Curriculum vitae

PERSONAL INFORMATION

Alessandro Sozzetti

INAF - Osservatorio Astrofisico di Torino, Via Osservatorio 20,

I-10025 Pino Torinese (TO), Italy

ORCID 0000-0002-7504-365X

WORK EXPERIENCE

2016 – Present — Senior Researcher II Level (Primo Ricercatore)
INAF - Osservatorio Astrofisico di Torino (Italy)

2011 – 2016 — Researcher III Level (Ricercatore)
INAF - Osservatorio Astrofisico di Torino (Italy)

2009 – 2011 — Fixed-term Researcher III Level (Ricercatore a Tempo Determinato)
INAF - Osservatorio Astronomico di Torino (Italy)

2005 – 2008 — Visiting Scientist
Smithsonian Astrophysical Observatory, Harvard-Smithsonian Center for Astrophyics, Cambridge MA (USA)

2005 – 2008 — Assegnista di Ricerca
INAF - Osservatorio Astronomico di Torino (Italy)

2002 – 2002 — Visiting Student
Smithsonian Astrophysical Observatory, Harvard-Smithsonian Center for Astrophyics, Cambridge MA (USA)

2000 – 2001 — Graduate Student Researcher
The University of Pittsburgh, Pittsburgh PA (USA)

1998 – 2000 — Research Scholar
Space Telescope Science Institute, Baltimore MD (USA)

1997 – 1998 — Astronomy Fellowship
Osservatorio Astronomico di Torino (USA)

EDUCATION

2005 — Ph. D. in Physics
The University of Pittsburgh, Pittsburgh PA (USA)

- Thesis Title: *Observational Tests of Planet Formation Models*

2002 — Master Degree in Physics
The University of Pittsburgh, Pittsburgh PA (USA)

1997 **Master Degree (Laurea) in Physics - Grade 110/110**

Università degli Studi di Torino, Torino (Italy)

• Thesis Title: *Astrometria Globale ad Altissima Precisione per la Ricerca di Pianeti Extrasolari*

ADDITIONAL INFORMATION

Areas of Expertise

Stellar spectroscopy, astrometry, radial velocities, photometry

Research Interests

The detection and physical (structural, atmospheric) characterization of extrasolar planetary systems and brown dwarfs, utilizing both ground-based and space-borne observatories and instrumentation across a wide range of wavelengths and techniques. The characterization of planet hosting stars (chemical composition, atmospheric and physical parameters), and their environment.

Observing Experience

- Principal Investigator or Co-Investigator of over 50 observing programs at over a dozen 1- to 10-m class telescopes (both from the ground and in space), competitively awarded time by international Telescope Allocation Committees. A selection of the most relevant programs is included under the items "Project Leadership and Coordination" and "Project Membership"
- Almost 60 nights of on-site observing experience with 6 instruments of 6 telescopes at four observatories (Roque de los Muchachos, La Silla, Mauna Kea, Mt. Hopkins): Keck I (HIRES), MMT (MIRAC 3/BLINC), TNG (HARPS-N), 3.6-m ESO (HARPS), NTT (SofI), VLT (ESPRESSO).

Technical Experience

- Software development and design for scientific purposes, statistical analysis, and for the simulation of physical systems. I have implemented FORTRAN 77/90 programs for the detailed simulation of astrometric observations of stars with planets with Gaia and the Space Interferometry Mission, and for the corresponding analysis (detection algorithms, single- and multiple-planet robust orbital fitting procedures) of the simulated data. As manager of the Development Unit on Extrasolar Planets within the Coordination Unit 4 (CU4, Object Processing) of DPAC, I have designed and integrated several Java software packages for astrometric orbit fitting of planetary systems within the CU4 data analysis pipeline. I have contributed to the development of a software code (in the IDL programming language) for the derivation of precise radial-velocities utilizing an iodine absorption cell. I have been extensively using this data analysis package in the context of the Metal-Poor Planet Search Program (of which I was the PI) conducted utilizing the HIRES spectrograph on the Keck 1 telescope.
- Programming languages: FORTRAN 77/90, C, C++, Java, IDL, Python
- Operative systems: VMS, OpenVMS, Dos, Windows, Unix, Linux
- Graphics packages: Mongo, SMongo, GNUPLOT, PGPLOT
- Graphics design packages: Adobe Illustrator
- Astronomical images and spectra analysis packages: IRAF, SExtractor, MOOG, SME
- Calculus: MATLAB, MATHEMATICA

Responsibility of INAF research institutes

2019 – present Deputy Director (Vicario), INAF - Osservatorio Astrofisico di Torino

National Scientific Qualification (ASN)

29/03/2021 – 29/03/2030 Full Professor (Professore di I fascia), Sector 02/C1 (Astronomy, Astrophysics, Physics of the Earth and Planets)

Editorial Boards

2011 Member of the Editorial Board of the 2010 IAU Symposia Proceedings

2018 – present Member of the Board of Scientific Editors of the astronomy journal Monthly Notices of the Royal Astronomical Society

Conferences, Workshops, and Schools Organization

1. Member (2009) of the Scientific Organizing Committee (SOC) of the International Conference "Pathways to Habitable Planets", held in Barcelona, Spain
2. Chairman (2010) of the ESF Conference "Putting Our Solar System in Context: Origin, Dynamical and Physical Evolution of Multiple-Planet Systems", held in Universitätszentrum Obergurgl, Austria (M.G. Lattanzi, co-Chair)
3. Chairman (2010) of IAU Symposium 276: "The Astrophysics of Planetary Systems: Formation, Structure, and Dynamical Evolution", held in Torino, Italy
4. Member (2012) of the SOC of the GREAT-ESF Workshop "Orbital Couples: Pas de Deux in the Solar System and the Milky Way", Paris, France
5. Chairperson (2012) of the GREAT-ESF Workshop "Gaia and Exoplanets: GREAT Synergies on the Horizon", held in Torino, Italy
6. Co-Convener (2013), Session EX5 "Future instruments to detect and characterise extrasolar planets", European Planetary Science Congress (EPSC) 2013, London, UK
7. Co-Convener (2014), Sessions EX2 "Future instruments to detect and characterise extrasolar planets" and EX3 "Current Results from CoRoT, Kepler, GAIA, MOST", EPSC 2014, Cascais, Portugal
8. Member (2014) of the SOC of Symposium S2 "The outer regions of extrasolar planetary systems", EWASS 2014, Geneva, Switzerland
9. Co-organizer (2015) of the First Advanced School on Exoplanetary Science: "Methods of Detecting Exoplanets", held in Vietri sul Mare, Italy
10. Member (2015) of the SOC of the International Conference "Pathways to Habitable Planets II", held in Bern, Switzerland
11. Co-Convener (2015), Sessions EX2 "Future instruments to detect and characterise extrasolar planets", EPSC 2015, Nantes, France
12. Member (2015) of the SOC of the International Workshop OHP 2015 - *Twenty Years of Giant Exoplanets*, held at Observatoire de Haute Provence, France
13. Member (2016) of the SOC of the International Chianti Topics Focus Workshop "Use of Small Telescopes in the Giant Era", held at Osservatorio Polifunzionale del Chianti, Italy)

14. Member (2016) of the SOC of the "2016 Sagan Summer Workshop", held in Pasadena, California, USA

15. Co-organizer (2016) of the Meeting INAF-Macroarea 2: Stelle, popolazioni stellari e mezzo interstellare, held in Bologna, Italy

16. Co-organizer (2017) of the Second Advanced School on Exoplanetary Science; "The Astrophysics of Exoplanetary Atmospheres", held in Vietri sul Mare, Italy

17. Chairperson (2018) of the International Workshop "5 Years of HARPS-N Science", held in La Palma Island, Spain

18. Co-Chair (2018) of IAU Symposium 348: "21st Century Astrometry: crossing the Dark and Habitable frontiers", held in Vienna, Austria

19. Member (2018) of the SOC of the International Workshop "High Resolution Spectroscopy for Exoplanet atmospheres (HoRSE)", held in Nice, France

20. Co-organizer (2019) of the National Congress "Giornate INAF 2019", held in Napoli, Italy

21. Co-organizer (2019) of the Third Advanced School on Exoplanetary Science: "Demographics of Exoplanetary Systems", held in Vietri sul Mare, Italy

22. Member (2019) of the SOC of the Workshop "Convegno Nazionale di Astrochimica e Astrobiologia (proto-)planetaria", held in Trieste, Italy

23. Chairperson (2022) of the Scientific Organizing Committee of the "2022 Sagan Summer Workshop", held in Pasadena, California, USA

24. Member (2022) of the SOC of the International Conference "Exoplanets IV", held in Las Vegas, Utah, USA

25. Member (2022) of the SOC of the Summer School "Exoplanets and astrostatistical analysis techniques" , held in Geneva, Switzerland

26. Co-organizer (2023) of the Fourth Advanced School on Exoplanetary Science: "Astrophysics of Transiting Exoplanets", held in Vietri sul Mare, Italy

27. Member (2023) of the SOC of the 2023 "Annual Meeting of the European Astronomical Society", held in Krakow, Poland

Peer Review Roles

A Expert reviewer for the following scholarly journals:

- Science
- Nature Astronomy
- The Astrophysical Journal

- The Astrophysical Journal - Supplement Series
- The Astronomical Journal
- Monthly Notices of the Royal Astronomical Society
- Astronomy & Astrophysics
- Publications of the Astronomical Society of the Pacific
- Planetary & Space Science

B External reviewer, review panel member, and member of Telescope Allocation Committees (TAC) for applications for observing time at the following ground-based and space-based facilities:

- External reviewer for GTC Mexican TAC
- External reviewer for OPTICON SOPHIE TAC
- Member of Panel C (Interstellar medium, star formation and planetary systems) of the ESO Observing Programmes Committee for ESO Periods 95-96-97
- External reviewer of Hubble Space Telescope Mid-cycle 25-26-27 proposals
- Member of the TAC of the CHEOPS Mission (AO-3 and AO-4 Cycles)

C External reviewer of funding applications for the following grant schemes:

- European Research Council Starting Grant (ERC-StG)
- European Research Council Consolidator Grant (ERC-CoG)
- Futuro in Ricerca (FIRB/MIUR), Italy
- Israel Science Foundation (ISF), Israel
- Swiss National Science Foundation (SNSF), Switzerland
- Initiatives de Recherche Stratgiques (IRS), Université Grenoble Alpes, France´
- Agence Nationale de la Recherche (ANR), France
- Netherlands Organisation for Scientific Research (NWO), The Netherlands
- Special Research Programme (SFB) of the Austrian Science Fund (FWF), Austria

Teaching

01-01-2001 – 30-04-2001 Teaching Assistant, The University of Pittsburgh, Pittsburgh PA (USA)

2010 Invited Lecturer at the Francesco Lucchin National PhD School in Astrophysics “The Infrared Universe - Gaia”, Asiago, Italy

2013 Invited Lecturer at the Francesco Lucchin National PhD School in Astrophysics “The Exoplanet Search. Present Status and Future Prospects - The Dark Side of Stellar and Galaxy Formation”, Asiago, Italy

Academic Year 2016-2017 – present Teacher of Graduate Course ’Search and Characterization for Extrasolar Planets’, PhD Programme in Physics, Università degli Studi di Torino

2020 Invited Lecturer, Workshop "Gaia: Great Advances In Astrophysics" for the Phd School in Physics, University of Bologna

Bachelor and Master Students Supervision

- ### Università degli Studi di Milano

Samuele Crespi ("Modellizzazione ed analisi di transiti di esopianeti: applicazioni dell’effetto Rossiter-McLaughlin"), 2012 (Laurea Breve)

Samuele Crespi ("Quanto sono eccentrici gli Hot-Jupiters? Studio di effetti mareali stellapianeta, analisi globale dell’eccentricità orbitale di sistemi planetari in transito."), 2014 (Laurea Specialistica)

Rachele Bongiolatti ("Search for and occurrence rates of wide-orbit giant planets in systems hosting small-size planets"), 2020 (Laurea Specialistica)

- ### Università degli Studi di Torino

Paolo Giacobbe ("Studio di fattibilità per la ricerca di pianeti extrasolari orbitanti intorno a stelle nane di tipo M con il metodo dei transiti"), 2009 (Laurea Magistrale)

Matteo Perdoncin ("Ricerca di pianeti extrasolari attorno a stelle nane M: caratterizzazione della microvariabilità indotta da attività cromosferica"), 2011 (Laurea Magistrale)

Martina Camolli ("Ricerca e analisi di transiti planetari attorno a stelle fredde con osservazioni da Terra e dallo spazio"), 2012 (Laurea Triennale)

Andrea di Salvo ("Missione Kepler: studio di abitabilità di pianeti extrasolari in transito attorno a stelle nane M"), Alessio Giambrone ("APACHE project: characterization of a sample of Mdwarfs’ photometric microvariability") & Lorenzo Colombo ("Ricerca di transiti planetari attorno a stelle nane rosse: studio di curve di luce dei progetti Kepler, MEarth e APACHE"), 2013 (Laurea Triennale)

Lorenzo Gioannini ("Ricerca di transiti planetari in serie temporali fotometriche di alta precisione nei campi della survey APACHE"), 2014 (Laurea Specialistica)

Giovanna Ranotto ("Studio di periodi di rotazione fotometrici di stelle nane rosse"), 2015 (Laurea Specialistica)

Simone Balestra ("Survey APACHE - Analisi di segnali di transito planetario in serie temporali fotometriche"), 2015 (Laurea Triennale)

Lorenzo Colombo ("Determinazione di frequenze planetarie in regime di bassa metallicità stellare") & Domenico Barbato ("Studio di stabilità dinamica della regione di abitabilità di sistemi planetari con componenti massicce di lungo periodo"), 2016 (Laurea Specialistica)
Gloria Guilluy ("L’atmosfera del Giove caldo transitante HD 189733b ad alta risoluzione spettrale") & Matteo Benedetto ("Progetto APACHE: ricerca di candidati e stima di frequenza di pianeti extrasolari di piccolo raggio"), 2017 (Laurea Specialistica)

Maria Chaira Maimone ("Pianeti, alias o rumore? Identificare segnali planetari in serie temporali di velocità radiale"), 2017 (Laurea Triennale)

Sara Vitali ("Misurare le masse di pianeti con periodo orbitale molto corto attorno a stelle attive"), Nicoló Cibrario ("Eclissi secondarie e curve di fase di pianeti rocciosi transitanti con periodo orbitale

ultra-breve") & Giacomo Queirolo ("Pianeti ed attività stellare - Studio di serie temporali sintetiche di velocità radiale"), 2018 (Laurea Triennale)

Edoardo Santero Mormile ("Analisi congiunta di fotometria in transito e velocità radiale di stelle con pianeti transitanti"), Mila Racca ("Studio comparativo delle relazioni massa-raggio dei sistemi planetari transitanti"), Samuele Bruna ("Selezione di esopianeti favorevoli per la caratterizzazione atmosferica"), Riccardo Stognone ("Determinazione di parametri stellari per la caratterizzazione di pianeti extrasolari"), Matteo Camanni ("Spettroscopia di trasmissione a bassa risoluzione del pianeta gioviano caldo WASP-74 b"), 2019 (Laurea Triennale)

Ester Pezzetta ("Studio di esopianeti attorno a stelle di bassa metallicità con lo spettrografo HARPS-N"), 2020 (Laurea Triennale)

Sara Tavella ("Spettroscopia di trasmissione ad alta risoluzione del gioviano caldo HD189733b"), 2021 (Laurea Triennale)

Beatrice Caccherano ("Una sfida Doppler: ricerca di pianeti in orbita attorno a stelle giovani in serie temporali di velocità radiale"), & Cecilia Calisti ("Analisi combinata spettroscopica e astrometrica per la determinazione di orbite e masse di compagni substellari di lungo periodo") 2022 (Laurea Triennale); Alessia Di Paola ("Rilevazione di molecole nell'atmosfera di due gioviani caldi transitanti con spettroscopia ad alta risoluzione"), Nicola Nari ("Architettura dei sistemi planetari: frequenza di pianeti interni di piccola massa in presenza di gioviani esterni"), Riccardo Stognone ("Caratterizzazione di Nettuniani transitanti con fotometria dallo spazio TESS e à radiali ad alta precisione HARPS-N"), Andrea Massa ("Ricerca e frequenza di giganti gassosi freddi in sistemi planetari con pianeti di piccole dimensioni e brevi periodi orbitali"), & Samuele Bruna ("Evaporazione atmosferica in gioviani caldi: misure di assorbimento planetario nel tripletto dell'Elio metastabile a 1083.3 nm"), 2022 (Laurea Specialistica)

Luca Rosoldi ("Rimozione ottimale di righe telluriche da spettri stellari"), Roberto Volontà ("Analisi comparativa di serie temporali di velocità radiale e indici di attività di stelle di tipo spettrale K per l'identificazione di segnali Doppler di origine planetaria in presenza di cicli magnetici stellari di lungo termine"), 2023, in progress (Laurea Triennale); Riccardo Rabino ("Analisi fotometriche e spettroscopiche per la ricerca di esopianeti"), & Giulia Piccinini ("Orbite e masse di esopianeti di lungo periodo tramite combinazione di tecniche astrometriche e spettroscopiche"), 2023, in progress (Laurea Specialistica)

PhD Students Supervision

• Università degli Studi di Padova

2010-2013 XXV Ciclo: Dr. Mario Damasso (Thesis title: *"An M dwarf planet search programme using the photometric transit method: implementation of a new ground-based survey"*)

• Università degli Studi di Torino

2016-2019 XXXII Ciclo: Dr. Domenico Barbato (Thesis title: *"Characterization of Extrasolar Planetary Systems: Gaia astrometry and its synergies"*)

2017-2020 XXXIII Ciclo: Dr. Gloria Guilluy (Thesis title: *"Exoplanetary Atmospheres at High Spectral Resolution"*)

• Università degli Studi di Trieste

2010-2013 XXV Ciclo: Dr. Paolo Giacobbe (Thesis title: *"Photometric transit search for planets around cool stars from the Western Italian Alps: the APACHE survey"*)

2014-2017 XXX Ciclo: Dr. Matteo Pinamonti (Thesis title: *"Detection and Orbital Architecture Characterization of Planetary Systems Around Cool Stars"*)

- University of Porto, Portugal

2012-2015 Dr. Lisa Benamati (Thesis title: *"Exoplanets: Gaia and the importance of spectroscopic followup"*)

- Università di Roma Tor Vergata

2020 – current XXXVI Ciclo: Dr. Luca Naponiello (Thesis title: *"The hunt for exo-Neptunes via radial velocity follow-up of TESS planetary candidates"*)

2021 – current XXXVII Ciclo: Dr. Mario Basilicata (Thesis title: *"Characterization of exoplanetary atmospheres through the High-Resolution Spectroscopy Technique"*)

PhD Admission and Evaluation Committees

2017 Member of the Admission Committee for the XXXIII Cycle of the PhD in Physics and Astrophysics, Università degli Studi Torino

2018 Member of the Evaluation Committee, PhD in Physics and Astrophysics, XXXI Cycle, "Unveiling the Nature of Faraway Worlds: Intensive characterisation of K2 transiting exoplanets" (Dr. Oscar Barragan Villanueva), Università degli studi di Torino.

2018 Member of the Evaluation Committee, PhD in Physics and Astrophysics, XXXI Cycle, "Unveiling the Nature of Faraway Worlds: Intensive characterisation of K2 transiting exoplanets" (Dr. Oscar Barragan Villanueva), Università degli studi di Torino.

2015 Member of the Evaluation Committee, PhD in Physics and Material Sciences, "Characterization of exoplanetary systems with the direct imaging technique: towards the first results of SPHERE at the Very Large Telescope" (Dr. Alice Zurlo), University of Aix-Marseille, Aix-en-Provence (France) & Università degli Studi di Padova

2015 Member of the Evaluation Committee, PhD in Physics and Material Sciences, "Characterization of transiting exoplanets: analyzing the impact of the host star on the planet parameters" (Dr. Giovanni Bruno), University of Aix-Marseille, Aix-en-Provence (France)

2020 Member of the Evaluation Committee, PhD in Physics, "From ESPRESSO to PLATO: detecting and characterizing Earth-like planets in the presence of stellar noise" (Dr. Luisa Maria Serrano), University of Porto, Porto (Portugal)

2020 Primary Reviewer (Faculty Examiner) of the Evaluation Committee, PhD in Astronomy & Astrophysics, "Astrophysical impacts on habitable planetary systems" (Dr. Giorgi Kokaia), Lund University, Lund (Sweden)

2022 Member of the Evaluation Committee, PhD in Astronomy, "Advanced statistical data analysis methods for the detection of other Earths" (Dr. Joao David Ribeiro Camacho), University of Porto, Porto (Portugal)

2022 Member of the Evaluation Committee, PhD in Fundamental and Applied Sciences, "Multidimensional and simultaneous modeling of the atmosphere of exoplanets and their host stars" (Dr. Maria Chiara Maimone), Université Côte d'Azur, Nice (France)

Boards of Examiners

2009 Member: Board of examiners for a Scholarship position at INAF-Osservatorio Astronomico di Torino

2011 Member: Board of examiners for a Scholarship position at INAF-Osservatorio Astronomico di Torino

2011 Member: Board of examiners for an Assegno di Ricerca (POSTDOC) position at INAF

2013 Member: Board of examiners for a Scholarship position at INAF-Osservatorio Astrofisico di Torino

2014 President: Board of examiners for an Assegno di Ricerca (YOUNG SCIENTIST) position at INAF-Osservatorio Astrofisico di Torino

2014 Member: Board of examiners for an Assegno di Ricerca (POSTDOC) position at INAF-Osservatorio Astrofisico di Torino

2015 Member: Board of examiners for a Scholarship position at INAF-Osservatorio Astrofisico di Torino

2015 Member: Board of examiners for an Assegno di Ricerca (POSTDOC) position at INAF-Osservatorio Astrofisico di Torino

2016 Member: Board of examiners for an Assegno di Ricerca (POSTDOC) position at INAF-Osservatorio Astrofisico di Torino

2017 President: Board of examiners for a Scholarship position at INAF-Osservatorio Astrofisico di Torino

2018 President: Board of examiners for a fixed-term Collaboratore Tecnico (VI Livello) position at INAF-Osservatorio Astrofisico di Torino

2018 President: Board of examiners for an Assegno di Ricerca (POSTDOC) position at INAF-Osservatorio Astrofisico di Torino

2020 President: Board of examiners for an Assegno di Ricerca (POSTDOC) position at INAF-Osservatorio Astrofisico di Torino

2020 President: Board of examiners for an Assegno di Ricerca (POSTDOC) position at INAF-Osservatorio Astrofisico di Torino

Committees and Working Groups of National and International Bodies and Institutions

2015 – 2018 Member of INAF's Comitato Scientifico di Macroarea Tematica 2 - Stelle, Popolazioni stellari e mezzo interstellare

2018 – 2020 Member of INAF's Scientific Advisory Panel

2020 – present Member of the Scientific Council of the Astronomy Section of Osservatorio Polifunzionale del Chianti (OPC)

2020 – present Co-Chair of the Panel on "Formation and Evolution of Planetary Systems", Science Vision & Infrastructure Roadmap of the ASTRONET Consortium for long-term planning and development of Astronomy in Europe (https://www.astronet-eu.org/)

2023 – present co-Chair of the sub-Working Group on "Galaxy, stellar and planetary formation and evolution" within the Astrophysics Working Group of the Italian Space Agency (ASI), in charge of defining thematic roadmaps on the state of the art and frontier challenges towards which to direct the activities of the space community over a ten-year span, in order to identify strategic proposals in the reference sectors.

Professional Societies

2003 – present Junior/Full member, American Astronomical Society

2009 – present Member, International Astronomical Union (Division A - Commission A1, Division F - Commission F2 and F3)

2013 – present Member, Società Astronomica Italiana

Leadership/Management of Tasks and Work Packages

2006 – present Manager of the Development Unit (DU437) in charge of the processing of the astrometric orbits of extrasolar planets within Coordination Unit 4 ("Object Processing") of the Data Processing and Analysis Consortium (DPAC) of ESA's Gaia mission

2015 – present Manager of Work package WP131110 "Planets from Astrometry and Photometry with Gaia" (part of "Target/Field Characterization and Selection" Work package) of the "PLATO Science Preparation Management" segment of the International Consortium of ESA's PLATO M3 mission

2015 – present Manager of Work package WP132220 "Target Ranking" (part of "Target/Field Characterization and Selection" Work package) of the "PLATO Science Preparation Management" segment of the International Consortium of ESA's PLATO M3 mission

2015 – present Manager of Work package WP115200 "Planetary Systems Characterization" (part of "PLATO Exoplanet Science" Work package) of the "PLATO Science Preparation Management" segment of the International Consortium of ESA's PLATO M3 mission

Project Leadership and Coordination

2003 – 2006 Principal Investigator: Observing Programme "Metal-poor planet survey" with the highresolution HIRES spectrograph on the Keck 1 telescope

2008 – 2010 Italian Scientific Coordinator: Joint Project for the exchange of researchers "Stellar and Planetary Parameters of Transiting Planet Systems Discovered by Kepler", programma esecutivo MIUR di collaborazione scientifica e tecnologica tra Italia e USA

2009 – 2011 Coordinator: INAF - OA Torino Research Unit, PRIN INAF 2008 "Environmental effects in the formation and evolution of extrasolar planetary systems"

2012 – 2013 Coordinator: INAF - OA Torino Research Unit, PRIN INAF 2010 "Planetary systems at young ages and the interactions with their active host stars"

2012 – 2018 Principal Investigator: "A PAthway to the Characterization of Habitable Planets (APACHE)" photometric transit survey

2012 – 2017 Principal Investigator: Long-Term Observing Programme "Global Architecture of Planetary Systems (GAPS)" with the high-resolution HARPS-N spectrograph on the Telescopio Nazionale Galileo (TNG)

2012 – 2017 Coordinator: WP1000 ("Scientific Preparation"), WP4000 ("RV Analysis and Planet Search") of the GAPS project

2013 – 2017 Coordinator: FP7-SPACE Collaborative Project "Measuring Eta_Earth: Characterization of Terrestrial Planetary Systems with Kepler, HARPS-N, and Gaia" (ETAEARTH), Grant Agreement n. 313014

2014 – 2015 Principal Investigator: Observing Programme "HARPS Hunt for Scaled-Down Solar Systems" with the high-resolution HARPS spectrograph on the ESO-3.6m telescope

2014 – 2016 Coordinator: WP2 "Spectroscopic Detections", Progetto Premiale MIUR 2012 WOW (A Way to Other Worlds)

2017 – 2018 Principal Investigator: Observing Programme "Masses, orbits, and atmospheres of hot and young planets: A GIARPS view of planet formation of evolution" with the high-resolution HARPS-N and GIANO-B spectrographs on the TNG

2017 – 2020 Coordinator: WP 4.3 "Pianeti Interni", Unità Operativa 4 "Sistemi Esoplanetari", Progetto Premiale MIUR 2015 "Fostering high ResolutiON Technology and Innovation for Exoplanets and Research in Astrophysics (FRONTIERA)"

2018 - present Coordinator: "Special Objects" sub-program of the Long-Term Observing Programme "GAPS2: the origin of planetary systems diversity" with HARPS-N and GIANO-B at TNG

2020 – present Coordinator: WP3 "High-Resolution Spectroscopy in the nIR", PRIN INAF 2019 "The HOTATMOS Project: characterizing the atmospheres of hot giant planets as a key to understand the exoplanet diversity"

2020 – present Coordinator: WP2 "Planets at Close and Intermediate separations", PRIN INAF 2019 "Planetary Systems At Early Ages (PLATEA)"

2020 – 2023 Principal Investigator: Project “An inTerdisciplinary pAthway to the identification of Solar SystEm anaLogs (TASSEL)”, accordo ASI-INAF n. 2018-16-HH.0, "Attività di studio per la comunità scientifica per Sistema Solare ed Eso-Pianeti"

2023 – present Principal Investigator: PRIN MUR 2022 Project 20229R43BH "The Demographics of Massive Planetary and Brown Dwarf Companions with Gaia DR3"

2023 – present Principal Investigator: Project "EXODEMO: The Demographics of Planetary Systems with Solar System - Type Architectures", Large Grant INAF 2023

2023 – present Principal Investigator: Large Observing Programme "The Great HARPS-N hunt for superEarths and Neptunes interior to outer giant planets detected by Gaia" with the high-resolution HARPS-N spectrograph on the Telescopio Nazionale Galileo (TNG)

Coordination of Research Teams

2015 – 2017 Chairman: Science Team of the HARPS-N Guaranteed Time Observations (GTO) Consortium

2017 – 2019 Chairman: GAPS Consortium of the Italian Exoplanet Community (https://theglobalarchitectureofplanetarysystems.com/)

2022 – present Chairman: Science Team of the ESPRESSO Guaranteed Time Observations (GTO) Consortium

Project Membership

2004 – 2005 Co-Investigator: program “Taking the Temperature of the New Planet TrES-1” with the IRAC IR instrument on the Spitzer Space Telescope (6.0 hr, GO #227)

2010 – 2013 Member: International Research Staff Exchange Scheme (People Marie Curie Actions) Programme "Interpretation and Parameterization of Extremely Red COOL dwarfs (IPERCOOL)", # 247593 (R. Smart, PI)

2011 – present	Co-Investigator: HARPS-N GTO Consortium
2011 – 2013	Co-Investigator: ESA's EChO Mission (M3) Phase A Study
2011 – present	Collaborator: NASA's TESS MIDEX Mission
2012 – present	Member: GAPS Consortium Scientific Board and GAPS Science Team
2012 – 2015	Co-Investigator: Large Programme "Completing a deep search for hot neptunes around a sample of moderately metal-poor stars" with the high-resolution HARPS spectrograph on the ESO3.6m telescope
2014 – present	Member: Italian Science Team of the optical and near-infrared spectro-imager NOT Transient Explorer (NTE) for the Nordic Optical Telescope (NOT)
2014 – present	Member: Italian team of ESA's S Mission CHEOPS
2014 – present	Co-Investigator: ESA's M3 Mission PLATO
2014 – present	Co-Investigator: iLocater high-resolution near-infrared spectrograph for the LBT
2014 – present	Member: Science Team of the SHARK-NIR AO instrument for LBT
2015 – 2017	Co-Investigator: ESA's Ariel Mission (M4) Phase A Study
2018 – present	Co-Investigator: ESA's M4 Mission Ariel
2015 – 2017	Co-Investigator: ESA's Ariel Mission (M4) Phase A Study
2017 – present	Co-Investigator: ESPRESSO GTO Consortium
2019 – 2020	Member: Italian Science Team of ESA's SPICA Mission (M5) Phase A study
2020 – present	Co-Investigator: Large Program "PEPSI/LBT Exoplanet Transit Survey (PETS)" with the highresolution PEPSI spectrograph on the Large Binacular Telescope
2020 – 2023	Member: Project "Time-dependent high-energy stellar radiation and planetary atmosphere interaction (THE StellaR PAth)", accordo ASI-INAF n. 2018-16-HH.0, "Attività di studio per la comunità scientifica per Sistema Solare ed Eso-Pianeti"
2021 – present	Co-Investigator: Observing Program "Deep search for jumping super Earths around nearby K dwarfs" with the HARPS-N and FIES spectrographs on the TNG and NOT telescopes
2021 – present	Co-Investigator: program "TOI-178: the best laboratory for testing planetary formation theories" with the NIRSPEC instrument on the James Webb Space Telescope (24.2 hr, GO #2319)
2022 – present	Co-Investigator: HST Treasury program "The SPACE Program: a Sub-neptune Planetary Atmosphere Characterization Experiment" with the UV STIS and WFC3 nIR instruments on the Hubble Space Telescope (116 orbits, GO #17192)

2023 – present Co-Investigator: program “Warm Jupiters Dis-equilibrium and Thermo-chemistry in Transmission Spectroscopy” with the NIRSPEC and MIRI instruments on the James Webb Space Telescope (16.6 hr, GO #3712)

2023 – present Co-Investigator: Observing Program "KOFFEE: the K-dwarf Opportunity For Finding Exo-Earths" with the ESPRESSO spectrographs on the VLT telescope

Membership and Coordination of Working Groups

2001 – 2005 Member of the following working groups of ESA’s Gaia mission: Specific Objects: Planetary Systems (Core Member); Special Objects: Double and Multiple Stars (Core Member); Data Processing: Simulations (Associate Member); Data Processing: Relativistic Model and Quasi-Inertial Reference Frame (Associate Member)

2008 – 2011 Coordinator: Planetary Transits Working Group of the Blue-Dots Team initiative (http://www.blue-dots.net/)

2010 – 2015 Facilitator: Extrasolar Planets Working Group of the Gaia Research for European Astronomy Training (GREAT) Research Network Programme (RNP)

2010 – 2015 Member: Exoplanets and Other Planetary Systems Working Group (WG5) within Networking Activity 2 (NA2, Science Networking) of the Europlanet Research Infrastructure (Europlanet RI)

2014 – 2016 Member: "Target Selection" Working Group of ESA’s S Mssion CHEOPS

2018 – present Member: "Mass Characterization" Working Group of ESA’s M4 Mssion Ariel

2019 – present Member: Working Group "Biosignatures and the detection of life on other celestial bodies" of the European Astrobiology Institute

2019 – present Member: Working Group "Formation and Evolution of Planetary Systems and Detection of Habitable Worlds" of the European Astrobiology Institute

2019 – present Coordinator: WGT3b ("Extrasolar Planets") Working Group of Theme 3 ("Planetary Systems Near and Far") of the European Cooperation in Science and Technology (COST) Action CA18104 - "Revealing the Milky Way with Gaia (MW-Gaia)"

2019 – 2020 Coordinator: Exoplanets working group within the Phase A study of the ESA M5 mission SPICA

2021 – present Member: "Stellar Characterization" Working Group of ESA’s M4 Mssion Ariel

2021 – present Member: "Synergies with the ELTs" Working Group of ESA’s M4 Mssion Ariel

Management of Research Funds as PI, Co-PI, Co-I

- *Double-Blind Planet Hunting Simulations with SIM*, JPL contract: $30,000.00 (2008 - 2009)
- *INAF-OATo UdR, Environmental Effects in the Formation and Evolution of Extrasolar Planetary Systems*, PRIN INAF 2008: e12.000 (PI A. Lanza, total grant e120.000) (2009 - 2011)

- *Putting our Solar System in Context: Origin, Dynamical and Physical Evolution of Multiple Planet Systems*, ESF-FWF Conference in partnership with LFUI: e60,000.00 (2010)

- *INAF-OATo UdR, Planetary Systems at Young Ages and the Interactions with Their Active Host Stars*, PRIN INAF 2010: e19.000.00 (PI S. Desidera, total grant e140.000) (2011 2013)
- *HARPS-N/TNG - INAF Fellowship*: e50.000 (2012)
- *Measuring $\eta_{\oplus}$: Characterization of Terrestrial Planetary Systems with Kepler, HARPS-N, and Gaia*, FP7-SPACE-2012 Collaborative Project (Grant Agreement n. 313014): e1.994.359 (2013 - 2017)
- *GAPS: Global Architecture of Planetary Systems*, Progetto Premiale INAF 2011 *VLT: Very Large Telescope*, (PI G. Vettolani, total grant e3.400.000) : e48.000 (2013 - 2014)
- *WP2 (Spectroscopy)*, Progetto Premiale INAF 2012 *Way to Other Worlds* : e125.000 (PI: G. Micela, total grant e3.281.583) (2014 - 2016)
- *WP4.3 (Inner Planets)*, Progetto Premiale INAF 2015 *FRONTIERA* : e128.000 (PI: I. Pagano, total grant e986.546) (2017 - 2020)
- *An inTerdisciplinary pAthway to the identification of Solar SystEm anaLogs (TASSEL)*, Accordo ASI-INAF 2018: e135.680 (2020 - 2023)
- *WP2, Planetary Systems At Early Ages (PLATEA)* , PRIN INAF 2019: e28.910 (PI S. Desidera, total grant e164.150) (2021 - present)
- *The Demographics of Massive Planetary and Brown Dwarf Companions with Gaia DR3*, PRIN MUR 2022 20229R43BH: e187.491 (2023 - present)
- *EXODEMO: The Demographics of Planetary Systems with Solar System - Type Architectures*, Large Grant INAF 2023: e200.000 (2023 - present)

Contributed Talks

1. Contributed Talk at the “CfA Symposium on Planet and Star Formation”, Cambridge, MA (USA) (September 2004)
2. Contributed Talk at the 2005 Winter Conference in Astrophysics: “Planet Formation and Detection”, Aspen, CO (USA) (February 2005)
3. Contributed Talk at the 209th Meeting of the American Astronomical Society, Seattle, WA (USA) (January 2007)
4. Contributed Talk at the 2007 ESO Workshop “Observing Planetary Systems”, Santiago de Chile, Chile (March 2007)
5. Contributed Talk at IAU Symposium 248 - A Giant Step: From Milli- to Micro-arcsecond Astrometry, held in Shanghai, China (October 2007)
6. Contributed Talk at the Meeting “La Scienza di Herschel”, Rome, Italy (March 2008)
7. Contributed Talk at “EGU General Assembly 2008”, Vienna, Austria (April 2008)

8. Contributed Talk at the "52nd Meeting of the Italian Astronomical Society (SAIt 2008)", Teramo, Italy (May 2008)
9. Contributed Talk at the "53nd Meeting of the Italian Astronomical Society (SAIt 2009)", Pisa, Italy (May 2009)
10. Contributed talk at the "XXVIIth IAU General Assembly", IAU Symposium 265 (Chemical Abundances in the Universe: Connecting First Stars to Planets), Rio de Janeiro, Brasil (August 2009)
11. Contributed talk at the Joint EPSC/DPS Meeting - Session EO2, Nantes, France (October 2011)
12. Contributed talk at the Joint EPSC/DPS Meeting - Joint Session NA1/NA2, Nantes, France (October 2011)
13. Contributed talk at the LBT-Italy Workshop, Padova, Italy (October 2011)
14. Contributed talk at the First Kepler Science Conference, NASA AMES, USA (December 2011)
15. Contributed talk at the Conference "EWASS 2012", Rome, Italy (July 2012)
16. Contributed talk at the MPIA Summer Conference 'Characterizing & Modeling Extrasolar Planetary Atmospheres: Theory & Observation', Heidelberg, Germany (July 2012

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17. Contributed talk at the European Planetary Science Congress 2012 - Session EX1, Madrid, Spain (September 2012)
18. Contributed talk at the "EChO Open Science Workshop", ESA/ESTEC, The Netherlands (July 2013)
19. Contributed talk at Session EX2, EPSC 2013, London, UK (September 2013)
20. Contributed talk at Symposium 2, International Conference *EWASS 2014*, held in Geneva, Switzerland (June-July 2014)
21. Contributed talk at Symposium 3, International Conference *EWASS 2014*, held in Geneva, Switzerland (June-July 2014)
22. Contributed talk at the SPHERE Science Exploitation Workshop, Rome, Italy (September 2014)
23. Contributed talk at the *XIII Congresso Nazionale di Scienze Planetarie*, Bormio, Italy (February 2016)
24. Contributed talk at the *K2 Workshop*, Porto, Portugal (May 2016)
25. Contributed talk at the *CHEOPS Science Workshop IV*, Geneva, Switzerland (June 2016)
26. Contributed talk at the *ARIEL Science Conference*, Brussels, Belgium (November 2016)
27. Contributed talk at the *UK Exoplanet Community Meeting 2017*, St. Andrews, United Kingdom (March 2017)

28. Contributed talk at the Workshop *The science of Gaia and future challenges*, held in Lund, Sweden (September 2017)

29. Two Contributed talks at the *ARIEL-Italy Meeting*, Rome, Italy (October 2018)

30. Contributed talk at the International Conference *Exploring the Infrared Universe: The Promise of SPICA*, held in Crete, Greece (May 2019)

31. Contributed talk at the *ARIEL Conference*, held in ESTEC, Netherlands (January 2020)

32. Contributed talk at the *Ariel-IT Science Workshop*, online, Italy (May 2022)

33. Contributed talk at the *European Astronomical Society Annual Meeting 2023*, Krakow, Poland (July 2023)

34. Contributed talk at the International Conference *Spectral Fidelity*, Florence, Italy (September 2023)

Invited Reviews, Talks and Seminars

70 invited talks (including 12 invited reviews), 26 invited seminars at National and International Conferences, Workshops, and Universities

1 Invited Seminar at the Observatoire de Cote D'Azur, Nice, France (May 2007)

2 Invited lecturer, *ELSA School on the Science of Gaia*, Leiden, The Netherlands (November 2007)

3 Invited Seminar at the Laboratoire d'Astrophysique de Marseille, Marseille, France (December 2007)

4 Invited Seminar at the University of Ljubljana, Ljubljana, Slovenia (April 2008)

5 Invited Review at the International Conference "Extrasolar planets in multi-body systems: theory and observations", Torún, Poland (August 2008)

6 Invited seminar, IMCCE/SYRTE Séminaires "Temps & Espace", Paris, France (May 2009)

7 Invited Review at the "XXVIIth IAU General Assembly", Special Session 6 (Planetary Systems as Potential Sites for Life), Rio de Janeiro, Brasil (August 2009)

8 Invited Review at the International Conference "Pathways Towards Habitable Planets", held in Barcelona, Spain (September 2009)

9 Invited seminar at the Padova Astronomical Observatory, Padova, Italy (October 2009)

10 Invited talk at the ESF Exploratory Workshop "Observation, Characterisation And Evolution Of Habitable Exoplanets And Their Host Stars", held in Bairisch Kölldorf, Austria (November 2009)

11 Invited seminar, Physics Seminars Series, Jamia Millia Islamia University, New Delhi, India (January 2010)

12 Invited seminar, “Astrophysics Colloquium”, University College London, United Kingdom (March 2010)

13 Invited talk at the “III Workshop della Societá Italiana di Astrobiologia”, held in Trieste, Italy (May 2010)

14 Invited talk at the International Conference “Gaia: at the Frontiers of Astrometry”, held in Paris, France (June 2010)

15 Invited seminar, “ESO Colloquium”, held at ESO Garching, Germany (June 2010)

16 Invited talk at “Origins, Exoplanets and Astrobiology”, European Planetary Science Congress 2010 (Session OEA3, Probing the atmospheres of extrasolar worlds: from gas-giants to SuperEarths), held in Rome, Italy (September 2010)

17 Invited talk at “Origins, Exoplanets and Astrobiology”, European Planetary Science Congress 2010 (Session OEA4, Stars, Planets and Habitability), held in Rome, Italy (September 2010)

18 Invited talk at “The 15th International Conference on Gravitational Microlensing”, held in Salerno, Italy (January 2011)

19 Invited seminar at the Bologna Astronomical Observatory, Bologna, Italy (March 2011)

20 Invited talk at the GREAT-ESF Workshop ’Orbiting Couples: "Pas de Deux" in the Solar System and the Milky Way’, Paris, France (October 2011)

21 Invited talk at the GREAT-ITN WP5 kick-off Workshop, Porto, Portugal (November 2011)

22 Invited talk at the First Gaia Italia Workshop, Bologna, Italy (December 2011)

23 Invited talk at the GREAT-ESF Workshop “Gaia & Exoplanets: GREAT Synergies on the Horizon”, Torino, Italy (November 2012)

24 Invited talk at the Final RoPACS ITN Conference “Hot Planets and Cool Stars”, Munich, Germany (November 2012)

25 Invited seminar at the Trieste Astronomical Observatory, Trieste, Italy (November 2012)

26 Invited talk at the ExoPAG 7 Workshop, Long Beach, California, USA (January 2013)

27 Invited talk at The Planet Validation Workshop, Marseille, France (May 2013)

28 Invited talk at “57th Meeting of the Italian Astronomical Society (SAIt 2013)”, Bologna, Italy (May 2013)

29 Invited talk at the “PLATO 2.0 Science Workshop”, ESA/ESTEC, The Netherlands (July 2013) 30 Invited talk, Planetology Session, Italian Physical Society Meeting, Trieste, Italy (September 2013)

31 Invited review at the 1st COSPAR Symposium, Session 2, Bangkok, Thailand (November 2013) 32 Invited talk at the 1st COSPAR Symposium, Session 5, Bangkok, Thailand (November 2013)

33 Invited talk at the GREAT-ESF Workshop *Gaia and the Unseen - The Brown Dwarf Question*, held in Torino, Italy (March 2014)

34 Invited talk at the JWST Transit Planning Meeting, held at IPAC-Caltech, Pasadena, California, USA (March 2014)

35 Invited seminar at MPIA, Heidelberg, Germany (April 2014)

36 Invited talk at the Conference “Exoplanetary Science”, held in Quy Nhon, Vietnam (April 2014)

37 Invited seminar at INAF-IASF, Bologna, Italy (May 2014)

38 Invited talk at the International Workshop “Frontier Research in Astrophysics”, held in Palermo, Italy (May 2014)

39 Invited review at the International Conference “The Space Photometry Revolution - CoRoT Symposium 3, Kepler KASC-7 Joint Meeting”, held in Toulouse, France (July 2014)

40 Invited talk at the ISSI-BJ Forum on "Micro-arcsecond Astrometry Exoplanets Detection around Nearby Stars", held in Beijing, China (August 2014)

41 Invited talk, Session EX2, EPSC 2014, Cascais, Portugal (September 2014)

42 Invited talk, 3*rd* International Space Research Conference, Rome, Italy (September 2014)

43 Invited seminar at the Lund Observatory, Lund, Sweden (October 2014)

44 Two Invited talks at the ”Exoplanets Research in Italy” Meeting, Rome, Italy (November 2014)

45 Invited seminar at INAF - Padova Astronomical Observatory, Padova, Italy (November 2014)

46 Invited speaker, Conference ”Navigare fra le stelle: il satellite GAIA, una nuova rivoluzione astrofisica?”, held in Torino, Italy (November 2014)

47 Invited talk, ”The Milky Way Unravelled by Gaia”, Final GREAT-ITN Conference, held in Barcelona, Spain (December 2014)

48 Invited talk at ESO - Chile, Santiago, Chile (February 2015)

49 Invited seminar at INAF - OA Roma, Rome (April 2015)

50 Invited talk, IAU Symposium 314 *Young Stars & Planets Near the Sun*, held in Atlanta (Georgia), USA (May 2015)

51 Invited talk, Institute for Astronomy & Royal Observatory, Edinburgh, United Kingdom (June 2015)

52 Invited talk, Second Workshop on *Extreme Precision Radial Velocities*, held in New Haven (Connecticut), USA (July 2015)

53 Invited talk, Session EX2, EPSC 2015, Nantes, France (September 2015)

54 Invited review, *V National Congress of the Italian Astrobiological Society*, held in Trieste, Italy (September 2015)

55 Invited talk, Workshop OHP 2015 - *Twenty Years of Giant Exoplanets*, held at Observatoire de Haute Provence, France (October 2015)

56 Invited seminar at the Institute of Astronomy, Cambridge, United Kingdom (October 2015)

57 Invited Colloquium speaker, Laboratoire d'Astrophysique de Marseille, France (January 2016)

58 Invited speaker, International Workshop "Frontier Research in Astrophysics II", Palermo, Italy (May 2016)

59 Invited lecturer, *Sagan Summer Workshop 2016*, Pasadena California, USA (July 2016)

60 Invited colloquium, Osservatorio Astronomico di Merate, Milano, Italy (September 2016)

61 Invited seminar at the University of Hertfordshire, Hatfield, United Kingdom (April 2017)

62 Invited seminar at the University of Salerno, Salerno, Italy (May 2017)

63 Invited seminar at the Trieste Astronomical Observatory, Trieste, Italy (June 2017)

64 Invited review at the SPIE meeting *Techniques and Instrumentation for Detection of Exoplanets*, San Diego CA, USA (August 2017)

65 Invited talk at the International Conference *Sailing Through the Wonders of Astrobiology*, Lussingrande, Croatia (September 2017)

66 Invited talk at the International Conference *Know Thy Star, Know Thy Planet: Assessing the Impact of Stellar Characterization on our Understanding of Exoplanets*, Pasadena CA, USA (October 2017)

67 Colloquium speaker at the Arcetri Astronomical Observatory, Florence, Italy (April 2018)

68 Invited review, International Workshop "Frontier Research in Astrophysics III", Palermo, Italy (May 2018)

69 Invited talk, 2018 IEEE International Workshop on Metrology for AeroSpace : "*Future techniques for extra-solar planets exploration*", Rome, Italy (June 2018)

70 Invited lecturer, *Sagan Summer Workshop 2018*, Pasadena California, USA (July 2018)

71 Invited talk at the Conference *Finding Earth-Twins Within 10 pc*, Rome, Italy (November 2018) 72 Invited speaker, "The 23rd Anual Gravitational Microlensing Conference", held in New York, USA (January 2019)

73 Invited speaker, Symposium *Kavli ExoFrontiers 2019*, held in Cambridge, United Kingdom (July 2019)

74 Invited speaker, *Exoplanets in the era of Gaia* Workshop of the CA18104 COST Action MWGaia, held in Porto, Portugal (November 2019)

75 Invited review talk, *Gaia Symposium: DR2 and Beyond*, held in Bangalore (moved online due to COVID-19), India (November 2020)

76 Invited speaker, *43rd COSPAR Scientific Assembly*, held in Sydney (online), Australia (August 2020, postponed due to COVID-19 to January/February 2021)

77 Invited speaker, *DPAC Consortium Meeting 2021* online (March 2021)

78 Invited seminar at the University of Warsaw (online), Warsaw, Poland (April 2021)

79 Invited seminar at the University of Rome Tor Vergata (online), Rome, Italy (May 2021)

80 Invited talk, Workshop *I 25 Anni del Telescopio Nazionale Galileo* (online), La Palma, Spain (October 2021)

81 Invited seminar at INAF - Rome Astronomical Observatory (online), Rome, Italy (November 2021)

82 Invited speaker, Rome Joint Astrophysics Colloquium, Rome, Italy (March 2022)

83 Invited seminar at ASI/SSDC (online), Rome, Italy (April 2022)

84 Invited speaker, *COST Action M-WGaia WG5 Workshop: Breaking Barriers* (online), Santiago de Compostela, Spain (May 2022)

85 Invited speaker, *HACK-100* International Conference, Trieste, Italy (June 2022)

86 Invited seminar, Instituto de Astrofisica, University of Porto, Portugal (June 2022)

87 Invited review talk, *Gaia Symposium: DR3 and Beyond*, held in Bangalore (online), India (July 2022)

88 Invited speaker, *Sagan Summer Workshop 2022*, Pasadena California, USA (July 2022)

89 Invited review talk, ESO Workshop *Disks and Planets across ESO Facilities*, ESO-Garching, Germany (November 2022)

90 Invited seminar, Jamia Millia Islamia University, New Delhi, India (January 2023)

91 Invited seminar, SGT University, New Delhi, India (January 2023)

92 Invited talk, *SAIt Congress 2023*, Camerino, Italy (May 2023)

93 Invited review talk, *PLATO Stellar Science Conference*, Milazzo, Italy (June 2023)

94 Invited talk, *European Astronomical Society Annual Meeting 2023*, Krakow, Poland (July 2023)

95 Invited talk, International Workshop *Science and technology roadmap for μas studies of the Milky Way*, Lund, Sweden (July 2023)

96 Invited talk, Workshop *PLATO Science in Italy: ready to PLATO data exploitation?*, Catania, Italy (September 2023)

Summary of Scientific Production

As of September 29 2023, I have co-authored 307 refereed journal papers, including 1 review article (appearing within the first four authors in > 20% of them), with 34733 (36310 including non-refereed articles) citations. Overall h-index = 70 (source: NASA's Astrophysical Data System, ADS). I have published 85 conference proceedings (including eight invited reviews) and 83 technical notes. I have contributed to the collective volumes "Astrometry for Astrophysics: Methods, Models, and Applications", Cambridge University Press (2012), "Encyclopaedia of Astrobiology", Springer (2011, 2015), "Handbook of Exoplanets", Springer (2018). I was the chief Editor of the Proceedings of IAU Symposium 276, Cambridge University Press (2011), and editor of the Lecture Notes of the Advanced School on Exoplanetary Science Book Series, Springer (2016, 2018, 2022).

Scientific Responsibility and Supervision of Fixed-Term Researchers:

My role as scientific responsible of fixed-term researchers includes supervision of 6 postdoctoral fellows:

2011 – 2016 Dr. Aldo Bonomo

2014 – 2021 Dr. Mario Damasso

2014 – 2021 Dr. Paolo Giacobbe

2015 – 2016 Dr. Jean-Marc Christille

2018 – current Dr. Matteo Pinamonti

2021 – current Dr. Patricio Cubillos (Erwin Schrödinger Fellow)

Funding in support of the positions is as follows:

2011 - 2013: Assegno di Ricerca post-Dottorato "Pianificazione, realizzazione e analisi di osservazioni spettroscopiche per la ricerca di pianeti extra-solari nell'ambito del tempo garantito del consorzio HARPS-N"

2013 - 2016: Assegno di Ricerca post-Dottorato "Caratterizzazione di Sistemi Planetari di Tipo Terrestre con Kepler e HARPS-N"

2014 - 2021: Assegno di Ricerca post-Dottorato "Progetto APACHE: analisi scientifica dei dati, upgrade della strumentazione e studio delle sinergie con Gaia"

2014 - 2021: Assegno di Ricerca post-Dottorato "Progetto GAPS: caratterizzazione spettroscopica e fotometrica dei target (attività cromosferica, rotazione) e studio delle sinergie tra GAPS e APACHE"

2015 – 2016: Assegno di Ricerca post-Dottorato “Studio di fattibilità: strumentazione innovativa per misure fotometriche simultanee multi-band (ottico e infrarosso) ad altissima precisione”

2017 - 2018: Borsa di Studio post-Laurea “Architettura orbitale e frequenza di sistemi di piccola massa attorno a stelle nane M”

2019 - 2020: Assegno di Ricerca post-Dottorato “Architettura orbitale e frequenza di sistemi di piccola massa in presenza di attività stellare”

2020 - present: Assegno di Ricerca post-Dottorato “Ricerca e caratterizzazione di sistemi planetari con architettura orbitale simile al Sistema Solare”

Public Outreach and Media Coverage

I have extensive experience in communication of science and astronomy results towards the greater public. I have carried out outreach activities along a three-fold line.

1) I have held public lectures at high schools, public talks and within events organized by private groups, and participated to round tables, including:

2009 "I nuovi orizzonti dell’Astronomia", Liceo Scientifico G. Galilei, Alessandria

2011 Evento "Il Fascino dell’Universo", Santuario di Crea (AL)

2014 Evento "Navigare tra le stelle", Palazzo Lascaris, Torino

2014 Scuola Politica Alcide De Gasperi, Collegio S. Giuseppe, Torino

2015 Evento "Riunioni Conviviali", Rotary Club, Alessandria

2017 Evento "Pint of Science 2017", Torino

2017 Evento "Caffé della Scienza" Associazione Cultura & Sviluppo, Alessandria

2017 Liceo Scientifico G. Peano, Tortona (AL)

2018 Evento "Notte dei Ricercatori", Planetario di Torino

2018 ESO Camp, Osservatorio Astronomico della Valle d’Aosta, Lignan (AO)

2019 Evento "Notti d’Estate", Osservatorio Astrofisico di Arcetri

2023 Mayo College, Ajmer (India)

2023 Evento "Esopianeti ed Esobiologia" per il pubblico universitario, Planetario di Torino

2) Radio, television, newspapers, and web-based interviews (both live and pre-recorded) of various aspects of my research have appeared in a variety of outlets around the world, including:

2008 Urania (Notiziario di Astronomia e Astronautica)

2013 Space Daily

2013 – present Media INAF (>10 articles and press releases)

2014 Le Scienze

2016 Nature News

2015 La Repubblica

2015 Rai News

2015 Il Tirreno Toscana

20165 'AltriMondi' radio and web podcast

2017 TG2 Dossier - 'Infiniti Mondi'

2017 RaiTre TGR Leonardo

2017 Focus

2017 Media INAF, Voci e Domande dell'Astrofisica

2017 Il Fatto Quotidiano

2019 European Commission's Directorate-General for Research and Innovation - "DG Research" Success Story article on the final outcome of the FP7-SPACE ETAEARTH Project, published by European Service Network

2021 ANSA

2022 30Science.com

2022 La Stampa

2023 Punjab Express

2023 Coelum

3) I have actively contributed to world-wide public engagement events, in particular:

2019 Member: IAU100 NameExoWorlds Italy National Committee

Awards, Certificates and Attestations

2023 Attestation of commendable service ("Lodevole Servizio") performed at INAF - Osservatorio Astrofisico di Torino

2023 Lancelot M. Berkeley New York Community Trust Prize: Gaia Collaboration, for highly meritorious work in advancing the science of astronomy

2018 ESA Certificate: "In recognition of the outstanding contribution to the Gaia mission"

2010 NASA Group Achievement Award: 'SIM Planet Finding Capability Study Team'

2010 NASA Group Achievement Award: 'Kepler Launch and Commissioning Team'

2003 – 2005 SAO Pre-Doctoral Fellowship

Competitively awarded by the Smithsonian Astrophysical Observatory, Harvard-Smithsonian Center for Astrophysics, Cambridge MA (USA)

2002 – 2003 Andrew Mellon Fellowship

Competitively awarded by The University of Pittsburgh, Pittsburgh PA (USA)

2001 – 2001 Zaccheus Daniels Fellowship

Competitively awarded by The University of Pittsburgh, Pittsburgh PA (USA)

DICHIARAZIONE

"Le informazioni contenute nel presente "curriculum vitae et studiorum" sono rese sotto la personale responsabilità del sottoscritto, ai sensi degli articoli 46 e 47 del Decreto del Presidente della Repubblica 28 dicembre 2000, numero 445, e successive modifiche ed integrazioni, consapevole della responsabilità penale prevista dall'articolo 76 del medesimo Decreto per le ipotesi di falsità in atti e dichiarazioni mendaci"

TORINO, lì 29/9/2023

FIRMA DEL DICHIARANTE

Summary of Research and Management Activity

1) Research

I have achieved an established reputation as world expert in the observational field of extrasolar planets, as my record of research, through collaborations, project leadership and ability to attract funding, undergraduate and graduate student and young postdoctoral researchers supervision, awards, and publications (detailed in the Curriculum Vitæ et Studiorum document to which this summary is attached) clearly demonstrate. Thanks to my early ground-breaking career achievements and scientific contributions to my own research field, I am today one of the few scientists who can master simultaneously the difficult "arts" of micro-arcsecond (μas) astrometry, very highprecision radial velocities, high-resolution spectroscopy and high-precision differential photometry, all needed to be at the forefront of extrasolar planet research. My research record encompasses a) 22 years of experience in preparing and conducting multi-technique programs to search for and characterize extrasolar planets and their host stars across a broad wavelength range, both from the ground and in space, b) 17 years of science-project management, and c) 15 years of participation to and coordination of over twenty consortia, research teams, working groups and work packages of space missions and ground-based programs devoted to exoplanet research.

I lead today at the Torino Astrophysical Observatory a research group on extrasolar planets presently (2023) including three permanent staff researchers III level (**A.S. Bonomo**, **M. Damasso**, P. **Giacobbe**), three postdoctoral fellows (**P. Cubillos**, **G. Guilluy**, **M. Pinamonti**), two PhD students (**M. Basilicata**, **L. Naponiello**, in co-supervision at the University of Rome Tor Vergata) and one master student. The main research lines of the group (see https://www.oato.inaf.it/ ricerca/aree-di-ricerca/stelle-ed-esopianeti/esopianeti/) focus on the detection of exoplanets and their characterization in terms of internal structure and atmosphere, using a variety of techniques (spectroscopy, astrometry, photometry) covering a large range of wavelengths (from visible to thermal infrared). The group deals with aspects of the 'demographics' of planetary systems, through investigations of the statistical properties (planetary frequencies, distributions of orbital and physical parameters) of the population. A further element of the group's activity focuses on the precise determination of the atmospheric (temperature, gravity, chemical composition) and physical (mass, radius, age) parameters of the host stars, which are key for the correct estimation of planetary parameters and for the study of possible star-planet interactions. The group is heavily involved in national and transnational projects for exoplanet detection characterization of exoplanets using world-class facilities both from the ground (HARPS@ESO-3.6m, HARPS-N@TNG, GIANO-B@TNG, ESPRESSO@VLT, PEPSI@LBT, SHARK@LBT, ANDES@ELT) and in space (Gaia, TESS, CHEOPS, PLATO, Ariel, JWST). Over the last 5 years members of our group have routinely led/co-led ground-breaking collaborative work published on the highest visibility journals (**Naponiello**, Mancini, **Sozzetti** et al. 2023, Nature; Su´arez Mascaren˜o, **Damasso**, Lodieu, **Sozzetti** et al. 2022, Nature Astronomy; **Giacobbe**, Brogi, Gandhi, **Cubillos**, **Bonomo**, **Sozzetti** et al. 2021, Nature; **Damasso**, Del Sordo, Anglada-Escud´e, **Giacobbe**, **Sozzetti** et al. 2020, Science Advances; **Bonomo**, Zeng, **Damasso** et al. 2019, Nature Astronomy).

Early Career: Main Achievements

Even before (1997-2000) starting PhD studies at the University of Pittsburgh (USA), I had already demonstrated independent creative thinking and capacity to go significantly beyond the state of the art, pioneering studies of the problem of identifying planets in the context of high-precision global (Lattanzi, Casertano, **Sozzetti** et al. 2000; **Sozzetti** et al. 2001) as well as narrow-angle (**Sozzetti** et al. 2002, 2003) astrometric observatories in space (Gaia and SIM), and contributing to the definition of the high-level requirements and scientific return for Gaia. During graduate school (2000-2005), I was the PI of a high-precision radial-velocity (RV) search for giant planets orbiting within 2 AU of a sample of 200 field metal-poor dwarfs with Keck/HIRES, providing a critical contribution to the understanding of the correlation between planet occurrence and stellar metallicity (**Sozzetti** et al. 2006a, 2009a; Mortier, Santos, **Sozzetti** et al. 2012), and shedding some light on additional correlations between planetary and stellar parameters (**Sozzetti** 2004). The leading author in the announcement of a Doppler-detected giant planet around a relatively young star (Sozzetti et al. 2006b), by the end of graduate school I had already published a review article on astrometric methods and instrumentation for planet detection (**Sozzetti** 2005).
During and after graduate studies (2005-2008), my interests widened to encompass confirmation Doppler follow-up analyses of candidate transiting planet systems discovered by wide-field groundbased transit searches. The co-discoverer of the first 7 transiting systems found by the TrES and HATNet surveys (Alonso et al. 2004; O'Donovan et al. 2006, 2007; Bakos et al. 2007; Torres et al. 2007; Kova´cs et al. 2007; Mandushev et al. 2007), I was involved in the first direct detection of photons from an extrasolar planet via pioneering measurements with the Spitzer space telescope of the transiting hot Jupiter TrES-1b during secondary eclipse (Charbonneau et al. 2005). As a postdoctoral fellow, I further developed my expertise on characterization measurements of stars with planets, through detailed analyses of their chemical composition, atmospheric parameters, and physical properties (**Sozzetti** et al. 2004, 2006c). I and my collaborators were the first to propose a new combined spectroscopic and photometric method (**Sozzetti** et al. 2007) to improve on the determination of stellar and planetary parameters of transiting planet systems, widely used now by the scientific community, and I critically contributed to new and expanded homogeneous spectroscopic and photometric analyses of large numbers of extrasolar transiting planets (**Sozzetti** et al. 2009b; Barbieri et al. 2009; Torres, Fischer, **Sozzetti** et al. 2012). These studies are connected by the common goal of improving the characterization of the physical and evolutionary properties of stars (particularly mass and radius) as a key step toward a better understanding of the characteristics and architectures of the exoplanetary systems they host.

Mid-Career: Main Achievements

During the second stage of my research career (2008 - present), and particularly after winning a research staff position at the Torino Astrophysical Observatory in 2011, I fully developed my skills for frontier research work, scientific management of small to mid-size national and international research teams (from a few people up to $\sim$ 70 researchers), and project leadership potential in my own research field. I initially strengthened my reputation as international expert in the field chairing in 2010 two major international conferences on a) multiple-planet systems as seen in context with our Solar System (competitively selected by the European Science Foundation) and b) on a broad range of topics of the astrophysics of planetary systems (selected by the International Astronomical Union as IAU Symposium 276). The proceedings of IAUS 276, of which I was chief Editor, were published by Cambridge University Press. I gained further recognition of my expertise at the national

and international level over the last decade by serving in panels and working groups charged with running roadmapping exercises (member, the Blue Dots community-based initiative (http://www. blue-dots.net/, 2008 - 2011); co-Chair, Panel on "Formation and Evolution of Planetary Systems" of the Science Vision & Infrastructure Roadmap of the ASTRONET Consortium (https://www. astronet-eu.org/, 2020 - current); co-Chair, sub-Working Group "Galaxy, stellar and planetary formation and evolution" of the Astrophysics Working Group of the Italian Space Agency, 2023 current), as well as in INAF's advisory bodies (member, Comitato Scientifico di Macroarea Tematica 2, 2015 - 2018; member, Scientific Advisory Council, 2018 - 2020). The deep ramifications of the impact of my work over the last 15 years can be further understood through the outstanding record of publications and ground-based as well as space-borne project PIship and Co-Iship in the realm of three major exoplanet detection and characterization techniques (astrometry, photometry, and high-resolution spectroscopy).

Astrometry - I have led re-analyses of Hipparcos astrometric data of stars with Doppler-detected brown-dwarf companions (**Sozzetti** & Desidera 2010) and spearheaded the two most up-to-date efforts to gauge the ability of Gaia to detect astrometrically giant planetary companions around nearby, bright stars of varied (F-G-K-M) spectral type (Casertano, Lattanzi, **Sozzetti** et al. 2008; Sozzetti et al. 2014). I have actively contributed to the definition of the exoplanet-related science case for two concepts of a fully differential space-borne astrometric instrument (Gai e al. 2012; Malbet et al. 2012), and I participated as Co-I and Co-PI to the preparation of the corresponding mission proposals that were submitted for the selection process of ESA's M3, M4, M5 and M7 missions as GAME/AGP and NEAT/Theia, respectively. Since 2006 I have been the manager of the Development Unit (DU437) within Coordination Unit 4 ("Object Processing") of the Gaia Data Processing and Analysis Consortium in charge of deriving accurate astrometric orbits of extrasolar planetary systems. I wrote one of the two orbit fitting codes run by DU437 in a fully Bayesian framework (differential evolution Markov chain Monte Carlo, DE-MCMC), and the first results of the astrometric processing of the orbits of substellar companions and extrasolar planets have appeared as part of the third major intermediate data release of the Gaia mission, Gaia DR3. In two papers accompanying DR3 (Holl, **Sozzetti** et al. 2023, Gaia Collaboration et al. 2023) I directly contributed to the correct identification with Gaia astrometry of a small batch of Doppler-detected giant planets, to the definition of the first sample of several tens of new exoplanets candidates (mostly orbiting around low-mass M dwarfs), and performed the first estimate of the occurrence rate of brown dwarf companions within a few AUs of low-mass stars in the Solar neighborhood. I am in charge of maintaining the full list of Gaia extrasolar planet candidates at https://www.cosmos.esa.int/ web/gaia/exoplanets. Most recently, a) I have led an exploration of the synergy potential between Gaia, Doppler spectroscopy and transit photometry for the correct identification of intermediateseparation, cold giant planets that Gaia astrometry will determine as possibly transiting (**Sozzetti** et al. 2023a), and b) I have combined radial velocity data and Hipparcos-Gaia DR3 proper motion anomaly information to measure the dynamical mass of a super-Jupiter companion at 3.5 AU from its M-dwarf primary that challenges standard giant planet formation models (**Sozzetti** 2023).

Photometry - From the ground, during the period 2013 - 2018 I was the PI of the APACHE (A PAthway to the Characterization of Habitable Planets) photometric transit search. The APACHE survey was the first Europe-based project targeting thousands of cool M stars to search for transiting super Earths and Neptune-type planets (**Sozzetti** et al. 2013). It employed an array of five identical

40-cm telescopes on a single platform at the site of the Astronomical Observatory of the Aosta Valley in the the Western Italian Alps. The APACHE survey data allowed to determine for the first time accurate rotation periods for over 100 M dwarfs (**Giacobbe** et al. 2020). Since 2014 I am a member of the science team of the system for coronagraphic imaging with high-order adaptive optics from R to K band (SHARK) for the Large Binocular Telescope (LBT). From space, as a Consortium member of ESA's M3 mission PLATO (Rauer et al. 2014), I am in charge of relevant work packages in support of the preparation of the main input catalogue ("Target Ranking", "Planets from Gaia Astrometry and Photometry") and of the exploitation of the science of exoplanets ("Planetary Systems Characteriztion"). As a member of the CHEOPS-Italy Payload Team I served in the target selection working group of ESA's CHEOPS Mission, and I am presently a member of the CHEOPS Telescope Allocation Committee (AO-3 and AO-4). As a member of the target selection working group of NASA's TESS mission (Ricker et al. 2014), I contributed to the definition of the main input catalog (Stassun et al. 2018) and to the identification of the catalog of exoplanet candidates from the TESS prime mission (Guerrero et al. 2021).

Doppler Spectroscopy - I have contributed to achieve important results based on the use of the high-resolution, high-precision, ultra-stable spectrograph HARPS on the ESO-3.6m telescope. I led the statistical interpretation of the results of a HARPS RV survey (of which I was the PI) to search for inner super Earths and Neptunes around solar-type stars known to host outer gas giants (Barbato, **Sozzetti** et al. 2018), I directly contributed to the interpretation of the results in the discovery announcement of a candidate cold super Earth at 1.5 AU from our nearest neighbor, Proxima Centauri and quantified the prospects for its astrometric detection with Gaia-only data (**Damasso** et al. 2020). Since 2011 I am one of the three Italian Co-Investigators (Co-I) of the HARPS-N GTO Consortium that has brought HARPS's twin, HARPS-N, on the Telescopio Nazionale Galileo (TNG). I served as Chairman of the HARPS-N GTO Science Team during the period 2015 - 2016. During the period 2013 - 2017 I was the Coordinator of the FP7-SPACE ETAEARTH Collaborative Project, that was competitively awarded 2 Me to carry out the scientific exploitation of the GTO program of the HARPS-N Consortium, in particular the detailed characterization (mass, radius and density determination) of terrestrial planetary systems using a combination of HARPS-N, Kepler, and Gaia data. The most relevant ETAEARTH project results in which I played a relevant role are the identification of the first Earth-sized planet with an Earth-like density, Kepler-78b (Pepe et al. 2013), and the characterization of the Kepler-101 system, composed of an inner hot Super Neptune and an outer Earth-sized companion (**Bonomo**, **Sozzetti** et al. 2014). In the continuation of the HARPS-N GTO program, I was directly involved in the characterization of the Kepler-107 multi-planet system, that contains two super Earths with identical radii but vastly different densities, the more massive one having a Mercury-like composition (**Bonomo** et al. 2019). The arrival of HARPS-N at the TNG coagulated the entire INAF community with an interest in exoplanet research under the GAPS (Global Architecture of Planetary Systems) Consortium. During the 2012-2017 time frame I was the PI of the GAPS long-term observing program with HARPS-N@TNG, a multi-faceted project (composed of six different sub-programs aimed at improving our understanding of the global architecture of planetary systems in connection with the physical properties of the stellar hosts and their environment. Over the course of the GAPS project, for which I served as Chairman of the Science Team during the period 2017 - 2019, I was directly involved in the refutation measurements of the existence of a system of giant planets around the very metal poor star HIP 11952 (Desidera, **Sozzetti** et al. 2013), I led the new investigation of the TrES-4 transiting planet system with HARPS-N RV data (**Sozzetti** et al. 2015), and

contributed directly to the discovery of two long-period giant planets around metal-poor stars (Barbato, **Sozzetti** et al. 2019) and to the final statistical analysis of the RV survey for low-mass planets around M dwarfs (**Pinamonti**, **Sozzetti** et al. 2022). Since 2018, during the continuation of the GAPS programme (GAPS2: the origin of planetary systems diversity) with HARPS-N and GIANO-B, as manager of the 'Special Objects' sub-project, I have been coordinating the survey program aimed at finding close-in low-mass companions around M dwarfs with known outer gas giants and the program on mass determination of Neptune-sized transit candidates from the TESS mission. I was particularly involved in the identification of an eccentric Neptune-mass planet near the inner edge of the BD-11 4672 habitable zone (Barbato, **Sozzetti** et al. 2020) in the characterization study of the planetary system around the G-type star TOI-1422, composed of a low-density, warm Neptune-sized planet and an outer Neptune-mass companion (**Naponiello** et al. 2022), and in the discovery of an ultra-short period planet with 85% of the radius of *Neptune* but 80% of the mass of *Saturn*, whose existence can only be explained via exotic formation channels, such as giant impacts (**Naponiello** et al. 2023). Within the context of the GAPS sub-project on planet detection and characterization around young stars, I directly contributed to the discovery of two high-density gas giants around the 20-Mr old star V1298 Tau, which provided evidence of much faster planetary contraction than previously thought (Sua´rez Mascaren˜o et al. 2022).

Since 2018 I have joined as Co-I the GTO Consortium of ESPRESSO, the high-resolution optical spectrograph for the VLT, and I am presently serving as Chairman of the ESPRESSO GTO Science Team. Within the framework of the ESPRESSO GTO scientific activities, I used my expertise on the combination of absolute astrometry and RVs and in dealing with the interpretation of complex RV signals produced by low-mass planetary systems (often in presence of complications posed by significant RV 'jitter' induced by stellar activity) to a) critically contribute to the characterization of the π Mensae planetary system by measuring the dynamical mass of the known long-period massive gas giant and determine a large mutual inclination between it and the close-in transiting super-Earth uncovered by the TESS mission (**Damasso**, **Sozzetti** et al. 2020) and b) lead the characterization study of the TOI-130 planetary system, uncovering the presence of a second non-transiting Neptunemass companion in addition to determining the density of the transiting sub-Neptune TOI-130b (**Sozzetti** et al. 2021). Several of the above works and results obtained with HARPS, HARPS-N and ESPRESSO constitute primary highlights of the ASI-INAF funded project "An inTerdisciplinary pAthway to the identification of Solar SystEm anaLogs" (TASSEL), of which I was PI during the period 2020-2023.

Most recently, within the context of the GAPS observing programme I have led a pilot study for the RV follow-up with HARPS-N of a small sample of astrometric planet candidates published with Gaia DR3. Intensive RV monitoring of HIP 66074 translated in the first spectacular confirmation of the Gaia planet candidate around it, which turned out to be the second most-eccentric planet ever detected, and the first astrometric discovery to be ever independently confirmed (**Sozzetti**, **Pinamonti**, **Damasso** et al. 2023b). I am now leading two larger-scale projects, focused on the systematic exploitation of the Gaia DR3 results on sub-stellar companions, in particular i) a statistical investigation of the occurrence rate of brown-dwarf companions around F-G-K-M dwarfs based on the combination of Gaia DR3 and RV survey data, and ii) the systematic RV search for inner low-mass planets in systems with Gaia astrometrically detected massive planets with a Large Programme competitively awarded with HARPS-N. The projects, funded by the Ministry of University and Research (PRIN MUR 2022, "The Demographics of Massive Planetary and Brown Dwarf Companions with Gaia DR3") and by INAF (Bando Astrofisica Fondamentale 2023, Large Grant "EXODEMO: The

Demographics of Planetary Systems with Solar System-Type Architectures"), respectively, will deliver the main results within the next two years.

Spectroscopy of Exoplanet Atmospheres - I have actively contributed to the development of the science case for the concept of a space telescope for exoplanet atmospheric characterization via low-resolution spectroscopy from the visible to mid-infrared (Tessenyi et al. 2012; Tinetti et al. 2012), and I participated as Co-I to the preparation of the two corresponding mission proposals that were submitted for the selection process of ESA's M3/M4 missions as EChO (selected by ESA for the M3 Phase A study) and Ariel (eventually selected as ESA's M4 mission), respectively. Within the Ariel mission Consortium I am active in particular in the working group in charge of assessing the requirements on precision in mass determination for Ariel targets in order to minimize interpretative degeneracies in the identification of atmospheric molecular abundances, and their ratios. I am a Co-I of a NIRSPEC/JWST program (#2319, PI M. Hooton) to perform atmospheric characterization measurements of three of the six small-planets orbiting the K dwarf TOI-178 in a Laplace chain (observations planned in late 2023) and of the HST Treasury Program SPACE (#17192, PI L. Kreidberg) that will combine STIS (UV) stellar characterization with WFC3 transmission spectroscopy for eight sub-Neptune systems (observations started in late 2022). Since 2013 I am a senior member of the Consortium in charge of building iLocater, a diffraction-limited high-resolution near-infrared sp`ectrograph for the LBT, leading the science theme on atmospheric characterization of Neptunes and sub-Neptunes. In 2014 I directly contributed to the definition of the science case of the GIANO near-infrared (nIR) high-resolution spectrograph on the TNG. I was the PI of the first project to use GIANO to perform transmission spectroscopy of the hot Jupiter HD 189733b, exploiting GIANO's unprecedented simultaneous wavelength coverage (0.9-2.45 μm). The successful detection of water (H_2O) in the planet's atmosphere (Brogi et al. 2018) constituted the pioneering demonstration of the effectiveness of a nIR high-resolution spectrograph mounted on a 4-m class telescope for characterization of hot planets' atmospheres. This result was soon followed by the identification of H_2O and, for the first time at high spectral resolution, methane (CH_4) in the dayside spectrum of the non-transiting hot Jupiter HD 102195b (**Guilluy**, **Sozzetti** et al. 2019), a work in which I played a critical role in terms of assessment of the statistical significance of the detections. These spectacular results helped boosting the case for the development and exploitation of the simultaneous observing mode with HARPS-N and the upgraded GIANO-B at TNG (GIARPS) for atmospheric characterization. Since 2018 the GAPS2 program has heavily invested in the systematic search for atoms and molecules in the atmospheres of hot planets with GIARPS. I have directly contributed to the planning, execution and interpretation of the test results aimed at assessing the reliability of molecular detections with GIANO-B through cross-correlation techniques and in the interpretation of the findings in terms of inferences on the formation and evolutionary paths in the three ground-breaking works that, before JWST, identified six, four, and five molecular species in the atmospheres of HD 209458b (**Giacobbe** et al. 2021), WASP-80b (Carleo et al. 2022), and WASP-69b (**Guilluy** et al. 2022), respectively. The assessment of possible scenarios of dis-equilibrium chemistry in the atmosphere of the warm Jupiter WASP-69b, including the interplay between thermo-chemical, quenching, and photochemical processes, is the objective of upcoming JWST Cycle 2 transmission spectroscopy observations with NIRSpec and MIRI/LRS (program #3712, PI **P. Cubillos**).

2) Management

I have overseen all phases of the management process of the funded research projects (in the range between ~ 100 keand ~ 2 Me) I have led over the course of almost two decades. These encompass a variety of tasks, which include: planning and determining courses of action, coordination and monitoring of activities, acquisition of hardware/software resources, hiring of personnel with nonpermanent contracts, scientific and financial reporting.

In my capacity as Deputy Director (Vicario) of the Osservatorio Astrofisico di Torino since March 2019, I have been delegated to manage a number of administrative tasks of variable complexity. These include a) actions and provisions that bind the administration towards the outside, including the exercise of the related spending powers. Most recently I have been in charge of several steps (identification of the external supplier, site inspection, technical documentation preparation for the negotiations within the Public Administration's Public Market, MEPA) in the process of acquisition and setup of display cases for old scientific instruments soon to be placed in a dedicated exhibition room on premises; b) actions and provisions with declarative, reconnaissance, verification, and noti-

fication functions. For example, I took up the role of local contact point during the latest exercise of Evaluation of the Quality of Research (VQR 2015-2019) promoted by the National Agency for the Evaluation of the University System and Research (ANVUR), performing the tasks of reconnaissance of the correct delivery and notification of incorrect steps taken in the preparation of products assigned to individual staff members. Most recently, I have verified progress in the re-distribution of duties and in the implementation of updates in aspects of the procedural tasks of the purchasing office (Ufficio Acquisti); 3) performing the functions (e.g., adopting resolutions) as Legal Representative of INAF, member of the Board of Trustees of the Association ApritiCielo, which manages Infini.to - Planetarium of Turin and Museum of Astronomy and Space.

TORINO, lì 29/9/2023

FIRMA DEL DICHIARANTE

Dr. Alessandro Sozzetti

Pubblicazioni in Riviste con Referee

1. Damasso M., Scandariato G., Nascimbeni V., Nardiello D., Mancini L., Marino G., Bruno G., Brandeker A., Leto G., Marzari F., Lanza A. F., Benatti S., Desidera S., B´ejar V. J. S., Biagini A., Borsato L., Cabona L., Claudi R., Lodieu N., Maggio A., Mallorqu´ın D´ıaz M., Messina S., Micela G., Ricci D., **Sozzetti A.**, Su´arez Mascaren˜o A., Turrini D., Zapatero Osorio M. R., (2023): "Photometric follow-up of the 20 Myr-old multiplanet host star V1298 Tau with CHEOPS and ground-based telescopes", A&A in press, arXiv:2309.14131. https://ui.adsabs.harvard.edu/abs/2023arXiv230914131D

2. Molaro P., Aguado D. S., Caffau E., Allende Prieto C., Bonifacio P., Gonzalez Hernandez J. I., Rebolo R., Zapatero Osorio M. R., Cristiani S., Pepe F., Santos N. C., Alibert Y., Cupani G., Di Marcantonio P., D'Odorico V., Lovis C., Martins C. J. A. P., Milakovic D., Murphy M., Nunes N. J., Schmidt T. M., Sousa S., **Sozzetti A.**, Su´arez Mascaren˜o A., (2023): "On the 12C/13C isotopic ratio at the dawn of chemical evolution", A&A in press, arXiv:2309.11664. https://ui.adsabs.harvard.edu/abs/2023arXiv230911664M

3. Yoshida S., Vissapragada S., Latham D. W., Bieryla A., Thorngren D. P., Eastman J. D., L´opez-Morales M., Barkaoui K., Beichmam C., Berlind P., Buchave L. A., Calkins M. L., Ciardi D. R., Collins K. A., Cosentino R., Crossfield I. J. M., Dai F., DiTomasso V., Dowling N., Esquerdo G. A., For´es-Toribio R., Ghedina A., Goliguzova M. V., Golub E., Gonzales E. J., Grau Horta F., Higuera J., Hoch N., Horne K., Howell S. B., Jenkins J. M., Klusmeyer J., Laloum D., Lissauer J. J., Logsdon S. E., Malavolta L., Matson R. A., Matthews E. C., McLeod K. K., Medina J. V., Mun˜oz J. A., Osborn H. P., Safonov B., Schlieder J., Schmidt M., Schweiker H., Seager S., **Sozzetti A.**, Srdoc G., Stef´ansson G., Strakhov I. A., Striegel S., Villasen˜or J., Winn J. N., (2023): "TESS Spots a Super-Puff: The Remarkably Low Density of TOI-1420b", AJ in press, arXiv:2309.09945. https://ui.adsabs.harvard.edu/abs/2023arXiv230909945Y

4. Naponiello L., Mancini L., **Sozzetti A.**, Bonomo A. S., Morbidelli A., Dou J., Zeng L., Leinhardt Z. M., Biazzo K., Cubillos P., Pinamonti M., Locci D., Maggio A., Damasso M., Lanza A. F., Lissauer J. J., Bignamini A., Boschin W., Bouma L. G., Carter P. J., Ciardi D. R., Collins K. A., Cosentino R., Crossfield I., Desidera S., Dumusque X., Fiorenzano A. F. M., Fukui A., Giacobbe P., Gnilka C. L., Ghedina A., Gonzales E., Guilluy G., Harutyunyan A., Howell S. B., Jenkins J. M., Lund M. B., Jensen E. L. N., Kielkopf J. F., Lester K. V., Malavolta L., Mann A. W., Matson R. A., Matthews E. C., Nardiello D., Narita N., Pace E., Pagano I., Palle E., Pedani M., Seager S., Schlieder J. E., Schwarz R. P., Shporer A., Twicken J. D., Winn J. N., Ziegler C., Zingales T., (2023): "A super-massive Neptune-sized planet", Nature in press, arXiv:2309.01464. https://ui.adsabs.harvard.edu/abs/2023arXiv230901464N

5. Damasso M., Rodrigues J., Castro-Gonz´alez A., Lavie B., Davoult J., Zapatero Osorio M. R., Dou J., Sousa S. G., Owen J. E., Sossi P., Adibekyan V., Osborn H., Leinhardt Z., Alibert Y., Lovis C., Delgado Mena E., **Sozzetti A.**, Barros S. C. C., Bossini D., Ziegler C., Ciardi D. R., Matthews E. C., Carter P. J., Lillo-Box J., Su´arez Mascaren˜o A., Cristiani S., Pepe F., Rebolo R., Santos N. C., Allende Prieto C., Benatti S., Bouchy F., Bricen˜o C., Di Marcantonio P., D'Odorico V., Dumusque X., Egger J. A., Ehrenreich D., Faria J., Figueira P., G´enova Santos R., Gonzales E. J., Gonz´alez Hern´andez J. I., Law N., Lo Curto G., Mann A. W., Martins C. J. A. P., Mehner A., Micela G., Molaro P., Nunes N. J., Palle E., Poretti E., Schlieder J. E., Udry S., (2023): "A compact multi-planet system transiting HIP 29442 (TOI-469) discovered by TESS and ESPRESSO. Radial velocities lead to the detection of transits with low signal-to-noise ratio", A&A in press, arXiv:2308.13310. https://ui.adsabs.harvard.edu/abs/2023arXiv230813310D

6. Stalport M., Cretignier M., Udry S., John A. A., Wilson T. G., Delisle J.-B., Bonomo A. S., Buchhave L. A., Charbonneau D., Dalal S., Damasso M., Di Fabrizio L., Dumusque X., Fiorenzano A., Harutyunyan A., Haywood R. D., Latham D. W., L´opez-Morales M., Lorenzi V., Lovis C., Malavolta L., Molinari E., Mortier A., Pedani M., Pepe F., Pinamonti M., Poretti E., Rice K., **Sozzetti A.**, (2023): "A review of planetary systems around HD 99492, HD 147379 and HD 190007 with HARPS-N", A&A in press, arXiv:2308.05669. https://ui.adsabs.harvard.edu/abs/2023arXiv230805669S

7. Turrini D., Marzari F., Polychroni D., Claudi R., Desidera S., Mesa D., Pinamonti **M., Sozzetti A.**, Su´arez Mascaren˜o A., Damasso M., Benatti S., Malavolta L., Micela G., Zinzi A., B´ejar V. J. S., Biazzo K., Bignamini A.,

Bonavita M., Borsa F., del Burgo C., Chauvin G., Delorme P., Gonz´alez Hern´andez J. I., Gratton R., Hagelberg J., Janson M., Langlois M., Lanza A. F., Lazzoni C., Lodieu N., Maggio A., Mancini L., Molinari E., Molinaro M., Murgas F., Nardiello D., (2023): "The GAPS program at TNG XLVII: The unusual formation history of V1298 Tau", A&A in press, arXiv:2307.08653. https://ui.adsabs.harvard.edu/abs/2023arXiv230708653T

8. Anna John A., Collier Cameron A., Faria J. P., Mortier A., Wilson T. G., Malavolta L., Buchhave L. A., Dumusque X., L´opez-Morales M., Haywood R. D., Rice K., **Sozzetti A.**, Latham D. W., Udry S., Pepe F., Pinamonti M., Vanderburg A., Ghedina A., Cosentino R., Stalport M., Nicholson B. A., Fiorenzano A., Poretti E., (2023): "Sub-m s^{-1} upper limits from a deep HARPS-N radial-velocity search for planets orbiting HD 166620 and HD 144579", Monthly Notices of the Royal Astronomical Society, 525, 1687.
https://ui.adsabs.harvard.edu/abs/2023MNRAS.525.1687A

9. **Sozzetti A.**, Pinamonti M., Damasso M., Desidera S., Biazzo K., Bonomo A. S., Nardiello D., Gratton R., Lanza A. F., Malavolta L., Giacobbe P., Affer L., Bignamini A., Borsa F., Boschin W., Brogi M., Cabona L., Claudi R., Covino E., Di Fabrizio L., Ghedina A., Harutyunyan A., Knapic C., Maldonado J., Maggio A., Mancini L., Mantovan G., Marzari F., Messina S., Micela G., Molinari E., Montalto M., Naponiello L., Pagano I., Pedani M., Piotto G., Poretti E., Scandariato G., Silvotti R., Turrini D., (2023): "The GAPS Programme at TNG. XLVII. A conundrum resolved: HIP 66074b/Gaia-3b characterised as a massive giant planet on a quasi-face-on and extremely elongated orbit", Astronomy and Astrophysics, 677, L15. https://ui.adsabs.harvard.edu/abs/2023A&A...677L..15S

10. Pinamonti M., Barbato D., **Sozzetti A.**, Affer L., Benatti S., Biazzo K., Bignamini A., Borsa F., Damasso M., Desidera S., Lanza A. F., Maldonado J., Mancini L., Naponiello L., Nardiello D., Rainer M., Cabona L., Knapic C., Andreuzzi G., Cosentino R., Fiorenzano A., Ghedina A., Harutyunyan A., Lorenzi V., Pedani M., Claudi R., Covino E., Maggio A., Micela G., Molinari E., Pagano I., Piotto G., Poretti E., (2023): "The GAPS programme at TNG. XLVI. Deep search for low-mass planets in late-dwarf systems hosting cold Jupiters", Astronomy and Astrophysics, 677, A122.
https://ui.adsabs.harvard.edu/abs/2023A&A...677A.122P

11. Bonomo A. S., Dumusque X., Massa A., Mortier A., Bongiolatti R., Malavolta L., **Sozzetti A.**, Buchhave L. A., Damasso M., Haywood R. D., Morbidelli A., Latham D. W., Molinari E., Pepe F., Poretti E., Udry S., Affer L., Boschin W., Charbonneau D., Cosentino R., Cretignier M., Ghedina A., Lega E., L´opez-Morales M., Margini M., Mart´ınez Fiorenzano A. F., Mayor M., Micela G., Pedani M., Pinamonti M., Rice K., Sasselov D., Tronsgaard R., Vanderburg A., (2023): "Cold Jupiters and improved masses in 38 Kepler and K2 small planet systems from 3661 HARPS-N radial velocities. No excess of cold Jupiters in small planet systems", Astronomy and Astrophysics, 677, A33.
https://ui.adsabs.harvard.edu/abs/2023A&A...677A..33B

12. Guilluy G., Bourrier V., Jaziri Y., Dethier W., Mounzer D., Giacobbe P., Attia O., Allart R., Bonomo A. S., Dos Santos L. A., Rainer M., **Sozzetti A.**, (2023): "DREAM. III. A helium survey in exoplanets on the edge of the hot Neptune desert with GIANO-B at TNG", Astronomy and Astrophysics, 676, A130. https://ui.adsabs.harvard.edu/abs/2023A&A...676A.130G

13. Fossati L., Biassoni F., Cappello G. M., Borsa F., Shulyak D., Bonomo A. S., Gandolfi D., Haardt F., Koskinen T., Lanza A. F., Nascimbeni V., Sicilia D., Young M., Aresu G., Bignamini A., Brogi M., Carleo I., Claudi R., Cosentino R., Guilluy G., Knapic C., Malavolta L., Mancini L., Nardiello D., Pinamonti M., Pino L., Poretti E., Rainer M., Rigamonti F., **Sozzetti A.**, (2023): "The GAPS programme at TNG. XLV. HI Balmer lines transmission spectroscopy and NLTE atmospheric modelling of the ultra-hot Jupiter KELT20b/MASCARA-2b", Astronomy and Astrophysics, 676, A99. https://ui.adsabs.harvard.edu/abs/2023A&A...676A..99F

14. Rainer M., Desidera S., Borsa F., Barbato D., Biazzo K., Bonomo A., Gratton R., Messina S., Scandariato G., Affer L., Benatti S., Carleo I., Cabona L., Covino E., Lanza A. F., Ligi R., Maldonado J., Mancini L., Nardiello D., Sicilia D., **Sozzetti A.**, Bignamini A., Cosentino R., Knapic C., Mart´ınez Fiorenzano A. F., Molinari E., Pedani M., Poretti E., (2023): "The GAPS programme at TNG. XLIV. Projected rotational velocities of 273 exoplanet-host

stars observed with HARPS-N", Astronomy and Astrophysics, 676, A90.
https://ui.adsabs.harvard.edu/abs/2023A&A...676A..90R

15. Kunimoto M., Vanderburg A., Huang C. X., Davis M. R., Affer L., Cameron A. C., Charbonneau D., Cosentino R., Damasso M., Dumusque X., Fiorenzano A. F. M., Ghedina A., Haywood R. D., Lienhard F., L´opez-Morales M., Mayor M., Pepe F., Pinamonti M., Poretti E., Maldonado J., Rice K., **Sozzetti A.**, Wilson T. G., Udry S., Baptista J., Barkaoui K., Becker J., Benni P., Bieryla A., Bosch-Cabot P., Ciardi D. R., Collins K. A., Collins K. I., Evans E., Dupuy T. J., Goliguzova M. V., Guerra P., Kraus A., Lissauer J. J., Huber D., Murgas F., Palle E., Quinn S. N., Safonov B. S., Schwarz R. P., Shporer A., Stassun K. G., Jenkins J. M., Latham D. W., Ricker G. R., Seager S., Vanderspek R., Winn J., Essack Z., Lewis H. M., Rose M. E., (2023): "TOI-4010: A System of Three Large Short-period Planets with a Massive Long-period Companion", The Astronomical Journal, 166, 7.
https://ui.adsabs.harvard.edu/abs/2023AJ....166....7K

16. Desidera S., Damasso M., Gratton R., Benatti S., Nardiello D., D'Orazi V., Lanza A. F., Locci D., Marzari F., Mesa D., Messina S., Pillitteri I., **Sozzetti A.**, Girard J., Maggio A., Micela G., Malavolta L., Nascimbeni V., Pinamonti M., Squicciarini V., Alcal´a J., Biazzo K., Bohn A., Bonavita M., Brooks K., Chauvin G., Covino E., Delorme P., Hagelberg J., Janson M., Lagrange A.-M., Lazzoni C., (2023): "TOI-179: A young system with a transiting compact Neptune-mass planet and a low-mass companion in outer orbit", Astronomy and Astrophysics, 675, A158.
https://ui.adsabs.harvard.edu/abs/2023A&A...675A.158D

17. Castro-Gonz´alez A., Demangeon O. D. S., Lillo-Box J., Lovis C., Lavie B., Adibekyan V., Acun˜a L., Deleuil M., Aguichine A., Zapatero Osorio M. R., Tabernero H. M., Davoult J., Alibert Y., Santos N., Sousa S. G., Antoniadis-Karnavas A., Borsa F., Winn J. N., Allende Prieto C., Figueira P., Jenkins J. M., **Sozzetti A.**, Damasso M., Silva A. M., Astudillo-Defru N., Barros S. C. C., Bonfils X., Cristiani S., Di Marcantonio P., Gonz´alez Hern´andez J. I., Curto G. L., Martins C. J. A. P., Nunes N. J., Palle E., Pepe F., Seager S., Su´arez Mascaren˜o A., (2023): "An unusually low-density super-Earth transiting the bright early-type M-dwarf GJ 1018 (TOI-244)", Astronomy and Astrophysics, 675, A52. https://ui.adsabs.harvard.edu/abs/2023A&A...675A..52C

18. Mayo A. W., Dressing C. D., Vanderburg A., Fortenbach C. D., Lienhard F., Malavolta L., Mortier A., Nu´n˜ez A., Richey-Yowell T., Turtelboom E. V., Bonomo A. S., Latham D. W., L´opez-Morales M., Shkolnik E., **Sozzetti A.**, Agu¨eros M. A., Borsato L., Charbonneau D., Cosentino R., Douglas S. T., Dumusque X., Ghedina A., Gibson R., Granata V., Harutyunyan A., Haywood R. D., Lacedelli G., Lorenzi V., Magazzu` A., Martinez Fiorenzano A. F., Micela G., Molinari E., Montalto M., Nardiello D., Nascimbeni V., Pagano I., Piotto G., Pino L., Poretti E., Scandariato G., Udry S., Buchhave L. A., (2023): "Hyades Member K2-136c: The Smallest Planet in an Open Cluster with a Precisely Measured Mass", The Astronomical Journal, 165, 235. https://ui.adsabs.harvard.edu/abs/2023AJ....165..235M

19. Maldonado J., Petralia A., Mantovan G., Rainer M., Lanza A. F., Di Maio C., Colombo S., Nardiello D., Benatti S., Borsato L., Carleo I., Desidera S., Micela G., Nascimbeni V., Malavolta L., Damasso M., **Sozzetti A.**, Affer L., Biazzo K., Bignamini A., Bonomo A. S., Borsa F., Lund M. B., Mancini L., Molinari E., Molinaro M., (2023): "The GAPS programme at TNG. XLIII. A massive brown dwarf orbiting the active M dwarf TOI-5375", Astronomy and Astrophysics, 674, A132. https://ui.adsabs.harvard.edu/abs/2023A&A...674A.132M

20. Scandariato G., Borsa F., Bonomo A. S., Gaudi B. S., Henning T., Ilyin I., Johnson M. C., Malavolta L., Mallonn M., Molaverdikhani K., Nascimbeni V., Patience J., Pino L., Poppenhaeger K., Schlawin E., Shkolnik E. L., Sicilia D., **Sozzetti A.**, Strassmeier K. G., Veillet C., Wang J., Yan F., (2023): "The PEPSI Exoplanet Transit Survey (PETS). III. The detection of Fe I, Cr I, and Ti I in the atmosphere of MASCARA-1 b through high-resolution emission spectroscopy", Astronomy and Astrophysics, 674, A58.
https://ui.adsabs.harvard.edu/abs/2023A&A...674A..58S

21. Gaia Collaboration, Bailer-Jones C. A. L., Teyssier D., Delchambre L., Ducourant C., Garabato D., Hatzidimitriou D., Klioner S. A., Rimoldini L., Bellas-Velidis I., Carballo R., Carnerero M. I., Diener C., Fouesneau M., Galluccio L.,

Gavras P., Krone-Martins A., Raiteri C. M., Teixeira R., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Biermann M., Creevey O. L., Evans D. W., Eyer L., Guerra R., Hutton A., Jordi C., Lammers U. L., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Tanga P., Walton N. A., Bastian U., Drimmel R., Jansen F., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., De Angeli F., Fabricius C., Fr´emat Y., Guerrier A., Heiter U., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Th´evenin F., Gracia-Abril G., Portell J., Altmann M., Andrae R., Audard M., Benson K., Berthier J., Blomme R., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., de Teodoro P., Nun˜ez Campos M., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garc´ıa-Lario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Reyl´e C., Riello M., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am´ P., Abreu Aramburu A., Aerts C., Aguado J. J., Ajaj M., Aldea-Montero F., Altavilla G., Alvarez M. A.,´ Alves J., Anderson R. I., Anglada Varela E., Antoja T., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Becciani U., Bellazzini M., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cantat-Gaudin T., Carlucci T., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Diakite S., Distefano E., Dolding C., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., Hilger T., H ladczuk N., Hobbs D., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P., Khanna S., Kon-´ tizas M., Kordopatis G., Korn A. J., K´osp´al A., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Kun M., Laizeau´ P., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R., Morel T., Morris D., Muraveva T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palaversa L., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Richards P. J., Rios Diaz C., Ripepi V., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Ruz Mieres D., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zwitter T., (2023): "Gaia Data Release 3. The extragalactic content", Astronomy and Astrophysics, 674, A41.
https://ui.adsabs.harvard.edu/abs/2023A&A...674A..41G

22. Gaia Collaboration, Schultheis M., Zhao H., Zwitter T., Marshall D. J., Drimmel R., Fr´emat Y., Bailer-Jones C. A. L., Recio-Blanco A., Kordopatis G., de Laverny P., Andrae R., Dharmawardena T. E., Fouesneau M., Sordo R., Brown

A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Biermann M., Creevey O. L., Ducourant C., Evans D. W., Eyer L., Guerra R., Hutton A., Jordi C., Klioner S. A., Lammers U. L., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Tanga P., Walton N. A., Bastian U., Jansen F., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., De Angeli F., Fabricius C., Galluccio L., Guerrier A., Heiter U., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., de Teodoro P., Nun˜ez Campos M., Delchambre L., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garabato D., Garc´ıa-Lario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pancino E., Pauwels T., Reyl´e C., Riello M., Rimoldini L., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am P., Abreu Aramburu A., Aerts C., Aguado J. J., Ajaj M., Aldea-Montero´

F., Altavilla G., Alvarez M. A., Alves J., Anders F., Anderson R. I., Anglada Varela E., Antoja T., Baines D.,´ Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Becciani U., Bellazzini M., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., De Luise F., De March R., De Ridder J., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delisle J.-B., Demouchy C., Diakite S., Diener C., Distefano E., Dolding C., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Juaristi´ Campillo J., Julbe F., Karbevska L., Kervella P., Khanna S., Korn A. J., K´osp´al A., Kostrzewa-Rutkowska´ Z., Kruszyn´ska K., Kun M., Laizeau P., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Martin Polo L., Mart´ın-Fleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R., Morel T., Morris D., Muraveva T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palaversa L., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Richards P. J., Rios Diaz C., Ripepi V., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Ruz Mieres D., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Teixeira R., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zorec J., Zucker S., (2023): "Gaia Data Release 3. Exploring and mapping the diffuse interstellar band at 862 nm", Astronomy and Astrophysics, 674, A40. https://ui.adsabs.harvard.edu/abs/2023A&A...674A..40G

23. Gaia Collaboration, Creevey O. L., Sarro L. M., Lobel A., Pancino E., Andrae R., Smart R. L., Clementini

G., Heiter U., Korn A. J., Fouesneau M., Fr´emat Y., De Angeli F., Vallenari A., Harrison D. L., Th´evenin F., Reyl´e C., Sordo R., Garofalo A., Brown A. G. A., Eyer L., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Biermann M., Ducourant C., Evans D. W., Guerra R., Hutton A., Jordi C., Klioner S. A., Lammers U. L., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Tanga P., Walton N. A., Bailer-Jones C. A. L., Bastian U., Drimmel R., Jansen F., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., Fabricius C., Galluccio L., Guerrier A., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Damerdji Y., Davidson M., de Teodoro P., Nun˜ez Campos M., Delchambre L., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garabato D., Garc´ıa-Lario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pauwels T., Recio-Blanco A., Riello M., Rimoldini L., Roegiers T., Rybizki J., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am P., Abreu Aramburu A., Aerts C.,´ Aguado J. J., Ajaj M., Aldea-Montero F., Altavilla G., Alvarez M. A., Alves J., Anders F., Anderson R. I.,´ Anglada Varela E., Antoja T., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Becciani U., Bellazzini M., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Gavel A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Hilger T., Sarmiento M. H., Hidalgo S. L., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Juaristi Campillo J., Julbe F.,´ Karbevska L., Kervella P., Khanna S., Kordopatis G., K´osp´al A., Kostrzewa-Rutkowska Z., Kruszyn´ska K.,´ Kun M., Laizeau P., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R., Morel T., Morris D., Muraveva T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palaversa L., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Richards P. J., Rios Diaz C., Ripepi V., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Ruz Mieres D., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor
M. B., Teixeira R., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zwitter T., (2023): "Gaia Data Release 3. A golden sample of astrophysical parameters", Astronomy and Astrophysics, 674, A39.
https://ui.adsabs.harvard.edu/abs/2023A&A...674A..39G

24. Gaia Collaboration, Recio-Blanco A., Kordopatis G., de Laverny P., Palicio P. A., Spagna A., Spina L., Katz D., Re Fiorentin P., Poggio E., McMillan P. J., Vallenari A., Lattanzi M. G., Seabroke G. M., Casamiquela L., Bragaglia A., Antoja T., Bailer-Jones C. A. L., Schultheis M., Andrae R., Fouesneau M., Cropper M., Cantat-Gaudin T., Bijaoui A., Heiter U., Brown A. G. A., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Biermann M., Creevey O. L., Ducourant C., Evans D. W., Eyer L., Guerra R., Hutton A., Jordi C., Klioner S. A., Lammers U. L., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Tanga P., Walton N. A., Bastian U., Drimmel R., Jansen F., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., De Angeli F., Fabricius C., Fr´emat Y., Galluccio L., Guerrier A., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Sordo R., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., de Teodoro P., Nun˜ez Campos M., Delchambre L., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garabato D., Garc´ıa-Lario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pancino E., Pauwels T., Reyl´e C., Riello M., Rimoldini L., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am P., Abreu Aramburu A., Aerts C., Aguado J. J., Ajaj M., Aldea-Montero F., Altavilla´ G., Alvarez M. A., Alves J., Anders F., Anderson R. I., Anglada Varela E., Baines D., Baker S. G., Balaguer-´ Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Becciani U., Bellazzini M., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., De Luise F., De March R., De Ridder J., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Edvardsson B., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Juaristi Campillo J., Julbe F., Karbevska L.,´ Kervella P., Khanna S., Korn A. J., K´osp´al A., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Kun M., Laizeau´ P., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R., Morel T., Morris D., Muraveva T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palaversa L., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Ramos P., Ramos-Lerate M., Regibo S., Richards P. J., Rios Diaz C., Ripepi V., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Ruz Mieres D., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert
A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Teixeira R., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski
L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zwitter T., (2023): "Gaia Data Release 3. Chemical cartography of the Milky Way", Astronomy and Astrophysics, 674, A38. https://ui.adsabs.harvard.edu/abs/2023A&A...674A..38G

25. Gaia Collaboration, Drimmel R., Romero-G´omez M., Chemin L., Ramos P., Poggio E., Ripepi V., Andrae R., Blomme R., Cantat-Gaudin T., Castro-Ginard A., Clementini G., Figueras F., Fouesneau M., Fr´emat Y., Jardine K., Khanna S., Lobel A., Marshall D. J., Muraveva T., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Biermann M., Creevey O. L., Ducourant C., Evans D. W., Eyer L.,
Guerra R., Hutton A., Jordi C., Klioner S. A., Lammers U. L., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Tanga P., Walton N. A., Bailer-Jones C. A. L., Bastian U., Jansen F., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., De Angeli F., Fabricius C., Galluccio L., Guerrier A., Heiter U., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Audard M., Bellas-Velidis I., Benson K., Berthier J., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Damerdji Y., Davidson M., de Teodoro P., Nun˜ez Campos M., Delchambre L., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garabato D., Garc´ıa-Lario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Reyl´e C., Riello M., Rimoldini L., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am P., Abreu Aramburu A., Aerts´ C., Aguado J. J., Ajaj M., Aldea-Montero F., Altavilla G., Alvarez M. A., Alves J., Anders F., Anderson R.´ I., Anglada Varela E., Antoja T., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Becciani U., Bellazzini M., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Chaoul L., Charlot P., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enezArranz O., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P., Kordopatis G., Korn A. J., K´osp´al´ A.,´ Kostrzewa-Rutkowska Z., Kruszyn´ska K., Kun M., Laizeau P., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Martin Polo L., Mart´ın-Fleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R., Morel T., Morris D., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palaversa L., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Ramos-Lerate M., Re Fiorentin P., Regibo S., Richards P. J., Rios Diaz C., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Rowell N., Royer F., Ruz Mieres D., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez
V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M. S., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Teixeira R., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zwitter T., (2023): "Gaia Data Release 3. Mapping the asymmetric disc of the Milky Way", Astronomy and Astrophysics, 674, A37.
https://ui.adsabs.harvard.edu/abs/2023A&A...674A..37G

26. Gaia Collaboration, De Ridder J., Ripepi V., Aerts C., Palaversa L., Eyer L., Holl B., Audard M., Rimoldini L., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Biermann M., Creevey O. L., Ducourant C., Evans D. W., Guerra R., Hutton A., Jordi C., Klioner S. A., Lammers U. L., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Tanga P., Walton N. A., Bailer-Jones C. A. L., Bastian U., Drimmel R., Jansen F., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., De Angeli F., Fabricius C., Fouesneau M., Fr´emat Y., Galluccio L., Guerrier A., Heiter U., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Andrae R., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., de Teodoro P., Nun˜ez Campos M., Delchambre L., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garabato D., Garc´ıa-Lario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hilger T., Hodgkin S. T., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Reyl´e C., Riello M., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am P., Abreu Aramburu´ A., Aguado J. J., Ajaj M., Aldea-Montero F., Altavilla G., Alvarez M. A., Alves J., Anders F., Anderson R.´ I., Anglada Varela E., Antoja T., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Becciani U., Bellazzini M., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., de Laverny P., De Luise F., De March R., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Diakite S., Diener C., Distefano E., Dolding C., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P.,´ Khanna S., Kordopatis G., Korn A. J., K´osp´al A., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Kun M., Laizeau´ P., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R., Morel T., Morris D., Muraveva T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Richards P. J., Rios Diaz C., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens
M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Ruz Mieres D., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Teixeira R., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., vanDillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zwitter T., (2023): "Gaia Data Release 3. Pulsations in main sequence OBAF-type stars", Astronomy and Astrophysics, 674, A36.
https://ui.adsabs.harvard.edu/abs/2023A&A...674A..36G

27. Gaia Collaboration, Galluccio L., Delbo M., De Angeli F., Pauwels T., Tanga P., Mignard F., Cellino A., Brown A. G. A., Muinonen K., Penttil¨a A., Jordan S., Vallenari A., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Biermann M., Creevey O. L., Ducourant C., Evans D. W., Eyer L., Guerra R., Hutton A., Jordi C., Klioner S. A., Lammers U. L., Lindegren L., Luri X., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Walton N. A., Bailer-Jones C. A. L., Bastian U., Drimmel R., Jansen F., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., Fabricius C., Fouesneau M., Fr´emat Y., Guerrier A., Heiter U., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cheek N., Clementini G., Damerdji Y., Davidson M., de Teodoro P., Nun˜ez Campos M., Delchambre L., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garabato D., Garc´ıa-Lario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Osborne P., Pancino E., Recio-Blanco A., Reyl´e C., Riello M., Rimoldini L., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am P., Abreu Aramburu A., Aerts C., Aguado J. J., Ajaj´ M., Aldea-Montero F., Altavilla G., Alvarez M. A., Alves J., Anderson R. I., Anglada Varela E., Antoja´ T., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Becciani U., Bellazzini M., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delgado A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Diakite S., Diener C., Distefano E., Dolding C., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., H ladczuk N., Hobbs D., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P., Khanna S., Kordopatis G.,´ Korn A. J., K´osp´al A., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Kun M., Laizeau P., Lambert S., Lanza´ A. F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ınFleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R., Morel T., Morris D., Muraveva T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palaversa L., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Petit J.-M., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero
E., Ragaini S., Rainer M., Raiteri C. M., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Richards P. J., Rios Diaz C., Ripepi V., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Ruz Mieres D., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Teixeira R., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zwitter T., (2023): "Gaia Data Release 3. Reflectance spectra of Solar System small bodies", Astronomy and Astrophysics, 674, A35.
https://ui.adsabs.harvard.edu/abs/2023A&A...674A..35G

28. Gaia Collaboration, Arenou F., Babusiaux C., Barstow M. A., Faigler S., Jorissen A., Kervella P., Mazeh T., Mowlavi N., Panuzzo P., Sahlmann J., Shahaf S., **Sozzetti A.**, Bauchet N., Damerdji Y., Gavras P., Giacobbe P., Gosset E., Halbwachs J.-L., Holl B., Lattanzi M. G., Leclerc N., Morel T., Pourbaix D., Re Fiorentin P., Sadowski G., S´egransan D., Siopis C., Teyssier D., Zwitter T., Planquart L., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Biermann M., Creevey O. L., Ducourant C., Evans D. W., Eyer L., Guerra R., Hutton A., Jordi C., Klioner S. A., Lammers U. L., Lindegren L., Luri X., Mignard F., Panem C., Randich S., Sartoretti P., Soubiran C., Tanga P., Walton N. A., Bailer-Jones C. A. L., Bastian U., Drimmel R., Jansen
F., Katz D., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., De Angeli F., Fabricius C., Fouesneau M., Fr´emat Y., Galluccio L., Guerrier A., Heiter U., Masana E., Messineo R., Nicolas C., Nienartowicz K., Pailler F., Riclet F., Roux W., Seabroke G. M., Sordo R., Th´evenin F., Gracia-Abril G., Portell J., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Clementini G., Davidson M., de Teodoro P., Nun˜ez Campos M., Delchambre L., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garabato D., Garc´ıaLario P., Haigron R., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Reyl´e C., Riello M., Rimoldini L., Roegiers T., Rybizki J., Sarro L. M., Smith M., Utrilla E., van Leeuwen M., Abbas U., Abrah´am´ P., Abreu Aramburu A., Aerts C., Aguado J. J., Ajaj M., Aldea-Montero F., Altavilla G., Alvarez M. A.,´ Alves J., Anders F., Anderson R. I., Anglada Varela E., Antoja T., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Bartolom´e S., Bassilana J.-L., Becciani U., Bellazzini M., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Blazere A., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Diakite S., Diener C., Distefano E., Dolding C., Enke H., Fabre C., Fabrizio M., Fedorets G., Fernique P., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gerlach E., Geyer R., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., Hilger T., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Juaristi Campillo J., Julbe F., Karbevska´ L., Khanna S., Kordopatis G., Korn A. J., K´osp´al A., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Kun M.,´ Laizeau P., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., McMillan P. J., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R., Morris D., Muraveva
T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palaversa L., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Ramos P., Ramos-Lerate M., Regibo S., Richards P. J., Rios Diaz C., Ripepi V., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Ruz Mieres D., Rybicki K. A., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., Semeux D., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Teixeira R., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., (2023): "Gaia Data Release 3. Stellar multiplicity, a teaser for the hidden treasure", Astronomy and Astrophysics, 674, A34. https://ui.adsabs.harvard.edu/abs/2023A&A...674A..34G

29. Gaia Collaboration, Montegriffo P., Bellazzini M., De Angeli F., Andrae R., Barstow M. A., Bossini D., Bragaglia A., Burgess P. W., Cacciari C., Carrasco J. M., Chornay N., Delchambre L., Evans D. W., Fouesneau M., Fr´emat Y., Garabato D., Jordi C., Manteiga M., Massari D., Palaversa L., Pancino E., Riello M., Ruz Mieres D., Sanna N., Santoven˜a R., Sordo R., Vallenari A., Walton N. A., Brown A. G. A., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Biermann M., Creevey O. L., Ducourant C., Eyer L., Guerra R., Hutton A., Klioner S. A., Lammers U. L., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Tanga P., Bailer-Jones C. A. L., Bastian U., Drimmel R., Jansen F., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Castan˜eda J., Fabricius C., Galluccio L., Guerrier A., Heiter U., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., de Teodoro P., Nun˜ez Campos M., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garc´ıa-Lario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pauwels T., Recio-Blanco A., Reyl´e C., Rimoldini L., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am´ P., Abreu Aramburu A., Aerts C., Aguado J. J., Ajaj M., Aldea-Montero F., Altavilla G., Alvarez M. A.,´ Alves J., Anderson R. I., Anglada Varela E., Antoja T., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Bartolom´e S., Bassilana J.-L., Bauchet N., Becciani U., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Boch T., Bombrun A., Bouquillon S., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Casamiquela L., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Diakite S., Diener C., Distefano E., Dolding C., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., H ladczuk N., Hobbs D., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P., Khanna S., Kordopatis G.,´ Korn A. J., K´osp´al A., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Kun M., Laizeau P., Lambert S., Lanza A.´ F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstr´om H. E. P., Lister T. A., Livanou E., Lobel A., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M.,

Marton G., Mary N., Masip A., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Michalik

D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montero A., Mor R., Mora A., Morbidelli R., Morel T., Morris D., Muraveva T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Richards P. J., Rios Diaz C., Ripepi V., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez V., Sarasso M., Schultheis M. S., Sciacca E., Segol

M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Teixeira R., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zwitter T., (2023): "Gaia Data Release

3. The Galaxy in your preferred colours: Synthetic photometry from Gaia low-resolution spectra", Astronomy and Astrophysics, 674, A33. https://ui.adsabs.harvard.edu/abs/2023A&A...674A..33G

30. Holl B., Fabricius C., Portell J., Lindegren L., Panuzzo P., Bernet M., Castan˜eda J., Jevardat de Fombelle G., Audard M., Ducourant C., Harrison D. L., Evans D. W., Busso G., **Sozzetti A.**, Gosset E., Arenou F., De Angeli F., Riello M., Eyer L., Rimoldini L., Gavras P., Mowlavi N., Nienartowicz K., Lecoeur-Ta¨ıbi I., Garc´ıa-Lario P., Pourbaix D., (2023): "Gaia Data Release 3. Gaia scan-angle-dependent signals and spurious periods", Astronomy and Astrophysics, 674, A25. https://ui.adsabs.harvard.edu/abs/2023A&A...674A..25H

31. Holl B., **Sozzetti A.**, Sahlmann J., Giacobbe P., S´egransan D., Unger N., Delisle J.-B., Barbato D., Lattanzi M. G., Morbidelli R., Sosnowska D., (2023): "Gaia Data Release 3. Astrometric orbit determination with Markov chain Monte Carlo and genetic algorithms: Systems with stellar, sub-stellar, and planetary mass companions", Astronomy and Astrophysics, 674, A10. https://ui.adsabs.harvard.edu/abs/2023A&A...674A..10H

32. Gaia Collaboration, Vallenari A., Brown A. G. A., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Biermann M., Creevey O. L., Ducourant C., Evans D. W., Eyer L., Guerra R., Hutton A., Jordi C., Klioner S. A., Lammers U. L., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Tanga P., Walton N. A., Bailer-Jones C. A. L., Bastian U., Drimmel R., Jansen F., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., De Angeli F., Fabricius C., Fouesneau M., Fr´emat Y., Galluccio L., Guerrier A., Heiter U., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., de Teodoro P., Nun˜ez Campos M., Delchambre L., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garabato D., Garc´ıa-Lario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Reyl´e C., Riello M., Rimoldini L., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am P., Abreu Aramburu A., Aerts C., Aguado J. J., Ajaj M., Aldea-Montero´ F., Altavilla G., Alvarez M. A., Alves J., Anders F., Anderson R. I., Anglada Varela E., Antoja T., Baines´
D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Becciani U., Bellazzini M., Berihuete A., Bernet M., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Blazere A., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David M., David P., de Laverny
P., De Luise F., De March R., De Ridder J., de Souza R., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Edvardsson B., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Fienga A., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Gonz´alez-Vidal J. J., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., Hilger T., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Jorissen A.,´ Juaristi Campillo J., Julbe F., Karbevska L., Kervella P., Khanna S., Kontizas M., Kordopatis G., Korn A. J., K´osp´al A., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Kun M., Laizeau P., Lambert S., Lanza A. F., Lasne´ Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Marcos Santos M. M. S., Mar´ın Pina D., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R.,

Morel T., Morris D., Muraveva T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palaversa L., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Rambaux N., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Richards P. J., Rios Diaz C., Ripepi V., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Ruz Mieres D., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Teixeira R., Tolomei L., Tonello N., Torra F., Torra J., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec
J., Zucker S., Zwitter T., (2023): "Gaia Data Release 3. Summary of the content and survey properties", Astronomy and Astrophysics, 674, A1.
https://ui.adsabs.harvard.edu/abs/2023A&A...674A...1G

33. Seidel J. V., Borsa F., Pino L., Ehrenreich D., Stangret M., Zapatero Osorio M. R., Palle E., Alibert Y., Allart R., Bourrier V., Di Marcantonio P., Figueira P., Gonz´alez Hern´andez J. I., Lillo-Box J., Lovis C., Martins C. J. A. P., Mehner A., Molaro P., Nunes N. J., Pepe F., Santos N. C., **Sozzetti A.**, (2023): "Detection of a high-velocity sodium feature on the ultra-hot Jupiter WASP-121 b", Astronomy and Astrophysics, 673, A125.
https://ui.adsabs.harvard.edu/abs/2023A&A...673A.125S

34. Lavie B., Bouchy F., Lovis C., Zapatero Osorio M., Deline A., Barros S., Figueira P., **Sozzetti A.**, Gonz´alez Hern´andez J. I., Lillo-Box J., Rodrigues J., Mehner A., Damasso M., Adibekyan V., Alibert Y., Allende Prieto C., Cristiani S., D'Odorico V., Di Marcantonio P., Ehrenreich D., G´enova Santos R., Lo Curto G., Martins C. J. A. P., Micela G., Molaro P., Nunes N., Palle E., Pepe F., Poretti E., Rebolo R., Santos N., Sousa S., Su´arez Mascaren˜o A., Tabrenero H., Udry S., (2023): "Planetary system around LTT 1445A unveiled by ESPRESSO: Multiple planets in a triple M-dwarf system", Astronomy and Astrophysics, 673, A69.
https://ui.adsabs.harvard.edu/abs/2023A&A...673A..69L

35. **Sozzetti A.**, Giacobbe P., Lattanzi M. G., Pinamonti M., (2023): "On the follow-up efforts of long-period transiting planet candidates detected with Gaia astrometry", Monthly Notices of the Royal Astronomical Society, 520, 1748.
https://ui.adsabs.harvard.edu/abs/2023MNRAS.520.1748S

36. Cherubim C., Cloutier R., Charbonneau D., Stockdale C., Stassun K. G., Schwarz R. P., Safonov B., Mortier A., Lewin P., Latham D. W., Horne K., Haywood R. D., Gonzales E., Goliguzova M. V., Collins K. A., Ciardi D. R., Bieryla A., Belinski A. A., Wohler B., Watson C. A., Vanderspek R., Udry S., **Sozzetti A.**, S´egransan D., Sasselov D., Ricker G. R., Rice K., Poretti E., Piotto G., Pepe F., Molinari E., Micela G., Mayor M., Lovis C., L´opez-Morales M., Jenkins J. M., Essack Z., Dumusque X., Doty J. P., Col´on K. D., Cameron A. C., Buchhave L. A., (2023): "TOI-1695 b: A Water World Orbiting an Early-M Dwarf in the Planet Radius Valley", The Astronomical Journal, 165, 167.
https://ui.adsabs.harvard.edu/abs/2023AJ....165..167C

37. Johnson M. C., Wang J., Asnodkar A. P., Bonomo A. S., Gaudi B. S., Henning T., Ilyin I., Keles E., Malavolta L., Mallonn M., Molaverdikhani K., Nascimbeni V., Patience J., Poppenhaeger K., Scandariato G., Schlawin E., Shkolnik E., Sicilia D., **Sozzetti A.**, Strassmeier K. G., Veillet C., Yan F., (2023): "The PEPSI Exoplanet Transit Survey (PETS). II. A Deep Search for Thermal Inversion Agents in KELT-20 b/MASCARA-2 b with Emission and Transmission Spectroscopy", The Astronomical Journal, 165, 157.
https://ui.adsabs.harvard.edu/abs/2023AJ....165..157J

38. Damasso M., Locci D., Benatti S., Maggio A., Nardiello D., Baratella M., Biazzo K., Bonomo A. S., Desidera S., D'Orazi V., Mallonn M., Lanza A. F., **Sozzetti A.**, Marzari F., Borsa F., Maldonado J., Mancini L., Poretti E., Scandariato G., Bignamini A., Borsato L., Capuzzo Dolcetta R., Cecconi M., Claudi R., Cosentino R., Covino E., Fiorenzano A., Harutyunyan A., Mann A. W., Micela G., Molinari E., Molinaro M., Pagano I., Pedani M., Pinamonti M., Piotto G., Stoev H., (2023): "The GAPS Programme at TNG. XLII. A characterisation study of the multi-planet system around the 400 Myr-old star HD 63433 (TOI-1726)", Astronomy and Astrophysics, 672, A126. https://ui.adsabs.harvard.edu/abs/2023A&A...672A.126D

39. Blanco-Pozo J., Perger M., Damasso M., Anglada Escud´e G., Ribas I., Baroch D., Caballero J. A., Cifuentes C., Jeffers S. V., Lafarga M., Kaminski A., Kaur S., Nagel E., Perdelwitz V., P´erez-Torres M., **Sozzetti A.**, Vigan`o D., Amado P. J., Andreuzzi G., B´ejar V. J. S., Brown E. L., Del Sordo F., Dreizler S., Galad´ı-Enr´ıquez D., Hatzes A. P., Ku¨rster M., Lanza A. F., Melis A., Molinari E., Montes D., Murgia M., Pall´e E., Pen˜aMon˜ino L., Perrodin D., Pilia M., Poretti E., Quirrenbach A., Reiners A., Schweitzer A., Zapatero Osorio M. R., Zechmeister M., (2023): "The CARMENES search for exoplanets around M dwarfs. A long-period planet around GJ 1151 measured with CARMENES and HARPS-N data", Astronomy and Astrophysics, 671, A50. https://ui.adsabs.harvard.edu/abs/2023A&A...671A..50B

40. Brinkman C. L., Cadman J., Weiss L., Gaidos E., Rice K., Huber D., Claytor Z. R., Bonomo A. S., Buchhave L. A., Collier Cameron A., Cosentino R., Dumusque X., Martinez Fiorenzano A. F., Ghedina A., Harutyunyan A., Howard A., Isaacson H., Latham D. W., L´opez-Morales M., Malavolta L., Micela G., Molinari E., Pepe F., Philips D. F., Poretti E., **Sozzetti A.**, Udry S., (2023): "Kepler-102: Masses and Compositions for a Super-Earth and Sub-Neptune Orbiting an Active Star", The Astronomical Journal, 165, 74. https://ui.adsabs.harvard.edu/abs/2023AJ....165...74B

41. DiTomasso V., Nava C., L´opez-Morales M., Bieryla A., Cloutier R., Malavolta L., Mortier A., Buchhave L. A., Stassun K. G., **Sozzetti A.**, Bonomo A. S., Charbonneau D., Collier Cameron A., Cosentino R., Damasso M., Dumusque X., Mart´ınez Fiorenzano A. F., Ghedina A., Harutyunyan A., Haywood R. D., Latham D., Molinari E., Pepe F. A., Pinamonti M., Poretti E., Rice K., Sasselov D., Stalport M., Udry S., Watson C., Wilson T. G., (2023): "Independent Validation of the Temperate Super-Earth HD 79211 b using HARPS-N", The Astronomical Journal, 165, 38.
https://ui.adsabs.harvard.edu/abs/2023AJ....165...38D

42. **Sozzetti A.**, (2023): "A dynamical mass for GJ 463 b: A massive super-Jupiter companion beyond the snow line of a nearby M dwarf", Astronomy and Astrophysics, 670, L17. https://ui.adsabs.harvard.edu/abs/2023A&A...670L..17S

43. Su´arez Mascaren˜o A., Gonz´alez-Alvarez E., Zapatero Osorio M. R., Lillo-Box J., Faria J. P., Passegger V. M.,´ Gonz´alez Hern´andez J. I., Figueira P., **Sozzetti A.**, Rebolo R., Pepe F., Santos N. C., Cristiani S., Lovis C., Silva A. M., Ribas I., Amado P. J., Caballero J. A., Quirrenbach A., Reiners A., Zechmeister M., Adibekyan V., Alibert Y., B´ejar V. J. S., Benatti S., D'Odorico V., Damasso M., Delisle J.-B., Di Marcantonio P., Dreizler S., Ehrenreich D., Hatzes A. P., Hara N. C., Henning T., Kaminski A., L´opez-Gonz´alez M. J., Martins C. J. A. P., Micela G., Montes D., Pall´e E., Pedraz S., Rodr´ıguez E., Rodr´ıguez-L´opez C., Tal-Or L., Sousa S., Udry S., (2023): "Two temperate Earth-mass planets orbiting the nearby star GJ 1002", Astronomy and Astrophysics, 670, A5.
https://ui.adsabs.harvard.edu/abs/2023A&A...670A...5S

44. Aguado D. S., Caffau E., Molaro P., Allende Prieto C., Bonifacio P., Gonz´alez Hern´andez J. I., Rebolo R., Salvadori S., Zapatero Osorio M. R., Cristiani S., Pepe F., Santos N. C., Cupani G., Di Marcantonio P., D'Odorico V., Lovis C., Nunes N. J., Martins C. J. A. P., Milakovi D., Rodrigues J., Schmidt T. M., **Sozzetti A.**, Su´arez Mascaren˜o A., (2023): "The pristine nature of SMSS 1605−1443 revealed by ESPRESSO", Astronomy and Astrophysics, 669, L4. https://ui.adsabs.harvard.edu/abs/2023A&A...669L...4A

45. Snellen I. A. G., Snik F., Kenworthy M., Albrecht S., Anglada-Escud´e G., Baraffe I., Baudoz P., Benz W., Beuzit J.-L., Biller B., Birkby J. L., Boccaletti A., van Boekel R., de Boer J., Brogi M., Buchhave L., Carone L., Claire M., Claudi R.,

Demory B.-O., D´esert J.-M., Desidera S., Gaudi B. S., Gratton R., Gillon M., Grenfell J. L., Guyon O., Henning T., Hinkley S., Huby E., Janson M., Helling C., Heng K., Kasper M., Keller C. U., Krause O., Kreidberg L., Madhusudhan N., Lagrange A.-M., Launhardt R., Lenton T. M., Lopez-Puertas M., Maire A.-L., Mayne N., Meadows V., Mennesson B., Micela G., Miguel Y., Milli J., Min M., de Mooij E., Mouillet D., N'Diaye M., D'Orazi V., Palle E., Pagano I., Piotto G., Queloz D., Rauer H., Ribas I., Ruane G., Selsis F., **Sozzetti A.**, Stam D., Stark C. C., Vigan A., de Visser P., (2022): "Detecting life outside our solar system with a large high-contrast-imaging mission", Experimental Astronomy, 54, 1237. https://ui.adsabs.harvard.edu/abs/2022ExA....54.1237S

46. Quanz S. P., Absil O., Benz W., Bonfils X., Berger J.-P., Defr`ere D., van Dishoeck E., Ehrenreich D., Fortney J., Glauser A., Grenfell J. L., Janson M., Kraus S., Krause O., Labadie L., Lacour S., Line M., Linz H., Loicq J., Miguel Y., Pall´e E., Queloz D., Rauer H., Ribas I., Rugheimer S., Selsis F., Snellen I., **Sozzetti A.**, Stapelfeldt K. R., Udry S., Wyatt M., (2022): "Atmospheric characterization of terrestrial exoplanets in the mid-infrared: biosignatures, habitability, and diversity", Experimental Astronomy, 54, 1197. https://ui.adsabs.harvard.edu/abs/2022ExA....54.1197Q

47. Pino L., Brogi M., D´esert J. M., Nascimbeni V., Bonomo A. S., Rauscher E., Basilicata M., Biazzo K., Bignamini A., Borsa F., Claudi R., Covino E., Di Mauro M. P., Guilluy G., Maggio A., Malavolta L., Micela G., Molinari E., Molinaro M., Montalto M., Nardiello D., Pedani M., Piotto G., Poretti E., Rainer M., Scandariato G., Sicilia D., **Sozzetti A.**, (2022): "The GAPS Programme at TNG. XLI. The climate of KELT-9b revealed with a new approach to high-spectral-resolution phase curves", Astronomy and Astrophysics, 668, A176. https://ui.adsabs.harvard.edu/abs/2022A&A...668A.176P

48. Aguado D. S., Molaro P., Caffau E., Gonz´alez Hern´andez J. I., Zapatero Osorio M. R., Bonifacio P., Allende Prieto C., Rebolo R., Damasso M., Su´arez Mascaren˜o A., Howell S. B., Furlan E., Cristiani S., Cupani G., Di Marcantonio P., D'Odorico V., Lovis C., Martins C. J. A. P., Milakovi D., Murphy M. T., Nunes N. J., Pepe F., Santos N. C., Schmidt T. M., **Sozzetti A.**, (2022): "ESPRESSO observations of HE 0107−5240 and other CEMP−no stars with [Fe/H] ≤−4.5", Astronomy and Astrophysics, 668, A86. https://ui.adsabs.harvard.edu/abs/2022A&A...668A..86A

49. Gaia Collaboration, Klioner S. A., Lindegren L., Mignard F., Hern´andez J., Ramos-Lerate M., Bastian U., Biermann M., Bombrun A., de Torres A., Gerlach E., Geyer R., Hilger T., Hobbs D., Lammers U. L., McMillan P. J., Steidelmu¨ller H., Teyssier D., Raiteri C. M., Bartolom´e S., Bernet M., Castan˜eda J., Clotet M., Davidson M., Fabricius C., Garralda Torres N., Gonz´alez-Vidal J. J., Portell J., Rowell N., Torra F., Torra J., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Arenou F., Babusiaux C., Creevey O. L., Ducourant C., Evans D. W., Eyer L., Guerra R., Hutton A., Jordi C., Luri X., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Tanga P., Walton N. A., Bailer-Jones C. A. L., Drimmel R., Jansen F., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Cacciari C., De Angeli F., Fouesneau M., Fr´emat
Y., Galluccio L., Guerrier A., Heiter U., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Th´evenin F., Gracia-Abril G., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P. W., Busonero D., Busso G., C´anovas H., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., de Teodoro P., Nun˜ez Campos M., Delchambre L., Dell'Oro A., Esquej P., Fern´andez-Hern´andez J., Fraile E., Garabato D., Garc´ıaLario P., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Marchal O., Marrese P. M., Moitinho A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Reyl´e C., Riello M., Rimoldini L., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Utrilla E., van Leeuwen M., Abbas U., Abrah´am P., Abreu Aramburu A., Aerts C., Aguado J. J., Ajaj´ M., Aldea-Montero F., Altavilla G., Alvarez M. A., Alves J., Anderson R. I., Anglada Varela E., Antoja´ T., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bassilana J.-L., Bauchet N., Becciani U., Bellazzini M., Berihuete A., Bertone S., Bianchi L., Binnenfeld A., Blanco-Cuaresma S., Boch T., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Brugaletta E., Bucciarelli B., Burlacu A., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Chaoul L., Charlot P., Chemin L., Chiaramida V., Chiavassa A., Chornay N., Comoretto G., Contursi G., Cooper W. J., Cornez T., Cowell S., Crifo F., Cropper M., Crosta M., Crowley C., Dafonte C., Dapergolas A., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., del Peloso E. F., del Pozo E., Delbo M., Delgado

A., Delisle J.-B., Demouchy C., Dharmawardena T. E., Diakite S., Diener C., Distefano E., Dolding C., Enke H., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Fienga A., Figueras F., Fournier Y., Fouron C., Fragkoudi F., Gai M., Garcia-Gutierrez A., Garcia-Reinaldos M., Garc´ıa-Torres M., Garofalo A., Gavel A., Gavras P., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Santamar´ıa I., Granvik M., Guillout P., Guiraud J., Guti´errez-S´anchez R., Guy L. P., Hatzidimitriou D., Hauser M., Haywood M., Helmer A., Helmi A., Sarmiento M. H., Hidalgo S. L., Hl adczuk N., Holland G., Huckle H. E., Jardine K., Jasniewicz G., Jean-Antoine Piccolo A., Jim´enez-Arranz O., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P.,´ Khanna S., Kordopatis G., Korn A. J., K´osp´al A., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Kun M., Laizeau´ P., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E. L., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Lorca A., Loup C., Madrero Pardo P., Magdaleno Romeo A., Managau S., Mann R. G., Manteiga M., Marchant J. M., Marconi M., Marcos J., Santos M. M. S. M., Mar´ın Pina D., Marinoni S., Marocco F., Marshall D. J., Polo L. M., Mart´ın-Fleitas J. M., Marton G., Mary N., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Monari G., Mongui´o M., Montegriffo P., Montero A., Mor R., Mora A., Morbidelli R., Morel T., Morris D., Muraveva T., Murphy C. P., Musella I., Nagy Z., Noval L., Ocan˜a F., Ogden A., Ordenovic C., Osinde J. O., Pagani C., Pagano I., Palaversa L., Palicio P. A., Pallas-Quintela L., Panahi A., Payne-Wardenaar S., Pen˜alosa Esteller X., Penttil¨a A., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Rambaux N., Ramos P., Re Fiorentin P., Regibo S., Richards P. J., Diaz C. R., Ripepi V., Riva A., Rix H.-W., Rixon G., Robichon N., Robin A. C., Robin C., Roelens M., Rogues H. R. O., Rohrbasser L., Romero-G´omez M., Royer F., Ruz Mieres D., Rybicki K. A., Sadowski G., S´aez Nu´n˜ez A., Sagrist`a Sell´es A., Sahlmann J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Silvelo A., Slezak E., Slezak I., Smart R. L., Snaith O. N., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spina L., Spoto F., Steele I. A., Stephenson C. A., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Taris F., Taylor M. B., Teixeira R., Tolomei L., Tonello N., Torralba Elipe G., Trabucchi M., Tsounis A. T., Turon C., Ulla A., Unger N., Vaillant M. V., van Dillen E., van Reeven W., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zwitter T., (2022): "Gaia Early Data Release 3. The celestial reference frame (Gaia-CRF3)", Astronomy and Astrophysics, 667, A148. https://ui.adsabs.harvard.edu/abs/2022A&A...667A.148G

50. Naponiello L., Mancini L., Damasso M., Bonomo A. S., **Sozzetti A.**, Nardiello D., Biazzo K., Stognone R. G., Lillo-Box J., Lanza A. F., Poretti E., Lissauer J. J., Zeng L., Bieryla A., H´ebrard G., Basilicata M., Benatti S., Bignamini A., Borsa F., Claudi R., Cosentino R., Covino E., de Gurtubai A., Delfosse X., Desidera S., Dragomir D., Eastman J. D., Essack Z., Fiorenzano A. F. M., Giacobbe P., Harutyunyan A., Heidari N., Hellier C., Jenkins J. M., Knapic C., K¨onig P.-C., Latham D. W., Magazzu` A., Maggio A., Maldonado J., Micela G., Molinari E., Molinaro M., Morgan E. H., Moutou C., Nascimbeni V., Pace E., Pagano I., Pedani
M., Piotto G., Pinamonti M., Quintana E. V., Rainer M., Ricker G. R., Seager S., Twicken J. D., Vanderspek R., Winn J. N., (2022): "The GAPS programme at TNG. XL. A puffy and warm Neptune-sized planet and an outer Neptune-mass candidate orbiting the solar-type star TOI-1422", Astronomy and Astrophysics, 667, A8.
https://ui.adsabs.harvard.edu/abs/2022A&A...667A...8N

51. Azevedo Silva T., Demangeon O. D. S., Santos N. C., Allart R., Borsa F., Cristo E., Esparza-Borges E., Seidel J. V., Palle E., Sousa S. G., Tabernero H. M., Zapatero Osorio M. R., Cristiani S., Pepe F., Rebolo R., Adibekyan V., Alibert Y., Barros S. C. C., Bouchy F., Bourrier V., Lo Curto G., Di Marcantonio P., D'Odorico V., Ehrenreich D., Figueira P., Gonz´alez Hern´andez J. I., Lovis C., Martins C. J. A. P., Mehner A., Micela G., Molaro P., Mounzer D., Nunes N. J., **Sozzetti A.**, Su´arez Mascaren˜o A., Udry S., (2022): "Detection of barium in the atmospheres of the ultra-hot gas giants WASP-76b and WASP-121b. Together with new detections of Co and Sr+ on WASP-121b", Astronomy and Astrophysics, 666, L10. https://ui.adsabs.harvard.edu/abs/2022A&A...666L..10A

52. Allart R., Lovis C., Faria J., Dumusque X., Sosnowska D., Figueira P., Silva A. M., Mehner A., Pepe F., Cristiani S., Rebolo R., Santos N. C., Adibekyan V., Cupani G., Di Marcantonio P., D'Odorico V., Gonz´alez Hern´andez J. I., Martins C. J. A. P., Milakovi´c D., Nunes N. J., **Sozzetti A.**, Su´arez Mascaren˜o A., Tabernero H., Zapatero Osorio M. R., (2022): "Automatic model-based telluric correction for the ESPRESSO data reduction software. Model

description and application to radial velocity computation", Astronomy and Astrophysics, 666, A196. https://ui.adsabs.harvard.edu/abs/2022A&A...666A.196A

53. Damasso M., Perger M., Almenara J. M., Nardiello D., P´erez-Torres M., **Sozzetti A.**, Hara N. C., Quirrenbach A., Bonfils X., Zapatero Osorio M. R., Astudillo-Defru N., Gonz´alez Hern´andez J. I., Su´arez Mascareno A., Amado P. J., Forveille T., Lillo-Box J., Alibert Y., Caballero J. A., Cifuentes C., Delfosse X., Figueira P., Galad´ı-Enr´ıquez D., Hatzes A. P., Henning T., Kaminski A., Mayor M., Murgas F., Montes D., Pinamonti M., Reiners A., Ribas I., B´ejar V. J. S., Schweitzer A., Zechmeister M., (2022): "A quarter century of spectroscopic monitoring of the nearby M dwarf Gl 514. A super-Earth on an eccentric orbit moving in and out of the habitable zone", Astronomy and Astrophysics, 666, A187. https://ui.adsabs.harvard.edu/abs/2022A&A...666A.187D

54. K¨onig P.-C., Damasso M., H´ebrard G., Naponiello L., Cort´es-Zuleta P., Biazzo K., Santos N. C., Bonomo A. S., Lecavelier des Etangs A., Zeng L., Hoyer S.,´ **Sozzetti A.**, Affer L., Almenara J. M., Benatti S., Bieryla A., Boisse I., Bonfils X., Boschin W., Carmona A., Claudi R., Collins K. A., Dalal S., Deleuil M., Delfosse X., Demangeon O. D. S., Desidera S., D´ıaz R. F., Forveille T., Heidari N., Hussain G. A. J., Jenkins J., Kiefer F., Lacedelli G., Latham D. W., Malavolta L., Mancini L., Martioli E., Micela G., Miles-P´aez P. A., Moutou C., Nardiello D., Nascimbeni V., Pinamonti M., Piotto G., Ricker G., Schwarz R. P., Seager S., Stognone R. G., Strøm P. A., Vanderspek R., Winn J., Wittrock J., (2022): "A warm super-Neptune around the G-dwarf star TOI-1710 revealed with TESS, SOPHIE, and HARPS-N", Astronomy and Astrophysics, 666, A183.
https://ui.adsabs.harvard.edu/abs/2022A&A...666A.183K

55. da Fonseca V., Barreiro T., Nunes N. J., Cristiani S., Cupani G., D'Odorico V., Leite A. C. O., Marques C. M. J., Martins C. J. A. P., Milakovi´c D., Molaro P., Murphy M. T., Schmidt T. M., Abreu M., Adibekyan V., Cabral A., Di Marcantonio P., Gonz´alez Hern´andez J. I., Palle E., Pepe F. A., Rebolo R., Santos N. C., Sousa S. G., **Sozzetti A.**, Mascaren˜o A. S., Osorio M.-R. Z., (2022): "Fundamental physics with ESPRESSO: Constraining a simple parametrisation for varying α", Astronomy and Astrophysics, 666, A57.
https://ui.adsabs.harvard.edu/abs/2022A&A...666A..57D

56. Carleo I., Giacobbe P., Guilluy G., Cubillos P. E., Bonomo A. S., **Sozzetti A.**, Brogi M., Gandhi S., Fossati L., Turrini D., Biazzo K., Borsa F., Lanza A. F., Malavolta L., Maggio A., Mancini L., Micela G., Pino L., Poretti E., Rainer M., Scandariato G., Schisano E., Andreuzzi G., Bignamini A., Cosentino R., Fiorenzano A., Harutyunyan A., Molinari E., Pedani M., Redfield S., Stoev H., (2022): "The GAPS Programme at TNG XXXIX. Multiple Molecular Species in the Atmosphere of the Warm Giant Planet WASP-80 b Unveiled at High Resolution with GIANO-B", The Astronomical Journal, 164, 101.
https://ui.adsabs.harvard.edu/abs/2022AJ....164..101C

57. Barros S. C. C., Demangeon O. D. S., Alibert Y., Leleu A., Adibekyan V., Lovis C., Bossini D., Sousa S. G., Hara N., Bouchy F., Lavie B., Rodrigues J., Gomes da Silva J., Lillo-Box J., Pepe F. A., Tabernero H. M., Zapatero Osorio M. R., **Sozzetti A.**, Su´arez Mascaren˜o A., Micela G., Allende Prieto C., Cristiani S., Damasso M., Di Marcantonio P., Ehrenreich D., Faria J., Figueira P., Gonz´alez Hern´andez J. I., Jenkins J., Lo Curto G., Martins C. J. A. P., Micela G., Nunes N. J., Pall´e E., Santos N. C., Rebolo R., Seager S., Twicken J. D., Udry S., Vanderspek R., Winn J. N., (2022): "HD 23472: a multi-planetary system with three super-Earths and two potential super-Mercuries", Astronomy and Astrophysics, 665, A154. https://ui.adsabs.harvard.edu/abs/2022A&A...665A.154B

58. Guilluy G., Giacobbe P., Carleo I., Cubillos P. E., **Sozzetti A.**, Bonomo A. S., Brogi M., Gandhi S., Fossati L., Nascimbeni V., Turrini D., Schisano E., Borsa F., Lanza A. F., Mancini L., Maggio A., Malavolta L., Micela G., Pino L., Rainer M., Bignamini A., Claudi R., Cosentino R., Covino E., Desidera S., Fiorenzano A., Harutyunyan A., Lorenzi V., Knapic C., Molinari E., Pacetti E., Pagano I., Pedani M., Piotto G., Poretti E., (2022): "The GAPS Programme at TNG. XXXVIII. Five molecules in the atmosphere of the warm giant planet WASP-69b detected at high spectral resolution", Astronomy and Astrophysics, 665, A104. https://ui.adsabs.harvard.edu/abs/2022A&A...665A.104G

59. de Beurs Z. L., Vanderburg A., Shallue C. J., Dumusque X., Cameron A. C., Leet C., Buchhave L. A., Cosentino R., Ghedina A., Haywood R. D., Langellier N., Latham D. W., L´opez-Morales M., Mayor M., Micela G., Milbourne T. W., Mortier A., Molinari E., Pepe F., Phillips D. F., Pinamonti M., Piotto G., Rice K., Sasselov D., **Sozzetti A.**, Udry S., Watson C. A., (2022): "Identifying Exoplanets with Deep Learning. IV. Removing Stellar Activity Signals from Radial Velocity Measurements Using Neural Networks", The Astronomical Journal, 164, 49. https://ui.adsabs.harvard.edu/abs/2022AJ....164...49D

60. Nardiello D., Malavolta L., Desidera S., Baratella M., D'Orazi V., Messina S., Biazzo K., Benatti S., Damasso M., Rajpaul V. M., Bonomo A. S., Capuzzo Dolcetta R., Mallonn M., Cale B., Plavchan P., El Mufti M., Bignamini A., Borsa F., Carleo I., Claudi R., Covino E., Lanza A. F., Maldonado J., Mancini L., Micela G., Molinari E., Pinamonti M., Piotto G., Poretti E., Scandariato G., **Sozzetti A.**, Andreuzzi G., Boschin W., Cosentino R., Fiorenzano A. F. M., Harutyunyan A., Knapic C., Pedani M., Affer L., Maggio A., Rainer M., (2022): "The GAPS Programme at TNG. XXXVII. A precise density measurement of the young ultra-short period planet TOI-1807 b", Astronomy and Astrophysics, 664, A163. https://ui.adsabs.harvard.edu/abs/2022A&A...664A.163N

61. Mancini L., Esposito M., Covino E., Southworth J., Poretti E., Andreuzzi G., Barbato D., Biazzo K., Borsato L., Bruni I., Damasso M., Di Fabrizio L., Evans D. F., Granata V., Lanza A. F., Naponiello L., Nascimbeni V., Pinamonti M., **Sozzetti A.**, Tregloan-Reed J., Basilicata M., Bignamini A., Bonomo A. S., Claudi R., Cosentino R., Desidera S., Fiorenzano A. F. M., Giacobbe P., Harutyunyan A., Henning T., Knapic C., Maggio A., Micela G., Molinari E., Pagano I., Pedani M., Piotto G., (2022): "The GAPS Programme at TNG. XXXVI. Measurement of the Rossiter-McLaughlin effect and revising the physical and orbital parameters of the HAT-P-15, HAT-P-17, HAT-P-21, HAT-P-26, HAT-P-29 eccentric planetary systems", Astronomy and Astrophysics, 664, A162. https://ui.adsabs.harvard.edu/abs/2022A&A...664A.162M

62. Biazzo K., D'Orazi V., Desidera S., Turrini D., Benatti S., Gratton R., Magrini L., **Sozzetti A.**, Baratella M., Bonomo A. S., Borsa F., Claudi R., Covino E., Damasso M., Di Mauro M. P., Lanza A. F., Maggio A., Malavolta L., Maldonado J., Marzari F., Micela G., Poretti E., Vitello F., Affer L., Bignamini A., Carleo I., Cosentino R., Fiorenzano A. F. M., Giacobbe P., Harutyunyan A., Leto G., Mancini L., Molinari E., Molinaro M., Nardiello D., Nascimbeni V., Pagano I., Pedani M., Piotto G., Rainer M., Scandariato G., (2022): "The GAPS Programme at TNG. XXXV. Fundamental properties of transiting exoplanet host stars", Astronomy and Astrophysics, 664, A161. https://ui.adsabs.harvard.edu/abs/2022A&A...664A.161B

63. Casasayas-Barris N., Borsa F., Palle E., Allart R., Bourrier V., Gonzalez Hernandez J. I., Kesseli A., S´anchezL´opez A., Zapatero Osorio M. R., Snellen I. A. G., Orell-Miquel J., Stangret M., Esparza-Borges E., Lovis C., Hooton M. J., Lend M., Smith A. M. S., Pepe F., Rebolo R., Cristiani S., Santos N. C., Adibekyan V., Alibert Y., Cristo E., Demangeon O. D. S., Figueira P., Di Marcantonio P., Martins C. J. A. P., Micela G., Seidel J. V., Azevedo Silva T., Sousa S. G., **Sozzetti A.**, Su´arez Mascaren˜o A., Tabernero H. M., (2022): "Transmission spectroscopy of MASCARA-1b with ESPRESSO: Challenges of overlapping orbital and Doppler tracks", Astronomy and Astrophysics, 664, A121. https://ui.adsabs.harvard.edu/abs/2022A&A...664A.121C

64. Pinamonti M., **Sozzetti A.**, Maldonado J., Affer L., Micela G., Bonomo A. S., Lanza A. F., Perger M., Ribas I., Gonz´alez Hern´andez J. I., Bignamini A., Claudi R., Covino E., Damasso M., Desidera S., Giacobbe P., Gonz´alez-Alvarez E., Herrero E., Leto G., Maggio A., Molinari E., Morales J. C., Pagano I., Petralia A.,´ Piotto G., Poretti E., Rebolo R., Scandariato G., Su´arez Mascaren˜o A., Toledo-Padr´on B., Zanmar S´anchez R., (2022): "HADES RV Programme with HARPS-N at TNG. XV. Planetary occurrence rates around earlyM dwarfs", Astronomy and Astrophysics, 664, A65. https://ui.adsabs.harvard.edu/abs/2022A&A...664A..65P

65. Bonavita M., Fontanive C., Gratton R., Mu˘zi´c K., Desidera S., Mesa D., Biller B., Scholz A., **Sozzetti A.**, Squicciarini V., (2022): "Results from The COPAINS Pilot Survey: four new BDs and a high companion detection rate for accelerating stars", Monthly Notices of the Royal Astronomical Society, 513, 5588. https://ui.adsabs.harvard.edu/abs/2022MNRAS.513.5588B

66. Lienhard F., Mortier A., Buchhave L., Collier Cameron A., L´opez-Morales M., **Sozzetti A.**, Watson C. A., Cosentino R., (2022): "Multi-mask least-squares deconvolution: extracting RVs using tailored masks", Monthly Notices of the Royal Astronomical Society, 513, 5328. https://ui.adsabs.harvard.edu/abs/2022MNRAS.513.5328L

67. Bourrier V., Zapatero Osorio M. R., Allart R., Attia O., Cretignier M., Dumusque X., Lovis C., Adibekyan V., Borsa F., Figueira P., Gonz´alez Hern´andez J. I., Mehner A., Santos N. C., Schmidt T., Seidel J. V., **Sozzetti A.**, Alibert Y., Casasayas-Barris N., Ehrenreich D., Lo Curto G., Martins C. J. A. P., Di Marcantonio P., M´egevand D., Nunes N. J., Palle E., Poretti E., Sousa S. G., (2022): "The polar orbit of the warm Neptune GJ 436b seen with VLT/ESPRESSO", Astronomy and Astrophysics, 663, A160.
https://ui.adsabs.harvard.edu/abs/2022A&A...663A.160B

68. Silva A. M., Faria J. P., Santos N. C., Sousa S. G., Viana P. T. P., Martins J. H. C., Figueira P., Lovis C., Pepe F., Cristiani S., Rebolo R., Allart R., Cabral A., Mehner A., **Sozzetti A.**, Su´arez Mascaren˜o A., Martins C. J. A. P., Ehrenreich D., M´egevand D., Palle E., Lo Curto G., Tabernero H. M., Lillo-Box J., Gonz´alez Hern´andez J. I., Zapatero Osorio M. R., Hara N. C., Nunes N. J., Di Marcantonio P., Udry S., Adibekyan V., Dumusque X., (2022): "A novel framework for semi-Bayesian radial velocities through template matching", Astronomy and Astrophysics, 663, A143.
https://ui.adsabs.harvard.edu/abs/2022A&A...663A.143S

69. Maldonado J., Colombo S., Petralia A., Benatti S., Desidera S., Malavolta L., Lanza A. F., Damasso M., Micela G., Mallonn M., Messina S., **Sozzetti A.**, Stelzer B., Biazzo K., Gratton R., Maggio A., Nardiello D., Scandariato G., Affer L., Baratella M., Claudi R., Molinari E., Bignamini A., Covino E., Pagano I., Piotto G., Poretti E., Cosentino R., Carleo I., (2022): "The GAPS programme at TNG. XXXIV. Activity-rotation, flux-flux relationships, and active-region evolution through stellar age", Astronomy and Astrophysics, 663, A142.
https://ui.adsabs.harvard.edu/abs/2022A&A...663A.142M

70. Borsa F., Giacobbe P., Bonomo A. S., Brogi M., Pino L., Fossati L., Lanza A. F., Nascimbeni V., **Sozzetti A.**, Amadori F., Benatti S., Biazzo K., Bignamini A., Boschin W., Claudi R., Cosentino R., Covino E., Desidera S., Fiorenzano A. F. M., Guilluy G., Harutyunyan A., Maggio A., Maldonado J., Mancini L., Micela G., Molinari E., Molinaro M., Pagano I., Pedani M., Piotto G., Poretti E., Rainer M., Scandariato G., Stoev H., (2022): "The GAPS Programme at TNG. XXXIII. HARPS-N detects multiple atomic species in emission from the dayside of KELT-20b", Astronomy and Astrophysics, 663, A141.
https://ui.adsabs.harvard.edu/abs/2022A&A...663A.141B

71. Martins C. J. A. P., Cristiani S., Cupani G., D'Odorico V., G´enova Santos R., Leite A. C. O., Marques C. M. J., Milakovi´c D., Molaro P., Murphy M. T., Nunes N. J., Schmidt T. M., Adibekyan V., Alibert Y., Di Marcantonio P., Gonz´alez Hern´andez J. I., M´egevand D., Palle E., Pepe F. A., Santos N. C., Sousa S. G., **Sozzetti A.**, Su´arez Mascaren˜o A., Zapatero Osorio M. R., (2022): "Fundamental physics with ESPRESSO: Constraints on Bekenstein and dark energy models from astrophysical and local probes", Physical Review D, 105, 123507. https://ui.adsabs.harvard.edu/abs/2022PhRvD.105l3507M

72. Keles E., Mallonn M., Kitzmann D., Poppenhaeger K., Hoeijmakers H. J., Ilyin I., Alexoudi X., Carroll T. A., Alvarado-Gomez J., Ketzer L., Bonomo A. S., Borsa F., Gaudi B. S., Henning T., Malavolta L., Molaverdikhani K., Nascimbeni V., Patience J., Pino L., Scandariato G., Schlawin E., Shkolnik E., Sicilia D., **Sozzetti A.**, Foster M. G., Veillet C., Wang J., Yan F., Strassmeier K. G., (2022): "The PEPSI exoplanet transit survey (PETS) I: investigating the presence of a silicate atmosphere on the super-earth 55 Cnc e", Monthly Notices of the Royal Astronomical Society, 513, 1544. https://ui.adsabs.harvard.edu/abs/2022MNRAS.513.1544K

73. Lacedelli G., Wilson T. G., Malavolta L., Hooton M. J., Collier Cameron A., Alibert Y., Mortier A., Bonfanti A., Haywood R. D., Hoyer S., Piotto G., Bekkelien A., Vanderburg A. M., Benz W., Dumusque X., Deline A., L´opez-Morales M., Borsato L., Rice K., Fossati L., Latham D. W., Brandeker A., Poretti E., Sousa S. G., **Sozzetti A.**, Salmon S., Burke C. J., Van Grootel V., Fausnaugh M. M., Adibekyan V., Huang C. X., Osborn H. P., Mustill A. J., Pall´e E., Bourrier V., Nascimbeni V., Alonso R., Anglada G., B´arczy T., Barrado y Navascues D., Barros S. C. C., Baumjohann

W., Beck M., Beck T., Billot N., Bonfils X., Broeg C., Buchhave L. A., Cabrera J., Charnoz S., Cosentino R., Csizmadia S., Davies M. B., Deleuil M., Delrez L., Demangeon O., Demory B.-O., Ehrenreich D., Erikson A., Esparza-Borges E., Flor´en H. G., Fortier A., Fridlund M., Futyan D., Gandolfi D., Ghedina A., Gillon M., Gu¨del M., Guterman P., Harutyunyan A., Heng K., Isaak K. G., Jenkins J. M., Kiss L., Laskar J., Lecavelier des Etangs A., Lendl M., Lovis C., Magrin D., Marafatto L., Martinez Fiorenzano A. F., Maxted P. F. L., Mayor M., Micela G., Molinari E., Murgas F., Narita N., Olofsson G., Ottensamer R., Pagano I., Pasetti A., Pedani M., Pepe F. A., Peter G., Phillips D. F., Pollacco D., Queloz D., Ragazzoni R., Rando N., Ratti F., Rauer H., Ribas I., Santos N. C., Sasselov D., Scandariato G., Seager S., S´egransan D., Serrano L. M., Simon A. E., Smith A. M. S., Steinberger M., Steller M., Szab´o G., Thomas N., Twicken J. D., Udry S., Walton N., Winn J. N., (2022): "Investigating the architecture and internal structure of the TOI-561 system planets with CHEOPS, HARPS-N, and TESS", Monthly Notices of the Royal Astronomical Society, 511, 4551. https://ui.adsabs.harvard.edu/abs/2022MNRAS.511.4551L

74. Guilluy G., **Sozzetti A.**, Giacobbe P., Bonomo A. S., Micela G., (2022): "On the synergy between Ariel and ground-based high-resolution spectroscopy", Experimental Astronomy, 53, 655. https://ui.adsabs.harvard.edu/abs/2022ExA....53..655G

75. Cristo E., Santos N. C., Demangeon O., Martins J. H. C., Figueira P., Casasayas-Barris N., Zapatero Osorio M. R., Borsa F., Sousa S. G., Oshagh M., Micela G., Tabernero H. M., Seidel J. V., Cristiani S., Pepe F., Rebolo R., Adibekyan V., Allart R., Alibert Y., Azevedo Silva T., Bourrier V., Cabral A., Esparza-Borges E., Gonz´alez Hern´andez J. I., Lillo-Box J., Lo Curto G., Lovis C., Manescau A., Di Marcantonio P., Martins C. J. A. P., M´egevand D., Mehner A., Nunes N. J., Palle E., **Sozzetti A.**, Su´arez Mascaren˜o A., Udry S., (2022): "CaRM: Exploring the chromatic Rossiter-McLaughlin effect. The cases of HD 189733b and WASP-127b", Astronomy and Astrophysics, 660, A52. https://ui.adsabs.harvard.edu/abs/2022A&A...660A..52C

76. Maggio A., Locci D., Pillitteri I., Benatti S., Claudi R., Desidera S., Micela G., Damasso M., **Sozzetti A.**, Suarez Mascaren˜o A., (2022): "New Constraints on the Future Evaporation of the Young Exoplanets in the V1298 Tau System", The Astrophysical Journal, 925, 172. https://ui.adsabs.harvard.edu/abs/2022ApJ...925..172M

77. Nava C., L´opez-Morales M., Mortier A., Zeng L., Giles H. A. C., Bieryla A., Vanderburg A., Buchhave L. A., Poretti E., Saar S. H., Dumusque X., Latham D. W., Charbonneau D., Damasso M., Bonomo A. S., Lovis C., Collier Cameron A., Eastman J. D., **Sozzetti A.**, Cosentino R., Pedani M., Pepe F., Molinari E., Sasselov D., Mayor M., Stalport M., Malavolta L., Rice K., Watson C. A., Martinez Fiorenzano A. F., Di Fabrizio L., (2022): "K2-79b and K2-222b: Mass Measurements of Two Small Exoplanets with Periods beyond 10 days that Overlap with Periodic Magnetic Activity Signals", The Astronomical Journal, 163, 41. https://ui.adsabs.harvard.edu/abs/2022AJ....163...41N

78. Fossati L., Guilluy G., Shaikhislamov I. F., Carleo I., Borsa F., Bonomo A. S., Giacobbe P., Rainer M., Cecchi-Pestellini C., Khodachenko M. L., Efimov M. A., Rumenskikh M. S., Miroshnichenko I. B., Berezutsky A. G., Nascimbeni V., Brogi M., Lanza A. F., Mancini L., Affer L., Benatti S., Biazzo K., Bignamini A., Carosati D., Claudi R., Cosentino R., Covino E., Desidera S., Fiorenzano A., Harutyunyan A., Maggio A., Malavolta L., Maldonado J., Micela G., Molinari E., Pagano I., Pedani M., Piotto G., Poretti E., Scandariato G., **Sozzetti A.**, Stoev H., (2022): "The GAPS Programme at TNG. XXXII. The revealing non-detection of metastable He I in the atmosphere of the hot Jupiter WASP-80b", Astronomy and Astrophysics, 658, A136. https://ui.adsabs.harvard.edu/abs/2022A&A...658A.136F

79. Singh V., Bonomo A. S., Scandariato G., Cibrario N., Barbato D., Fossati L., Pagano I., **Sozzetti A.**, (2022): "Probing Kepler's hottest small planets via homogeneous search and analysis of optical secondary eclipses and phase variations", Astronomy and Astrophysics, 658, A132. https://ui.adsabs.harvard.edu/abs/2022A&A...658A.132S

80. Murphy M. T., Molaro P., Leite A. C. O., Cupani G., Cristiani S., D'Odorico V., G´enova Santos R., Martins C. J. A. P., Milakovi´c D., Nunes N. J., Schmidt T. M., Pepe F. A., Rebolo R., Santos N. C., Sousa S. G., Zapatero Osorio M.-R., Amate M., Adibekyan V., Alibert Y., Allende Prieto C., Baldini V., Benz W., Bouchy F., Cabral A., Dekker H., Di

Marcantonio P., Ehrenreich D., Figueira P., Gonz´alez Hern´andez J. I., Landoni M., Lovis C., Lo Curto G., Manescau A., M´egevand D., Mehner A., Micela G., Pasquini L., Poretti E., Riva M., **Sozzetti A.**, Mascaren˜o A. S., Udry S., Zerbi F., (2022): "Fundamental physics with ESPRESSO: Precise limit on variations in the fine-structure constant towards the bright quasar HE 0515−4414", Astronomy and Astrophysics, 658, A123. https://ui.adsabs.harvard.edu/abs/2022A&A...658A.123M

81. Faria J. P., Su´arez Mascaren˜o A., Figueira P., Silva A. M., Damasso M., Demangeon O., Pepe F., Santos N. C., Rebolo R., Cristiani S., Adibekyan V., Alibert Y., Allart R., Barros S. C. C., Cabral A., D'Odorico V., Di Marcantonio P., Dumusque X., Ehrenreich D., Gonz´alez Hern´andez J. I., Hara N., Lillo-Box J., Lo Curto G., Lovis C., Martins C. J. A. P., M´egevand D., Mehner A., Micela G., Molaro P., Nunes N. J., Pall´e E., Poretti E., Sousa S. G., **Sozzetti A.**, Tabernero H., Udry S., Zapatero Osorio M. R., (2022): "A candidate short-period sub-Earth orbiting Proxima Centauri", Astronomy and Astrophysics, 658, A115. https://ui.adsabs.harvard.edu/abs/2022A&A...658A.115F

82. Mancini L., Southworth J., Naponiello L., Ba¸stu¨rk O., Barbato D., Biagiotti F., Bruni I., Cabona L., D'Ago¨ G., Damasso M., Erdem A., Evans D., Henning T., Oztu¨rk O., Ricci D.,¨ **Sozzetti A.**, Tregloan-Reed J., Yalc¸ınkaya S., (2022): "The ultra-hot-Jupiter KELT-16 b: dynamical evolution and atmospheric properties", Monthly Notices of the Royal Astronomical Society, 509, 1447. https://ui.adsabs.harvard.edu/abs/2022MNRAS.509.1447M

83. Esparza-Borges E., Oshagh M., Casasayas-Barris N., Pall´e E., Chen G., Morello G., Santos N. C., Seidel J. V., **Sozzetti A.**, Allart R., Figueira P., Bourrier V., Lillo-Box J., Borsa F., Zapatero Osorio M. R., Tabernero H., Demangeon O. D. S., Adibekyan V., Gonz´alez Hern´andez J. I., Mehner A., Allende Prieto C., Di Marcantonio P., Alibert Y., Cristiani S., Lo Curto G., Martins C. J. A. P., Micela G., Pepe F., Rebolo R., Sousa S. G., Su´arez Mascaren˜o A., Udry S., (2022): "Retrieving the transmission spectrum of HD 209458b using CHOCOLATE: a new chromatic Doppler tomography technique", Astronomy and Astrophysics, 657, A23. https://ui.adsabs.harvard.edu/abs/2022A&A...657A..23E

84. Su´arez Mascaren˜o A., Damasso M., Lodieu N., **Sozzetti A.**, B´ejar V. J. S., Benatti S., Zapatero Osorio M. R., Micela G., Rebolo R., Desidera S., Murgas F., Claudi R., Gonz´alez Hern´andez J. I., Malavolta L., del Burgo C., D'Orazi V., Amado P. J., Locci D., Tabernero H. M., Marzari F., Aguado D. S., Turrini D., Cardona Guill´en C., Toledo-Padr´on B., Maggio A., Aceituno J., Bauer F. F., Caballero J. A., Chinchilla P., Esparza-Borges E., Gonz´alez-Alvarez E., Granzer T., Luque R., Mart´ın E. L., Nowak G., Oshagh M., Pall´e´ E., Parviainen H., Quirrenbach A., Reiners A., Ribas I., Strassmeier K. G., Weber M., Mallonn M., (2021): "Rapid contraction of giant planets orbiting the 20-million-year-old star V1298 Tau", Nature Astronomy, 6, 232. https://ui.adsabs.harvard.edu/abs/2022NatAs...6..232S

85. Polanski A. S., Crossfield I. J. M., Burt J. A., Nowak G., L´opez-Morales M., Mortier A., Poretti E., Behmard A., Benneke B., Blunt S., Bonomo A. S., Butler R. P., Chontos A., Cosentino R., Crane J. D., Dumusque X., Fulton B. J., Ghedina A., Gorjian V., Grunblatt S. K., Harutyunyan A., Howard A. W., Isaacson H., Kosiarek M. R., Latham D. W., Luque R., Martinez Fiorenzano A. F., Mayor M., Mills S. M., Molinari E., Nagel E., Pall´e E., Petigura E. A., Shectman S. A., **Sozzetti A.**, Teske J. K., Wang S. X., Weiss L. M., (2021): "Wolf 503 b: Characterization of a Sub-Neptune Orbiting a Metal-poor K Dwarf", The Astronomical Journal, 162, 238. https://ui.adsabs.harvard.edu/abs/2021AJ....162..238P

86. Rajpaul V. M., Buchhave L. A., Lacedelli G., Rice K., Mortier A., Malavolta L., Aigrain S., Borsato L., Mayo A. W., Charbonneau D., Damasso M., Dumusque X., Ghedina A., Latham D. W., L´opez-Morales M., Magazzu` A., Micela G., Molinari E., Pepe F., Piotto G., Poretti E., Rowther S., **Sozzetti A.**, Udry S., Watson C. A., (2021): "A HARPS-N mass for the elusive Kepler-37d: a case study in disentangling stellar activity and planetary signals", Monthly Notices of the Royal Astronomical Society, 507, 1847. https://ui.adsabs.harvard.edu/abs/2021MNRAS.507.1847R

87. Milbourne T. W., Phillips D. F., Langellier N., Mortier A., Haywood R. D., Saar S. H., Cegla H. M., Collier Cameron A., Dumusque X., Latham D. W., Malavolta L., Maldonado J., Thompson S., Vanderburg A., Watson C. A., Buchhave L. A., Cecconi M., Cosentino R., Ghedina A., Gonzalez M., Lodi M., L´opez-Morales M., **Sozzetti A.**, Walsworth R. L.,

(2021): "Estimating Magnetic Filling Factors from Simultaneous Spectroscopy and Photometry: Disentangling Spots, Plage, and Network", The Astrophysical Journal, 920, 21. https://ui.adsabs.harvard.edu/abs/2021ApJ...920...21M

88. Bourrier V., Lovis C., Cretignier M., Allart R., Dumusque X., Delisle J.-B., Deline A., Sousa S. G., Adibekyan V., Alibert Y., Barros S. C. C., Borsa F., Cristiani S., Demangeon O., Ehrenreich D., Figueira P., Gonz´alez Hern´andez J. I., Lendl M., Lillo-Box J., Lo Curto G., Di Marcantonio P., Martins C. J. A. P., M´egevand D., Mehner A., Micela G., Molaro P., Oshagh M., Palle E., Pepe F., Poretti E., Rebolo R., Santos N. C., Scandariato G., Seidel J. V., **Sozzetti A.**, Su´arez Mascaren˜o A., Zapatero Osorio M. R., (2021): "The Rossiter-McLaughlin effect revolutions: an ultra-short period planet and a warm mini-Neptune on perpendicular orbits", Astronomy and Astrophysics, 654, A152. https://ui.adsabs.harvard.edu/abs/2021A&A...654A.152B

89. Stangret M., Pall´e E., Casasayas-Barris N., Oshagh M., Bello-Arufe A., Luque R., Nascimbeni V., Yan F., Orell-Miquel J., Sicilia D., Malavolta L., Addison B. C., Buchhave L. A., Bonomo A. S., Borsa F., Cabot S. H. C., Cecconi M., Fischer D. A., Harutyunyan A., Mendon¸ca J. M., Nowak G., Parviainen H., **Sozzetti A.**, Tronsgaard R., (2021): "The obliquity and atmosphere of the ultra-hot Jupiter TOI-1431b (MASCARA-5b): A misaligned orbit and no signs of atomic or molecular absorptions", Astronomy and Astrophysics, 654, A73. https://ui.adsabs.harvard.edu/abs/2021A&A...654A..73S

90. Lillo-Box J., Faria J. P., Su´arez Mascaren˜o A., Figueira P., Sousa S. G., Tabernero H., Lovis C., Silva A. M., Demangeon O. D. S., Benatti S., Santos N. C., Mehner A., Pepe F. A., **Sozzetti A.**, Zapatero Osorio M. R., Gonz´alez Hern´andez J. I., Micela G., Hojjatpanah S., Rebolo R., Cristiani S., Adibekyan V., Allart R., Allende Prieto C., Cabral A., Damasso M., Di Marcantonio P., Lo Curto G., Martins C. J. A. P., Megevand D., Molaro P., Nunes N. J., Pall´e E., Pasquini L., Poretti E., Udry S., (2021): "HD 22496 b: The first ESPRESSO stand-alone planet discovery", Astronomy and Astrophysics, 654, A60.
https://ui.adsabs.harvard.edu/abs/2021A&A...654A..60L

91. Borsa F., Lanza A. F., Raspantini I., Rainer M., Fossati L., Brogi M., Di Mauro M. P., Gratton R., Pino L., Benatti S., Bignamini A., Bonomo A. S., Claudi R., Esposito M., Frustagli G., Maggio A., Maldonado J., Mancini L., Micela G., Nascimbeni V., Poretti E., Scandariato G., Sicilia D., **Sozzetti A.**, Boschin W., Cosentino R., Covino E., Desidera S., Di Fabrizio L., Fiorenzano A. F. M., Harutyunyan A., Knapic C., Molinari E., Pagano I., Pedani M., Piotto G., (2021): "The GAPS Programme at TNG. XXXI. The WASP-33 system revisited with HARPS-N", Astronomy and Astrophysics, 653, A104. https://ui.adsabs.harvard.edu/abs/2021A&A...653A.104B

92. Seidel J. V., Ehrenreich D., Allart R., Hoeijmakers H. J., Lovis C., Bourrier V., Pino L., Wyttenbach A., Adibekyan V., Alibert Y., Borsa F., Casasayas-Barris N., Cristiani S., Demangeon O. D. S., Di Marcantonio P., Figueira P., Gonz´alez Hern´andez J. I., Lillo-Box J., Martins C. J. A. P., Mehner A., Molaro P., Nunes N. J., Palle E., Pepe F., Santos N. C., Sousa S. G., **Sozzetti A.**, Tabernero H. M., Zapatero Osorio M. R., (2021): "Into the storm: diving into the winds of the ultra-hot Jupiter WASP-76 b with HARPS and ESPRESSO", Astronomy and Astrophysics, 653, A73.
https://ui.adsabs.harvard.edu/abs/2021A&A...653A..73S

93. Demangeon O. D. S., Zapatero Osorio M. R., Alibert Y., Barros S. C. C., Adibekyan V., Tabernero H. M., Antoniadis-Karnavas A., Camacho J. D., Su´arez Mascaren˜o A., Oshagh M., Micela G., Sousa S. G., Lovis C., Pepe F. A., Rebolo R., Cristiani S., Santos N. C., Allart R., Allende Prieto C., Bossini D., Bouchy F., Cabral A., Damasso M., Di Marcantonio P., D'Odorico V., Ehrenreich D., Faria J., Figueira P., G´enova Santos R., Haldemann J., Hara N., Gonz´alez Hern´andez J. I., Lavie B., Lillo-Box J., Lo Curto G., Martins C. J. A. P., M´egevand D., Mehner A., Molaro P., Nunes N. J., Pall´e E., Pasquini L., Poretti E., **Sozzetti A.**, Udry S., (2021): "Warm terrestrial planet with half the mass of Venus transiting a nearby star", Astronomy and Astrophysics, 653, A41.
https://ui.adsabs.harvard.edu/abs/2021A&A...653A..41D

94. Collier Cameron A., Ford E. B., Shahaf S., Aigrain S., Dumusque X., Haywood R. D., Mortier A., Phillips

D. F., Buchhave L., Cecconi M., Cegla H., Cosentino R., Cr´etignier M., Ghedina A., Gonz´alez M., Latham D. W., Lodi M., L´opez-Morales M., Micela G., Molinari E., Pepe F., Piotto G., Poretti E., Queloz D., Juan J. S., S´egransan D., **Sozzetti A.**, Szentgyorgyi A., Thompson S., Udry S., Watson C., (2021): "Separating planetary reflex Doppler shifts from stellar variability in the wavelength domain", Monthly Notices of the Royal Astronomical Society, 505, 1699.
https://ui.adsabs.harvard.edu/abs/2021MNRAS.505.1699C

95. Cloutier R., Charbonneau D., Stassun K. G., Murgas F., Mortier A., Massey R., Lissauer J. J., Latham D. W., Irwin J., Haywood R. D., Guerra P., Girardin E., Giacalone S. A., Bosch-Cabot P., Bieryla A., Winn J., Watson C. A., Vanderspek R., Udry S., Tamura M., **Sozzetti A.**, Shporer A., S´egransan D., Seager S., Savel A. B., Sasselov D., Rose M., Ricker G., Rice K., Quintana E. V., Quinn S. N., Piotto G., Phillips D., Pepe F., Pedani M., Parviainen H., Palle E., Narita N., Molinari E., Micela G., McDermott S., Mayor M., Matson R. A., Martinez Fiorenzano A. F., Lovis C., L´opez-Morales M., Kusakabe N., Jensen E. L. N., Jenkins J. M., Huang C. X., Howell S. B., Harutyunyan A., Fu˝r´esz G., Fukui A., Esquerdo G. A., Esparza-Borges E., Dumusque X., Dressing C. D., Fabrizio L. D., Collins K. A., Cameron A. C., Christiansen J. L., Cecconi M., Buchhave L. A., Boschin W., Andreuzzi G., (2021): "TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley", The Astronomical Journal, 162, 79.
https://ui.adsabs.harvard.edu/abs/2021AJ....162...79C

96. Maldonado J., Petralia A., Damasso M., Pinamonti M., Scandariato G., Gonz´alez-Alvarez E., Affer L., Micela´ G., Lanza A. F., Leto G., Poretti E., **Sozzetti A.**, Perger M., Giacobbe P., Zanmar S´anchez R., Maggio A., Gonz´alez Hern´andez J. I., Rebolo R., Ribas I., Su´arez-Mascaren˜o A., Toledo-Padr´on B., Bignamini A., Molinari E., Covino E., Claudi R., Desidera S., Herrero E., Morales J. C., Pagano I., Piotto G., (2021): "HADES RV programme with HARPS-N at TNG. XIV. A candidate super-Earth orbiting the M-dwarf GJ 9689 with a period close to half the stellar rotation period", Astronomy and Astrophysics, 651, A93. https://ui.adsabs.harvard.edu/abs/2021A&A...651A..93M

97. Malbet F., Boehm C., Krone-Martins A., Amorim A., Anglada-Escud´e G., Brandeker A., Courbin F., Enßlin T., Falc˜ao A., Freese K., Holl B., Labadie L., L´eger A., Mamon G. A., McArthur B., Mora A., Shao M., **Sozzetti A.**, Spolyar D., Villaver E., Abbas U., Albertus C., Alves J., Barnes R., Bonomo A. S., Bouy H.,
Brown W. R., Cardoso V., Castellani M., Chemin L., Clark H., Correia A. C. M., Crosta M., Crouzier A., Damasso M., Darling J., Davies M. B., Diaferio A., Fortin M., Fridlund M., Gai M., Garcia P., Gnedin O., Goobar A., Gordo P., Goullioud R., Hall D., Hambly N., Harrison D., Hobbs D., Holland A., Høg E., Jordi C., Klioner S., Lan¸con A., Laskar J., Lattanzi M., Le Poncin-Lafitte C., Luri X., Michalik D., Moitinho de Almeida A., Mour˜ao A., Moustakas L., Murray N. J., Muterspaugh M., Oertel M., Ostorero L., Portell J., Prost J.-P., Quirrenbach A., Schneider J., Scott P., Siebert A., Silva A. da ., Silva M., Th´ebault P., Tomsick J., Traub W., de Val-Borro M., Valluri M., Walton N. A., Watkins L. L., White G., Wyrzykowski L., Wyse R., Yamada Y., (2021): "Faint objects in motion: the new frontier of high precision astrometry", Experimental Astronomy, 51, 845.
https://ui.adsabs.harvard.edu/abs/2021ExA....51..845M

98. Hobbs D., Brown A., Høg E., Jordi C., Kawata D., Tanga P., Klioner S., **Sozzetti A.**, Wyrzykowski L ., Walton N., Vallenari A., Makarov V., Rybizki J., Jim´enez-Esteban F., Caballero J. A., McMillan P. J., Secrest N., Mor R., Andrews J. J., Zwitter T., Chiappini C., Fynbo J. P. U., Ting Y.-S., Hestroffer D., Lindegren L., McArthur B., Gouda N., Moore A., Gonzalez O. A., Vaccari M., (2021): "All-sky visible and near infrared space astrometry", Experimental Astronomy, 51, 783. https://ui.adsabs.harvard.edu/abs/2021ExA....51..783H

99. Guerrero N. M., Seager S., Huang C. X., Vanderburg A., Garcia Soto A., Mireles I., Hesse K., Fong W., Glidden A., Shporer A., Latham D. W., Collins K. A., Quinn S. N., Burt J., Dragomir D., Crossfield I., Vanderspek R., Fausnaugh M., Burke C. J., Ricker G., Daylan T., Essack Z., Gu¨nther M. N., Osborn H. P., Pepper J., Rowden P., Sha L., Villanueva S., Yahalomi D. A., Yu L., Ballard S., Batalha N. M., Berardo D., Chontos A., Dittmann J. A., Esquerdo G. A., Mikal-Evans T., Jayaraman R., Krishnamurthy A., Louie D. R., Mehrle N., Niraula P., Rackham B. V., Rodriguez J. E., Rowden S. J. L., Sousa-Silva C., Watanabe D., Wong I., Zhan Z., Zivanovic G., Christiansen J. L., Ciardi D. R., Swain M. A., Lund M. B., Mullally S. E., Fleming S. W., Rodriguez D. R., Boyd P. T., Quintana E. V., Barclay T., Col´on K. D., Rinehart S. A., Schlieder J. E., Clampin M., Jenkins J. M., Twicken J. D., Caldwell D. A., Coughlin J. L., Henze C.,

Lissauer J. J., Morris R. L., Rose M. E., Smith J. C., Tenenbaum P., Ting E. B., Wohler B., Bakos G. A., Bean J.´ L., Berta-Thompson Z. K., Bieryla A., Bouma L. G., Buchhave L. A., Butler N., Charbonneau D., Doty J. P., Ge J., Holman M. J., Howard A. W., Kaltenegger L., Kane S. R., Kjeldsen H., Kreidberg L., Lin D. N. C., Minsky C., Narita N., Paegert M., P´al A., Palle E., Sasselov D. D., Spencer A., **Sozzetti A.**, Stassun K. G., Torres G., Udry S., Winn J. N., (2021): "The TESS Objects of Interest Catalog from the TESS Prime Mission", The Astrophysical Journal Supplement Series, 254, 39. https://ui.adsabs.harvard.edu/abs/2021ApJS..254...39G

100. Langellier N., Milbourne T. W., Phillips D. F., Haywood R. D., Saar S. H., Mortier A., Malavolta L., Thompson S., Collier Cameron A., Dumusque X., Cegla H. M., Latham D. W., Maldonado J., Watson C. A., Buchschacher N., Cecconi M., Charbonneau D., Cosentino R., Ghedina A., Gonzalez M., Li C.-H., Lodi M., L´opez-Morales M., Micela G., Molinari E., Pepe F., Poretti E., Rice K., Sasselov D., **Sozzetti A.**, Udry S., Walsworth R. L., (2021): "Detection Limits of Low-mass, Long-period Exoplanets Using Gaussian Processes Applied to HARPS-N Solar Radial Velocities", The Astronomical Journal, 161, 287. https://ui.adsabs.harvard.edu/abs/2021AJ....161..287L

101. Reyl´e C., Jardine K., Fouqu´e P., Caballero J. A., Smart R. L., **Sozzetti A.**, (2021): "The 10 parsec sample in the Gaia era", Astronomy and Astrophysics, 650, A201. https://ui.adsabs.harvard.edu/abs/2021A&A...650A.201R

102. Gonz´alez-Alvarez E., Petralia A., Micela G., Maldonado J., Affer L., Maggio A., Covino E., Damasso M.,´ Lanza A. F., Perger M., Pinamonti M., Poretti E., Scandariato G., **Sozzetti A.**, Bignamini A., Giacobbe P., Leto G., Pagano I., Zanmar S´anchez R., Gonz´alez Hern´andez J. I., Rebolo R., Ribas I., Su´arez Mascaren˜o A., Toledo-Padr´on B., (2021): "HADES RV Programme with HARPS-N at TNG. XIII. A sub-Neptune around the M dwarf GJ 720 A", Astronomy and Astrophysics, 649, A157. https://ui.adsabs.harvard.edu/abs/2021A&A...649A.157G
103. Rainer M., Borsa F., Pino L., Frustagli G., Brogi M., Biazzo K., Bonomo A. S., Carleo I., Claudi R., Gratton R., Lanza A. F., Maggio A., Maldonado J., Mancini L., Micela G., Scandariato G., **Sozzetti A.**, Buchschacher N., Cosentino R., Covino E., Ghedina A., Gonzalez M., Leto G., Lodi M., Martinez Fiorenzano A. F., Molinari E., Molinaro M., Nardiello D., Oliva E., Pagano I., Pedani M., Piotto G., Poretti E., (2021): "The GAPS programme at TNG. XXX. Atmospheric Rossiter-McLaughlin effect and atmospheric dynamics of KELT-20b", Astronomy and Astrophysics, 649, A29. https://ui.adsabs.harvard.edu/abs/2021A&A...649A..29R

104. Leleu A., Alibert Y., Hara N. C., Hooton M. J., Wilson T. G., Robutel P., Delisle J.-B., Laskar J., Hoyer S., Lovis C., Bryant E. M., Ducrot E., Cabrera J., Delrez L., Acton J. S., Adibekyan V., Allart R., Allende Prieto C., Alonso R., Alves D., Anderson D. R., Angerhausen D., Anglada Escud´e G., Asquier J., Barrado D., Barros S. C. C., Baumjohann W., Bayliss D., Beck M., Beck T., Bekkelien A., Benz W., Billot N., Bonfanti A., Bonfils X., Bouchy F., Bourrier V., Bou´e G., Brandeker A., Broeg C., Buder M., Burdanov A., Burleigh M. R., B´arczy T., Cameron A. C., Chamberlain S., Charnoz S., Cooke B. F., Corral Van Damme C., Correia
A. C. M., Cristiani S., Damasso M., Davies M. B., Deleuil M., Demangeon O. D. S., Demory B.-O., DiMarcantonio P., Di Persio G., Dumusque X., Ehrenreich D., Erikson A., Figueira P., Fortier A., Fossati L., Fridlund M., Futyan D., Gandolfi D., Garc´ıa Mun˜oz A., Garcia L. J., Gill S., Gillen E., Gillon M., Goad M. R., Gonz´alez Hern´andez J. I., Guedel M., Gu¨nther M. N., Haldemann J., Henderson B., Heng K., Hogan A. E., Isaak K., Jehin E., Jenkins J. S., Jord´an A., Kiss L., Kristiansen M. H., Lam K., Lavie B., Lecavelier des Etangs A., Lendl M., Lillo-Box J., Lo Curto G., Magrin D., Martins C. J. A. P., Maxted P. F. L., McCormac J., Mehner A., Micela G., Molaro P., Moyano M., Murray C. A., Nascimbeni V., Nunes N. J., Olofsson G., Osborn H. P., Oshagh M., Ottensamer R., Pagano I., Pall´e E., Pedersen P. P., Pepe F. A., Persson C. M., Peter G., Piotto G., Polenta G., Pollacco D., Poretti E., Pozuelos F. J., Queloz D., Ragazzoni R., Rando N., Ratti F., Rauer H., Raynard L., Rebolo R., Reimers C., Ribas I., Santos N. C., Scandariato G., Schneider J., Sebastian D., Sestovic M., Simon A. E., Smith A. M. S., Sousa S. G., **Sozzetti A.**, Steller M., Su´arez Mascaren˜o A., Szab´o G. M., S´egransan D., Thomas N., Thompson S., Tilbrook R. H., Triaud A., Turner O., Udry S., Van Grootel V., Venus H., Verrecchia F., Vines J. I., Walton N. A., West R. G., Wheatley P. J., Wolter D., Zapatero Osorio M. R., (2021): "Six transiting planets and a chain of Laplace resonances in TOI-178", Astronomy and Astrophysics, 649, A26. https://ui.adsabs.harvard.edu/abs/2021A&A...649A..26L

105. Gaia Collaboration, Klioner S. A., Mignard F., Lindegren L., Bastian U., McMillan P. J., Hern´andez J., Hobbs D., Ramos-Lerate M., Biermann M., Bombrun A., de Torres A., Gerlach E., Geyer R., Hilger T., Lammers U., Steidelmu¨ller H., Stephenson C. A., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Babusiaux C., Creevey

O. L., Evans D. W., Eyer L., Hutton A., Jansen F., Jordi C., Luri X., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Walton N. A., Arenou F., Bailer-Jones C. A. L., Cropper M., Drimmel R., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Castan˜eda J., De Angeli F., Ducourant C., Fabricius C., Fouesneau M., Fr´emat Y., Guerra R., Guerrier A., Guiraud J., Jean-Antoine Piccolo A., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Tanga P., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Andrae R., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Brugaletta E., Burgess P. W., Busso G., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., Delchambre L., Dell'Oro A., Fern´andez-Hern´andez J., Galluccio L., Garc´ıa-Lario P., Garcia-Reinaldos M., Gonz´alez-Nu´n˜ez J., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hatzidimitriou D., Heiter U., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Lorca A., Manteiga M., Marchal O., Marrese P. M., Moitinho A., Mora A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Richards P. J., Riello M., Rimoldini L., Robin A. C., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Ulla A., Utrilla E., van Leeuwen M., van Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Aguado J. J., Ajaj M., Altavilla G., Alvarez M. A.,´ Alvarez Cid-Fuentes J., Alves J., Anderson R. I., Anglada Varela E., Antoja´ T., Audard M., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Baudesson-Stella A., Becciani U., Bellazzini M., Bernet M., Bertone S., Bianchi L., Blanco-Cuaresma S., Boch T., Bossini D., Bouquillon S., Bramante L., Breedt E., Bressan A., Brouillet N., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., C´anovas H., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Castro Sampol P., Chaoul L., Charlot P., Chemin L., Chiavassa A., Comoretto G., Cooper W. J., Cornez T., Cowell S., Crifo F., Crosta M., Crowley C., Dafonte C., Dapergolas A., David M., David P., de Laverny P., De Luise F., De March R., De Ridder
J., de Souza R., de Teodoro P., del Peloso E. F., del Pozo E., Delgado A., Delgado H. E., Delisle J.-B., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Eappachen D., Enke H., Esquej P., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Fienga A., Figueras F., Fouron C., Fragkoudi F., Fraile E., Franke F., Gai M., Garabato D., Garcia-Gutierrez A., Garc´ıa-Torres M., Garofalo A., Gavras P., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomez A., Gonzalez-Santamaria I., Gonz´alez-Vidal J. J., Granvik M., Guti´errez-S´anchez R., Guy L. P., Hauser M., Haywood M., Helmi A., Hidalgo S. L., Hl adczuk N., Holland G., Huckle H. E., Jasniewicz G., Jonker P. G., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P., Khanna S., Kochoska A., Kordopatis G., Korn A. J., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Le Fustec Y., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Madrero Pardo P., Managau S., Mann R. G., Marchant J. M., Marconi M., Marcos Santos M. M. S., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris D., Mulone A. F., Munoz D., Muraveva T., Murphy C. P., Musella I., Noval L., Ord´enovic C., Orru` G., Osinde J., Pagani C., Pagano I., Palaversa L., Palicio P. A., Panahi A., Pawlak M., Pen˜alosa Esteller X., Penttil¨a A., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poretti E., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Rambaux N., Ramos P., Re Fiorentin P., Regibo S., Reyl´e C., Ripepi V., Riva A., Rixon G., Robichon N., Robin C., Roelens M., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Rybicki K. A., Sadowski G., Sagrist`a Sell´es A., Sahlmann J., Salgado J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Siddiqui H. I., Siebert A., Siltala L., Slezak E., Smart R. L., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spoto F., Steele I. A., Su¨veges M., Szabados L., Szegedi-Elek E., Taris F., Tauran G., Taylor M. B., Teixeira R., Thuillot W., Tonello N., Torra F., Torra J., Turon C., Unger N., Vaillant M., van Dillen E., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zurbach C., Zwitter T., (2021): "Gaia Early Data Release 3. Acceleration of the Solar System from Gaia astrometry", Astronomy and Astrophysics, 649, A9. https://ui.adsabs.harvard.edu/abs/2021A&A...649A...9G

106. Gaia Collaboration, Antoja T., McMillan P. J., Kordopatis G., Ramos P., Helmi A., Balbinot E., CantatGaudin T., Chemin L., Figueras F., Jordi C., Khanna S., Romero-G´omez M., Seabroke G. M., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Babusiaux C., Biermann M., Creevey O. L., Evans D. W., Eyer L., Hutton A., Jansen F., Klioner S. A., Lammers U., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Walton N. A., Arenou F., Bailer-Jones C. A. L., Bastian U., Cropper M., Drimmel R., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Castan˜eda J., De Angeli F., Ducourant C., Fabricius C., Fouesneau M., Fr´emat Y., Guerra R.,

Guerrier A., Guiraud J., JeanAntoine Piccolo A., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Sordo R., Tanga P., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Andrae R., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Brugaletta E., Burgess P. W., Busso G., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., Delchambre L., Dell'Oro A., Fern´andez-Hern´andez J., Galluccio L., Garc´ıa-Lario P., Garcia-Reinaldos M., Gonz´alez-Nu´n˜ez J., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hatzidimitriou D., Heiter U., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Lorca A., Manteiga M., Marchal O., Marrese P. M., Moitinho A., Mora A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Richards P. J., Riello M., Rimoldini L., Robin A. C., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Ulla A., Utrilla E., van Leeuwen M., van Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Aguado J. J., Ajaj M., Altavilla G., Alvarez M. A.,´ Alvarez Cid-Fuentes J., Alves J., Anderson R. I., Varela E. A., Audard´ M., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Baudesson-Stella A., Becciani U., Bellazzini M., Bernet M., Bertone S., Bianchi L., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., C´anovas H., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Castro Sampol P., Chaoul L., Charlot P., Chiavassa A., Cioni M.-R. L., Comoretto G., Cooper W. J., Cornez T., Cowell S., Crifo F., Crosta M., Crowley C., Dafonte C., Dapergolas A., David M., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Teodoro P., de Torres A., del Peloso E. F., del Pozo E., Delgado A., Delgado H. E., Delisle J.-B., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Eappachen D., Enke H., Esquej P., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Fienga A., Fouron C., Fragkoudi F., Fraile E., Franke F.,

Gai M., Garabato D., Garcia-Gutierrez A., Garc´ıa-Torres M., Garofalo A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomez A., Gonzalez-Santamaria I., Gonz´alez-Vidal J. J., Granvik M., Guti´errez-S´anchez R., Guy L. P., Hauser M., Haywood M., Hidalgo S. L., Hilger T., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jasniewicz G., Jonker P. G., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P., Kochoska A., Kontizas M., Korn A. J., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Le Fustec Y., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Madrero Pardo P., Managau S., Mann R. G., Marchant J. M., Marconi M., Marcos Santos M. M. S., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris D., Mulone A. F., Munoz D., Muraveva T., Murphy C. P., Musella I., Noval L., Ord´enovic C., Orru` G., Osinde J., Pagani C., Pagano I., Palaversa L., Palicio P. A., Panahi A., Pawlak M., Pen˜alosa Esteller X., Penttil¨a A., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poretti E., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Rambaux N., Ramos-Lerate M., Re Fiorentin P., Regibo S., Reyl´e C., Ripepi V., Riva A., Rixon G., Robichon N., Robin C., Roelens M., Rohrbasser L., Rowell N., Royer F., Rybicki K. A., Sadowski G., Sagrist`a Sell´es A., Sahlmann J., Salgado J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Siddiqui H. I., Siebert A., Siltala L., Slezak E., Smart R. L., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Szabados L., Szegedi-Elek E., Taris F., Tauran G., Taylor M. B., Teixeira R., Thuillot W., Tonello N., Torra F., Torra J., Turon C., Unger N., Vaillant M., van Dillen E., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zurbach C., Zwitter T., (2021): "Gaia Early Data Release

3. The Galactic anticentre", Astronomy and Astrophysics, 649, A8.
https://ui.adsabs.harvard.edu/abs/2021A&A...649A...8G

107. Gaia Collaboration, Luri X., Chemin L., Clementini G., Delgado H. E., McMillan P. J., Romero-G´omez M., Balbinot E., Castro-Ginard A., Mor R., Ripepi V., Sarro L. M., Cioni M.-R. L., Fabricius C., Garofalo A., Helmi A., Muraveva T., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Babusiaux C., Biermann M., Creevey O. L., Evans D. W., Eyer L., Hutton A., Jansen F., Jordi C., Klioner S. A., Lammers U., Lindegren L., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Walton N. A., Arenou F., Bailer-Jones C. A. L., Bastian U., Cropper M., Drimmel R., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Castan˜eda J., De Angeli F., Ducourant C., Fouesneau M., Fr´emat Y., Guerra R., Guerrier A., Guiraud J., Jean-Antoine Piccolo A., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Tanga

P., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Andrae R., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Brugaletta E., Burgess P. W., Busso G., Carry B., Cellino A., Cheek N., Damerdji Y., Davidson M., Delchambre L., Dell'Oro A., Fern´andez-Hern´andez J., Galluccio L., Garc´ıa-Lario P., Garcia-Reinaldos M., Gonz´alez-Nu´n˜ez J., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hatzidimitriou D., Heiter U., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Lorca A., Manteiga M., Marchal O., Marrese P. M., Moitinho A., Mora A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Richards P. J., Riello M., Rimoldini L., Robin A. C., Roegiers T., Rybizki J., Siopis C., Smith M., **Sozzetti A.**, Ulla A., Utrilla E., van Leeuwen M., van Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Aguado J.

J., Ajaj M., Altavilla G., Alvarez M. A.,´ Alvarez Cid-Fuentes J., Alves J., Anderson R. I., Anglada Varela E.,´ Antoja T., Audard M., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Baudesson-Stella A., Becciani U., Bellazzini M., Bernet M., Bertone S., Bianchi L., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., C´anovas H., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro Sampol P., Chaoul L., Charlot P., Chiavassa A., Comoretto G., Cooper W. J., Cornez T., Cowell S., Crifo F., Crosta M., Crowley C., Dafonte C., Dapergolas A., David M., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Teodoro P., de Torres A., del Peloso E. F., del Pozo E., Delgado A., Delisle J.-B., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Eappachen D., Enke H., Esquej P., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Fienga A., Figueras F., Fouron C., Fragkoudi F., Fraile E., Franke F., Gai M., Garabato D., Garcia-Gutierrez A., Garc´ıa-Torres M., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomez A., Gonzalez-Santamaria I., Gonz´alez-Vidal J. J., Granvik M., Guti´errez-S´anchez R., Guy L. P., Hauser M., Haywood M., Hidalgo S. L., Hilger T., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jasniewicz G., Jonker P. G., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P., Khanna S., Kochoska A., Kontizas M., Kordopatis G., Korn A. J., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Le Fustec Y., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Madrero Pardo P., Managau S., Mann R. G., Marchant J. M., Marconi M., Marcos Santos M. M. S., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Morbidelli R., Morel T., Morris D., Mulone A. F., Munoz D., Murphy C. P., Musella I., Noval L., Ord´enovic C., Orru` G., Osinde J., Pagani C., Pagano I., Palaversa L., Palicio P. A., Panahi A., Pawlak M., Pen˜alosa Esteller X., Penttil¨a A., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poretti E., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Rambaux N., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Reyl´e C., Riva A., Rixon G., Robichon N., Robin C., Roelens M., Rohrbasser L., Rowell N., Royer F., Rybicki K. A., Sadowski G., Sagrist`a Sell´es A., Sahlmann J., Salgado J., Salguero E., Samaras N., Gimenez V. S., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Siddiqui H. I., Siebert A., Siltala L., Slezak E., Smart R. L., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Szabados L., Szegedi-Elek E., Taris F., Tauran G., Taylor M. B., Teixeira R., Thuillot W., Tonello N., Torra F., Torra J., Turon C., Unger N., Vaillant M., van Dillen E., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zurbach C., Zwitter T., (2021): "Gaia Early Data Release
3. Structure and properties of the Magellanic Clouds", Astronomy and Astrophysics, 649, A7. https://ui.adsabs.harvard.edu/abs/2021A&A...649A...7G

108. Gaia Collaboration, Smart R. L., Sarro L. M., Rybizki J., Reyl´e C., Robin A. C., Hambly N. C., Abbas U., Barstow M. A., de Bruijne J. H. J., Bucciarelli B., Carrasco J. M., Cooper W. J., Hodgkin S. T., Masana E., Michalik D., Sahlmann J., **Sozzetti A.**, Brown A. G. A., Vallenari A., Prusti T., Babusiaux C., Biermann M., Creevey O. L., Evans D. W., Eyer L., Hutton A., Jansen F., Jordi C., Klioner S. A., Lammers U., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Walton N. A., Arenou F., Bailer-Jones C. A. L., Bastian U., Cropper M., Drimmel R., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Castan˜eda J., De Angeli F., Ducourant C., Fabricius C., Fouesneau M., Fr´emat Y., Guerra R., Guerrier A., Guiraud J., Jean-Antoine Piccolo A., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Tanga P., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Andrae R., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Brugaletta E., Burgess P. W., Busso G., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., Delchambre L., Dell'Oro A., Fern´andez-Hern´andez J., Galluccio L., Garc´ıaLario P., Garcia-Reinaldos M.,

Gonz´alez-Nu´n˜ez J., Gosset E., Haigron R., Halbwachs J.-L., Harrison D. L., Hatzidimitriou D., Heiter U., Hern´andez J., Hestroffer D., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Lorca A., Manteiga M., Marchal O., Marrese P. M., Moitinho A., Mora A., Muinonen K., Osborne P., Pancino E., Pauwels T., Recio-Blanco A., Richards P. J., Riello M., Rimoldini L., Roegiers T., Siopis C., Smith M., Ulla A., Utrilla E., van Leeuwen M., van

Reeven W., Abreu Aramburu A., Accart S., Aerts C., Aguado J. J., Ajaj M., Altavilla G., Alvarez M. A.,´ Alvarez Cid-Fuentes J., Alves J., Anderson R. I., Anglada Varela E., Antoja T., Audard M., Baines D.,´ Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Bartolom´e S., Bassilana J.-L., Bauchet N., Baudesson-Stella A., Becciani U., Bellazzini M., Bernet M., Bertone S., Bianchi L., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., C´anovas H., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Casamiquela L., Castellani M., Castro-Ginard A., Castro Sampol P., Chaoul L., Charlot P., Chemin L., Chiavassa A., Cioni M.-R. L., Comoretto G., Cornez T., Cowell S., Crifo F., Crosta M., Crowley C., Dafonte C., Dapergolas A., David M., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Teodoro P., de Torres A., del Peloso E. F., del Pozo E., Delgado A., Delgado H. E., Delisle J.-B., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Eappachen D., Edvardsson B., Enke H., Esquej P., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Fienga A., Figueras F., Fouron C., Fragkoudi F., Fraile E., Franke F., Gai M., Garabato D., Garcia-Gutierrez A., Garc´ıa-Torres M., Garofalo A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonzalez-Santamaria I., Gonz´alez-Vidal J. J., Granvik M., Guti´errez-S´anchez R., Guy L. P., Hauser M., Haywood M., Helmi A., Hidalgo S. L., Hilger

T., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jasniewicz G., Jonker P. G., Juaristi Campillo J., Julbe F., Karbevska L., Kervella P., Khanna S., Kochoska A., Kontizas M., Kordopatis G., Korn A. J., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Le Fustec Y., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., Madrero Pardo P., Managau S., Mann R. G., Marchant J. M., Marconi M., Marcos Santos M. M. S., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris D., Mulone A. F., Munoz D., Muraveva T., Murphy C. P., Musella I., Noval L., Ord´enovic C., Orru` G., Osinde J., Pagani C., Pagano I., Palaversa L., Palicio P. A., Panahi A., Pawlak M., Pen˜alosa Esteller X., Penttil¨a A., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poretti E., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Rambaux N., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Ripepi V., Riva A., Rixon G., Robichon N., Robin C., Roelens M., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Rybicki K. A., Sadowski G., Sagrist`a Sell´es A., Salgado J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Slezak E., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Szabados L., Szegedi-Elek E., Taris F., Tauran G., Taylor M. B., Teixeira R., Thuillot W., Tonello N., Torra F., Torra J., Turon C., Unger N., Vaillant M., van Dillen E., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zurbach C., Zwitter T., (2021): "Gaia Early Data Release 3. The Gaia Catalogue of Nearby Stars", Astronomy and Astrophysics, 649, A6. https://ui.adsabs.harvard.edu/abs/2021A&A...649A...6G

109. Gaia Collaboration, Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Babusiaux C., Biermann M., Creevey O. L., Evans D. W., Eyer L., Hutton A., Jansen F., Jordi C., Klioner S. A., Lammers U., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., Walton N. A., Arenou F., Bailer-Jones C. A. L., Bastian U., Cropper M., Drimmel R., Katz D., Lattanzi M. G., van Leeuwen F., Bakker J., Cacciari C., Castan˜eda J., De Angeli F., Ducourant C., Fabricius C., Fouesneau M., Fr´emat Y., Guerra R., Guerrier A., Guiraud J., Jean-Antoine Piccolo A., Masana E., Messineo R., Mowlavi N., Nicolas C., Nienartowicz K., Pailler F., Panuzzo P., Riclet F., Roux W., Seabroke G. M., Sordo R., Tanga P., Th´evenin F., Gracia-Abril G., Portell J., Teyssier D., Altmann M., Andrae R., Bellas-

Velidis I., Benson K., Berthier J., Blomme R., Brugaletta E., Burgess P. W., Busso G., Carry B., Cellino A., Cheek N., Clementini G., Damerdji Y., Davidson M., Delchambre L., Dell'Oro A., Fern´andez-Hern´andez J., Galluccio L., Garc´ıa-Lario P., Garcia-Reinaldos M., Gonz´alez-Nu´n˜ez J., Gosset E., Haigron R., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hatzidimitriou D., Heiter U., Hern´andez J., Hestroffer D., Hodgkin S. T., Holl B., Janßen K., Jevardat de Fombelle G., Jordan S., Krone-Martins A., Lanzafame A. C., L¨offler W., Lorca A., Manteiga M., Marchal O.,

Marrese P. M., Moitinho A., Mora A., Muinonen K., Osborne P., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Richards P. J., Riello M., Rimoldini L., Robin A. C., Roegiers T., Rybizki J., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Ulla A., Utrilla E., van Leeuwen M., van Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Aguado J. J., Ajaj M., Altavilla G., Alvarez M. A.,´ Alvarez Cid-Fuentes J., Alves J., Anderson R. I., Anglada Varela E., Antoja T., Audard´ M., Baines D., Baker S. G., Balaguer-Nu´n˜ez L., Balbinot E., Balog Z., Barache C., Barbato D., Barros M., Barstow M. A., Bartolom´e S., Bassilana J.-L., Bauchet N., Baudesson-Stella A., Becciani U., Bellazzini M., Bernet M., Bertone S., Bianchi L., Blanco-Cuaresma S., Boch T., Bombrun A., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breedt E., Bressan A., Brouillet N., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., C´anovas H., Cantat-Gaudin T., Carballo R., Carlucci T., Carnerero M. I., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Castro Sampol P., Chaoul L., Charlot P., Chemin L., Chiavassa A., Cioni M.-R. L., Comoretto G., Cooper W. J., Cornez T., Cowell S., Crifo F., Crosta M., Crowley C., Dafonte C., Dapergolas A., David M., David P., de Laverny P., De Luise F., De March R., De Ridder J., de Souza R., de Teodoro P., de Torres A., del Peloso E. F., del Pozo E., Delbo M., Delgado A., Delgado H. E., Delisle J.-B., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Eappachen D., Edvardsson B., Enke H., Esquej P., Fabre C., Fabrizio M., Faigler S., Fedorets G., Fernique P., Fienga A., Figueras F., Fouron C., Fragkoudi F., Fraile E., Franke F., Gai M., Garabato D., Garcia-Gutierrez A., Garc´ıa-Torres M., Garofalo A., Gavras P., Gerlach E., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomel R., Gomez A., Gonzalez-Santamaria I., Gonz´alez-Vidal J. J., Granvik M., Guti´errez-S´anchez R., Guy L. P., Hauser M., Haywood M., Helmi A., Hidalgo S. L., Hilger T., Hl adczuk N., Hobbs D., Holland G., Huckle H. E., Jasniewicz G., Jonker P. G., Juaristi Campillo J., Julbe F., Karbevska
L., Kervella P., Khanna S., Kochoska A., Kontizas M., Kordopatis G., Korn A. J., Kostrzewa-Rutkowska Z., Kruszyn´ska K., Lambert S., Lanza A. F., Lasne Y., Le Campion J.-F., Le Fustec Y., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Liao S., Licata E., Lindstrøm E. P., Lister T. A., Livanou E., Lobel A., Madrero Pardo P., Managau S., Mann R. G., Marchant J. M., Marconi M., Marcos Santos M. M. S., Marinoni S., Marocco F., Marshall D. J., Martin Polo L., Mart´ın-Fleitas J. M., Masip A., Massari D., Mastrobuono-Battisti A., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Mints A., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris D., Mulone A. F., Munoz D., Muraveva T., Murphy C. P., Musella I., Noval L., Ord´enovic C., Orru` G., Osinde J., Pagani C., Pagano I., Palaversa L., Palicio P. A., Panahi A., Pawlak M., Pen˜alosa Esteller X., Penttil¨a A., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poretti E., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rainer M., Raiteri C. M., Rambaux N., Ramos P., Ramos-Lerate M., Re Fiorentin P., Regibo S., Reyl´e C., Ripepi V., Riva A., Rixon G., Robichon N., Robin C., Roelens M., Rohrbasser L., Romero-G´omez M., Rowell N., Royer F., Rybicki K. A., Sadowski G., Sagrist`a Sell´es A., Sahlmann J., Salgado J., Salguero E., Samaras N., Sanchez Gimenez V., Sanna N., Santoven˜a R., Sarasso M., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Semeux D., Shahaf S., Siddiqui H. I., Siebert A., Siltala L., Slezak E., Smart R. L., Solano E., Solitro F., Souami D., Souchay J., Spagna A., Spoto F., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Su¨veges M., Szabados L., Szegedi-Elek E., Taris F., Tauran G., Taylor M. B., Teixeira R., Thuillot W., Tonello N., Torra F., Torra J., Turon C., Unger N., Vaillant M., van Dillen E., Vanel O., Vecchiato A., Viala Y., Vicente D., Voutsinas S., Weiler M., Wevers T., Wyrzykowski L ., Yoldas A., Yvard P., Zhao H., Zorec J., Zucker S., Zurbach C., Zwitter T., (2021): "Gaia Early Data Release 3. Summary of the contents and survey properties", Astronomy and Astrophysics, 649, A1. https://ui.adsabs.harvard.edu/abs/2021A&A...649A...1G

110. Giacobbe P., Brogi M., Gandhi S., Cubillos P. E., Bonomo A. S., **Sozzetti A.**, Fossati L., Guilluy G., Carleo I., Rainer M., Harutyunyan A., Borsa F., Pino L., Nascimbeni V., Benatti S., Biazzo K., Bignamini A., Chubb K. L., Claudi R., Cosentino R., Covino E., Damasso M., Desidera S., Fiorenzano A. F. M., Ghedina A., Lanza A. F., Leto G., Maggio A., Malavolta L., Maldonado J., Micela G., Molinari E., Pagano I., Pedani M., Piotto G., Poretti E., Scandariato G., Yurchenko S. N., Fantinel D., Galli A., Lodi M., Sanna N., Tozzi A., (2021): "Five carbon- and nitrogen-bearing species in a hot giant planet's atmosphere", Nature, 592, 205. https://ui.adsabs.harvard.edu/abs/2021Natur.592..205G

111. Dumusque X., Cretignier M., Sosnowska D., Buchschacher N., Lovis C., Phillips D. F., Pepe F., Alesina F., Buchhave L. A., Burnier J., Cecconi M., Cegla H. M., Cloutier R., Collier Cameron A., Cosentino R., Ghedina A., Gonz´alez M., Haywood R. D., Latham D. W., Lodi M., L´opez-Morales M., Maldonado J., Malavolta L., Micela G., Molinari E., Mortier A., P´erez Ventura H., Pinamonti M., Poretti E., Rice K., Riverol L., Riverol C., San Juan J., S´egransan D., **Sozzetti A.**, Thompson S. J., Udry S., Wilson T. G., (2021): "Three years of HARPS-N high-resolution spectroscopy and precise radial velocity data for the Sun", Astronomy and Astrophysics, 648, A103. https://ui.adsabs.harvard.edu/abs/2021A&A...648A.103D

112. **Sozzetti A.**, Damasso M., Bonomo A. S., Alibert Y., Sousa S. G., Adibekyan V., Zapatero Osorio M. R., Gonz´alez Hern´andez J. I., Barros S. C. C., Lillo-Box J., Stassun K. G., Winn J., Cristiani S., Pepe F., Rebolo R., Santos N. C., Allart R., Barclay T., Bouchy F., Cabral A., Ciardi D., Di Marcantonio P., D'Odorico V., Ehrenreich D., Fasnaugh M., Figueira P., Haldemann J., Jenkins J. M., Latham D. W., Lavie B., Lo Curto G., Lovis C., Martins C. J. A. P., M´egevand D., Mehner A., Micela G., Molaro P., Nunes N. J., Oshagh M., Otegi J., Pall´e E., Poretti E., Ricker G., Rodriguez D., Seager S., Su´arez Mascaren˜o A., Twicken J. D., Udry S., (2021): "A sub-Neptune and a non-transiting Neptune-mass companion unveiled by ESPRESSO around the bright late-F dwarf HD 5278 (TOI-130)", Astronomy and Astrophysics, 648, A75. https://ui.adsabs.harvard.edu/abs/2021A&A...648A..75S

113. Toledo-Padr´on B., Su´arez Mascaren˜o A., Gonz´alez Hern´andez J. I., Rebolo R., Pinamonti M., Perger M., Scandariato G., Damasso M., **Sozzetti A.**, Maldonado J., Desidera S., Ribas I., Micela G., Affer L., Gonz´alezAlvarez E., Leto G., Pagano I., Zanmar S´anchez R., Giacobbe P., Herrero E., Morales J. C., Amado P. J., Caballero J. A., Quirrenbach A., Reiners A., Zechmeister M., (2021): "A super-Earth on a close-in orbit around the M1V star GJ 740. A HADES and CARMENES collaboration", Astronomy and Astrophysics, 648, A20. https://ui.adsabs.harvard.edu/abs/2021A&A...648A..20T

114. Drimmel R., **Sozzetti A.**, Schr¨oder K.-P., Bastian U., Pinamonti M., Jack D., Hern´andez Huerta M. A., (2021): "A celestial matryoshka: dynamical and spectroscopic analysis of the Albireo system", Monthly Notices of the Royal Astronomical Society, 502, 328. https://ui.adsabs.harvard.edu/abs/2021MNRAS.502..328D

115. Lacedelli G., Malavolta L., Borsato L., Piotto G., Nardiello D., Mortier A., Stalport M., Collier Cameron A., Poretti E., Buchhave L. A., L´opez-Morales M., Nascimbeni V., Wilson T. G., Udry S., Latham D. W., Bonomo A. S., Damasso M., Dumusque X., Jenkins J. M., Lovis C., Rice K., Sasselov D., Winn J. N., Andreuzzi G., Cosentino R., Charbonneau D., Di Fabrizio L., Martnez Fiorenzano A. F., Ghedina A., Harutyunyan A., Lienhard F., Micela G., Molinari E., Pagano I., Pepe F., Phillips D. F., Pinamonti M., Ricker G., Scandariato G., **Sozzetti A.**, Watson C. A., (2021): "An unusually low density ultra-short period superEarth and three mini-Neptunes around the old star TOI-561", Monthly Notices of the Royal Astronomical Society, 501, 4148. https://ui.adsabs.harvard.edu/abs/2021MNRAS.501.4148L

116. Casasayas-Barris N., Palle E., Stangret M., Bourrier V., Tabernero H. M., Yan F., Borsa F., Allart R., Zapatero Osorio M. R., Lovis C., Sousa S. G., Chen G., Oshagh M., Santos N. C., Pepe F., Rebolo R., Molaro P., Cristiani S., Adibekyan V., Alibert Y., Allende Prieto C., Bouchy F., Demangeon O. D. S., Di Marcantonio P., D'Odorico V., Ehrenreich D., Figueira P., G´enova Santos R., Gonz´alez Hern´andez J. I., Lavie B., Lillo-Box J., Lo Curto G., Martins C. J. A. P., Mehner A., Micela G., Nunes N. J., Poretti E., **Sozzetti A.**, Su´arez Mascaren˜o A., Udry S., (2021): "The atmosphere of HD 209458b seen with ESPRESSO. No detectable planetary absorptions at high resolution", Astronomy and Astrophysics, 647, A26. https://ui.adsabs.harvard.edu/abs/2021A&A...647A..26C

117. Scandariato G., Borsa F., Sicilia D., Malavolta L., Biazzo K., Bonomo A. S., Bruno G., Claudi R., Covino E., Di Marcantonio P., Esposito M., Frustagli G., Lanza A. F., Maldonado J., Maggio A., Mancini L., Micela G., Nardiello D., Rainer M., Singh V., **Sozzetti A.**, Affer L., Benatti S., Bignamini A., Biliotti V., CapuzzoDolcetta R., Carleo I., Cosentino R., Damasso M., Desidera S., Garcia de Gurtubai A., Ghedina A., Giacobbe P., Giani E., Harutyunyan A., Hernandez N., Hernandez Diaz M., Knapic C., Leto G., Mart´ınez Fiorenzano A. F., Molinari E., Nascimbeni V., Pagano I., Pedani M., Piotto G., Poretti E., Stoev H., (2021): "The GAPS Programme at TNG. XXIX. No detection of reflected light from 51 Peg b using optical high-resolution spectroscopy", Astronomy and Astrophysics, 646, A159. https://ui.adsabs.harvard.edu/abs/2021A&A...646A.159S

118. Tabernero H. M., Zapatero Osorio M. R., Allart R., Borsa F., Casasayas-Barris N., Demangeon O., Ehrenreich D., Lillo-Box J., Lovis C., Pall´e E., Sousa S. G., Rebolo R., Santos N. C., Pepe F., Cristiani S., Adibekyan V., Allende Prieto C., Alibert Y., Barros S. C. C., Bouchy F., Bourrier V., D'Odorico V., Dumusque X., Faria J. P., Figueira P., G´enova Santos R., Gonz´alez Hern´andez J. I., Hojjatpanah S., Lo Curto G., Lavie B., Martins C. J. A. P., Martins J. H. C., Mehner A., Micela G., Molaro P., Nunes N. J., Poretti E., Seidel J. V., **Sozzetti A.**, Su´arez Mascaren˜o A., Udry S., Aliverti M., Affolter M., Alves D., Amate M., Avila G., Bandy T., Benz W., Bianco A., Broeg C., Cabral A., Conconi P., Coelho J., Cumani C., Deiries S., Dekker H., Delabre B., Fragoso A., Genoni M., Genolet L., Hughes I., Knudstrup J.,

Kerber F., Landoni M., Lizon J. L., Maire C., Manescau A., Di Marcantonio P., M´egevand D., Monteiro M., Monteiro M., Moschetti M., Mueller E., Modigliani A., Oggioni L., Oliveira A., Pariani G., Pasquini L., Rasilla J. L., Redaelli E., Riva M., Santana-Tschudi S., Santin P., Santos P., Segovia A., Sosnowska D., Span`o P., Tenegi F., Iwert O., Zanutta A., Zerbi F., (2021): "ESPRESSO high-resolution transmission spectroscopy of WASP-76 b", Astronomy and Astrophysics, 646, A158. https://ui.adsabs.harvard.edu/abs/2021A&A...646A.158T

119. Schmidt T. M., Molaro P., Murphy M. T., Lovis C., Cupani G., Cristiani S., Pepe F. A., Rebolo R., Santos N. C., Abreu M., Adibekyan V., Alibert Y., Aliverti M., Allart R., Allende Prieto C., Alves D., Baldini V., Broeg C., Cabral A., Calderone G., Cirami R., Coelho J., Coretti I., D'Odorico V., Di Marcantonio P., Ehrenreich D., Figueira P., Genoni M., G´enova Santos R., Gonz´alez Hern´andez J. I., Kerber F., Landoni M., Leite A. C. O., Lizon J.-L., Lo Curto G., Manescau A., Martins C. J. A. P., Meg´evand D., Mehner A., Micela G., Modigliani A., Monteiro M., Monteiro M. J. P. F. G., Mueller E., Nunes N. J., Oggioni L., Oliveira A., Pariani G., Pasquini L., Redaelli E., Riva M., Santos P., Sosnowska D., Sousa S. G., **Sozzetti A.**, Su´arez Mascaren˜o A., Udry S., Zapatero Osorio M.-R., Zerbi F., (2021): "Fundamental physics with ESPRESSO: Towards an accurate wavelength calibration for a precision test of the fine-structure constant", Astronomy and Astrophysics, 646, A144. https://ui.adsabs.harvard.edu/abs/2021A&A...646A.144S

120. Guilluy G., Gressier A., Wright S., Santerne A., Jaziri A. Y., Edwards B., Changeat Q., Modirrousta-Galian D., Skaf N., Al-Refaie A., Baeyens R., Bieger M. F., Blain D., Kiefer F., Morvan M., Mugnai L. V., Pluriel W., Poveda M., Zingales T., Whiteford N., Yip K. H., Charnay B., Leconte J., Drossart P., **Sozzetti A.**, Marcq E., Tsiaras A., Venot O., Waldmann I., Beaulieu J.-P., (2021): "ARES IV: Probing the Atmospheres of the Two Warm Small Planets HD 106315c and HD 3167c with the HST/WFC3 Camera", The Astronomical Journal, 161, 19. https://ui.adsabs.harvard.edu/abs/2021AJ....161...19G

121. Pepe F., Cristiani S., Rebolo R., Santos N. C., Dekker H., Cabral A., Di Marcantonio P., Figueira P., Lo Curto G., Lovis C., Mayor M., M´egevand D., Molaro P., Riva M., Zapatero Osorio M. R., Amate M., Manescau A., Pasquini L., Zerbi F. M., Adibekyan V., Abreu M., Affolter M., Alibert Y., Aliverti M., Allart R., Allende Prieto C., Alvarez D., Alves D., Avila G., Baldini V., Bandy T., Barros S. C. C., Benz W., Bianco A., Borsa´ F., Bourrier V., Bouchy F., Broeg C., Calderone G., Cirami R., Coelho J., Conconi P., Coretti I., Cumani C., Cupani G., D'Odorico V., Damasso M., Deiries S., Delabre B., Demangeon O. D. S., Dumusque X., Ehrenreich D., Faria J. P., Fragoso A., Genolet L., Genoni M., G´enova Santos R., Gonz´alez Hern´andez J. I., Hughes I., Iwert O., Kerber F., Knudstrup J., Landoni M., Lavie B., Lillo-Box J., Lizon J.-L., Maire C., Martins C. J. A. P., Mehner A., Micela G., Modigliani A., Monteiro M. A., Monteiro M. J. P. F. G., Moschetti M., Murphy M. T., Nunes N., Oggioni L., Oliveira A., Oshagh M., Pall´e E., Pariani G., Poretti E., Rasilla J. L., Rebord˜ao J., Redaelli E. M., Santana Tschudi S., Santin P., Santos P., S´egransan D., Schmidt T. M., Segovia A., Sosnowska D., **Sozzetti A.**, Sousa S. G., Span`o P., Su´arez Mascaren˜o A., Tabernero H., Tenegi F., Udry S., Zanutta A., (2021): "ESPRESSO at VLT. On-sky performance and first results", Astronomy and Astrophysics, 645, A96. https://ui.adsabs.harvard.edu/abs/2021A&A...645A..96P

122. Carleo I., Desidera S., Nardiello D., Malavolta L., Lanza A. F., Livingston J., Locci D., Marzari F., Messina S., Turrini D., Baratella M., Borsa F., D'Orazi V., Nascimbeni V., Pinamonti M., Rainer M., Alei E., Bignamini A., Gratton R., Micela G., Montalto M., **Sozzetti A.**, Squicciarini V., Affer L., Benatti S., Biazzo K., Bonomo A. S., Claudi R., Cosentino R., Covino E., Damasso M., Esposito M., Fiorenzano A., Frustagli G., Giacobbe P., Harutyunyan A., Leto G., Magazzu` A., Maggio A., Mainella G., Maldonado J., Mallonn M., Mancini L., Molinari E., Molinaro M., Pagano I., Pedani M., Piotto G., Poretti E., Redfield S., Scandariato G., (2021): "The GAPS Programme at TNG. XXVIII. A pair of hot-Neptunes orbiting the young star TOI942", Astronomy and Astrophysics, 645, A71. https://ui.adsabs.harvard.edu/abs/2021A&A...645A..71C

123. Borsa F., Allart R., Casasayas-Barris N., Tabernero H., Zapatero Osorio M. R., Cristiani S., Pepe F., Rebolo R., Santos N. C., Adibekyan V., Bourrier V., Demangeon O. D. S., Ehrenreich D., Pall´e E., Sousa S., LilloBox J., Lovis C., Micela G., Oshagh M., Poretti E., **Sozzetti A.**, Allende Prieto C., Alibert Y., Amate M., Benz W., Bouchy F., Cabral A., Dekker H., D'Odorico V., Di Marcantonio P., Figueira P., Genova Santos R., Gonz´alez Hern´andez J. I., Lo Curto G., Manescau A., Martins C. J. A. P., M´egevand D., Mehner A., Molaro P., Nunes N. J., Riva M., Su´arez Mascaren˜o A., Udry S., Zerbi F., (2021): "Atmospheric Rossiter-McLaughlin effect and

transmission spectroscopy of WASP-121b with ESPRESSO", Astronomy and Astrophysics, 645, A24. https://ui.adsabs.harvard.edu/abs/2021A&A...645A..24B

124. Mortier A., Zapatero Osorio M. R., Malavolta L., Alibert Y., Rice K., Lillo-Box J., Vanderburg A., Oshagh M., Buchhave L., Adibekyan V., Delgado Mena E., Lopez-Morales M., Charbonneau D., Sousa S. G., Lovis C., Affer L., Allende Prieto C., Barros S. C. C., Benatti S., Bonomo A. S., Boschin W., Bouchy F., Cabral A., Collier Cameron A., Cosentino R., Cristiani S., Demangeon O. D. S., Di Marcantonio P., D'Odorico V., Dumusque X., Ehrenreich D., Figueira P., Fiorenzano A., Ghedina A., Gonz´alez Hern´andez J. I., Haldemann J., Harutyunyan A., Haywood R. D., Latham D. W., Lavie B., Lo Curto G., Maldonado J., Manescau A., Martins C. J. A. P., Mayor M., M´egevand D., Mehner A., Micela G., Molaro P., Molinari E., Nunes N. J., Pepe F. A., Palle E., Phillips D., Piotto G., Pinamonti M., Poretti E., Riva M., Rebolo R., Santos N. C., Sasselov D., **Sozzetti A.**, Su´arez Mascaren˜o A., Udry S., West R. G., Watson C. A., Wilson T. G., (2020): "K2-111: an old system with two planets in near-resonance", Monthly Notices of the Royal Astronomical Society, 499, 5004. https://ui.adsabs.harvard.edu/abs/2020MNRAS.499.5004M

125. Allart R., Pino L., Lovis C., Sousa S. G., Casasayas-Barris N., Zapatero Osorio M. R., Cretignier M., Palle E., Pepe F., Cristiani S., Rebolo R., Santos N. C., Borsa F., Bourrier V., Demangeon O. D. S., Ehrenreich D., Lavie B., Lendl M., Lillo-Box J., Micela G., Oshagh M., **Sozzetti A.**, Tabernero H., Adibekyan V., Allende Prieto C., Alibert Y., Amate M., Benz W., Bouchy F., Cabral A., Dekker H., D'Odorico V., Di Marcantonio P., Dumusque X., Figueira P., Genova Santos R., Gonz´alez Hern´andez J. I., Lo Curto G., Manescau A., Martins C. J. A. P., M´egevand D., Mehner A., Molaro P., Nunes N. J., Poretti E., Riva M., Su´arez Mascaren˜o A., Udry S., Zerbi F., (2020): "WASP-127b: a misaligned planet with a partly cloudy atmosphere and tenuous sodium signature seen by ESPRESSO", Astronomy and Astrophysics, 644, A155. https://ui.adsabs.harvard.edu/abs/2020A&A...644A.155A

126. Maldonado J., Micela G., Baratella M., D'Orazi V., Affer L., Biazzo K., Lanza A. F., Maggio A., Gonz´alez Hern´andez J. I., Perger M., Pinamonti M., Scandariato G., **Sozzetti A.**, Locci D., Di Maio C., Bignamini A., Claudi R., Molinari E., Rebolo R., Ribas I., Toledo-Padr´on B., Covino E., Desidera S., Herrero E., Morales J. C., Su´arez-Mascaren˜o A., Pagano I., Petralia A., Piotto G., Poretti E., (2020): "HADES RV programme with HARPS-N at TNG. XII. The abundance signature of M dwarf stars with planets", Astronomy and Astrophysics, 644, A68. https://ui.adsabs.harvard.edu/abs/2020A&A...644A..68M

127. Santos N. C., Cristo E., Demangeon O., Oshagh M., Allart R., Barros S. C. C., Borsa F., Bourrier V., Casasayas-Barris N., Ehrenreich D., Faria J. P., Figueira P., Martins J. H. C., Micela G., Pall´e E., **Sozzetti A.**, Tabernero H. M., Zapatero Osorio M. R., Pepe F., Cristiani S., Rebolo R., Adibekyan V., Allende Prieto C., Alibert Y., Bouchy F., Cabral A., Dekker H., Di Marcantonio P., D'Odorico V., Dumusque X., Gonz´alez Hern´andez J. I., Lavie B., Lo Curto G., Lovis C., Manescau A., Martins C. J. A. P., M´egevand D., Mehner A., Molaro P., Nunes N. J., Poretti E., Riva M., Sousa S. G., Su´arez Mascaren˜o A., Udry S., (2020): "Broadband transmission spectroscopy of HD 209458b with ESPRESSO: evidence for Na, TiO, or both", Astronomy and Astrophysics, 644, A51. https://ui.adsabs.harvard.edu/abs/2020A&A...644A..51S

128. Simonetti P., Vladilo G., Silva L., **Sozzetti A.**, (2020): "Statistical Properties of Habitable Zones in Stellar Binary Systems", The Astrophysical Journal, 903, 141. https://ui.adsabs.harvard.edu/abs/2020ApJ...903..141S

129. Damasso M., Lanza A. F., Benatti S., Rajpaul V. M., Mallonn M., Desidera S., Biazzo K., D'Orazi V., Malavolta L., Nardiello D., Rainer M., Borsa F., Affer L., Bignamini A., Bonomo A. S., Carleo I., Claudi R., Cosentino R., Covino E., Giacobbe P., Gratton R., Harutyunyan A., Knapic C., Leto G., Maggio A., Maldonado J., Mancini L., Micela G., Molinari E., Nascimbeni V., Pagano I., Piotto G., Poretti E., Scandariato G., **Sozzetti A.**, Capuzzo Dolcetta R., Di Mauro M. P., Carosati D., Fiorenzano A., Frustagli G., Pedani M., Pinamonti M., Stoev H., Turrini D., (2020): "The GAPS Programme at TNG. XXVII. Reassessment of a young planetary system with HARPS-N: is the hot Jupiter V830 Tau b really there?", Astronomy and Astrophysics, 642, A133. https://ui.adsabs.harvard.edu/abs/2020A&A...642A.133D

130. Damasso M., **Sozzetti A.**, Lovis C., Barros S. C. C., Sousa S. G., Demangeon O. D. S., Faria J. P., Lillo-Box

J., Cristiani S., Pepe F., Rebolo R., Santos N. C., Zapatero Osorio M. R., Gonz´alez Hern´andez J. I., Amate M., Pasquini L., Zerbi F. M., Adibekyan V., Abreu M., Affolter M., Alibert Y., Aliverti M., Allart R., Allende Prieto C., Alvarez D., Alves D., Avila G., Baldini V., Bandy T., Benz W., Bianco A., Borsa F., Bossini´ D., Bourrier V., Bouchy F., Broeg C., Cabral A., Calderone G., Cirami R., Coelho J., Conconi P., Coretti I., Cumani C., Cupani G., D'Odorico V., Deiries S., Dekker H., Delabre B., Di Marcantonio P., Dumusque X., Ehrenreich D., Figueira P., Fragoso A., Genolet L., Genoni M., G´enova Santos R., Hughes I., Iwert O., Kerber F., Knudstrup J., Landoni M., Lavie B., Lizon J.-L., Lo Curto G., Maire C., Martins C. J. A. P.,
M´egevand D., Mehner A., Micela G., Modigliani A., Molaro P., Monteiro M. A., Monteiro M. J. P. F. G., Moschetti M., Mueller E., Murphy M. T., Nunes N., Oggioni L., Oliveira A., Oshagh M., Pall´e E., Pariani G., Poretti E., Rasilla J. L., Rebord˜ao J., Redaelli E. M., Riva M., Santana Tschudi S., Santin P., Santos P., S´egransan D., Schmidt T. M., Segovia A., Sosnowska D., Span`o P., Su´arez Mascaren˜o A., Tabernero H., Tenegi F., Udry S., Zanutta A., (2020): "A precise architecture characterization of the π Mensae planetary system", Astronomy and Astrophysics, 642, A31. https://ui.adsabs.harvard.edu/abs/2020A&A...642A..31D

131. Toledo-Padr´on B., Lovis C., Su´arez Mascaren˜o A., Barros S. C. C., Gonz´alez Hern´andez J. I., **Sozzetti A.**, Bouchy F., Zapatero Osorio M. R., Rebolo R., Cristiani S., Pepe F. A., Santos N. C., Sousa S. G., Tabernero H. M., Lillo-Box J., Bossini D., Adibekyan V., Allart R., Damasso M., D'Odorico V., Figueira P., Lavie B., Lo Curto G., Mehner A., Micela G., Modigliani A., Nunes N. J., Pall´e E., Abreu M., Affolter M., Alibert Y., Aliverti M., Allende Prieto C., Alves D., Amate M., Avila G., Baldini V., Bandy T., Benatti S., Benz W., Bianco A., Broeg C., Cabral A., Calderone G., Cirami R., Coelho J., Conconi P., Coretti I., Cumani C., Cupani G., Deiries S., Dekker H., Delabre B., Demangeon O., Di Marcantonio P., Ehrenreich D., Fragoso A., Genolet L., Genoni M., G´enova Santos R., Hughes I., Iwert O., Knudstrup J., Landoni M., Lizon J. L., Maire C., Manescau A., Martins C. J. A. P., M´egevand D., Molaro P., Monteiro M. J. P. F. G., Monteiro M. A., Moschetti M., Mueller E., Oggioni L., Oliveira A., Oshagh M., Pariani G., Pasquini L., Poretti E., Rasilla J. L., Redaelli E., Riva M., Santana Tschudi S., Santin P., Santos P., Segovia A., Sosnowska D., Span`o P., Tenegi F., Udry S., Zanutta A., Zerbi F., (2020): "Characterization of the K2-38 planetary system. Unraveling one of the densest planets known to date", Astronomy and Astrophysics, 641, A92. https://ui.adsabs.harvard.edu/abs/2020A&A...641A..92T

132. Barbato D., Pinamonti M., **Sozzetti A.**, Biazzo K., Benatti S., Damasso M., Desidera S., Lanza A. F., Maldonado J., Mancini L., Scandariato G., Affer L., Andreuzzi G., Bignamini A., Bonomo A. S., Borsa F.,
Carleo I., Claudi R., Cosentino R., Covino E., Fiorenzano A. F. M., Giacobbe P., Harutyunyan A., Knapic C., Leto G., Lorenzi V., Maggio A., Malavolta L., Micela G., Molinari E., Molinaro M., Nascimbeni V., Pagano I., Pedani M., Piotto G., Poretti E., Rainer M., (2020): "The GAPS programme at TNG. XXIV. An eccentric Neptune-mass planet near the inner edge of the BD-11 4672 habitable zone", Astronomy and Astrophysics, 641, A68. https://ui.adsabs.harvard.edu/abs/2020A&A...641A..68B

133. Baratella M., D'Orazi V., Biazzo K., Desidera S., Gratton R., Benatti S., Bignamini A., Carleo I., Cecconi M., Claudi R., Cosentino R., Ghedina A., Harutyunyan A., Lanza A. F., Malavolta L., Maldonado J., Mallonn M., Messina S., Micela G., Molinari E., Poretti E., Scandariato G., **Sozzetti A.**, (2020): "The GAPS Programme at TNG. XXV. Stellar atmospheric parameters and chemical composition through GIARPS optical and near-infrared spectra", Astronomy and Astrophysics, 640, A123. https://ui.adsabs.harvard.edu/abs/2020A&A...640A.123B

134. Cloutier R., Rodriguez J. E., Irwin J., Charbonneau D., Stassun K. G., Mortier A., Latham D. W., Isaacson
H., Howard A. W., Udry S., Wilson T. G., Watson C. A., Pinamonti M., Lienhard F., Giacobbe P., Guerra P., Collins K. A., Beiryla A., Esquerdo G. A., Matthews E., Matson R. A., Howell S. B., Furlan E., Crossfield I. J. M., Winters J. G., Nava C., Ment K., Lopez E. D., Ricker G., Vanderspek R., Seager S., Jenkins J. M., Ting E. B., Tenenbaum P., **Sozzetti A.**, Sha L., S´egransan D., Schlieder J. E., Sasselov D., Roy A., Robertson P., Rice K., Poretti E., Piotto G., Phillips D., Pepper J., Pepe F., Molinari E., Mocnik T., Micela G., Mayor M., Martinez Fiorenzano A. F., Mallia F., Lubin J., Lovis C., L´opez-Morales M., Kosiarek M. R., Kielkopf J. F., Kane S. R., Jensen E. L. N., Isopi G., Huber D., Hill M. L., Harutyunyan A., Gonzales E., Giacalone S., Ghedina A., Ercolino A., Dumusque X., Dressing C. D., Damasso M., Dalba P. A., Cosentino R., Conti D. M., Col´on K. D., Collins K. I., Cameron A. C., Ciardi D., Christiansen J., Chontos A., Cecconi M., Caldwell D. A., Burke C., Buchhave L., Beichman C., Behmard A., Beard C., Akana Murphy J. M., (2020): "TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs", The Astronomical Journal, 160, 22. https://ui.adsabs.harvard.edu/abs/2020AJ....160...22C

135. Cloutier R., Eastman J. D., Rodriguez J. E., Astudillo-Defru N., Bonfils X., Mortier A., Watson C. A., Stalport M., Pinamonti M., Lienhard F., Harutyunyan A., Damasso M., Latham D. W., Collins K. A., Massey R., Irwin J., Winters J. G., Charbonneau D., Ziegler C., Matthews E., Crossfield I. J. M., Kreidberg L., Quinn S. N., Ricker G., Vanderspek R., Seager S., Winn J., Jenkins J. M., Vezie M., Udry S., Twicken J. D., Tenenbaum P., **Sozzetti A.**, S´egransan D., Schlieder J. E., Sasselov D., Santos N. C., Rice K., Rackham B. V., Poretti E., Piotto G., Phillips D., Pepe F., Molinari E., Mignon L., Micela G., Melo C., de Medeiros J. R., Mayor M., Matson R. A., Martinez Fiorenzano A. F., Mann A. W., Magazzu´ A., Lovis C., L´opez-Morales M., Lopez E., Lissauer J. J., L´epine S., Law N., Kielkopf J. F., Johnson J. A., Jensen E. L. N., Howell S. B., Gonzales E., Ghedina A., Forveille T., Figueira P., Dumusque X., Dressing C. D., Doyon R., D´ıaz R. F., Fabrizio L. D., Delfosse X., Cosentino R., Conti D. M., Collins K. I., Cameron A. C., Ciardi D., Caldwell D. A., Burke C., Buchhave L., Bricen˜o C., Boyd P., Bouchy F., Beichman C., Artigau E., Almenara J. M.,´ (2020): "A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780", The Astronomical Journal, 160, 3. https://ui.adsabs.harvard.edu/abs/2020AJ....160....3C

136. Su´arez Mascaren˜o A., Faria J. P., Figueira P., Lovis C., Damasso M., Gonz´alez Hern´andez J. I., Rebolo R., Cristiani S., Pepe F., Santos N. C., Zapatero Osorio M. R., Adibekyan V., Hojjatpanah S., **Sozzetti A.**, Murgas F., Abreu M., Affolter M., Alibert Y., Aliverti M., Allart R., Allende Prieto C., Alves D., Amate M., Avila G., Baldini V., Bandi T., Barros S. C. C., Bianco A., Benz W., Bouchy F., Broeng C., Cabral A., Calderone G., Cirami R., Coelho J., Conconi P., Coretti I., Cumani C., Cupani G., D'Odorico V., Deiries S., Delabre B., Di Marcantonio P., Dumusque X., Ehrenreich D., Fragoso A., Genolet L., Genoni M., G´enova Santos R., Hughes I., Iwert O., Kerber F., Knusdstrup J., Landoni M., Lavie B., Lillo-Box J., Lizon J., Lo Curto G., Maire C., Manescau A., Martins C. J. A. P., M´egevand D., Mehner A., Micela G., Modigliani A., Molaro P., Monteiro M. A., Monteiro M. J. P. F. G., Moschetti M., Mueller E., Nunes N. J., Oggioni L., Oliveira A., Pall´e E., Pariani G., Pasquini L., Poretti E., Rasilla J. L., Redaelli E., Riva M., Santana Tschudi S., Santin P., Santos P., Segovia A., Sosnowska D., Sousa S., Span`o P., Tenegi F., Udry S., Zanutta A., Zerbi F., (2020): "Revisiting Proxima with ESPRESSO", Astronomy and Astrophysics, 639, A77. https://ui.adsabs.harvard.edu/abs/2020A&A...639A..77S

137. Benatti S., Damasso M., Desidera S., Marzari F., Biazzo K., Claudi R., Di Mauro M. P., Lanza A. F., Pinamonti M., Barbato D., Malavolta L., Poretti E., **Sozzetti A.**, Affer L., Bignamini A., Bonomo A. S., Borsa F., Brogi M., Bruno G., Carleo I., Cosentino R., Covino E., Frustagli G., Giacobbe P., Gonzalez M., Gratton R., Harutyunyan A., Knapic C., Leto G., Lodi M., Maggio A., Maldonado J., Mancini L., Martinez Fiorenzano A., Micela G., Molinari E., Molinaro M., Nardiello D., Nascimbeni V., Pagano I., Pedani M., Piotto G., Rainer M., Scandariato G., (2020): "The GAPS programme at TNG. XXIII. HD 164922 d: close-in super-Earth discovered with HARPS-N in a system with a long-period Saturn mass companion", Astronomy and Astrophysics, 639, A50. https://ui.adsabs.harvard.edu/abs/2020A&A...639A..50B

138. Guilluy G., Andretta V., Borsa F., Giacobbe P., **Sozzetti A.**, Covino E., Bourrier V., Fossati L., Bonomo A. S., Esposito M., Giampapa M. S., Harutyunyan A., Rainer M., Brogi M., Bruno G., Claudi R., FrustagliG., Lanza A. F., Mancini L., Pino L., Poretti E., Scandariato G., Affer L., Baffa C., Baruffolo A., Benatti S., Biazzo K., Bignamini A., Boschin W., Carleo I., Cecconi M., Cosentino R., Damasso M., Desidera S., Falcini G., Martinez Fiorenzano A. F., Ghedina A., Gonz´alez-Alvarez E., Guerra J., Hernandez N., Leto G.,´ Maggio A., Malavolta L., Maldonado J., Micela G., Molinari E., Nascimbeni V., Pagano I., Pedani M., Piotto G., Reiners A., (2020): "The GAPS programme at TNG. XXII. The GIARPS view of the extended helium atmosphere of HD 189733 b accounting for stellar activity", Astronomy and Astrophysics, 639, A49. https://ui.adsabs.harvard.edu/abs/2020A&A...639A..49G

139. Gandhi S., Brogi M., Yurchenko S. N., Tennyson J., Coles P. A., Webb R. K., Birkby J. L., Guilluy G., Hawker G. A., Madhusudhan N., Bonomo A. S., **Sozzetti A.**, (2020): "Molecular cross-sections for highresolution spectroscopy of super-Earths, warm Neptunes, and hot Jupiters", Monthly Notices of the Royal Astronomical Society, 495, 224. https://ui.adsabs.harvard.edu/abs/2020MNRAS.495..224G

140. Gratton R., Zurlo A., Le Coroller H., Damasso M., Del Sordo F., Langlois M., Mesa D., Milli J., Chauvin G., Desidera S., Hagelberg J., Lagadec E., Vigan A., Boccaletti A., Bonnefoy M., Brandner W., Brown S., Cantalloube F., Delorme P., D'Orazi V., Feldt M., Galicher R., Henning T., Janson M., Kervella P., Lagrange

A.-M., Lazzoni C., Ligi R., Maire A.-L., M´enard F., Meyer M., Mugnier L., Potier A., Rickman E. L., Rodet L., Romero C., Schmidt T., Sissa E., **Sozzetti A.**, Szul´agyi J., Wahhaj Z., Antichi J., Fusco T., Stadler E., Suarez M., Wildi F., (2020): "Searching for the near-infrared counterpart of Proxima c using multi-epoch high-contrast SPHERE data at VLT", Astronomy and Astrophysics, 638, A120. https://ui.adsabs.harvard.edu/abs/2020A&A...638A.120G

141. Carleo I., Malavolta L., Lanza A. F., Damasso M., Desidera S., Borsa F., Mallonn M., Pinamonti M., Gratton R., Alei E., Benatti S., Mancini L., Maldonado J., Biazzo K., Esposito M., Frustagli G., Gonz´alez-Alvarez´ E., Micela G., Scandariato G., **Sozzetti A.**, Affer L., Bignamini A., Bonomo A. S., Claudi R., Cosentino R., Covino E., Fiorenzano A. F. M., Giacobbe P., Harutyunyan A., Leto G., Maggio A., Molinari E., Nascimbeni V., Pagano I., Pedani M., Piotto G., Poretti E., Rainer M., Redfield S., Baffa C., Baruffolo A., Buchschacher N., Billotti V., Cecconi M., Falcini G., Fantinel D., Fini L., Galli A., Ghedina A., Ghinassi F., Giani E., Gonzalez C., Gonzalez M., Guerra J., Hernandez Diaz M., Hernandez N., Iuzzolino M., Lodi M., Oliva E.,
Origlia L., Perez Ventura H., Puglisi A., Riverol C., Riverol L., San Juan J., Sanna N., Scuderi S., Seemann U., Sozzi M., Tozzi A., (2020): "The GAPS Programme at TNG. XXI. A GIARPS case study of known young planetary candidates: confirmation of HD 285507 b and refutation of AD Leonis b", Astronomy and Astrophysics, 638, A5. https://ui.adsabs.harvard.edu/abs/2020A&A...638A...5C

142. Thompson A. P. G., Watson C. A., Haywood R. D., Costes J. C., de Mooij E., Collier Cameron A., Dumusque X., Phillips D. F., Saar S. H., Mortier A., Milbourne T. W., Aigrain S., Cegla H. M., Charbonneau D., Cosentino R., Ghedina A., Latham D. W., L´opez-Morales M., Micela G., Molinari E., Poretti E., **Sozzetti A.**, Thompson S., Walsworth R., (2020): "The spectral impact of magnetic activity on disc-integrated HARPS-N solar observations: exploring new activity indicators", Monthly Notices of the Royal Astronomical Society, 494, 4279. https://ui.adsabs.harvard.edu/abs/2020MNRAS.494.4279T

143. Bonavita M., Fontanive C., Desidera S., D'Orazi V., Zurlo A., Mu˘zi´c K., Biller B., Gratton R., Mesa D., **Sozzetti A.**, (2020): "A new white dwarf companion around the $\Delta\mu$ star GJ 3346", Monthly Notices of the Royal Astronomical Society, 494, 3481. https://ui.adsabs.harvard.edu/abs/2020MNRAS.494.3481B

144. Pino L., D´esert J.-M., Brogi M., Malavolta L., Wyttenbach A., Line M., Hoeijmakers J., Fossati L., Bonomo A. S., Nascimbeni V., Panwar V., Affer L., Benatti S., Biazzo K., Bignamini A., Borsa F., Carleo I., ClaudiR., Cosentino R., Covino E., Damasso M., Desidera S., Giacobbe P., Harutyunyan A., Lanza A. F., Leto G., Maggio A., Maldonado J., Mancini L., Micela G., Molinari E., Pagano I., Piotto G., Poretti E., Rainer M., Scandariato G., **Sozzetti A.**, Allart R., Borsato L., Bruno G., Di Fabrizio L., Ehrenreich D., Fiorenzano
A., Frustagli G., Lavie B., Lovis C., Magazzu` A., Nardiello D., Pedani M., Smareglia R., (2020): "Neutral Iron Emission Lines from the Dayside of KELT-9b: The GAPS Program with HARPS-N at TNG XX", The Astrophysical Journal, 894, L27. https://ui.adsabs.harvard.edu/abs/2020ApJ...894L..27P

145. Ehrenreich D., Lovis C., Allart R., Zapatero Osorio M. R., Pepe F., Cristiani S., Rebolo R., Santos N. C., Borsa F., Demangeon O., Dumusque X., Gonz´alez Hern´andez J. I., Casasayas-Barris N., S´egransan D., Sousa S., Abreu M., Adibekyan V., Affolter M., Allende Prieto C., Alibert Y., Aliverti M., Alves D., Amate M., Avila G., Baldini V., Bandy T., Benz W., Bianco A., Bolmont E., Bouchy F., Bourrier V., Broeg C., Cabral´
A., Calderone G., Pall´e E., Cegla H. M., Cirami R., Coelho J. M. P., Conconi P., Coretti I., Cumani C., Cupani G., Dekker H., Delabre B., Deiries S., D'Odorico V., Di Marcantonio P., Figueira P., Fragoso A., Genolet L., Genoni M., G´enova Santos R., Hara N., Hughes I., Iwert O., Kerber F., Knudstrup J., Landoni M., Lavie B., Lizon J.-L., Lendl M., Lo Curto G., Maire C., Manescau A., Martins C. J. A. P., M´egevand D., Mehner A., Micela G., Modigliani A., Molaro P., Monteiro M., Monteiro M., Moschetti M., Mu¨ller E., Nunes N., Oggioni L., Oliveira A., Pariani G., Pasquini L., Poretti E., Rasilla J. L., Redaelli E., Riva M., Santana
Tschudi S., Santin P., Santos P., Segovia Milla A., Seidel J. V., Sosnowska D., **Sozzetti A.**, Span`o P., Su´arez Mascaren˜o A., Tabernero H., Tenegi F., Udry S., Zanutta A., Zerbi F., (2020): "Nightside condensation of iron in an ultrahot giant exoplanet", Nature, 580, 597.
https://ui.adsabs.harvard.edu/abs/2020Natur.580..597E

146. Giacobbe P., Benedetto M., Damasso M., **Sozzetti A.**, Christille J. M., Lattanzi M. G., Calcidese P., Carbognani A., Barbato D., Pinamonti M., Poggio E., Lanza A. F., Bernagozzi A., Cenadelli D., Lanteri L., Bertolini E., (2020): "Photometric rotation periods for 107 M dwarfs from the APACHE survey", Monthly Notices of the Royal Astronomical Society, 491, 5216. https://ui.adsabs.harvard.edu/abs/2020MNRAS.491.5216G

147. Damasso M., Del Sordo F., Anglada-Escud´e G., Giacobbe P., **Sozzetti A.**, Morbidelli A., Pojmanski G., Barbato D., Butler R. P., Jones H. R. A., Hambsch F.-J., Jenkins J. S., L´opez-Gonz´alez M. J., Morales N., Pen˜a Rojas P. A., Rodr´ıguez-L´opez C., Rodr´ıguez E., Amado P. J., Anglada G., Feng F., G´omez J. F., (2020): "A low-mass planet candidate orbiting Proxima Centauri at a distance of 1.5 AU", Science Advances, 6, eaax7467. https://ui.adsabs.harvard.edu/abs/2020SciA....6.7467D

148. Miklos M., Milbourne T. W., Haywood R. D., Phillips D. F., Saar S. H., Meunier N., Cegla H. M., Dumusque X., Langellier N., Maldonado J., Malavolta L., Mortier A., Thompson S., Watson C. A., Cecconi M., Cosentino R., Ghedina A., Li C.-H., L´opez-Morales M., Molinari E., Poretti E., Sasselov D., **Sozzetti A.**, Walsworth R. L., (2020): "Testing the Spectroscopic Extraction of Suppression of Convective Blueshift", The Astrophysical Journal, 888, 117. https://ui.adsabs.harvard.edu/abs/2020ApJ...888..117M

149. Frustagli G., Poretti E., Milbourne T., Malavolta L., Mortier A., Singh V., Bonomo A. S., Buchhave L. A., Zeng L., Vanderburg A., Udry S., Andreuzzi G., Collier-Cameron A., Cosentino R., Damasso M., Ghedina A., Harutyunyan A., Haywood R. D., Latham D. W., L´opez-Morales M., Lorenzi V., Martinez Fiorenzano A. F., Mayor M., Micela G., Molinari E., Pepe F., Phillips D., Rice K., **Sozzetti A.**, (2020): "An ultra-short period rocky super-Earth orbiting the G2-star HD 80653", Astronomy and Astrophysics, 633, A133. https://ui.adsabs.harvard.edu/abs/2020A&A...633A.133F

150. Bonifacio P., Molaro P., Adibekyan V., Aguado D., Alibert Y., Allende Prieto C., Caffau E., Cristiani S., Cupani G., Di Marcantonio P., D'Odorico V., Ehrenreich D., Figueira P., Genova R., Gonz´alez Hern´andez J. I., Lo Curto G., Lovis C., Martins C. J. A. P., Mehner A., Micela G., Monaco L., Nunes N. J., Pepe F. A., Poretti E., Rebolo R., Santos N. C., Saviane I., Sousa S., **Sozzetti A.**, Suarez-Mascaren˜o A., Udry S., Zapatero-Osorio M. R., (2020): "ESPRESSO highlights the binary nature of the ultra-metal-poor giant HE 0107-5240", Astronomy and Astrophysics, 633, A129. https://ui.adsabs.harvard.edu/abs/2020A&A...633A.129B

151. Dubber S. C., Mortier A., Rice K., Nava C., Malavolta L., Giles H., Coffinet A., Charbonneau D., Vanderburg A., Bonomo A. S., Boschin W., Buchhave L. A., Collier Cameron A., Cosentino R., Dumusque X., Ghedina A., Harutyunyan A., Haywood R. D., Latham D., L´opez-Morales M., Micela G., Molinari E., Pepe F. A., Phillips D., Piotto G., Poretti E., Sasselov D., **Sozzetti A.**, Udry S., (2019): "Using HARPS-N to characterize the long-period planets in the PH-2 and Kepler-103 systems", Monthly Notices of the Royal Astronomical Society, 490, 5103. https://ui.adsabs.harvard.edu/abs/2019MNRAS.490.5103D

152. Borsa F., Rainer M., Bonomo A. S., Barbato D., Fossati L., Malavolta L., Nascimbeni V., Lanza A. F., Esposito M., Affer L., Andreuzzi G., Benatti S., Biazzo K., Bignamini A., Brogi M., Carleo I., Claudi R., Cosentino R., Covino E., Damasso M., Desidera S., Garrido Rubio A., Giacobbe P., Gonz´alez-Alvarez E.,´ Harutyunyan A., Knapic C., Leto G., Ligi R., Maggio A., Maldonado J., Mancini L., Fiorenzano A. F. M., Masiero S., Micela G., Molinari E., Pagano I., Pedani M., Piotto G., Pino L., Poretti E., Scandariato G., Smareglia R., **Sozzetti A.**, (2019): "The GAPS Programme with HARPS-N at TNG. XIX. Atmospheric Rossiter-McLaughlin effect and improved parameters of KELT-9b", Astronomy and Astrophysics, 631, A34. https://ui.adsabs.harvard.edu/abs/2019A&A...631A..34B

153. Damasso M., Pinamonti M., Scandariato G., **Sozzetti A.**, (2019): "Biases in retrieving planetary signals in the presence of quasi-periodic stellar activity", Monthly Notices of the Royal Astronomical Society, 489, 2555. https://ui.adsabs.harvard.edu/abs/2019MNRAS.489.2555D

154. Mayo A. W., Rajpaul V. M., Buchhave L. A., Dressing C. D., Mortier A., Zeng L., Fortenbach C. D., Aigrain

S., Bonomo A. S., Collier Cameron A., Charbonneau D., Coffinet A., Cosentino R., Damasso M., Dumusque X., Martinez Fiorenzano A. F., Haywood R. D., Latham D. W., L´opez-Morales M., Malavolta L., Micela G., Molinari E., Pearce L., Pepe F., Phillips D., Piotto G., Poretti E., Rice K., **Sozzetti A.**, Udry S., (2019): "An 11 Earth-mass, Long-period Sub-Neptune Orbiting a Sun-like Star", The Astronomical Journal, 158, 165. https://ui.adsabs.harvard.edu/abs/2019AJ....158..165M

155. Stassun K. G., Oelkers R. J., Paegert M., Torres G., Pepper J., De Lee N., Collins K., Latham D. W., Muirhead P. S., Chittidi J., Rojas-Ayala B., Fleming S. W., Rose M. E., Tenenbaum P., Ting E. B., Kane S. R., Barclay T., Bean J. L., Brassuer C. E., Charbonneau D., Ge J., Lissauer J. J., Mann A. W., McLean B., Mullally S., Narita N., Plavchan P., Ricker G. R., Sasselov D., Seager S., Sharma S., Shiao B., **Sozzetti A.**, Stello D., Vanderspek R., Wallace G., Winn J. N., (2019): "The Revised TESS Input Catalog and Candidate Target List", The Astronomical Journal, 158, 138. https://ui.adsabs.harvard.edu/abs/2019AJ....158..138S

156. Collier Cameron A., Mortier A., Phillips D., Dumusque X., Haywood R. D., Langellier N., Watson C. A., Cegla H. M., Costes J., Charbonneau D., Coffinet A., Latham D. W., Lopez-Morales M., Malavolta L., Maldonado J., Micela G., Milbourne T., Molinari E., Saar S. H., Thompson S., Buchschacher N., Cecconi M., Cosentino R., Ghedina A., Glenday A., Gonzalez M., Li C.-H., Lodi M., Lovis C., Pepe F., Poretti E., Rice K., Sasselov D., **Sozzetti A.**, Szentgyorgyi A., Udry S., Walsworth R., (2019): "Three years of Sun-as-a-star radial-velocity observations on the approach to solar minimum", Monthly Notices of the Royal Astronomical Society, 487, 1082. https://ui.adsabs.harvard.edu/abs/2019MNRAS.487.1082C

157. Maldonado J., Phillips D. F., Dumusque X., Collier Cameron A., Haywood R. D., Lanza A. F., Micela G., Mortier A., Saar S. H., **Sozzetti A.**, Rice K., Milbourne T., Cecconi M., Cegla H. M., Cosentino R., Costes J., Ghedina A., Gonzalez M., Guerra J., Hern´andez N., Li C.-H., Lodi M., Malavolta L., Molinari E., Pepe F., Piotto G., Poretti E., Sasselov D., San Juan J., Thompson S., Udry S., Watson C., (2019): "Temporal evolution and correlations of optical activity indicators measured in Sun-as-a-star observations", Astronomy and Astrophysics, 627, A118. https://ui.adsabs.harvard.edu/abs/2019A&A...627A.118M

158. Pinamonti M., **Sozzetti A.**, Giacobbe P., Damasso M., Scandariato G., Perger M., Gonz´alez Hern´andez J. I., Lanza A. F., Maldonado J., Micela G., Su´arez Mascaren˜o A., Toledo-Padr´on B., Affer L., Benatti S., Bignamini A., Bonomo A. S., Claudi R., Cosentino R., Desidera S., Maggio A., Martinez Fiorenzano A., Pagano I., Piotto G., Rainer M., Rebolo R., Ribas I., (2019): "The HADES RV programme with HARPS-N at TNG. XI. GJ 685 b: a warm super-Earth around an active M dwarf", Astronomy and Astrophysics, 625, A126. https://ui.adsabs.harvard.edu/abs/2019A&A...625A.126P

159. Guilluy G., **Sozzetti A.**, Brogi M., Bonomo A. S., Giacobbe P., Claudi R., Benatti S., (2019): "Exoplanet atmospheres with GIANO. II. Detection of molecular absorption in the dayside spectrum of HD 102195b", Astronomy and Astrophysics, 625, A107. https://ui.adsabs.harvard.edu/abs/2019A&A...625A.107G

160. Rice K., Malavolta L., Mayo A., Mortier A., Buchhave L. A., Affer L., Vanderburg A., Lopez-Morales M., Poretti E., Zeng L., Collier Cameron A., Damasso M., Coffinet A., Latham D. W., Bonomo A. S., Bouchy F., Charbonneau D., Dumusque X., Figueira P., Martinez Fiorenzano A. F., Haywood R. D., Johnson J. A., Lopez E., Lovis C., Mayor M., Micela G., Molinari E., Nascimbeni V., Nava C., Pepe F., Phillips D. F., Piotto G., Sasselov D., S´egransan D., **Sozzetti A.**, Udry S., Watson C., (2019): "Masses and radii for the three super-Earths orbiting GJ 9827, and implications for the composition of small exoplanets", Monthly Notices of the Royal Astronomical Society, 484, 3731. https://ui.adsabs.harvard.edu/abs/2019MNRAS.484.3731R

161. Borsato L., Malavolta L., Piotto G., Buchhave L. A., Mortier A., Rice K., Collier Cameron A., Coffinet A., **Sozzetti A.**, Charbonneau D., Cosentino R., Dumusque X., Figueira P., Latham D. W., Lopez-Morales M., Mayor M., Micela G., Molinari E., Pepe F., Phillips D., Poretti E., Udry S., Watson C., (2019): "HARPS-N radial velocities confirm the low densities of the Kepler-9 planets", Monthly Notices of the Royal Astronomical Society, 484, 3233. https://ui.adsabs.harvard.edu/abs/2019MNRAS.484.3233B

162. Perger M., Scandariato G., Ribas I., Morales J. C., Affer L., Azzaro M., Amado P. J., Anglada-Escud´e G., Baroch D., Barrado D., Bauer F. F., B´ejar V. J. S., Caballero J. A., Cort´es-Contreras M., Damasso M., Dreizler S., Gonz´alez-Cuesta L., Gonz´alez Hern´andez J. I., Guenther E. W., Henning T., Herrero E., Jeffers S. V., Kaminski A., Ku¨rster M., Lafarga M., Leto G., L´opez-Gonz´alez M. J., Maldonado J., Micela G., Montes D., Pinamonti M., Quirrenbach A., Rebolo R., Reiners A., Rodr´ıguez E., Rodr´ıguez-L´opez C., Schmitt J. H. M. M., **Sozzetti A.**, Su´arez Mascaren˜o A., Toledo-Padr´on B., Zanmar S´anchez R., Zapatero Osorio M. R., Zechmeister M., (2019): "Gliese 49: activity evolution and detection of a super-Earth. A HADES and CARMENES collaboration", Astronomy and Astrophysics, 624, A123. https://ui.adsabs.harvard.edu/abs/2019A&A...624A.123P

163. Damasso M., Zeng L., Malavolta L., Mayo A., **Sozzetti A.**, Mortier A., Buchhave L. A., Vanderburg A., Lopez-Morales M., Bonomo A. S., Cameron A. C., Coffinet A., Figueira P., Latham D. W., Mayor M., Molinari E., Pepe F., Phillips D. F., Poretti E., Rice K., Udry S., Watson C. A., (2019): "So close, so different: characterization of the K2-36 planetary system with HARPS-N", Astronomy and Astrophysics, 624, A38. https://ui.adsabs.harvard.edu/abs/2019A&A...624A..38D

164. Gonz´alez-Alvarez E., Micela G., Maldonado J., Affer L., Maggio A., Lanza A. F., Covino E., Benatti S.,´ Bignamini A., Cosentino R., Damasso M., Desidera S., Gonz´alez Hern´andez J. I., Mart´ınez-Fiorenzano A., Pagano I., Perger M., Piotto G., Pinamonti M., Rainer M., Rebolo R., Ribas I., Scandariato G., **Sozzetti A.**, Su´arez Mascaren˜o A., Toledo-Padr´on B., (2019): "HADES RV Programme with HARPS-N at TNG. X. The non-saturated regime of the stellar activity-rotation relationship for M dwarfs", Astronomy and Astrophysics, 624, A27. https://ui.adsabs.harvard.edu/abs/2019A&A...624A..27G

165. Milbourne T. W., Haywood R. D., Phillips D. F., Saar S. H., Cegla H. M., Cameron A. C., Costes J., Dumusque X., Langellier N., Latham D. W., Maldonado J., Malavolta L., Mortier A., Palumbo M. L., Thompson S., Watson C. A., Bouchy F., Buchschacher N., Cecconi M., Charbonneau D., Cosentino R., Ghedina A., Glenday A. G., Gonzalez M., Li C.-H., Lodi M., L´opez-Morales M., Lovis C., Mayor M., Micela G., Molinari E., Pepe F., Piotto G., Rice K., Sasselov D., S´egransan D., **Sozzetti A.**, Szentgyorgyi A., Udry S., Walsworth R. L., (2019): "HARPS-N Solar RVs Are Dominated by Large, Bright Magnetic Regions", The Astrophysical Journal, 874, 107. https://ui.adsabs.harvard.edu/abs/2019ApJ...874..107M

166. Kosiarek M. R., Blunt S., L´opez-Morales M., Crossfield I. J. M., Sinukoff E., Petigura E. A., Gonzales E. J., Poretti E., Malavolta L., Howard A. W., Isaacson H., Haywood R. D., Ciardi D. R., Bristow M., Collier Cameron A., Charbonneau D., Dressing C. D., Figueira P., Fulton B. J., Hardee B. J., Hirsch L. A., Latham D. W., Mortier A., Nava C., Schlieder J. E., Vanderburg A., Weiss L., Bonomo A. S., Bouchy F., Buchhave L. A., Coffinet A., Damasso M., Dumusque X., Lovis C., Mayor M., Micela G., Molinari E., Pepe F., Phillips D., Piotto G., Rice K., Sasselov D., S´egransan D., **Sozzetti A.**, Udry S., Watson C., (2019): "K2-291b: A Rocky Super-Earth in a 2.2 day Orbit", The Astronomical Journal, 157, 116. https://ui.adsabs.harvard.edu/abs/2019AJ....157..116K

167. Gaia Collaboration, Eyer L., Rimoldini L., Audard M., Anderson R. I., Nienartowicz K., Glass F., Marchal O., Grenon M., Mowlavi N., Holl B., Clementini G., Aerts C., Mazeh T., Evans D. W., Szabados L., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Babusiaux C., Bailer-Jones C. A. L., Biermann M., Jansen F., Jordi C., Klioner S. A., Lammers U., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Siddiqui H. I., Soubiran C., van Leeuwen F., Walton N. A., Arenou F., Bastian U., Cropper M., Drimmel R., Katz D., Lattanzi M. G., Bakker J., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., De Angeli F., Fabricius C., Guerra R., Masana E., Messineo R., Panuzzo P., Portell J., Riello M., Seabroke G. M., Tanga P., Th´evenin F., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Teyssier D., Altmann M., Andrae R., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P., Busso G., Carry B., Cellino A., Clotet M., Creevey O., Davidson M., De Ridder J., Delchambre L., Dell'Oro A., Ducourant C., Fern´andez-Hern´andez J., Fouesneau M., Fr´emat Y., Galluccio L., Garc´ıa-Torres M., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Gosset E., Guy L. P., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Hutton A., Jasniewicz G., Jean-Antoine-Piccolo A., Jordan S., Korn A. J., Krone-Martins A., Lanzafame A. C., Lebzelter T., L¨offler W., Manteiga M., Marrese P. M., Mart´ın-Fleitas J. M., Moitinho A., Mora A., Muinonen K., Osinde J., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Richards P. J., Robin A. C., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Su¨veges M., Torra J., van Reeven W., Abbas U., Abreu Aramburu A., Accart S.,

Altavilla G., Alvarez M. A., Alvarez R., Alves J.,´ Andrei A. H., Anglada Varela E., Antiche E., Antoja T., Arcay B., Astraatmadja T. L., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Balm P., Barache C., Barata C., Barbato D., Barblan F., Barklem P. S., Barrado D., Barros M., Barstow M. A., Bartholom´e Mun˜oz S., Bassilana J.-L., Becciani U., Bellazzini M., Berihuete A., Bertone S., Bianchi L., Bienaym´e O., Blanco-Cuaresma S., Boch T., Boeche C., Bombrun A., Borrachero R., Bossini D., Bouquillon S., Bourda G., Bragaglia A., Bramante L., Breddels M. A., Bressan A., Brouillet N., Bru¨semeister T., Brugaletta E., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cannizzaro G., Cantat-Gaudin T., Carballo R., Carlucci T., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Charlot P., Chemin L., Chiavassa A., Cocozza G., Costigan G., Cowell S., Crifo F., Crosta M., Crowley C., Cuypers J., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., de Laverny P., De Luise F., De March R., de Martino D., de Souza R., de Torres A., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., Diakite S., Diener C., Distefano E., Dolding C., Drazinos P., Dur´an J., Edvardsson B., Enke H., Eriksson K., Esquej P., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc˜ao A. J., Farr`as Casas M., Federici L., Fedorets G., Fernique P., Figueras F., Filippi F., Findeisen K., Fonti A., Fraile E., Fraser M., Fr´ezouls B., Gai M., Galleti S., Garabato D., Garc´ıa-Sedano F., Garofalo A., Garralda N., Gavel A., Gavras P., Gerssen J., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Gomes M., Granvik M., Gueguen A., Guerrier A., Guiraud J., Guti´errez-S´anchez R., Haigron R., Hatzidimitriou D., Hauser M., Haywood M., Heiter U., Helmi A., Heu J., Hilger T., Hobbs D., Hofmann W., Holland G., Huckle H. E., Hypki A., Icardi V., Janßen K., Jevardat de Fombelle G., Jonker P. G., Juh´asz A. L., Julbe F., Karampelas A., Kewley A., Klar J., Kochoska A., Kohley R., Kolenberg K., Kontizas M.,´ Kontizas E., Koposov S. E., Kordopatis G., Kostrzewa-Rutkowska Z., Koubsky P., Lambert S., Lanza A. F., Lasne Y., Lavigne J.-B., Le Fustec Y., Le Poncin-Lafitte C., Lebreton Y., Leccia S., Leclerc N., Lecoeur-Taibi I., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L´opez M., Lorenz D., Managau S., Mann R. G., Mantelet G., Marchant J. M., Marconi M., Marinoni S., Marschalk´o G., Marshall D. J., Martino M., Marton G., Mary N., Massari D., Matijevi˘c G., McMillan P. J., Messina S., Michalik D., Millar N. R., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morgenthaler S., Morris D., Mulone A. F., Muraveva T., Musella I., Nelemans G., Nicastro L., Noval L., O'Mullane W., Ord´enovic C., Ord´on˜ez-Blanco D., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Panahi A., Pawlak M., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rambaux N., Ramos-Lerate M., Regibo S., Reyl´e
C., Riclet F., Ripepi V., Riva A., Rivard A., Rixon G., Roegiers T., Roelens M., Romero-G´omez M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sanna N., Santana-Ros T., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Shih I.-C., Siltala L., Silva A. F., Smart R. L., Smith K. W., Solano E., Solitro F., Sordo R., Soria Nieto
S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Surdej J., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Teyssandier P., Thuillot W., Titarenko A., Torra Clotet F., Turon C., Ulla A., Utrilla E., Uzzi S., Vaillant M., Valentini G., Valette V., van Elteren A., Van Hemelryck E., van Leeuwen M., Vaschetto M., Vecchiato A., Veljanoski J., Viala Y., Vicente D., Vogt S., von Essen C., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Wertz O., Wevers T., Wyrzykowski L ., Yoldas A., Zerjal M., Ziaeepour H., Zorec J., Zschocke˘ S., Zucker S., Zurbach C., Zwitter T., (2019): "Gaia Data Release 2. Variable stars in the colour-absolute magnitude diagram", Astronomy and Astrophysics, 623, A110. https://ui.adsabs.harvard.edu/abs/2019A&A...623A.110G

168. Bonomo A. S., Zeng L., Damasso M., Leinhardt Z. M., Justesen A. B., Lopez E., Lund M. N., Malavolta L., Silva Aguirre V., Buchhave L. A., Corsaro E., Denman T., Lopez-Morales M., Mills S. M., Mortier A., Rice K., **Sozzetti A.**, Vanderburg A., Affer L., Arentoft T., Benbakoura M., Bouchy F., Christensen-Dalsgaard J., Collier Cameron A., Cosentino R., Dressing C. D., Dumusque X., Figueira P., Fiorenzano A. F. M., Garc´ıa R. A., Handberg R., Harutyunyan A., Johnson J. A., Kjeldsen H., Latham D. W., Lovis C., Lundkvist M. S., Mathur S., Mayor M., Micela G., Molinari E., Motalebi F., Nascimbeni V., Nava C., Pepe F., Phillips D. F., Piotto G., Poretti E., Sasselov D., S´egransan D., Udry S., Watson C., (2019): "A giant impact as the likely origin of different twins in the Kepler-107 exoplanet system", Nature Astronomy, 3, 416. https://ui.adsabs.harvard.edu/abs/2019NatAs...3..416B

169. Vanderspek R., Huang C. X., Vanderburg A., Ricker G. R., Latham D. W., Seager S., Winn J. N., Jenkins J.
M., Burt J., Dittmann J., Newton E., Quinn S. N., Shporer A., Charbonneau D., Irwin J., Ment K., Winters J. G., Collins K. A., Evans P., Gan T., Hart R., Jensen E. L. N., Kielkopf J., Mao S., Waalkes W., Bouchy F., Marmier M., Nielsen L. D., Ottoni G., Pepe F., S´egransan D., Udry S., Henry T., Paredes L. A., James H.-S., Hinojosa R. H., Silverstein M. L., Palle E., Berta-Thompson Z., Crossfield I., Davies M. D., Dragomir D., Fausnaugh M., Glidden A., Pepper J., Morgan

E. H., Rose M., Twicken J. D., Villasen˜or J. N. S., Yu L., Bakos G., Bean J., Buchhave L. A., Christensen-Dalsgaard J., Christiansen J. L., Ciardi D. R., Clampin M., De Lee N., Deming D., Doty J., Jernigan J. G., Kaltenegger L., Lissauer J. J., McCullough P. R., Narita N., Paegert M., Pal A., Rinehart S., Sasselov D., Sato B., **Sozzetti A.**, Stassun K. G., Torres G., (2019): "TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844", The Astrophysical Journal, 871, L24. https://ui.adsabs.harvard.edu/abs/2019ApJ...871L..24V

170. Affer L., Damasso M., Micela G., Poretti E., Scandariato G., Maldonado J., Lanza A. F., Covino E., Garrido Rubio A., Gonz´alez Hern´andez J. I., Gratton R., Leto G., Maggio A., Perger M., **Sozzetti A.**, Su´arez Mascaren˜o A., Bonomo A. S., Borsa F., Claudi R., Cosentino R., Desidera S., Giacobbe P., Molinari E., Pedani M., Pinamonti M., Rebolo R., Ribas I., Toledo-Padr´on B., (2019): "HADES RV program with HARPS-N at the TNG. IX. A super-Earth around the M dwarf Gl 686", Astronomy and Astrophysics, 622, A193. https://ui.adsabs.harvard.edu/abs/2019A&A...622A.193A

171. Barbato D., **Sozzetti A.**, Biazzo K., Malavolta L., Santos N. C., Damasso M., Lanza A. F., Pinamonti M., Affer L., Benatti S., Bignamini A., Bonomo A. S., Borsa F., Carleo I., Claudi R., Cosentino R., Covino E., Desidera S., Esposito M., Giacobbe P., Gonz´alez-Alvarez E., Gratton R., Harutyunyan A., Leto G., Maggio´ A., Maldonado J., Mancini L., Masiero S., Micela G., Molinari E., Nascimbeni V., Pagano I., Piotto G., Poretti E., Rainer M., Scandariato G., Smareglia R., Colombo L. S., Di Fabrizio L., Faria J. P., Martinez Fiorenzano A., Molinaro M., Pedani M., (2019): "The GAPS Programme with HARPS-N at TNG. XVIII. Two new giant planets around the metal-poor stars HD 220197 and HD 233832", Astronomy and Astrophysics, 621, A110. https://ui.adsabs.harvard.edu/abs/2019A&A...621A.110B

172. Smart R. L., Bucciarelli B., Jones H. R. A., Marocco F., Andrei A. H., Goldman B., Mendez R. A., d'Avila V. A., Burningham B., Camargo J. I. B., Crosta M. T., Dapr`a M., Jenkins J. S., Lachaume R., Lattanzi M. G., Penna J. L., Pinfield D. J., da Silva Neto D. N., **Sozzetti A.**, Vecchiato A., (2018): "Parallaxes of Southern Extremely Cool objects III: 118 L and T dwarfs", Monthly Notices of the Royal Astronomical Society, 481, 3548. https://ui.adsabs.harvard.edu/abs/2018MNRAS.481.3548S

173. Mortier A., Bonomo A. S., Rajpaul V. M., Buchhave L. A., Vanderburg A., Zeng L., L´opez-Morales M., Malavolta L., Collier Cameron A., Dressing C. D., Figueira P., Nascimbeni V., Rice K., **Sozzetti A.**, Watson C., Affer L., Bouchy F., Charbonneau D., Harutyunyan A., Haywood R. D., Johnson J. A., Latham D. W., Lovis C., Martinez Fiorenzano A. F., Mayor M., Micela G., Molinari E., Motalebi F., Pepe F., Piotto G., Phillips D., Poretti E., Sasselov D., S´egransan D., Udry S., (2018): "K2-263 b: a 50 d period sub-Neptune with a mass measurement using HARPS-N", Monthly Notices of the Royal Astronomical Society, 481, 1839. https://ui.adsabs.harvard.edu/abs/2018MNRAS.481.1839M

174. Huang C. X., Burt J., Vanderburg A., Gu¨nther M. N., Shporer A., Dittmann J. A., Winn J. N., Wittenmyer R., Sha L., Kane S. R., Ricker G. R., Vanderspek R. K., Latham D. W., Seager S., Jenkins J. M., Caldwell D. A., Collins K. A., Guerrero N., Smith J. C., Quinn S. N., Udry S., Pepe F., Bouchy F., S´egransan D., Lovis C., Ehrenreich D., Marmier M., Mayor M., Wohler B., Haworth K., Morgan E. H., Fausnaugh M., Ciardi D. R., Christiansen J., Charbonneau D., Dragomir D., Deming D., Glidden A., Levine A. M., McCullough P. R., Yu L., Narita N., Nguyen T., Morton T., Pepper J., P´al A., Rodriguez J. E., Stassun K. G., Torres G., **Sozzetti A.**, Doty J. P., Christensen-Dalsgaard J., Laughlin G., Clampin M., Bean J. L., Buchhave L. A., Bakos G. A., Sato B., Ida S., Kaltenegger L., Palle E., Sasselov D., Butler R. P., Lissauer J., Ge J., Rinehart´ S. A., (2018): "TESS Discovery of a Transiting Super-Earth in the pi Mensae System", The Astrophysical Journal, 868, L39. https://ui.adsabs.harvard.edu/abs/2018ApJ...868L..39H

175. Kempton E. M.-R., Bean J. L., Louie D. R., Deming D., Koll D. D. B., Mansfield M., Christiansen J. L., L´opez-Morales M., Swain M. R., Zellem R. T., Ballard S., Barclay T., Barstow J. K., Batalha N. E., Beatty T. G., Berta-Thompson Z., Birkby J., Buchhave L. A., Charbonneau D., Cowan N. B., Crossfield I., de ValBorro M., Doyon R., Dragomir D., Gaidos E., Heng K., Hu R., Kane S. R., Kreidberg L., Mallonn M., Morley C. V., Narita N., Nascimbeni V., Pall´e E., Quintana E. V., Rauscher E., Seager S., Shkolnik E. L., Sing D. K., **Sozzetti A.**, Stassun K. G., Valenti J. A., von Essen C., (2018): "A Framework for Prioritizing the TESS Planetary Candidates Most Amenable to Atmospheric

Characterization", Publications of the Astronomical Society of the Pacific, 130, 114401. https://ui.adsabs.harvard.edu/abs/2018PASP..130k4401K

176. Tinetti G., Drossart P., Eccleston P., Hartogh P., Heske A., Leconte J., Micela G., Ollivier M., Pilbratt G., Puig L., Turrini D., Vandenbussche B., Wolkenberg P., Beaulieu J.-P., Buchave L. A., Ferus M., Griffin M., Guedel M., Justtanont K., Lagage P.-O., Machado P., Malaguti G., Min M., Nørgaard-Nielsen H. U., Rataj M., Ray T., Ribas I., Swain M., Szabo R., Werner S., Barstow J., Burleigh M., Cho J., Coud´e du Foresto V., Coustenis A., Decin L., Encrenaz T., Galand M., Gillon M., Helled R., Morales J. C., Garc´ıa Mun˜oz A., Moneti A., Pagano I., Pascale E., Piccioni G., Pinfield D., Sarkar S., Selsis F., Tennyson J., Triaud A., Venot O., Waldmann I., Waltham D., Wright G., Amiaux J., Augu`eres J.-L., Berth´e M., Bezawada N., Bishop G., Bowles N., Coffey D., Colom´e J., Crook M., Crouzet P.-E., Da Peppo V., Sanz I. E., Focardi M., Frericks M., Hunt T., Kohley R., Middleton K., Morgante G., Ottensamer R., Pace E., Pearson C., Stamper R., Symonds K., Rengel M., Renotte E., Ade P., Affer L., Alard C., Allard N., Altieri F., Andr´e Y., Arena C., Argyriou I., Aylward A., Baccani C., Bakos G., Banaszkiewicz M., Barlow M., Batista V., Bellucci G., Benatti S., Bernardi P., B´ezard B., Blecka M., Bolmont E., Bonfond B., Bonito R., Bonomo A. S., Brucato J. R., Brun A. S., Bryson I., Bujwan W., Casewell S., Charnay B., Pestellini C. C., Chen G., Ciaravella A., Claudi R., Cl´edassou R., Damasso M., Damiano M., Danielski C., Deroo P., Di Giorgio A. M., Dominik C., Doublier V., Doyle S., Doyon R., Drummond B., Duong B., Eales S., Edwards B., Farina M., Flaccomio E., Fletcher L., Forget F., Fossey S., Fr¨anz M., Fujii Y., Garc´ıa-Piquer A., Gear W., Geoffray H., G´erard J. C., Gesa´ L., Gomez H., Graczyk R., Griffith C., Grodent D., Guarcello M. G., Gustin J., Hamano K., Hargrave P., Hello Y., Heng K., Herrero E., Hornstrup A., Hubert B., Ida S., Ikoma M., Iro N., Irwin P., Jarchow C., Jaubert J., Jones H., Julien Q., Kameda S., Kerschbaum F., Kervella P., Koskinen T., Krijger M., Krupp N., Lafarga M., Landini F., Lellouch E., Leto G., Luntzer A., Rank-Lu¨ftinger T., Maggio A., Maldonado J., Maillard J.-P., Mall U., Marquette J.-B., Mathis S., Maxted P., Matsuo T., Medvedev A., Miguel Y., Minier V., Morello G., Mura A., Narita N., Nascimbeni V., Nguyen Tong N., Noce V., Oliva F., Palle E., Palmer P., Pancrazzi M., Papageorgiou A., Parmentier V., Perger M., Petralia A., Pezzuto S., Pierrehumbert R., Pillitteri I., Piotto G., Pisano G., Prisinzano L., Radioti A., R´eess J.-M., Rezac L., Rocchetto M., Rosich A., Sanna N., Santerne A., Savini G., Scandariato G., Sicardy B., Sierra C., Sindoni G., Skup K., Snellen I., Sobiecki M., Soret L., **Sozzetti A.**, Stiepen A., Strugarek A., Taylor J., Taylor W., Terenzi L., Tessenyi M., Tsiaras A., Tucker C., Valencia D., Vasisht G., Vazan A., Vilardell F., Vinatier S., Viti S., Waters R., Wawer P., Wawrzaszek A., Whitworth A., Yung Y. L., Yurchenko S. N., Zapatero Osorio M. R., Zellem R., Zingales
T., Zwart F., (2018): "A chemical survey of exoplanets with ARIEL", Experimental Astronomy, 46, 135. https://ui.adsabs.harvard.edu/abs/2018ExA....46..135T

177. Pinamonti M., Damasso M., Marzari F., **Sozzetti A.**, Desidera S., Maldonado J., Scandariato G., Affer L., Lanza A. F., Bignamini A., Bonomo A. S., Borsa F., Claudi R., Cosentino R., Giacobbe P., Gonz´alez-Alvarez´ E., Gonz´alez Hern´andez J. I., Gratton R., Leto G., Malavolta L., Martinez Fiorenzano A., Micela G., Molinari E., Pagano I., Pedani M., Perger M., Piotto G., Rebolo R., Ribas I., Su´arez Mascaren˜o A., Toledo-Padr´on B., (2018): "The HADES RV Programme with HARPS-N at TNG. VIII. GJ15A: a multiple wide planetary system sculpted by binary interaction", Astronomy and Astrophysics, 617, A104. https://ui.adsabs.harvard.edu/abs/2018A&A...617A.104P

178. Lanza A. F., Malavolta L., Benatti S., Desidera S., Bignamini A., Bonomo A. S., Esposito M., Figueira P.,
Gratton R., Scandariato G., Damasso M., **Sozzetti A.**, Biazzo K., Claudi R. U., Cosentino R., Covino E., Maggio A., Masiero S., Micela G., Molinari E., Pagano I., Piotto G., Poretti E., Smareglia R., Affer L., Boccato C., Borsa F., Boschin W., Giacobbe P., Knapic C., Leto G., Maldonado J., Mancini L., Martinez Fiorenzano A., Messina S., Nascimbeni V., Pedani M., Rainer M., (2018): "The GAPS Programme with HARPS-N at TNG. XVII. Line profile indicators and kernel regression as diagnostics of radial-velocity variations due to stellar activity in solar-like stars", Astronomy and Astrophysics, 616, A155. https://ui.adsabs.harvard.edu/abs/2018A&A...616A.155L

179. Gaia Collaboration, Mignard F., Klioner S. A., Lindegren L., Hern´andez J., Bastian U., Bombrun A., Hobbs D., Lammers U., Michalik D., Ramos-Lerate M., Biermann M., Fern´andez-Hern´andez J., Geyer R., Hilger T., Siddiqui H. I., Steidelmu¨ller H., Babusiaux C., Barache C., Lambert S., Andrei A. H., Bourda G., Charlot P., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Bailer-Jones C. A. L., Evans D. W., Eyer L., Jansen F., Jordi C., Luri X., Panem C., Pourbaix D., Randich S., Sartoretti P., Soubiran C., van Leeuwen F., Walton N. A., Arenou F., Cropper M., Drimmel R., Katz D., Lattanzi M. G., Bakker J., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., De Angeli F., Fabricius C., Guerra R., Holl B., Masana E., Messineo R., Mowlavi N., Nienartowicz K., Panuzzo P., Portell J., Riello M.,

Seabroke G. M., Tanga P., Th´evenin F., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Teyssier D., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P., Busso G., Carry B., Cellino A., Clementini G., Clotet M., Creevey O., Davidson M., De Ridder J., Delchambre L., Dell'Oro A., Ducourant C., Fouesneau M., Fr´emat Y., Galluccio L., Garc´ıa-Torres M., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Gosset E., Guy L. P., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hestroffer D., Hodgkin S. T., Hutton A., Jasniewicz G., Jean-Antoine-Piccolo A., Jordan S., Korn A. J., Krone-Martins A., Lanzafame A. C., Lebzelter T., L¨offler W., Manteiga M., Marrese P. M., Mart´ın-Fleitas J. M., Moitinho A., Mora A., Muinonen K., Osinde J., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Richards P. J., Rimoldini L., Robin A. C., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Su¨veges M., Torra J., van Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Altavilla G., Alvarez M. A., Alvarez R., Alves J., Anderson R. I., Anglada Varela´ E., Antiche E., Antoja T., Arcay B., Astraatmadja T. L., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Balm P., Barata C., Barbato D., Barblan F., Barklem P. S., Barrado D., Barros M., Barstow M. A., Bartholom´e Mun˜oz L., Bassilana J.-L., Becciani U., Bellazzini M., Berihuete A., Bertone S., Bianchi L., Bienaym´e O., Blanco-Cuaresma S., Boch T., Boeche C., Borrachero R., Bossini D., Bouquillon S., Bragaglia A., Bramante L., Breddels M. A., Bressan A., Brouillet N., Bru¨semeister T., Brugaletta E., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cannizzaro G., Cantat-Gaudin T., Carballo R., Carlucci T., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Chemin L., Chiavassa A., Cocozza G., Costigan G., Cowell S., Crifo F., Crosta M., Crowley C., Cuypers J., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., de Laverny P., De Luise F., De March R., de Souza R., de Torres A., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., Diakite S., Diener C., Distefano E., Dolding C., Drazinos P., Dur´an J., Edvardsson B., Enke H., Eriksson K., Esquej P., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc˜ao A. J., Farr`as Casas M., Federici L., Fedorets G., Fernique P., Figueras F., Filippi F., Findeisen K., Fonti A., Fraile E., Fraser M., Fr´ezouls B., Gai M., Galleti S., Garabato D., Garc´ıa-Sedano F., Garofalo A., Garralda N., Gavel A., Gavras P., Gerssen J., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Glass F., Gomes M., Granvik M., Gueguen A., Guerrier A., Guiraud J., Guti´e R., Haigron R., Hatzidimitriou D., Hauser M., Haywood M., Heiter U., Helmi A., Heu J., Hofmann W., Holland G., Huckle H. E., Hypki A., Icardi V., Janßen K., Jevardat de Fombelle G., Jonker P. G., Juh´asz A. L., Julbe F., Karampelas A., Kewley A., Klar J., Kochoska A., Kohley R., Kolenberg K., Kontizas M., Kontizas E., Koposov S. E., Kordopatis G., Kostrzewa-Rutkowska Z., Koubsky P., Lanza A. F., Lasne Y., Lavigne J.-B., Le Fustec Y., Le Poncin-Lafitte C., Lebreton Y., Leccia S., Leclerc N., Lecoeur-Taibi I., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L´opez M., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marconi M., Marinoni S., Marschalk´o G., Marshall D. J., Martino M., Marton G., Mary N., Massari D., Matijevi˘c G., Mazeh T., McMillan P. J., Messina S., Millar N. R., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris D., Mulone A. F., Muraveva T., Musella I., Nelemans G., Nicastro L., Noval L., O'Mullane W., Ord´enovic C., Ord´on˜ez-Blanco D., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Panahi A., Pawlak M., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rambaux N., Regibo S., Reyl´e C., Riclet F., Ripepi V., Riva A., Rivard A., Rixon G., Roegiers T., Roelens M., Romero-G´omez M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sanna N., Santana-Ros T., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Shih I.-C., Siltala L., Silva A. F., Smart R. L., Smith K. W., Solano E., Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Stephenson C. A., Stoev H., Suess F. F., Surdej J., Szabados L., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Teyssandier P., Thuillot W., Titarenko A., Torra Clotet F., Turon C., Ulla A., Utrilla E., Uzzi S., Vaillant M., Valentini G., Valette V., van Elteren A., Van Hemelryck E., van Leeuwen M., Vaschetto M., Vecchiato A., Veljanoski J., Viala Y., Vicente D., Vogt S., von Essen C., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Wertz O., Wevers T., Wyrzykowski L ., Yoldas A., Zerjal M., Ziaeepour H., Zorec J., Zschocke S., Zucker S., Zurbach C., Zwitter T., (2018): "Gaia Data˘ Release 2. The celestial reference frame (Gaia-CRF2)", Astronomy and Astrophysics, 616, A14. https://ui.adsabs.harvard.edu/abs/2018A&A...616A..14G

180. Gaia Collaboration, Spoto F., Tanga P., Mignard F., Berthier J., Carry B., Cellino A., Dell'Oro A., Hestroffer D., Muinonen K., Pauwels T., Petit J.-M., David P., De Angeli F., Delbo M., Fr´ezouls B., Galluccio L., Granvik M., Guiraud J., Hern´andez J., Ord´enovic C., Portell J., Poujoulet E., Thuillot W., Walmsley G., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Babusiaux C., Bailer-Jones C. A. L., Biermann M., Evans D. W., Eyer L., Jansen F., Jordi C., Klioner S. A., Lammers U., Lindegren L., Luri X., Panem C., Pourbaix D., Randich S., Sartoretti P., Siddiqui H. I., Soubiran C., van Leeuwen F., Walton N. A., Arenou F., Bastian U., Cropper M., Drimmel R., Katz D., Lattanzi M. G., Bakker J., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., Fabricius C., Guerra R., Holl B., Masana E., Messineo R., Mowlavi N., Nienartowicz K., Panuzzo P., Riello M., Seabroke G. M., Th´evenin F., Gracia-Abril G., Comoretto G.,

Garcia-Reinaldos M., Teyssier D., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Blomme R., Burgess P., Busso G., Clementini G., Clotet M., Creevey O., Davidson M., De Ridder J., Delchambre L., Ducourant C., Fern´andez-Hern´andez J., Fouesneau M., Fr´emat Y., Garc´ıa-Torres M., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Gosset E., Guy L. P., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hodgkin S. T., Hutton A., Jasniewicz G., Jean-Antoine-Piccolo A., Jordan S., Korn A. J., Krone-Martins A., Lanzafame A. C., Lebzelter T., L¨o W., Manteiga M., Marrese P. M., Mart´ın-Fleitas J. M., Moitinho A., Mora A., Osinde J., Pancino E., Recio-Blanco A., Richards P. J., Rimoldini L., Robin A. C., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Su¨veges M., Torra J., van Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Altavilla G., Alvarez M. A., Alvarez R., Alves J., Anderson R. I., Andrei A. H., Anglada Varela E., Antiche´ E., Antoja T., Arcay B., Astraatmadja T. L., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Balm P., Barache C., Barata C., Barbato D., Barblan F., Barklem P. S., Barrado D., Barros M., Barstow M. A., Bartholom´e Mun˜oz L., Bassilana J.-L., Becciani U., Bellazzini M., Berihuete A., Bertone S., Bianchi L., Bienaym´e O., Blanco-Cuaresma S., Boch T., Boeche C., Bombrun A., Borrachero R., Bossini D., Bouquillon S., Bourda G., Bragaglia A., Bramante L., Breddels M. A., Bressan A., Brouillet N., Bru¨semeister T., Brugaletta E., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cannizzaro G., Cantat-Gaudin T., Carballo R., Carlucci T., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Charlot P., Chemin L., Chiavassa A., Cocozza G., Costigan G., Cowell S., Crifo F., Crosta M., Crowley C., Cuypers J., Dafonte C., Damerdji Y., Dapergolas A., David M., de Laverny P., De Luise F., De March R., de Souza R., de Torres A., Debosscher J., del Pozo E., Delgado A., Delgado H. E., Diakite S., Diener C., Distefano E., Dolding C., Drazinos P., Dur´an J., Edvardsson B., Enke H., Eriksson K., Esquej P., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc˜ao A. J., Farr`as Casas M., Federici L., Fedorets G., Fernique P., Figueras F., Filippi F., Findeisen K., Fonti A., Fraile E., Fraser M., Gai M., Galleti S., Garabato D., Garc´ıa-Sedano F., Garofalo A., Garralda N., Gavel A., Gavras P., Gerssen J., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Glass F., Gomes M., Gueguen A., Guerrier A., Guti´e R., Haigron R., Hatzidimitriou D., Hauser M., Haywood M., Heiter U., Helmi A., Heu J., Hilger T., Hobbs D., Hofmann W., Holland G., Huckle H. E., Hypki A., Icardi V., Janßen K., Jevardat de Fombelle G., Jonker P. G., Juh´asz A. L., Julbe F., Karampelas A., Kewley A., Klar J., Kochoska A., Kohley R., Kolenberg K., Kontizas M.,´ Kontizas E., Koposov S. E., Kordopatis G., Kostrzewa-Rutkowska Z., Koubsky P., Lambert S., Lanza A. F., Lasne Y., Lavigne J.-B., Le Fustec Y., Le Poncin-Lafitte C., Lebreton Y., Leccia S., Leclerc N., LecoeurTaibi I., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L´opez M., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marconi M., Marinoni S., Marschalk´o G., Marshall D. J., Martino M., Marton G., Mary N., Massari D., Matijevi˘c G., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris D., Mulone A. F., Muraveva T., Musella I., Nelemans G., Nicastro L., Noval L., O'Mullane W., Ord´on˜ez-Blanco D., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Panahi A., Pawlak M., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rambaux N., Ramos-Lerate M., Regibo S., Reyl´e C., Riclet F., Ripepi V.,
Riva A., Rivard A., Rixon G., Roegiers T., Roelens M., Romero-G´omez M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sanna N., Santana-Ros T., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Shih I.-C., Siltala L., Silva A. F., Smart R. L., Smith K. W., Solano E., Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Surdej J., Szabados L., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Teyssandier P., Titarenko A., Torra Clotet F., Turon C., Ulla A., Utrilla E., Uzzi S., Vaillant M., Valentini G., Valette V., van Elteren A., Van Hemelryck E., van Leeuwen M., Vaschetto M., Vecchiato A., Veljanoski J., Viala
Y., Vicente D., Vogt S., von Essen C., Voss H., Votruba V., Voutsinas S., Weiler M., Wertz O., Wevers T., Wyrzykowski L ., Yoldas A., Zerjal M., Ziaeepour H., Zorec J., Zschocke S., Zucker S., Zurbach C., Zwitter˘ T., (2018): "Gaia Data Release 2. Observations of solar system objects", Astronomy and Astrophysics, 616, A13. https://ui.adsabs.harvard.edu/abs/2018A&A...616A..13G

181. Gaia Collaboration, Helmi A., van Leeuwen F., McMillan P. J., Massari D., Antoja T., Robin A. C., Lindegren L., Bastian U., Arenou F., Babusiaux C., Biermann M., Breddels M. A., Hobbs D., Jordi C., Pancino E., Reyl´e C., Veljanoski J., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Bailer-Jones C. A. L., Evans D. W., Eyer L., Jansen F., Klioner S. A., Lammers U., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Siddiqui H. I., Soubiran C., Walton N. A., Cropper M., Drimmel R., Katz D., Lattanzi M. G., Bakker J., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., De Angeli F., Fabricius C., Guerra R., Holl B., Masana E., Messineo R., Mowlavi N., Nienartowicz K., Panuzzo P., Portell J., Riello M., Seabroke G. M., Tanga P., Th´evenin F., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Teyssier D., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Berthier J.,

Blomme R., Burgess P., Busso G., Carry B., Cellino A., Clementini G., Clotet M., Creevey O., Davidson M., De Ridder J., Delchambre L., Dell'Oro A., Ducourant C., Fern´andez-Hern´andez J., Fouesneau M., Fr´emat Y., Galluccio L., Garc´ıa-Torres M., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Gosset E., Guy L. P., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Hutton A., Jasniewicz G., Jean-Antoine-Piccolo A., Jordan S., Korn A. J., Krone-Martins A., Lanzafame A. C., Lebzelter T., L¨offler W., Manteiga M., Marrese P. M., Mart´ın-Fleitas J. M., Moitinho A., Mora A., Muinonen K., Osinde J., Pauwels T., Petit J.-M., Recio-Blanco A., Richards P. J., Rimoldini L., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Su¨veges M., Torra J., van

Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Altavilla G., Alvarez M. A., Alvarez R.,´ Alves J., Anderson R. I., Andrei A. H., Anglada Varela E., Antiche E., Arcay B., Astraatmadja T. L., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Balm P., Barache C., Barata C., Barbato D., Barblan F., Barklem P. S., Barrado D., Barros M., Barstow M. A., Bartholom´e Mun˜oz S., Bassilana J.-L., Becciani U., Bellazzini M., Berihuete A., Bertone S., Bianchi L., Bienaym´e O., Blanco-Cuaresma S., Boch T., Boeche C., Bombrun A., Borrachero R., Bossini D., Bouquillon S., Bourda G., Bragaglia A., Bramante L., Bressan A., Brouillet N., Bru¨semeister T., Brugaletta E., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cannizzaro G., Cantat-Gaudin T., Carballo R., Carlucci T., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Charlot P., Chemin L., Chiavassa A., Cocozza G., Costigan G., Cowell S., Crifo F., Crosta M., Crowley C., Cuypers J., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., de Laverny P., De Luise F., De March R., de Martino D., de Souza R., de Torres A., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Drazinos P., Dur´an J., Edvardsson B., Enke H., Eriksson K., Esquej P., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc˜ao A. J., Farr`as Casas M., Federici L., Fedorets G., Fernique P., Figueras F., Filippi F., Findeisen K., Fonti A., Fraile E., Fraser M., Fr´ezouls B., Gai M., Galleti S., Garabato D., Garc´ıa-Sedano F., Garofalo A., Garralda N., Gavel A., Gavras P., Gerssen J., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Glass F., Gomes M., Granvik M., Gueguen A., Guerrier A., Guiraud J., Guti´errez-S´anchez R., Hofmann W., Holland G., Huckle H. E., Hypki A., Icardi V., Janßen K., Jevardat de Fombelle G., Jonker P. G., Juh´asz A. L., Julbe F., Karampelas A., Kewley A., Klar J., Kochoska A., Kohley R., Kolenberg K.,´ Kontizas M., Kontizas E., Koposov S. E., Kordopatis G., Kostrzewa-Rutkowska Z., Koubsky P., Lambert S., Lanza A. F., Lasne Y., Lavigne J.-B., Le Fustec Y., Le Poncin-Lafitte C., Lebreton Y., Leccia S., Leclerc N., Lecoeur-Taibi I., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L´opez M., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marconi M., Marinoni S., Marschalk´o G., Marshall D. J., Martino M., Marton G., Mary N., Matijevi˘c G., Mazeh T., Messina S., Michalik D., Millar N. R., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris D., Mulone A. F., Muraveva T., Musella I., Nelemans G., Nicastro L., Noval L., O'Mullane W., Ord´enovic C., Ord´on˜ez-Blanco D., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Panahi A., Pawlak M., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poujoulet E., Pr˘sa

A., Pulone L., Racero E., Ragaini S., Rambaux N., Ramos-Lerate M., Regibo S., Riclet F., Ripepi V., Riva A., Rivard A., Rixon G., Roegiers T., Roelens M., Romero-G´omez M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sanna N., Santana-Ros T., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Shih I.-C., Siltala L., Silva A. F., Smart R. L., Smith K. W., Solano E., Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Surdej J., Szabados L., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Teyssandier P., Thuillot W., Titarenko A., Torra Clotet F., Turon C., Ulla A., Utrilla E., Uzzi S., Vaillant M., Valentini G., Valette V., van Elteren A., Van Hemelryck E., van Leeuwen M., Vaschetto M., Vecchiato A., Viala Y., Vicente D., Vogt S., von Essen C., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Wertz O., Wevems T., Wyrzykowski L ., Yoldas A., Zerjal M., Ziaeepour H., Zorec J., Zschocke S., Zucker S., Zurbach˘ C., Zwitter T., (2018): "Gaia Data Release 2. Kinematics of globular clusters and dwarf galaxies around the Milky Way", Astronomy and Astrophysics, 616, A12. https://ui.adsabs.harvard.edu/abs/2018A&A...616A..12G

182. Gaia Collaboration, Katz D., Antoja T., Romero-G´omez M., Drimmel R., Reyl´e C., Seabroke G. M., Soubiran C., Babusiaux C., Di Matteo P., Figueras F., Poggio E., Robin A. C., Evans D. W., Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Bailer-Jones C. A. L., Biermann M., Eyer L., Jansen F., Jordi C., Klioner S. A., Lammers U., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Siddiqui H. I., van Leeuwen F., Walton N. A., Arenou F., Bastian U., Cropper M., Lattanzi M. G., Bakker J., Cacciari C., Casta n J., Chaoul L., Cheek N., De Angeli F., Fabricius C., Guerra R., Holl B., Masana E., Messineo R., Mowlavi N., Nienartowicz K., Panuzzo P., Portell J., Riello M., Tanga P., Th´evenin F., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Teyssier D., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P., Busso G., Carry B., Cellino A., Clementini G., Clotet M., Creevey O., Davidson M., De Ridder J., Delchambre L., Dell'Oro A.,

Ducourant C., Fern´andez-Hern´andez J., Fouesneau M., Fr´emat Y., Galluccio L., Garc´ıa-Torres M., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Gosset E., Guy L. P., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Hutton A., Jasniewicz G., Jean-Antoine-Piccolo A., Jordan S., Korn A. J., Krone-Martins A., Lanzafame A. C., Lebzelter T., L¨offler W., Manteiga M., Marrese P. M., Mart´ın-Fleitas J. M., Moitinho A., Mora A., Muinonen K., Osinde J., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Richards P. J., Rimoldini L., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Su¨veges M., Torra J., van

Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Altavilla G., Alvarez M. A., Alvarez R.,´ Alves J., Anderson R. I., Andrei A. H., Anglada Varela E., Antiche E., Arcay B., Astraatmadja T. L., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Balm P., Barache C., Barata C., Barbato D., Barblan F., Barklem P. S., Barrado D., Barros M., Barstow M. A., Bartholom´e Mun˜oz L., Bassilana J.-L., Becciani U., Bellazzini M., Berihuete A., Bertone S., Bianchi L., Bienaym´e O., Blanco-Cuaresma S., Boch T., Boeche C., Bombrun A., Borrachero R., Bossini D., Bouquillon S., Bourda G., Bragaglia A., Bramante L., Breddels M. A., Bressan A., Brouillet N., Bru¨semeister T., Brugaletta E., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cannizzaro G., Cantat-Gaudin T., Carballo R., Carlucci T., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Charlot P., Chemin L., Chiavassa A., Cocozza G., Costigan G., Cowell S., Crifo F., Crosta M., Crowley C., Cuypers J., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., de Laverny P., De Luise F., De March R., de Souza R., de Torres A., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., Diakite S., Diener C., Distefano E., Dolding C., Drazinos P., Dur´an J., Edvardsson B., Enke H., Eriksson K., Esquej P., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc a A. J., Farr`as Casas M., Federici L., Fedorets G., Fernique P., Filippi F., Findeisen K., Fonti A., Fraile E., Fraser M., Fr´ezouls B., Gai M., Galleti S., Garabato D., Garc´ıa-Sedano F., Garofalo A., Garralda N., Gavel A., Gavras P., Gerssen J., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Glass F., Gomes M., Granvik M., Gueguen A., Guerrier A., Guiraud J., Guti´e R., Haigron R., Hatzidimitriou D., Hauser M., Haywood M., Heiter U., Helmi A., Heu J., Hilger T., Hobbs D., Hofmann W., Holland G., Huckle H. E., Hypki A., Icardi V., Janßen K., Jevardat de Fombelle G., Jonker P. G., Juh´asz A. L., Julbe F., Karampelas´ A., Kewley A., Klar J., Kochoska A., Kohley R., Kolenberg K., Kontizas M., Kontizas E., Koposov S. E., Kordopatis G., Kostrzewa-Rutkowska Z., Koubsky P., Lambert S., Lanza A. F., Lasne Y., Lavigne J.-B., Le Fustec Y., Le Poncin-Lafitte C., Lebreton Y., Leccia S., Leclerc N., Lecoeur-Taibi I., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L´opez M., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marconi M., Marinoni S., Marschalk´o G., Marshall D. J., Martino M., Marton G., Mary N., Massari D., Matijevi˘c G., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris D., Mulone A. F., Muraveva T., Musella I., Nelemans G., Nicastro L., Noval L., O'Mullane W., Ord´enovic

C., Ord´on˜ez-Blanco D., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Panahi A., Pawlak M., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rambaux N., Ramos-Lerate M., Regibo S., Riclet F., Ripepi V., Riva A., Rivard A., Rixon G., Roegiers T., Roelens M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sanna N., Santana-Ros T., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Shih I.-C., Siltala L., Silva A. F., Smart R. L., Smith K. W., Solano E.,

Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Surdej J., Szabados L., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Teyssandier P., Thuillot W., Titarenko A., Torra Clotet F., Turon C., Ulla A., Utrilla E., Uzzi S., Vaillant M., Valentini G., Valette V., van Elteren A., Van Hemelryck E., van Leeuwen M., Vaschetto M., Vecchiato A., Veljanoski J., Viala Y., Vicente D., Vogt S., von Essen C., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Wertz O., Wevers T., Wyrzykowski L ., Yoldas A., Zerjal M., Ziaeepour H., Zorec J., Zschocke S., Zucker S., Zurbach C., Zwitter T., (2018): "Gaia Data˘ Release 2. Mapping the Milky Way disc kinematics", Astronomy and Astrophysics, 616, A11. https://ui.adsabs.harvard.edu/abs/2018A&A...616A..11G

183. Gaia Collaboration, Babusiaux C., van Leeuwen F., Barstow M. A., Jordi C., Vallenari A., Bossini D., Bressan A., Cantat-Gaudin T., van Leeuwen M., Brown A. G. A., Prusti T., de Bruijne J. H. J., Bailer-Jones C. A. L., Biermann M., Evans D. W., Eyer L., Jansen F., Klioner S. A., Lammers U., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Siddiqui H. I., Soubiran C., Walton N. A., Arenou F., Bastian U., Cropper M., Drimmel R., Katz D., Lattanzi M. G., Bakker J., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., De Angeli F., Fabricius C., Guerra R., Holl B., Masana E., Messineo R., Mowlavi N., Nienartowicz K., Panuzzo P., Portell J., Riello M., Seabroke G. M., Tanga P., Th´evenin F., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Teyssier D., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P., Busso G., Carry B., Cellino A., Clementini G., Clotet M., Creevey O., Davidson M., De Ridder J., Delchambre L., Dell'Oro A., Ducourant C., Fern´andez-

Hern´andez J., Fouesneau M., Fr´emat Y., Galluccio L., Garc´ıa-Torres M., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Gosset E., Guy L. P., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Hutton A., Jasniewicz G., Jean-Antoine-Piccolo A., Jordan S., Korn A. J., Krone-Martins A., Lanzafame A. C., Lebzelter T., L¨offler W., Manteiga M., Marrese P. M., Mart´ın-Fleitas J. M., Moitinho A., Mora A., Muinonen K., Osinde J., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Richards P. J., Rimoldini L., Robin A. C., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Su¨veges M., Torra J., van Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Altavilla G., Alvarez M. A., Alvarez R., Alves J., Anderson´ R. I., Andrei A. H., Anglada Varela E., Antiche E., Antoja T., Arcay B., Astraatmadja T. L., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Balm P., Barache C., Barata C., Barbato D., Barblan F., Barklem P. S., Barrado D., Barros M., Bartholom´e Mun˜oz L., Bassilana J.-L., Becciani U., Bellazzini M., Berihuete A., Bertone S., Bianchi L., Bienaym´e O., Blanco-Cuaresma S., Boch T., Boeche C., Bombrun A., Borrachero R., Bouquillon S., Bourda G., Bragaglia A., Bramante L., Breddels M. A., Brouillet N., Bru¨semeister T., Brugaletta E., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cannizzaro G., Carballo R., Carlucci T., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Charlot P., Chemin L., Chiavassa A., Cocozza G., Costigan G., Cowell S., Crifo F., Crosta M., Crowley C., Cuypers J., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., de Laverny P., De Luise F., De March R., de Martino D., de Souza R., de Torres A., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., Diakite S., Diener C., Distefano E., Dolding C., Drazinos P., Dur´an J., Edvardsson B., Enke H., Eriksson K., Esquej P., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc˜ao A. J., Farr`as Casas M., Federici L., Fedorets G., Fernique P., Figueras F., Filippi F., Findeisen K., Fonti A., Fraile E., Fraser M., Fr´ezouls B., Gai M., Galleti S., Garabato D., Garc´ıa-Sedano F., Garofalo A., Garralda N., Gavel A., Gavras P., Gerssen J., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Glass F., Gomes M., Granvik M., Gueguen A., Guerrier A., Guiraud J., Guti´e R., Haigron R., Hatzidimitriou D., Hauser M., Haywood M., Heiter U., Helmi A., Heu J., Hilger T., Hobbs D., Hofmann W., Holland G., Huckle H. E., Hypki A., Icardi V., Janßen K., Jevardat de Fombelle G., Jonker P. G., Juh´asz A. L., Julbe F., Karampelas´ A., Kewley A., Klar J., Kochoska A., Kohley R., Kolenberg K., Kontizas M., Kontizas E., Koposov S. E., Kordopatis G., Kostrzewa-Rutkowska Z., Koubsky P., Lambert S., Lanza A. F., Lasne Y., Lavigne J.-B., Le Fustec Y., Le Poncin-Lafitte C., Lebreton Y., Leccia S., Leclerc N., Lecoeur-Taibi I., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L´opez M., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marconi M., Marinoni S., Marschalk´o G., Marshall D. J., Martino M., Marton G., Mary N., Massari D., Matijevi˘c G., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris
D., Mulone A. F., Muraveva T., Musella I., Nelemans G., Nicastro L., Noval L., O'Mullane W., Ord´enovic C., Ord´on˜ez-Blanco D., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Panahi A., Pawlak M., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rambaux N., Ramos-Lerate M., Regibo S., Reyl´e C., Riclet F., Ripepi V., Riva A., Rivard A., Rixon G., Roegiers T., Roelens M., Romero-G´omez M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sanna N., Santana-Ros T., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Shih I.-C., Siltala L., Silva A. F., Smart R. L., Smith K. W., Solano E., Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Surdej J., Szabados L., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Teyssandier P., Thuillot W., Titarenko A., Torra Clotet F., Turon C., Ulla A., Utrilla E., Uzzi S., Vaillant M., Valentini G., Valette V., van Elteren A., Van Hemelryck E., Vaschetto M., Vecchiato A., Veljanoski J., Viala Y., Vicente D., Vogt S., von Essen C., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Wertz O., Wevers T., Wyrzykowski L ., Yoldas A., Zerjal M., Ziaeepour H., Zorec J., Zschocke S., Zucker S., Zurbach C., Zwitter T.,˘ (2018): "Gaia Data Release 2. Observational Hertzsprung-Russell diagrams", Astronomy and Astrophysics, 616, A10. https://ui.adsabs.harvard.edu/abs/2018A&A...616A..10G

184. Gaia Collaboration, Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Babusiaux C., Bailer-Jones
C. A. L., Biermann M., Evans D. W., Eyer L., Jansen F., Jordi C., Klioner S. A., Lammers U., Lindegren L., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Siddiqui H. I., Soubiran C., van Leeuwen F., Walton N. A., Arenou F., Bastian U., Cropper M., Drimmel R., Katz D., Lattanzi M. G., Bakker J., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., De Angeli F., Fabricius C., Guerra R., Holl B., Masana
E., Messineo R., Mowlavi N., Nienartowicz K., Panuzzo P., Portell J., Riello M., Seabroke G. M., Tanga P., Th´evenin F., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Teyssier D., Altmann M., Andrae R., Audard M., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Burgess P., Busso G., Carry B., Cellino A., Clementini G., Clotet M., Creevey O., Davidson M., De Ridder J., Delchambre L., Dell'Oro A., Ducourant C., Fern´andez-Hern´andez J.,

Fouesneau M., Fr´emat Y., Galluccio L., Garc´ıa-Torres M., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Gosset E., Guy L. P., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hern´andez J., Hestroffer D., Hodgkin S. T., Hutton A., Jasniewicz G., Jean-Antoine-Piccolo A., Jordan S., Korn A. J., Krone-Martins A., Lanzafame A. C., Lebzelter T., L¨offler W., Manteiga M., Marrese P. M., Mart´ın-Fleitas J. M., Moitinho A., Mora A., Muinonen K., Osinde J., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Richards P. J., Rimoldini L., Robin A. C., Sarro L. M., Siopis C., Smith M., **Sozzetti A.**, Su¨veges M., Torra J., van Reeven W., Abbas U., Abreu Aramburu A., Accart S., Aerts C., Altavilla G., Alvarez M. A.,´ Alvarez R., Alves J., Anderson R. I., Andrei A. H., Anglada Varela E., Antiche E., Antoja T., Arcay B., Astraatmadja T. L., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Balm P., Barache C., Barata C., Barbato D., Barblan F., Barklem P. S., Barrado D., Barros M., Barstow M. A., Bartholom´e Mun˜oz S., Bassilana J.-L., Becciani U., Bellazzini M., Berihuete A., Bertone S., Bianchi L., Bienaym´e O., Blanco-Cuaresma S., Boch T., Boeche C., Bombrun A., Borrachero R., Bossini D., Bouquillon S., Bourda G., Bragaglia A., Bramante L., Breddels M. A., Bressan A., Brouillet N., Bru¨semeister T., Brugaletta E., Bucciarelli B., Burlacu A., Busonero D., Butkevich A. G., Buzzi R., Caffau E., Cancelliere R., Cannizzaro G., Cantat-Gaudin T., Carballo R., Carlucci T., Carrasco J. M., Casamiquela L., Castellani M., Castro-Ginard A., Charlot P., Chemin L., Chiavassa A., Cocozza G., Costigan G., Cowell S., Crifo F., Crosta M., Crowley C., Cuypers J., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., de Laverny P., De Luise F., De March R., de Martino D., de Souza R., de Torres A., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., Di Matteo P., Diakite S., Diener C., Distefano E., Dolding C., Drazinos P., Dur´an J., Edvardsson B., Enke H., Eriksson K., Esquej P., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc˜ao A. J., Farr`as Casas M., Federici L., Fedorets G., Fernique P., Figueras F., Filippi F., Findeisen K., Fonti A., Fraile E., Fraser M., Fr´ezouls B., Gai M., Galleti S., Garabato D., Garc´ıa-Sedano F., Garofalo A., Garralda N., Gavel A., Gavras P., Gerssen J., Geyer R., Giacobbe P., Gilmore G., Girona S., Giuffrida G., Glass F., Gomes M., Granvik M., Gueguen A., Guerrier A., Guiraud J., Guti´errez-S´anchez R., Haigron R., Hatzidimitriou D., Hauser M., Haywood M., Heiter U., Helmi A., Heu J., Hilger T., Hobbs D., Hofmann W., Holland G., Huckle H. E., Hypki A., Icardi V., Janßen K., Jevardat de Fombelle G., Jonker P. G., Juh´asz A. L., Julbe F., Karampelas A., Kewley A.,´ Klar J., Kochoska A., Kohley R., Kolenberg K., Kontizas M., Kontizas E., Koposov S. E., Kordopatis G., Kostrzewa-Rutkowska Z., Koubsky P., Lambert S., Lanza A. F., Lasne Y., Lavigne J.-B., Le Fustec Y., Le Poncin-Lafitte C., Lebreton Y., Leccia S., Leclerc N., Lecoeur-Taibi I., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L´opez M., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marconi M., Marinoni S., Marschalk´o G., Marshall D. J., Martino M., Marton G., Mary N., Massari D., Matijevi˘c G., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Molina D., Molinaro R., Moln´ar L., Montegriffo P., Mor R., Morbidelli R., Morel T., Morris D., Mulone A. F., Muraveva T., Musella I., Nelemans G., Nicastro L., Noval L., O'Mullane W., Ord´enovic C., Ord´on˜ez-Blanco D., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Panahi A., Pawlak M., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poggio E., Poujoulet E., Pr˘sa A., Pulone L., Racero E., Ragaini S., Rambaux N., Ramos-Lerate M., Regibo S., Reyl´e C., Riclet F., Ripepi V., Riva A., Rivard A., Rixon G., Roegiers T., Roelens M., Romero-G´omez M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sanna N., Santana-Ros T., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., S´egransan D., Shih I.-C., Siltala L., Silva A. F., Smart R. L., Smith K. W., Solano E., Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Surdej J., Szabados L., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Teyssandier P., Thuillot W., Titarenko A., Torra Clotet F., Turon C., Ulla A., Utrilla E., Uzzi S., Vaillant M., Valentini G., Valette V., van Elteren A., Van Hemelryck E., van Leeuwen M., Vaschetto M., Vecchiato A., Veljanoski J., Viala Y., Vicente D., Vogt S., von Essen C., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Wertz O., Wevers T., Wyrzykowski L ., Yoldas A., Zerjal M., Ziaeepour H., Zorec J., Zschocke S., Zucker S.,˘ Zurbach C., Zwitter T., (2018): "Gaia Data Release 2. Summary of the contents and survey properties", Astronomy and Astrophysics, 616, A1. https://ui.adsabs.harvard.edu/abs/2018A&A...616A...1G

185. Barbato D., **Sozzetti A.**, Desidera S., Damasso M., Bonomo A. S., Giacobbe P., Colombo L. S., Lazzoni C., Claudi R., Gratton R., LoCurto G., Marzari F., Mordasini C., (2018): "Exploring the realm of scaled solar system analogues with HARPS", Astronomy and Astrophysics, 615, A175. https://ui.adsabs.harvard.edu/abs/2018A&A...615A.175B

186. Damasso M., Bonomo A. S., Astudillo-Defru N., Bonfils X., Malavolta L., **Sozzetti A.**, Lopez E., Zeng L., Haywood R. D., Irwin J. M., Mortier A., Vanderburg A., Maldonado J., Lanza A. F., Affer L., Almenara J.-M., Benatti S., Biazzo K., Bignamini A., Borsa F., Bouchy F., Buchhave L. A., Cameron A. C., Carleo I., Charbonneau D., Claudi R., Cosentino R., Covino E., Delfosse X., Desidera S., Di Fabrizio L., Dressing C., Esposito M., Fares R., Figueira P., Fiorenzano A. F. M., Forveille T., Giacobbe P., Gonz´alez-Alvarez E.,´ Gratton R., Harutyunyan A., Johnson J. A., Latham D. W.,

Leto G., Lopez-Morales M., Lovis C., Maggio A., Mancini L., Masiero S., Mayor M., Micela G., Molinari E., Motalebi F., Murgas F., Nascimbeni V., Pagano I., Pepe F., Phillips D. F., Piotto G., Poretti E., Rainer M., Rice K., Santos N. C., Sasselov D., Scandariato G., S´egransan D., Smareglia R., Udry S., Watson C., Wu¨nsche A., (2018): "Eyes on K2-3: A system of three likely sub-Neptunes characterized with HARPS-N and HARPS", Astronomy and Astrophysics, 615, A69. https://ui.adsabs.harvard.edu/abs/2018A&A...615A..69D

187. Brogi M., Giacobbe P., Guilluy G., de Kok R. J., **Sozzetti A.**, Mancini L., Bonomo A. S., (2018): "Exoplanet atmospheres with GIANO. I. Water in the transmission spectrum of HD 189 733 b", Astronomy and Astrophysics, 615, A16. https://ui.adsabs.harvard.edu/abs/2018A&A...615A..16B

188. Haywood R. D., Vanderburg A., Mortier A., Giles H. A. C., L´opez-Morales M., Lopez E. D., Malavolta L., Charbonneau D., Collier Cameron A., Coughlin J. L., Dressing C. D., Nava C., Latham D. W., Dumusque X., Lovis C., Molinari E., Pepe F., **Sozzetti A.**, Udry S., Bouchy F., Johnson J. A., Mayor M., Micela G., Phillips D., Piotto G., Rice K., Sasselov D., S´egransan D., Watson C., Affer L., Bonomo A. S., Buchhave L. A., Ciardi D. R., Fiorenzano A. F., Harutyunyan A., (2018): "An Accurate Mass Determination for Kepler1655b, a Moderately Irradiated World with a Significant Volatile Envelope", The Astronomical Journal, 155, 203. https://ui.adsabs.harvard.edu/abs/2018AJ....155..203H

189. Carleo I., Benatti S., Lanza A. F., Gratton R., Claudi R., Desidera S., Mace G. N., Messina S., Sanna N., Sissa E., Ghedina A., Ghinassi F., Guerra J., Harutyunyan A., Micela G., Molinari E., Oliva E., Tozzi A., Baffa C., Baruffolo A., Bignamini A., Buchschacher N., Cecconi M., Cosentino R., Endl M., Falcini G., Fantinel D., Fini L., Fugazza D., Galli A., Giani E., Gonz´alez C., Gonz´alez-Alvarez E., Gonz´alez M., Hernandez´ N., Hernandez Diaz M., Iuzzolino M., Kaplan K. F., Kidder B. T., Lodi M., Malavolta L., Maldonado J., Origlia L., Perez Ventura H., Puglisi A., Rainer M., Riverol L., Riverol C., San Juan J., Scuderi S., Seemann U., Sokal K. R., **Sozzetti A.**, Sozzi M., (2018): "Multi-band high resolution spectroscopy rules out the hot Jupiter BD+20 1790b. First data from the GIARPS Commissioning", Astronomy and Astrophysics, 613, A50. https://ui.adsabs.harvard.edu/abs/2018A&A...613A..50C

190. Mancini L., Esposito M., Covino E., Southworth J., Biazzo K., Bruni I., Ciceri S., Evans D., Lanza A. F., Poretti E., Sarkis P., Smith A. M. S., Brogi M., Affer L., Benatti S., Bignamini A., Boccato C., Bonomo A. S., Borsa F., Carleo I., Claudi R., Cosentino R., Damasso M., Desidera S., Giacobbe P., Gonz´alez-Alvarez´ E., Gratton R., Harutyunyan A., Leto G., Maggio A., Malavolta L., Maldonado J., Martinez-Fiorenzano A., Masiero S., Micela G., Molinari E., Nascimbeni V., Pagano I., Pedani M., Piotto G., Rainer M., Scandariato G., Smareglia R., **Sozzetti A.**, Andreuzzi G., Henning T., (2018): "The GAPS programme with HARPSN at TNG. XVI. Measurement of the Rossiter-McLaughlin effect of transiting planetary systems HAT-P-3, HAT-P-12, HAT-P-22, WASP-39, and WASP-60", Astronomy and Astrophysics, 613, A41. https://ui.adsabs.harvard.edu/abs/2018A&A...613A..41M

191. Su´arez Mascaren˜o A., Rebolo R., Gonz´alez Hern´andez J. I., Toledo-Padr´on B., Perger M., Ribas I., Affer L., Micela G., Damasso M., Maldonado J., Gonz´alez-Alvarez E., Leto G., Pagano I., Scandariato G., **Sozzetti A.**, Lanza A. F., Malavolta L., Claudi R., Cosentino R., Desidera S., Giacobbe P., Maggio A., Rainer M., Esposito M., Benatti S., Pedani M., Morales J. C., Herrero E., Lafarga M., Rosich A., Pinamonti M., (2018): "HADES RV programme with HARPS-N at TNG. VII. Rotation and activity of M-dwarfs from time-series high-resolution spectroscopy of chromospheric indicators", Astronomy and Astrophysics, 612, A89. https://ui.adsabs.harvard.edu/abs/2018A&A...612A..89S

192. Malavolta L., Mayo A. W., Louden T., Rajpaul V. M., Bonomo A. S., Buchhave L. A., Kreidberg L., Kristiansen M. H., Lopez-Morales M., Mortier A., Vanderburg A., Coffinet A., Ehrenreich D., Lovis C., Bouchy F., Charbonneau D., Ciardi D. R., Collier Cameron A., Cosentino R., Crossfield I. J. M., Damasso M., Dressing C. D., Dumusque X., Everett M. E., Figueira P., Fiorenzano A. F. M., Gonzales E. J., Haywood R. D., Harutyunyan A., Hirsch L., Howell S. B., Johnson J. A., Latham D. W., Lopez E., Mayor M., Micela G., Molinari E., Nascimbeni V., Pepe F., Phillips D. F., Piotto G., Rice K., Sasselov D., S´egransan D., **Sozzetti A.**, Udry S., Watson C., (2018): "An Ultra-short Period Rocky Super-Earth with a Secondary Eclipse and a Neptune-like Companion around K2-141", The Astronomical Journal, 155, 107. https://ui.adsabs.harvard.edu/abs/2018AJ....155..107M

193. Vanderburg A., Becker J. C., Buchhave L. A., Mortier A., Lopez E., Malavolta L., Haywood R. D., Latham D. W., Charbonneau D., L´opez-Morales M., Adams F. C., Bonomo A. S., Bouchy F., Collier Cameron A., Cosentino R., Di Fabrizio L., Dumusque X., Fiorenzano A., Harutyunyan A., Johnson J. A., Lorenzi V., Lovis C., Mayor M., Micela G., Molinari E., Pedani M., Pepe F., Piotto G., Phillips D., Rice K., Sasselov D., S´egransan D., **Sozzetti A.**, Udry S., Watson C., (2017): "Precise Masses in the WASP-47 System", The Astronomical Journal, 154, 237. https://ui.adsabs.harvard.edu/abs/2017AJ....154..237V

194. Perger M., Ribas I., Damasso M., Morales J. C., Affer L., Su´arez Mascaren˜o A., Micela G., Maldonado J., Gonz´alez Hern´andez J. I., Rebolo R., Scandariato G., Leto G., Zanmar Sanchez R., Benatti S., Bignamini A., Borsa F., Carbognani A., Claudi R., Desidera S., Esposito M., Lafarga M., Martinez Fiorenzano A. F., Herrero E., Molinari E., Nascimbeni V., Pagano I., Pedani M., Poretti E., Rainer M., Rosich A., **Sozzetti A.**, Toledo-Padr´on B., (2017): "HADES RV Programme with HARPS-N at TNG. VI. GJ 3942 b behind dominant activity signals", Astronomy and Astrophysics, 608, A63. https://ui.adsabs.harvard.edu/abs/2017A&A...608A..63P

195. Mackebrandt F., Mallonn M., Ohlert J. M., Granzer T., Lalitha S., Garc´ıa Mun˜oz A., Gibson N. P., Lee J. W., **Sozzetti A.**, Turner J. D., Van˘ko M., Strassmeier K. G., (2017): "Transmission spectroscopy of the hot Jupiter TrES-3 b: Disproof of an overly large Rayleigh-like feature", Astronomy and Astrophysics, 608, A26. https://ui.adsabs.harvard.edu/abs/2017A&A...608A..26M

196. **Sozzetti A.**, Smart R. L., Drimmel R., Giacobbe P., Lattanzi M. G., (2017): "Evidence for orbital motion of CW Leonis from ground-based astrometry", Monthly Notices of the Royal Astronomical Society, 471, L1. https://ui.adsabs.harvard.edu/abs/2017MNRAS.471L...1S

197. Gonz´alez-Alvarez E., Affer L., Micela G., Maldonado J., Carleo I., Damasso M., D'Orazi V., Lanza A. F.,´ Biazzo K., Poretti E., Gratton R., **Sozzetti A.**, Desidera S., Sanna N., Harutyunyan A., Massi F., Oliva E., Claudi R., Cosentino R., Covino E., Maggio A., Masiero S., Molinari E., Pagano I., Piotto G., Smareglia R., Benatti S., Bonomo A. S., Borsa F., Esposito M., Giacobbe P., Malavolta L., Martinez-Fiorenzano A., Nascimbeni V., Pedani M., Rainer M., Scandariato G., (2017): "The GAPS Programme with HARPS-N at TNG. XV. A substellar companion around a K giant star identified with quasi-simultaneous HARPS-N and GIANO measurements", Astronomy and Astrophysics, 606, A51. https://ui.adsabs.harvard.edu/abs/2017A&A...606A..51G

198. Christiansen J. L., Vanderburg A., Burt J., Fulton B. J., Batygin K., Benneke B., Brewer J. M., Charbonneau D., Ciardi D. R., Collier Cameron A., Coughlin J. L., Crossfield I. J. M., Dressing C., Greene T. P., Howard A. W., Latham D. W., Molinari E., Mortier A., Mullally F., Pepe F., Rice K., Sinukoff E., **Sozzetti A.**, Thompson S. E., Udry S., Vogt S. S., Barman T. S., Batalha N. E., Bouchy F., Buchhave L. A., Butler R. P., Cosentino R., Dupuy T. J., Ehrenreich D., Fiorenzano A., Hansen B. M. S., Henning T., Hirsch L., Holden B. P., Isaacson H. T., Johnson J. A., Knutson H. A., Kosiarek M., L´opez-Morales M., Lovis C., Malavolta L., Mayor M., Micela G., Motalebi F., Petigura E., Phillips D. F., Piotto G., Rogers L. A., Sasselov D., Schlieder J. E., S´egransan D., Watson C. A., Weiss L. M., (2017): "Three's Company: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets", The Astronomical Journal, 154, 122. https://ui.adsabs.harvard.edu/abs/2017AJ....154..122C

199. Su´arez Mascaren˜o A., Gonz´alez Hern´andez J. I., Rebolo R., Velasco S., Toledo-Padr´on B., Affer L., Perger M., Micela G., Ribas I., Maldonado J., Leto G., Zanmar Sanchez R., Scandariato G., Damasso M., **Sozzetti A.**, Esposito M., Covino E., Maggio A., Lanza A. F., Desidera S., Rosich A., Bignamini A., Claudi R., Benatti S., Borsa F., Pedani M., Molinari E., Morales J. C., Herrero E., Lafarga M., (2017): "HADES RV Programme with HARPS-N at TNG. V. A super-Earth on the inner edge of the habitable zone of the nearby M dwarf GJ 625", Astronomy and Astrophysics, 605, A92. https://ui.adsabs.harvard.edu/abs/2017A&A...605A..92S

200. Gaia Collaboration, Clementini G., Eyer L., Ripepi V., Marconi M., Muraveva T., Garofalo A., Sarro L. M., Palmer M., Luri X., Molinaro R., Rimoldini L., Szabados L., Musella I., Anderson R. I., Prusti T., de Bruijne J. H. J., Brown A. G. A., Vallenari A., Babusiaux C., Bailer-Jones C. A. L., Bastian U., Biermann M., Evans D. W., Jansen F., Jordi C., Klioner S. A., Lammers U., Lindegren L., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Siddiqui H. I.,

Soubiran C., Valette V., van Leeuwen F., Walton N. A., Aerts C., Arenou F., Cropper M., Drimmel R., Høg E., Katz D., Lattanzi M. G., O'Mullane W., Grebel E. K., Holland A. D., Huc C., Passot X., Perryman M., Bramante L., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., De Angeli F., Fabricius C., Guerra R., Hern´andez J., Jean-Antoine-Piccolo A., Masana E., Messineo R., Mowlavi N., Nienartowicz K., Ord´on˜ez-Blanco D., Panuzzo P., Portell J., Richards P. J., Riello M., Seabroke G. M., Tanga P., Th´evenin F., Torra J., Els S. G., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Lock T., Mercier E., Altmann M., Andrae R., Astraatmadja T. L., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Busso G., Carry B., Cellino A., Cowell S., Creevey O., Cuypers J., Davidson M., De Ridder J., de Torres A., Delchambre L., Dell'Oro A., Ducourant C., Fr´emat Y., Garc´ıa-Torres M., Gosset E., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hauser M., Hestroffer D., Hodgkin S. T., Huckle H. E., Hutton A., Jasniewicz G., Jordan S., Kontizas M., Korn A. J., Lanzafame A. C., Manteiga M., Moitinho A., Muinonen K., Osinde J., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Robin A. C., Siopis C., Smith M., Smith K. W., **Sozzetti A.**, Thuillot W., van Reeven W., Viala Y., Abbas U., Abreu Aramburu A., Accart S., Aguado J. J., Allan P. M., Allasia W., Altavilla G., Alvarez M. A., Alves J., Andrei A. H., Anglada Varela E., Antiche´ E., Antoja T., Ant´on S., Arcay B., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Barache C., Barata C., Barbier A., Barblan F., Barrado y Navascu´es D., Barros M., Barstow M. A., Becciani U., Bellazzini M., Bello Garc´ıa A., Belokurov V., Bendjoya P., Berihuete A., Bianchi L., Bienaym´e O., Billebaud F., Blagorodnova N., Blanco-Cuaresma S., Boch T., Bombrun A., Borrachero R., Bouquillon S., Bourda G., Bragaglia A., Breddels M. A., Brouillet N., Bru¨semeister T., Bucciarelli B., Burgess P., Burgon R., Burlacu A., Busonero D., Buzzi R., Caffau E., Cambras J., Campbell H., Cancelliere R., Cantat-Gaudin T., Carlucci T., Carrasco
J. M., Castellani M., Charlot P., Charnas J., Chiavassa A., Clotet M., Cocozza G., Collins R. S., Costigan G., Crifo F., Cross N. J. G., Crosta M., Crowley C., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., De Cat P., de Felice F., de Laverny P., De Luise F., De March R., de Souza R., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., Di Matteo P., Diakite S., Distefano E., Dolding C., Dos Anjos S., Drazinos P., Dur´an J., Dzigan Y., Edvardsson B., Enke H., Evans N. W., Eynard Bontemps G., Fabre C., Fabrizio M., Falc˜ao A. J., Farr`as Casas M., Federici L., Fedorets G., Fern´andez-Hern´andez J., Fernique P., Fienga A., Figueras F., Filippi F., Findeisen K., Fonti A., Fouesneau M., Fraile E., Fraser M., Fuchs J., Gai M., Galleti S., Galluccio L., Garabato D., Garc´ıa-Sedano F., Garralda N., Gavras P., Gerssen J., Geyer R., Gilmore G., Girona S., Giuffrida G., Gomes M., Gonz´alez-Marcos A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Granvik M., Guerrier A., Guillout P., Guiraud J., Gu´rpide A., Guti´errez-S´anchez R., Guy L. P., Haigron R., Hatzidimitriou D., Haywood M., Heiter U., Helmi A., Hobbs D., Hofmann W., Holl B., Holland G., Hunt J. A. S., Hypki A., Icardi V., Irwin M., Jevardat de Fombelle G., Jofr´e P., Jonker P. G., Jorissen A., Julbe F., Karampelas A., Kochoska A., Kohley R., Kolenberg K., Kontizas E., Koposov S. E., Kordopatis G., Koubsky P., Krone-Martins A., Kudryashova M., Bachchan R. K., Lacoste-Seris F., Lanza A. F., Lavigne J.-B., Le Poncin-Lafitte C., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Lemaitre V., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L¨offler W., L´opez M., Lorenz D., MacDonald I., Magalh˜aes Fernandes T., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marinoni S., Marrese P. M., Marschalk´o G., Marshall D. J., Mart´ın-Fleitas J. M., Martino M., Mary N., Matijevi˘c G., McMillan P. J., Messina S., Michalik D., Millar N. R., Miranda B. M. H., Molina D., Molinaro M., Moln´ar L., Moniez M., Montegriffo P., Mor R., Mora A., Morbidelli R., Morel T., Morgenthaler S., Morris D., Mulone A. F., Narbonne J., Nelemans G., Nicastro L., Noval L., Ord´enovic C., Ordieres-Mer´e J., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Parsons P., Pecoraro M., Pedrosa R., Pentik¨ainen H., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poujoulet E., Pr˘sa A., Pulone L., Ragaini S., Rago S., Rambaux N., Ramos-Lerate M., Ranalli P., Rauw G., Read A., Regibo S., Reyl´e C., Ribeiro R. A., Riva A., Rixon G., Roelens M., Romero-G´omez M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., Segransan D., Shih I.-C., Smareglia R., Smart R. L., Solano E., Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Su¨veges M., Surdej J., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Tingley B., Trager S. C., Turon C., Ulla A., Utrilla E., Valentini G., van Elteren A., Van Hemelryck E., van Leeuwen M., Varadi M., Vecchiato
A., Veljanoski J., Via T., Vicente D., Vogt S., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Weingrill K., Wevers T., Wyrzykowski L ., Yoldas A., Zerjal M., Zucker S., Zurbach C., Zwitter T., Alecu A.,˘ Allen M., Allende Prieto C., Amorim A., Anglada-Escud´e G., Arsenijevic V., Azaz S., Balm P., Beck M., Bernstein H.-H., Bigot L., Bijaoui A., Blasco C., Bonfigli M., Bono G., Boudreault S., Bressan A., Brown S., Brunet P.-M., Bunclark P., Buonanno R., Butkevich A. G., Carret C., Carrion C., Chemin L., Ch´ereau F., Corcione L., Darmigny E., de Boer K. S., de Teodoro P., de Zeeuw P. T., Delle Luche C., Domingues C. D., Dubath P., Fodor F., Fr´ezouls B., Fries A., Fustes D., Fyfe D., Gallardo E., Gallegos J., Gardiol D., Gebran M., Gomboc A., G´omez A., Grux E., Gueguen A., Heyrovsky A., Hoar J., Iannicola G., Isasi Parache Y., Janotto A.-M., Joliet E., Jonckheere A., Keil R., Kim D.-W., Klagyivik P., Klar J., Knude J., Kochukhov O., Kolka I., Kos J., Kutka A., Lainey V., LeBouquin D., Liu C., Loreggia D., Makarov V. V., Marseille M.

G., Martayan C., Martinez-Rubi O., Massart B., Meynadier F., Mignot S., Munari U., Nguyen A.-T., Nordlander T., O'Flaherty K. S., Ocvirk P., Olias Sanz A., Ortiz P., Osorio J., Oszkiewicz D., Ouzounis A., Park P., Pasquato E., Peltzer C., Peralta J., P´eturaud F., Pieniluoma T., Pigozzi E., Poels J., Prat G., Prod'homme T., Raison F., Rebordao J. M., Risquez D., Rocca-Volmerange B., Rosen S., Ruiz-Fuertes M. I., Russo F., Serraller Vizcaino I., Short A., Siebert A., Silva H., Sinachopoulos D., Slezak E., Soffel M., Sosnowska D., Straiˇzys V., ter Linden M., Terrell D., Theil S., Tiede C., Troisi L., Tsalmantza P., Tur D., Vaccari M., Vachier F., Valles P., Van Hamme W., Veltz L., Virtanen J., Wallut J.-M., Wichmann R., Wilkinson M. I., Ziaeepour H., Zschocke S., (2017): "Gaia Data Release 1. Testing parallaxes with local Cepheids and RR Lyrae stars", Astronomy and Astrophysics, 605, A79. https://ui.adsabs.harvard.edu/abs/2017A&A...605A..79G

201. Claudi R., Benatti S., Carleo I., Ghedina A., Guerra J., Micela G., Molinari E., Oliva E., Rainer M., Tozzi A., Baffa C., Baruffolo A., Buchschacher N., Cecconi M., Cosentino R., Fantinel D., Fini L., Ghinassi F., Giani E., Gonzalez E., Gonzalez M., Gratton R., Harutyunyan A., Hernandez N., Lodi M., Malavolta L., Maldonado J., Origlia L., Sanna N., Sanjuan J., Scuderi S., Seemann U., **Sozzetti A.**, Perez Ventura H., Hernandez Diaz M., Galli A., Gonzalez C., Riverol L., Riverol C., (2017): "GIARPS@TNG: GIANO-B and HARPS-N together for a wider wavelength range spectroscopy", European Physical Journal Plus, 132, 364. https://ui.adsabs.harvard.edu/abs/2017EPJP..132..364C

202. Pinamonti M., **Sozzetti A.**, Bonomo A. S., Damasso M., (2017): "Searching for planetary signals in Doppler time series: a performance evaluation of tools for periodogram analysis", Monthly Notices of the Royal Astronomical Society, 468, 3775. https://ui.adsabs.harvard.edu/abs/2017MNRAS.468.3775P

203. Bonomo A. S., Desidera S., Benatti S., Borsa F., Crespi S., Damasso M., Lanza A. F., **Sozzetti A.**, Lodato G., Marzari F., Boccato C., Claudi R. U., Cosentino R., Covino E., Gratton R., Maggio A., Micela G., Molinari E., Pagano I., Piotto G., Poretti E., Smareglia R., Affer L., Biazzo K., Bignamini A., Esposito M., Giacobbe P., H´ebrard G., Malavolta L., Maldonado J., Mancini L., Martinez Fiorenzano A., Masiero S., Nascimbeni V., Pedani M., Rainer M., Scandariato G., (2017): "The GAPS Programme with HARPS-N at TNG . XIV. Investigating giant planet migration history via improved eccentricity and mass determination for 231 transiting planets", Astronomy and Astrophysics, 602, A107. https://ui.adsabs.harvard.edu/abs/2017A&A...602A.107B

204. Abbas U., Bucciarelli B., Lattanzi M. G., Crosta M., Gai M., Smart R., **Sozzetti A.**, Vecchiato A., (2017): "The Short-term Stability of a Simulated Differential Astrometric Reference Frame in the Gaia Era", Publications of the Astronomical Society of the Pacific, 129, 054503. https://ui.adsabs.harvard.edu/abs/2017PASP..129e4503A

205. Malavolta L., Borsato L., Granata V., Piotto G., Lopez E., Vanderburg A., Figueira P., Mortier A., Nascimbeni V., Affer L., Bonomo A. S., Bouchy F., Buchhave L. A., Charbonneau D., Collier Cameron A., Cosentino R., Dressing C. D., Dumusque X., Fiorenzano A. F. M., Harutyunyan A., Haywood R. D., Johnson J. A., Latham D. W., Lopez-Morales M., Lovis C., Mayor M., Micela G., Molinari E., Motalebi F., Pepe F., Phillips D. F., Pollacco D., Queloz D., Rice K., Sasselov D., S´egransan D., **Sozzetti A.**, Udry S., Watson C., (2017): "The Kepler-19 System: A Thick-envelope Super-Earth with Two Neptune-mass Companions Characterized Using Radial Velocities and Transit Timing Variations", The Astronomical Journal, 153, 224. https://ui.adsabs.harvard.edu/abs/2017AJ....153..224M

206. Esposito M., Covino E., Desidera S., Mancini L., Nascimbeni V., Zanmar Sanchez R., Biazzo K., Lanza A. F., Leto G., Southworth J., Bonomo A. S., Su´arez Mascaren˜o A., Boccato C., Cosentino R., Claudi R. U., Gratton R., Maggio A., Micela G., Molinari E., Pagano I., Piotto G., Poretti E., Smareglia R., **Sozzetti A.**, Affer L., Anderson D. R., Andreuzzi G., Benatti S., Bignamini A., Borsa F., Borsato L., Ciceri S., Damasso M., di Fabrizio L., Giacobbe P., Granata V., Harutyunyan A., Henning T., Malavolta L., Maldonado J., Martinez Fiorenzano A., Masiero S., Molaro P., Molinaro M., Pedani M., Rainer M., Scandariato G., Turner O. D., (2017): "The GAPS Programme with HARPS-N at TNG. XIII. The orbital obliquity of three close-in massive planets hosted by dwarf K-type stars: WASP-43, HAT-P-20 and Qatar-2", Astronomy and Astrophysics, 601, A53. https://ui.adsabs.harvard.edu/abs/2017A&A...601A..53E

207. Gaia Collaboration, van Leeuwen F., Vallenari A., Jordi C., Lindegren L., Bastian U., Prusti T., de Bruijne J. H. J., Brown A. G. A., Babusiaux C., Bailer-Jones C. A. L., Biermann M., Evans D. W., Eyer L., Jansen F., Klioner S. A.,

Lammers U., Luri X., Mignard F., Panem C., Pourbaix D., Randich S., Sartoretti P., Siddiqui H. I., Soubiran C., Valette V., Walton N. A., Aerts C., Arenou F., Cropper M., Drimmel R., Høg E., Katz D., Lattanzi M. G., O'Mullane W., Grebel E. K., Holland A. D., Huc C., Passot X., Perryman M., Bramante L., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., De Angeli F., Fabricius C., Guerra R., Hern´andez J., JeanAntoine-Piccolo A., Masana E., Messineo R., Mowlavi N., Nienartowicz K., Ord´on˜ez-Blanco D., Panuzzo P., Portell J., Richards P. J., Riello M., Seabroke G. M., Tanga P., Th´evenin F., Torra J., Els S. G., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Lock T., Mercier E., Altmann M., Andrae R., Astraatmadja T. L., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Busso G., Carry B., Cellino A., Clementini G., Cowell S., Creevey O., Cuypers J., Davidson M., De Ridder J., de Torres A., Delchambre L., Dell'Oro A., Ducourant C., Fr´emat Y., Garc´ıa-Torres M., Gosset E., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hauser M., Hestroffer D., Hodgkin S. T., Huckle H. E., Hutton A., Jasniewicz G., Jordan S., Kontizas M., Korn A. J., Lanzafame A. C., Manteiga M., Moitinho A., Muinonen K., Osinde J., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Robin A. C., Sarro L. M., Siopis C., Smith M., Smith K. W., **Sozzetti A.**, Thuillot W.,
van Reeven W., Viala Y., Abbas U., Abreu Aramburu A., Accart S., Aguado J. J., Allan P. M., Allasia W., Altavilla G., Alvarez M. A., Alves J., Anderson R. I., Andrei A. H., Anglada Varela E., Antiche E., Antoja T.,´
Ant´on S., Arcay B., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Barache C., Barata C., Barbier A., Barblan F., Barrado y Navascu´es D., Barros M., Barstow M. A., Becciani U., Bellazzini M., Bello Garc´ıa A., Belokurov V., Bendjoya P., Berihuete A., Bianchi L., Bienaym´e O., Billebaud F., Blagorodnova N., Blanco-Cuaresma S., Boch T., Bombrun A., Borrachero R., Bouquillon S., Bourda G., Bouy H., Bragaglia A., Breddels M. A., Brouillet N., Bru¨semeister T., Bucciarelli B., Burgess P., Burgon R., Burlacu A., Busonero D., Buzzi R., Caffau E., Cambras J., Campbell H., Cancelliere R., Cantat-Gaudin T., Carlucci T., Carrasco J. M., Castellani M., Charlot P., Charnas J., Chiavassa A., Clotet M., Cocozza G., Collins R. S., Costigan G., Crifo F., Cross N. J. G., Crosta M., Crowley C., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., De Cat P., de Felice F., de Laverny P., De Luise F., De March R., de Martino D., de Souza R., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., Di Matteo P., Diakite S., Distefano E., Dolding C., Dos Anjos S., Drazinos P., Dur´an J., Dzigan Y., Edvardsson B., Enke H., Evans N. W., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc˜ao A. J., Farr`as Casas M., Federici L., Fedorets G., Fern´andez-Hern´andez J., Fernique P., Fienga A., Figueras F., Filippi F., Findeisen K., Fonti A., Fouesneau M., Fraile E., Fraser M., Fuchs J., Gai M., Galleti S., Galluccio L., Garabato D., Garc´ıa-Sedano F., Garofalo A., Garralda N., Gavras P., Gerssen J., Geyer R., Gilmore G., Girona S., Giuffrida G., Gomes M., Gonz´alez-Marcos A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Granvik M., Guerrier A., Guillout P., Guiraud J., Gu´rpide A., Guti´errez-S´anchez R., Guy L. P., Haigron R., Hatzidimitriou D., Haywood M., Heiter U., Helmi A., Hobbs D., Hofmann W., Holl B., Holland G., Hunt J. A. S., Hypki A., Icardi V., Irwin M., Jevardat de Fombelle G., Jofr´e P., Jonker P. G., Jorissen A., Julbe F., Karampelas A., Kochoska A., Kohley R., Kolenberg K., Kontizas E., Koposov S. E., Kordopatis G., Koubsky P., Krone-Martins A., Kudryashova M., Kull I., Bachchan R. K., LacosteSeris F., Lanza A. F., Lavigne J.-B., Le Poncin-Lafitte C., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Lemaitre V., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L¨offler W., L´opez M., Lorenz D., MacDonald I., Magalh˜aes Fernandes T., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marconi M., Marinoni S., Marrese P. M., Marschalk´o G., Marshall D. J., Mart´ın-Fleitas J. M., Martino M., Mary N., Matijevi˘c G., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Miranda B. M. H., Molina D., Molinaro R., Molinaro M., Moln´ar L., Moniez M., Montegriffo P., Mor R., Mora A., Morbidelli R., Morel T., Morgenthaler S., Morris D., Mulone A.
F., Muraveva T., Musella I., Narbonne J., Nelemans G., Nicastro L., Noval L., Ord´enovic C., Ordieres-Mer´e
J., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Parsons P., Pecoraro M., Pedrosa R., Pentik¨ainen H., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poujoulet E., Pr˘sa A., Pulone L., Ragaini S., Rago S., Rambaux N., Ramos-Lerate M., Ranalli P., Rauw G., Read A., Regibo S., Reyl´e C., Ribeiro R. A., Rimoldini L., Ripepi V., Riva A., Rixon G., Roelens M., Romero-G´omez M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., Segransan D., Shih I.-C., Smareglia R., Smart R. L., Solano E., Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Tingley B., Trager S. C., Turon C., Ulla A., Utrilla E., Valentini G., van Elteren A., Van Hemelryck E., vanLeeuwen M., Varadi M., Vecchiato A., Veljanoski J., Via T., Vicente D., Vogt S., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Weingrill K., Wevers T., Wyrzykowski L ., Yoldas A., Zerjal M., Zucker S., Zurbach C., Zwitter˘ T., Alecu A., Allen M., Allende Prieto C., Amorim A., Anglada-Escud´e G., Arsenijevic V., Azaz S., Balm P., Beck M., Bernstein H.-H., Bigot L., Bijaoui A., Blasco C., Bonfigli M., Bono G., Boudreault S., Bressan A., Brown S., Brunet P.-M., Bunclark P., Buonanno R., Butkevich A. G., Carret C., Carrion C., Chemin L., Ch´ereau F., Corcione L., Darmigny E., de Boer K. S., de Teodoro P., de Zeeuw P. T., Delle Luche C., Domingues C. D., Dubath P., Fodor F., Fr´ezouls B., Fries A., Fustes D., Fyfe D., Gallardo E., Gallegos J., Gardiol D., Gebran M., Gomboc A., G´omez A., Grux

E., Gueguen A., Heyrovsky A., Hoar J., Iannicola G., Isasi Parache Y., Janotto A.-M., Joliet E., Jonckheere A., Keil R., Kim D.-W., Klagyivik P., Klar J., Knude J., Kochukhov O., Kolka I., Kos J., Kutka A., Lainey V., LeBouquin D., Liu C., Loreggia D., Makarov V. V., Marseille M. G., Martayan C., Martinez-Rubi O., Massart B., Meynadier F., Mignot S., Munari U., Nguyen A.-T., Nordlander T., O'Flaherty K. S., Ocvirk P., Olias Sanz A., Ortiz P., Osorio J., Oszkiewicz D., Ouzounis A., Palmer M., Park P., Pasquato E., Peltzer C., Peralta J., P´eturaud F., Pieniluoma T., Pigozzi E., Poels J., Prat G., Prod'homme T., Raison F., Rebordao J. M., Risquez D., Rocca-Volmerange B., Rosen S., Ruiz-Fuertes M. I., Russo F., Sembay S., Serraller Vizcaino I., Short A., Siebert A., Silva H., Sinachopoulos D., Slezak E., Soffel M., Sosnowska D., Straiˇzys V., ter Linden M., Terrell D., Theil S., Tiede C., Troisi L., Tsalmantza P., Tur D., Vaccari M., Vachier F., Valles P., Van Hamme W., Veltz L., Virtanen J., Wallut J.-M., Wichmann R., Wilkinson M. I., Ziaeepour H., Zschocke S., (2017): "Gaia Data Release
1. Open cluster astrometry: performance, limitations, and future prospects", Astronomy and Astrophysics, 601, A19. https://ui.adsabs.harvard.edu/abs/2017A&A...601A..19G

208. Gillon M., Demory B.-O., Van Grootel V., Motalebi F., Lovis C., Collier Cameron A., Charbonneau D., Latham D., Molinari E., Pepe F. A., S´egransan D., Sasselov D., Udry S., Mayor M., Micela G., Piotto G., **Sozzetti A.**, (2017): "Two massive rocky planets transiting a K–dwarf 6.5 parsecs away", Nature Astronomy, 1, 0056. https://ui.adsabs.harvard.edu/abs/2017NatAs...1E..56G

209. Benatti S., Desidera S., Damasso M., Malavolta L., Lanza A. F., Biazzo K., Bonomo A. S., Claudi R. U., Marzari F., Poretti E., Gratton R., Micela G., Pagano I., Piotto G., **Sozzetti A.**, Boccato C., Cosentino R., Covino E., Maggio A., Molinari E., Smareglia R., Affer L., Andreuzzi G., Bignamini A., Borsa F., di Fabrizio L., Esposito M., Martinez Fiorenzano A., Messina S., Giacobbe P., Harutyunyan A., Knapic C., Maldonado J., Masiero S., Nascimbeni V., Pedani M., Rainer M., Scandariato G., Silvotti R., (2017): "The GAPS Programme with HARPS-N at TNG. XII. Characterization of the planetary system around HD 108874", Astronomy and Astrophysics, 599, A90. https://ui.adsabs.harvard.edu/abs/2017A&A...599A..90B

210. Dumusque X., Borsa F., Damasso M., D´ıaz R. F., Gregory P. C., Hara N. C., Hatzes A., Rajpaul V., Tuomi M., Aigrain S., Anglada-Escud´e G., Bonomo A. S., Bou´e G., Dauvergne F., Frustagli G., Giacobbe P., Haywood R. D., Jones H. R. A., Laskar J., Pinamonti M., Poretti E., Rainer M., S´egransan D., **Sozzetti A.**, Udry S., (2017): "Radial-velocity fitting challenge. II. First results of the analysis of the data set", Astronomy and Astrophysics, 598, A133. https://ui.adsabs.harvard.edu/abs/2017A&A...598A.133D

211. Scandariato G., Maldonado J., Affer L., Biazzo K., Leto G., Stelzer B., Zanmar Sanchez R., Claudi R., Cosentino R., Damasso M., Desidera S., Gonz´alez Alvarez E., Gonz´alez Hern´andez J. I., Gratton R., Lanza´ A. F., Maggio A., Messina S., Micela G., Pagano I., Perger M., Piotto G., Rebolo R., Ribas I., Rosich A., **Sozzetti A.**, Su´arez Mascaren˜o A., (2017): "HADES RV Programme with HARPS-N at TNG. IV. Time resolved analysis of the Ca II H&K and Hα chromospheric emission of low-activity early-type M dwarfs", Astronomy and Astrophysics, 598, A28. https://ui.adsabs.harvard.edu/abs/2017A&A...598A..28S

212. Maldonado J., Scandariato G., Stelzer B., Biazzo K., Lanza A. F., Maggio A., Micela G., Gonz´alez-Alvarez´ E., Affer L., Claudi R. U., Cosentino R., Damasso M., Desidera S., Gonz´alez Hern´andez J. I., Gratton R., Leto G., Messina S., Molinari E., Pagano I., Perger M., Piotto G., Rebolo R., Ribas I., **Sozzetti A.**, Su´arez Mascaren˜o A., Zanmar Sanchez R., (2017): "HADES RV Programme with HARPS-N at TNG . III. Flux-flux and activity-rotation relationships of early-M dwarfs", Astronomy and Astrophysics, 598, A27. https://ui.adsabs.harvard.edu/abs/2017A&A...598A..27M

213. Perger M., Garc´ıa-Piquer A., Ribas I., Morales J. C., Affer L., Micela G., Damasso M., Su´arez-Mascaren˜o A., Gonz´alez-Hern´andez J. I., Rebolo R., Herrero E., Rosich A., Lafarga M., Bignamini A., **Sozzetti A.**, Claudi R., Cosentino R., Molinari E., Maldonado J., Maggio A., Lanza A. F., Poretti E., Pagano I., Desidera S., Gratton R., Piotto G., Bonomo A. S., Martinez Fiorenzano A. F., Giacobbe P., Malavolta L., Nascimbeni V., Rainer M., Scandariato G., (2017): "HADES RV Programme with HARPS-N at TNG. II. Data treatment and simulations", Astronomy and Astrophysics, 598, A26. https://ui.adsabs.harvard.edu/abs/2017A&A...598A..26P

214. L´opez-Morales M., Haywood R. D., Coughlin J. L., Zeng L., Buchhave L. A., Giles H. A. C., Affer L., Bonomo A. S., Charbonneau D., Collier Cameron A., Consentino R., Dressing C. D., Dumusque X., Figueira P., Fiorenzano A. F. M., Harutyunyan A., Johnson J. A., Latham D. W., Lopez E. D., Lovis C., Malavolta L., Mayor M., Micela G., Molinari E., Mortier A., Motalebi F., Nascimbeni V., Pepe F., Phillips D. F., Piotto G., Pollacco D., Queloz D., Rice K., Sasselov D., Segransan D., **Sozzetti A.**, Udry S., Vanderburg A., Watson C., (2016): "Kepler-21b: A Rocky Planet Around a V = 8.25 Magnitude Star", The Astronomical Journal,
152, 204. https://ui.adsabs.harvard.edu/abs/2016AJ....152..204L

215. Otor O. J., Montet B. T., Johnson J. A., Charbonneau D., Collier-Cameron A., Howard A. W., Isaacson H., Latham D. W., Lopez-Morales M., Lovis C., Mayor M., Micela G., Molinari E., Pepe F., Piotto G., Phillips D. F., Queloz D., Rice K., Sasselov D., S´egransan D., **Sozzetti A.**, Udry S., Watson C., (2016): "The Orbit and Mass of the Third Planet in the Kepler-56 System", The Astronomical Journal, 152, 165. https://ui.adsabs.harvard.edu/abs/2016AJ....152..165O

216. Buchhave L. A., Dressing C. D., Dumusque X., Rice K., Vanderburg A., Mortier A., Lopez-Morales M., Lopez E., Lundkvist M. S., Kjeldsen H., Affer L., Bonomo A. S., Charbonneau D., Collier Cameron A., Cosentino R., Figueira P., Fiorenzano A. F. M., Harutyunyan A., Haywood R. D., Johnson J. A., Latham D. W., Lovis C., Malavolta L., Mayor M., Micela G., Molinari E., Motalebi F., Nascimbeni V., Pepe F., Phillips D. F., Piotto G., Pollacco D., Queloz D., Sasselov D., S´egransan D., **Sozzetti A.**, Udry S., Watson C., (2016): "A 1.9 Earth Radius Rocky Planet and the Discovery of a Non-transiting Planet in the Kepler-20 System", The Astronomical Journal, 152, 160. https://ui.adsabs.harvard.edu/abs/2016AJ....152..160B

217. Gaia Collaboration, Brown A. G. A., Vallenari A., Prusti T., de Bruijne J. H. J., Mignard F., Drimmel R., Babusiaux C., Bailer-Jones C. A. L., Bastian U., Biermann M., Evans D. W., Eyer L., Jansen F., Jordi C., Katz D., Klioner S. A., Lammers U., Lindegren L., Luri X., O'Mullane W., Panem C., Pourbaix D., Randich S., Sartoretti P., Siddiqui H. I., Soubiran C., Valette V., van Leeuwen F., Walton N. A., Aerts C., Arenou F., Cropper M., Høg E., Lattanzi M. G., Grebel E. K., Holland A. D., Huc C., Passot X., Perryman M., Bramante L., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., De Angeli F., Fabricius C., Guerra R., Hern´andez J., Jean-Antoine-Piccolo A., Masana E., Messineo R., Mowlavi N., Nienartowicz K., Ord´on˜ezBlanco D., Panuzzo P., Portell J., Richards P. J., Riello M., Seabroke G. M., Tanga P., Th´evenin F., Torra J., Els S. G., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Lock T., Mercier E., Altmann M., Andrae R., Astraatmadja T. L., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Busso G., Carry B., Cellino A., Clementini G., Cowell S., Creevey O., Cuypers J., Davidson M., De Ridder J., de Torres A., Delchambre L., Dell'Oro A., Ducourant C., Fr´emat Y., Garc´ıa-Torres M., Gosset E., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hauser M., Hestroffer D., Hodgkin S. T., Huckle H. E., Hutton A., Jasniewicz G., Jordan S., Kontizas M., Korn A. J., Lanzafame A. C., Manteiga M., Moitinho A., Muinonen K., Osinde J., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Robin A. C., Sarro L. M., Siopis C., Smith M., Smith K. W., **Sozzetti A.**, Thuillot W., van Reeven W., Viala Y., Abbas U., Abreu Aramburu A., Accart S., Aguado J. J., Allan P. M., Allasia W., Altavilla G., Alvarez M. A., Alves J., Anderson R. I., Andrei A. H., Anglada´ Varela E., Antiche E., Antoja T., Ant´on S., Arcay B., Bach N., Baker S. G., Balaguer-Nu´n˜ez L., Barache C., Barata C., Barbier A., Barblan F., Barrado y Navascu´es D., Barros M., Barstow M. A., Becciani U., Bellazzini M., Bello Garc´ıa A., Belokurov V., Bendjoya P., Berihuete A., Bianchi L., Bienaym´e O., Billebaud F., Blagorodnova N., Blanco-Cuaresma S., Boch T., Bombrun A., Borrachero R., Bouquillon S., Bourda G., Bouy H., Bragaglia A., Breddels M. A., Brouillet N., Bru¨semeister T., Bucciarelli B., Burgess P., Burgon R., Burlacu A., Busonero D., Buzzi R., Caffau E., Cambras J., Campbell H., Cancelliere R., Cantat-Gaudin T., Carlucci T., Carrasco J. M., Castellani M., Charlot P., Charnas J., Chiavassa A., Clotet M., Cocozza G., Collins R. S., Costigan G., Crifo F., Cross N. J. G., Crosta M., Crowley C., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., De Cat P., de Felice F., de Laverny P., De Luise F., De March R., de Martino D., de Souza R., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., Di Matteo P., Diakite S., Distefano E., Dolding C., Dos Anjos S., Drazinos P., Duran J., Dzigan Y., Edvardsson B., Enke H., Evans N. W., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc˜ao A. J., Farr`as Casas M., Federici L., Fedorets G., Fern´andez-Hern´andez J., Fernique P., Fienga A., Figueras F., Filippi F., Findeisen K., Fonti A., Fouesneau M., Fraile E., Fraser M., Fuchs J., Gai M., Galleti S., Galluccio L., Garabato D., Garc´ıa-Sedano F., Garofalo A., Garralda N., Gavras P., Gerssen J., Geyer R., Gilmore G., Girona S., Giuffrida G., Gomes M., Gonz´alez-Marcos A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Granvik M., Guerrier A., Guillout P., Guiraud J., Gu´rpide A., Guti´errez-S´anchez R., Guy L. P., Haigron R., Hatzidimitriou D., Haywood M., Heiter U., Helmi A., Hobbs D., Hofmann W., Holl B., Holland G., Hunt J. A. S., Hypki A., Icardi V., Irwin M., Jevardat de Fombelle

G., Jofr´e P., Jonker P. G., Jorissen A., Julbe F., Karampelas A., Kochoska A., Kohley R., Kolenberg K., Kontizas E., Koposov S. E., Kordopatis G., Koubsky P., Krone-Martins A., Kudryashova M., Kull I., Bachchan R. K., Lacoste-Seris F., Lanza A. F., Lavigne J.-B., Le Poncin-Lafitte C., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Lemaitre V., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L¨offler W., L´opez M., Lorenz D., MacDonald I., Magalh˜aes Fernandes T., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marconi M., Marinoni S., Marrese P. M., Marschalk´o G., Marshall D. J., Mart´ın-Fleitas J. M., Martino M., Mary N., Matijevi˘c G., Mazeh T., McMillan P. J., Messina S., Michalik D., Millar N. R., Miranda B. M. H., Molina D., Molinaro R., Molinaro M., Moln´ar L., Moniez M., Montegriffo P., Mor R., Mora A., Morbidelli R., Morel T., Morgenthaler S., Morris D., Mulone A. F., Muraveva T., Musella I., Narbonne J., Nelemans G., Nicastro L., Noval L., Ord´enovic C., Ordieres-Mer´e J., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Parsons P., Pecoraro M., Pedrosa R., Pentik¨ainen H., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poujoulet E., Pr˘sa A., Pulone L., Ragaini S., Rago S., Rambaux N., Ramos-Lerate M., Ranalli P., Rauw G., Read A., Regibo S., Reyl´e C., Ribeiro R. A., Rimoldini L., Ripepi V., Riva A., Rixon G., Roelens M., Romero-G´omez M., Rowell N., Royer F., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sarasso M., Savietto H., Schultheis M., Sciacca E., Segol M., Segovia J. C., Segransan D., Shih I.-C., Smareglia R., Smart R. L., Solano E., Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Tingley B., Trager S. C., Turon C., Ulla A., Utrilla E., Valentini G., van Elteren A., Van Hemelryck E., van Leeuwen M., Varadi M., Vecchiato A., Veljanoski J., Via T., Vicente D., Vogt S., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Weingrill K., Wevers T., Wyrzykowski L ., Yoldas A., Zerjal M., Zucker S., Zurbach C., Zwitter T., Alecu A., Allen M., Allende Prieto˘ C., Amorim A., Anglada-Escud´e G., Arsenijevic V., Azaz S., Balm P., Beck M., Bernstein H.-H., Bigot L., Bijaoui A., Blasco C., Bonfigli M., Bono G., Boudreault S., Bressan A., Brown S., Brunet P.-M., Bunclark P., Buonanno R., Butkevich A. G., Carret C., Carrion C., Chemin L., Ch´ereau F., Corcione L., Darmigny E., de Boer K. S., de Teodoro P., de Zeeuw P. T., Delle Luche C., Domingues C. D., Dubath P., Fodor F., Fr´ezouls B., Fries A., Fustes D., Fyfe D., Gallardo E., Gallegos J., Gardiol D., Gebran M., Gomboc A., G´omez A., Grux E., Gueguen A., Heyrovsky A., Hoar J., Iannicola G., Isasi Parache Y., Janotto A.-M., Joliet E., Jonckheere A., Keil R., Kim D.-W., Klagyivik P., Klar J., Knude J., Kochukhov O., Kolka I., Kos J., Kutka A., Lainey V., LeBouquin D., Liu C., Loreggia D., Makarov V. V., Marseille M. G., Martayan C., Martinez-Rubi O., Massart B., Meynadier F., Mignot S., Munari U., Nguyen A.-T., Nordlander T., Ocvirk P., O'Flaherty K. S., Olias Sanz A., Ortiz P., Osorio J., Oszkiewicz D., Ouzounis A., Palmer M., Park P., Pasquato E., Peltzer C., Peralta J., P´eturaud F., Pieniluoma T., Pigozzi E., Poels J., Prat G., Prod'homme T., Raison F., Rebordao J. M., Risquez D., Rocca-Volmerange B., Rosen S., Ruiz-Fuertes M. I., Russo F., Sembay S., Serraller Vizcaino I., Short A., Siebert A., Silva H., Sinachopoulos D., Slezak E., Soffel M., Sosnowska D., Strai˘zys V., ter Linden M., Terrell D., Theil S., Tiede C., Troisi L., Tsalmantza P., Tur D., Vaccari M., Vachier F., Valles P., Van Hamme W., Veltz L., Virtanen J., Wallut J.-M., Wichmann R., Wilkinson M. I., Ziaeepour H., Zschocke S., (2016): "Gaia Data Release 1. Summary of the astrometric, photometric, and survey properties", Astronomy and Astrophysics, 595, A2. https://ui.adsabs.harvard.edu/abs/2016A&A...595A...2G

218. Gaia Collaboration, Prusti T., de Bruijne J. H. J., Brown A. G. A., Vallenari A., Babusiaux C., Bailer-Jones C. A. L., Bastian U., Biermann M., Evans D. W., Eyer L., Jansen F., Jordi C., Klioner S. A., Lammers U., Lindegren L., Luri X., Mignard F., Milligan D. J., Panem C., Poinsignon V., Pourbaix D., Randich S., Sarri G., Sartoretti P., Siddiqui H. I., Soubiran C., Valette V., van Leeuwen F., Walton N. A., Aerts C., Arenou F., Cropper M., Drimmel R., Høg E., Katz D., Lattanzi M. G., O'Mullane W., Grebel E. K., Holland A. D., Huc C., Passot X., Bramante L., Cacciari C., Castan˜eda J., Chaoul L., Cheek N., De Angeli F., Fabricius C.,
Guerra R., Hern´andez J., Jean-Antoine-Piccolo A., Masana E., Messineo R., Mowlavi N., Nienartowicz K., Ord´on˜ez-Blanco D., Panuzzo P., Portell J., Richards P. J., Riello M., Seabroke G. M., Tanga P., Th´evenin F., Torra J., Els S. G., Gracia-Abril G., Comoretto G., Garcia-Reinaldos M., Lock T., Mercier E., Altmann M., Andrae R., Astraatmadja T. L., Bellas-Velidis I., Benson K., Berthier J., Blomme R., Busso G., Carry B., Cellino A., Clementini G., Cowell S., Creevey O., Cuypers J., Davidson M., De Ridder J., de Torres A., Delchambre L., Dell'Oro A., Ducourant C., Fr´emat Y., Garc´ıa-Torres M., Gosset E., Halbwachs J.-L., Hambly N. C., Harrison D. L., Hauser M., Hestroffer D., Hodgkin S. T., Huckle H. E., Hutton A., Jasniewicz G., Jordan S., Kontizas M., Korn A. J., Lanzafame A. C., Manteiga M., Moitinho A., Muinonen K., Osinde J., Pancino E., Pauwels T., Petit J.-M., Recio-Blanco A., Robin A. C., Sarro L. M., Siopis C., Smith M., Smith K. W., **Sozzetti A.**, Thuillot W., van Reeven W., Viala Y., Abbas U., Abreu Aramburu A., Accart S., Aguado J. J., Allan P. M., Allasia W., Altavilla G., Alvarez M. A., Alves J., Anderson R. I., Andrei A.´ H., Anglada Varela E., Antiche E., Antoja T., Ant´on S., Arcay B., Atzei A., Ayache L., Bach N., Baker S. G., Balaguer-

Nu´n˜ez L., Barache C., Barata C., Barbier A., Barblan F., Baroni M., Barrado y Navascu´es D., Barros M., Barstow M. A., Becciani U., Bellazzini M., Bellei G., Bello Garc´ıa A., Belokurov V., Bendjoya
P., Berihuete A., Bianchi L., Bienaym´e O., Billebaud F., Blagorodnova N., Blanco-Cuaresma S., Boch T., Bombrun A., Borrachero R., Bouquillon S., Bourda G., Bouy H., Bragaglia A., Breddels M. A., Brouillet N., Bru¨semeister T., Bucciarelli B., Budnik F., Burgess P., Burgon R., Burlacu A., Busonero D., Buzzi R., Caffau E., Cambras J., Campbell H., Cancelliere R., Cantat-Gaudin T., Carlucci T., Carrasco J. M., Castellani M., Charlot P., Charnas J., Charvet P., Chassat F., Chiavassa A., Clotet M., Cocozza G., Collins R. S., Collins P., Costigan G., Crifo F., Cross N. J. G., Crosta M., Crowley C., Dafonte C., Damerdji Y., Dapergolas A., David P., David M., De Cat P., de Felice F., de Laverny P., De Luise F., De March R., de Martino D., de Souza R., Debosscher J., del Pozo E., Delbo M., Delgado A., Delgado H. E., di Marco F., Di Matteo P., Diakite S., Distefano E., Dolding C., Dos Anjos S., Drazinos P., Dur´an J., Dzigan Y., Ecale E., Edvardsson B., Enke H., Erdmann M., Escolar D., Espina M., Evans N. W., Eynard Bontemps G., Fabre C., Fabrizio M., Faigler S., Falc˜ao A. J., Farr`as Casas M., Faye F., Federici L., Fedorets G., Fern´andez-Hern´andez J., Fernique P., Fienga A., Figueras F., Filippi F., Findeisen K., Fonti A., Fouesneau M., Fraile E., Fraser M., Fuchs J., Furnell R., Gai M., Galleti S., Galluccio L., Garabato D., Garc´ıa-Sedano F., Gar´e P., Garofalo A., Garralda N., Gavras P., Gerssen J., Geyer R., Gilmore G., Girona S., Giuffrida G., Gomes M., Gonz´alez-Marcos A., Gonz´alez-Nu´n˜ez J., Gonz´alez-Vidal J. J., Granvik M., Guerrier A., Guillout P., Guiraud J., Gu´rpide A., Guti´errez-S´anchez R., Guy L. P., Haigron R., Hatzidimitriou D., Haywood M., Heiter U., Helmi A., Hobbs D., Hofmann W., Holl B., Holland G., Hunt J. A. S., Hypki A., Icardi V., Irwin M., Jevardat de Fombelle G., Jofr´e P., Jonker P. G., Jorissen A., Julbe F., Karampelas A., Kochoska A., Kohley R., Kolenberg K., Kontizas E., Koposov S. E., Kordopatis G., Koubsky P., Kowalczyk A., Krone-Martins A., Kudryashova M., Kull I., Bachchan R. K., Lacoste-Seris F., Lanza A. F., Lavigne J.-B., Le Poncin-Lafitte C., Lebreton Y., Lebzelter T., Leccia S., Leclerc N., Lecoeur-Taibi I., Lemaitre V., Lenhardt H., Leroux F., Liao S., Licata E., Lindstrøm H. E. P., Lister T. A., Livanou E., Lobel A., L¨offler W., L´opez M., Lopez-Lozano A., Lorenz D., Loureiro T., MacDonald I., Magalh˜aes Fernandes T., Managau S., Mann R. G., Mantelet G., Marchal O., Marchant J. M., Marconi M., Marie J., Marinoni S., Marrese P. M., Marschalk´o G., Marshall D. J., Mart´ın-Fleitas J. M., Martino M., Mary N., Matijevi˘c G., Mazeh T., McMillan P. J., Messina S., Mestre A., Michalik D., Millar N. R., Miranda B. M. H., Molina D., Molinaro R., Molinaro M., Moln´ar L., Moniez M., Montegriffo P., Monteiro D., Mor R., Mora A., Morbidelli R., Morel T., Morgenthaler S., Morley T., Morris D., Mulone A. F., Muraveva T., Musella I., Narbonne J., Nelemans G., Nicastro L., Noval L., Ord´enovic C., Ordieres-Mer´e J., Osborne P., Pagani C., Pagano I., Pailler F., Palacin H., Palaversa L., Parsons P., Paulsen T., Pecoraro M., Pedrosa R., Pentik¨ainen H., Pereira J., Pichon B., Piersimoni A. M., Pineau F.-X., Plachy E., Plum G., Poujoulet E., Pr˘sa A., Pulone L., Ragaini S., Rago S., Rambaux N., Ramos-Lerate M., Ranalli P., Rauw G., Read A., Regibo S., Renk F., Reyl´e C., Ribeiro R. A., Rimoldini L., Ripepi V., Riva A., Rixon G., Roelens M., Romero-G´omez M., Rowell N., Royer F., Rudolph A., Ruiz-Dern L., Sadowski G., Sagrist`a Sell´es T., Sahlmann J., Salgado J., Salguero E., Sarasso M., Savietto H., Schnorhk A., Schultheis M., Sciacca E., Segol M., Segovia J. C., Segransan D., Serpell E., Shih I.-C., Smareglia R., Smart R. L., Smith C., Solano E., Solitro F., Sordo R., Soria Nieto S., Souchay J., Spagna A., Spoto F., Stampa U., Steele I. A., Steidelmu¨ller H., Stephenson C. A., Stoev H., Suess F. F., Su¨veges M., Surdej J., Szabados L., Szegedi-Elek E., Tapiador D., Taris F., Tauran G., Taylor M. B., Teixeira R., Terrett D., Tingley B., Trager S. C., Turon C., Ulla A., Utrilla E., Valentini G., van Elteren A., Van Hemelryck E., van Leeuwen M., Varadi M., Vecchiato A., Veljanoski J., Via T., Vicente D., Vogt S., Voss H., Votruba V., Voutsinas S., Walmsley G., Weiler M., Weingrill K., Werner D., Wevers T., Whitehead G., Wyrzykowski L ., Yoldas A., Zerjal M.,˘ Zucker S., Zurbach C., Zwitter T., Alecu A., Allen M., Allende Prieto C., Amorim A., Anglada-Escud´e G.,
Arsenijevic V., Azaz S., Balm P., Beck M., Bernstein H.-H., Bigot L., Bijaoui A., Blasco C., Bonfigli M., Bono G., Boudreault S., Bressan A., Brown S., Brunet P.-M., Bunclark P., Buonanno R., Butkevich A. G.,
Carret C., Carrion C., Chemin L., Ch´ereau F., Corcione L., Darmigny E., de Boer K. S., de Teodoro P., de Zeeuw P. T., Delle Luche C., Domingues C. D., Dubath P., Fodor F., Fr´ezouls B., Fries A., Fustes D., Fyfe D., Gallardo E., Gallegos J., Gardiol D., Gebran M., Gomboc A., G´omez A., Grux E., Gueguen A., Heyrovsky A., Hoar J., Iannicola G., Isasi Parache Y., Janotto A.-M., Joliet E., Jonckheere A., Keil R., Kim D.-W., Klagyivik P., Klar J., Knude J., Kochukhov O., Kolka I., Kos J., Kutka A., Lainey V., LeBouquin D., Liu C., Loreggia D., Makarov V. V., Marseille M. G., Martayan C., Martinez-Rubi O., Massart B., Meynadier F., Mignot S., Munari U., Nguyen A.-T., Nordlander T., Ocvirk P., O'Flaherty K. S., Olias Sanz A., Ortiz P., Osorio J., Oszkiewicz D., Ouzounis A., Palmer M., Park P., Pasquato E., Peltzer C., Peralta J., P´eturaud F., Pieniluoma T., Pigozzi E., Poels J., Prat G., Prod'homme T., Raison F., Rebordao J. M., Risquez D., Rocca-Volmerange B., Rosen S., Ruiz-Fuertes M. I., Russo F., Sembay S., Serraller Vizcaino I., Short A., Siebert A., Silva H., Sinachopoulos D., Slezak E., Soffel M., Sosnowska D., Strai˘zys V., ter Linden M., Terrell D., Theil S., Tiede C., Troisi L., Tsalmantza P., Tur D., Vaccari M., Vachier F., Valles P., Van Hamme W., Veltz L., Virtanen J., Wallut J.-M., Wichmann R., Wilkinson M. I., Ziaeepour H., Zschocke S., (2016): "The Gaia mission", Astronomy and Astrophysics, 595, A1. https://ui.adsabs.harvard.edu/abs/2016A&A...595A...1G

219. Affer L., Micela G., Damasso M., Perger M., Ribas I., Su´arez Mascaren˜o A., Gonz´alez Hern´andez J. I., Rebolo R., Poretti E., Maldonado J., Leto G., Pagano I., Scandariato G., Zanmar Sanchez R., **Sozzetti A.**, Bonomo A. S., Malavolta L., Morales J. C., Rosich A., Bignamini A., Gratton R., Velasco S., Cenadelli D., Claudi R., Cosentino R., Desidera S., Giacobbe P., Herrero E., Lafarga M., Lanza A. F., Molinari E., Piotto G., (2016): "HADES RV program with HARPS-N at the TNG GJ 3998: An early M-dwarf hosting a system of super-Earths", Astronomy and Astrophysics, 593, A117. https://ui.adsabs.harvard.edu/abs/2016A&A...593A.117A

220. Fischer D. A., Anglada-Escude G., Arriagada P., Baluev R. V., Bean J. L., Bouchy F., Buchhave L. A., Carroll T., Chakraborty A., Crepp J. R., Dawson R. I., Diddams S. A., Dumusque X., Eastman J. D., Endl M., Figueira P., Ford E. B., Foreman-Mackey D., Fournier P., Fu˝r´esz G., Gaudi B. S., Gregory P. C., Grundahl F., Hatzes A. P., H´ebrard G., Herrero E., Hogg D. W., Howard A. W., Johnson J. A., Jorden P., Jurgenson C. A., Latham D. W., Laughlin G., Loredo T. J., Lovis C., Mahadevan S., McCracken T. M., Pepe F., Perez M., Phillips D. F., Plavchan P. P., Prato L., Quirrenbach A., Reiners A., Robertson P., Santos N. C., Sawyer D., Segransan D., **Sozzetti A.**, Steinmetz T., Szentgyorgyi A., Udry S., Valenti J. A., Wang S. X., Wittenmyer R. A., Wright J. T., (2016): "State of the Field: Extreme Precision Radial Velocities", Publications of the Astronomical Society of the Pacific, 128, 066001. https://ui.adsabs.harvard.edu/abs/2016PASP..128f6001F

221. Faria J. P., Santos N. C., Figueira P., Mortier A., Dumusque X., Boisse I., Lo Curto G., Lovis C., Mayor M., Melo C., Pepe F., Queloz D., Santerne A., S´egransan D., Sousa S. G., **Sozzetti A.**, Udry S., (2016): "The HARPS search for southern extra-solar planets. XL. Searching for Neptunes around metal-poor stars", Astronomy and Astrophysics, 589, A25. https://ui.adsabs.harvard.edu/abs/2016A&A...589A..25F

222. Malavolta L., Nascimbeni V., Piotto G., Quinn S. N., Borsato L., Granata V., Bonomo A. S., Marzari F., Bedin L. R., Rainer M., Desidera S., Lanza A. F., Poretti E., **Sozzetti A.**, White R. J., Latham D. W., Cunial A., Libralato M., Nardiello D., Boccato C., Claudi R. U., Cosentino R., Covino E., Gratton R., Maggio A., Micela G., Molinari E., Pagano I., Smareglia R., Affer L., Andreuzzi G., Aparicio A., Benatti S., Bignamini A., Borsa F., Damasso M., Di Fabrizio L., Harutyunyan A., Esposito M., Fiorenzano A. F. M., Gandolfi D., Giacobbe P., Gonz´alez Hern´andez J. I., Maldonado J., Masiero S., Molinaro M., Pedani M., Scandariato G., (2016): "The GAPS programme with HARPS-N at TNG. XI. Pr 0211 in M 44: the first multi-planet system in an open cluster", Astronomy and Astrophysics, 588, A118. https://ui.adsabs.harvard.edu/abs/2016A&A...588A.118M

223. Ciceri S., Mancini L., Southworth J., Lendl M., Tregloan-Reed J., Brahm R., Chen G., D'Ago G., Dominik M., Figuera Jaimes R., Galianni P., Harpsøe K., Hinse T. C., Jørgensen U. G., Juncher D., Korhonen H., Liebig C., Rabus M., Bonomo A. S., Bott K., Henning T., Jord´an A., **Sozzetti A.**, Alsubai K. A., Andersen J. M., Bajek D., Bozza V., Bramich D. M., Browne P., Calchi Novati S., Damerdji Y., Diehl C., Elyiv A., Giannini E., Gu S.-H., Hundertmark M., Kains N., Penny M., Popovas A., Rahvar S., Scarpetta G., Schmidt R. W., Skottfelt J., Snodgrass C., Surdej J., Vilela C., Wang X.-B., Wertz O., (2016): "Physical properties of the planetary systems WASP-45 and WASP-46 from simultaneous multiband photometry", Monthly Notices of the Royal Astronomical Society, 456, 990. https://ui.adsabs.harvard.edu/abs/2016MNRAS.456..990C

224. Gettel S., Charbonneau D., Dressing C. D., Buchhave L. A., Dumusque X., Vanderburg A., Bonomo A. S., Malavolta L., Pepe F., Collier Cameron A., Latham D. W., Udry S., Marcy G. W., Isaacson H., Howard A. W., Davies G. R., Silva Aguirre V., Kjeldsen H., Bedding T. R., Lopez E., Affer L., Cosentino R., Figueira P., Fiorenzano A. F. M., Harutyunyan A., Johnson J. A., Lopez-Morales M., Lovis C., Mayor M., Micela G., Molinari E., Motalebi F., Phillips D. F., Piotto G., Queloz D., Rice K., Sasselov D., S´egransan D., **Sozzetti A.**, Watson C., Basu S., Campante T. L., Christensen-Dalsgaard J., Kawaler S. D., Metcalfe T. S., Handberg R., Lund M. N., Lundkvist M. S., Huber D., Chaplin W. J., (2016): "The Kepler-454 System: A Small, Not-rocky Inner Planet, a Jovian World, and a Distant Companion", The Astrophysical Journal, 816, 95. https://ui.adsabs.harvard.edu/abs/2016ApJ...816...95G

225. Bozza V., Mancini L., **Sozzetti A.**, (2016): "Methods of Detecting Exoplanets", Methods of Detecting Exoplanets: 1st Advanced School on Exoplanetary Science, 428,. https://ui.adsabs.harvard.edu/abs/2016ASSL..428.....B

226. Mortier A., Faria J. P., Santos N. C., Rajpaul V., Figueira P., Boisse I., Collier Cameron A., Dumusque X., Lo Curto G., Lovis C., Mayor M., Melo C., Pepe F., Queloz D., Santerne A., S´egransan D., Sousa S. G., **Sozzetti A.**, Udry S., (2016): "The HARPS search for southern extra-solar planets. XXXIX. HD 175607, the most metal-poor G dwarf with an orbiting sub-Neptune", Astronomy and Astrophysics, 585, A135. https://ui.adsabs.harvard.edu/abs/2016A&A...585A.135M

227. **Sozzetti A.**, Damasso M., (2015): "The gaia survey contribution to EChO target selection and characterization", Experimental Astronomy, 40, 595. https://ui.adsabs.harvard.edu/abs/2015ExA....40..595S

228. Micela G., Bakos G. A., Lopez-Morales M., Maxted P. F. L., Pagano I.,´ **Sozzetti A.**, Wheatley P. J., (2015): "The contribution of the major planet search surveys to EChO target selection", Experimental Astronomy, 40, 577. https://ui.adsabs.harvard.edu/abs/2015ExA....40..577M

229. Tinetti G., Drossart P., Eccleston P., Hartogh P., Isaak K., Linder M., Lovis C., Micela G., Ollivier M., Puig L., Ribas I., Snellen I., Swinyard B., Allard F., Barstow J., Cho J., Coustenis A., Cockell C., Correia A., Decin L., de Kok R., Deroo P., Encrenaz T., Forget F., Glasse A., Griffith C., Guillot T., Koskinen T., Lammer H., Leconte J., Maxted P., Mueller-Wodarg I., Nelson R., North C., Pall´e E., Pagano I., Piccioni G., Pinfield D., Selsis F., **Sozzetti A.**, Stixrude L., Tennyson J., Turrini D., Zapatero-Osorio M., Beaulieu J.-P., Grodent D., Guedel M., Luz D., Nørgaard-Nielsen H. U., Ray T., Rickman H., Selig A., Swain M., Banaszkiewicz M., Barlow M., Bowles N., Branduardi-Raymont G., du Foresto V. C., Gerard J.-C., Gizon L., Hornstrup A., Jarchow C., Kerschbaum F., Kovacs G., Lagage P.-O., Lim T., Lopez-Morales M., Malaguti G., Pace E., Pascale E., Vandenbussche B., Wright G., Ramos Zapata G., Adriani A., Azzollini R., Balado A., Bryson I., Burston R., Colom´e J., Crook M., Di Giorgio A., Griffin M., Hoogeveen R., Ottensamer R., Irshad R., Middleton K., Morgante G., Pinsard F., Rataj M., Reess J.-M., Savini G., Schrader J.-R., Stamper R., Winter B., Abe L., Abreu M., Achilleos N., Ade P., Adybekian V., Affer L., Agnor C., Agundez M., Alard C., Alcala J., Allende Prieto C., Alonso Floriano F. J., Altieri F., Alvarez Iglesias C. A., Amado P., Andersen A., Aylward A., Baffa C., Bakos G., Ballerini P., Banaszkiewicz M., Barber R. J., Barrado D., Barton E. J., Batista V., Bellucci G., Belmonte Avil´es J. A., Berry D., B´ezard B., Biondi D., Blecka M., Boisse I., Bonfond B., Bord´e P., B¨orner P., Bouy H., Brown L., Buchhave L., Budaj J., Bulgarelli A., Burleigh M., Cabral A., Capria M. T., Cassan A., Cavarroc C., Cecchi-Pestellini C., Cerulli R., Chadney J., Chamberlain S., Charnoz S., Christian Jessen N., Ciaravella A., Claret A., Claudi R., Coates A., Cole R., Collura A., Cordier D., Covino E., Danielski C., Damasso M., Deeg H. J., Delgado-Mena E., Del Vecchio C., Demangeon O., De Sio A., De Wit J., Dobrij´evic M., Doel P., Dominic C., Dorfi E., Eales S., Eiroa C., Espinoza Contreras M., Esposito M., Eymet V., Fabrizio N., Fern´andez M., Femen´ıa Castella B., Figueira P., Filacchione G., Fletcher L., Focardi M., Fossey S., Fouqu´e P., Frith J., Galand M., Gambicorti L., Gaulme P., Garc´ıa L´opez R. J., Garcia-Piquer A., Gear W., Gerard J.-C., Gesa L., Giani E., Gianotti F., Gillon M., Giro E., Giuranna M., Gomez H., Gomez-Leal I., Gonzalez Hernandez J., Gonz´alez Merino B., Graczyk R., Grassi D., Guardia J., Guio P., Gustin J., Hargrave P., Haigh J., H´ebrard E., Heiter U., Heredero R. L., Herrero E., Hersant F., Heyrovsky D., Hollis M., Hubert B., Hueso R., Israelian G., Iro N., Irwin P., Jacquemoud S., Jones G., Jones H., Justtanont K., Kehoe T., Kerschbaum F., Kerins E., Kervella P., Kipping D., Koskinen T., Krupp N., Lahav O., Laken B., Lanza N., Lellouch E., Leto G., Licandro Goldaracena J., Lithgow-Bertelloni C., Liu S. J., Lo Cicero U., Lodieu N., Lognonn´e P., Lopez-Puertas M., Lopez-Valverde M. A., Lundgaard Rasmussen I., Luntzer A., Machado P., MacTavish C., Maggio A., Maillard J.-P., Magnes W., Maldonado J., Mall U., Marquette J.-B., Mauskopf P., Massi F., Maurin A.-S., Medvedev A., Michaut C., Miles-Paez P., Montalto M., Montan˜´es Rodr´ıguez P., Monteiro M., Montes D., Morais H., Morales J. C., Morales-Calder´on M., Morello G., Moro Mart´ın A., Moses J., Moya Bedon A., Murgas Alcaino F., Oliva E., Orton G., Palla F., Pancrazzi M., Pantin E., Parmentier V., Parviainen H., Pen˜a Ram´ırez K. Y., Peralta J., Perez-Hoyos S., Petrov R., Pezzuto S., Pietrzak R., Pilat-Lohinger E., Piskunov N., Prinja R., Prisinzano L., Polichtchouk I., Poretti E., Radioti A., Ramos A. A., Rank-Lu¨ftinger T., Read P., Readorn K., Rebolo L´opez R., Rebord˜ao J., Rengel
M., Rezac L., Rocchetto M., Rodler F., S´anchez B´ejar V. J., Sanchez Lavega A., Sanrom´a E., Santos N., Sanz Forcada J., Scandariato G., Schmider F.-X., Scholz A., Scuderi S., Sethenadh J., Shore S., Showman A., Sicardy B., Sitek P., Smith A., Soret L., Sousa S., Stiepen A., Stolarski M., Strazzulla G., Tabernero H. M., Tanga P., Tecsa M., Temple J., Terenzi L., Tessenyi M., Testi L., Thompson S., Thrastarson H., Tingley B. W., Trifoglio M., Mart´ın Torres J., Tozzi A., Turrini D., Varley R., Vakili F., de Val-Borro M., Valdivieso M. L., Venot O., Villaver E., Vinatier S., Viti S., Waldmann I., Waltham D., Ward-Thompson D., Waters R., Watkins C., Watson D., Wawer P., Wawrzaszk A., White

G., Widemann T., Winek W., Wi´sniowski T., Yelle R., Yung Y., Yurchenko S. N., (2015): "The EChO science case", Experimental Astronomy, 40, 329. https://ui.adsabs.harvard.edu/abs/2015ExA....40..329T

230. Mancini L., Giacobbe P., Littlefair S. P., Southworth J., Bozza V., Damasso M., Dominik M., Hundertmark M., Jørgensen U. G., Juncher D., Popovas A., Rabus M., Rahvar S., Schmidt R. W., Skottfelt J., Snodgrass C., **Sozzetti A.**, Alsubai K., Bramich D. M., Calchi Novati S., Ciceri S., D'Ago G., Figuera Jaimes R., Galianni P., Gu S.-H., Harpsøe K., Haugbølle T., Henning T., Hinse T. C., Kains N., Korhonen H., Scarpetta G., Starkey D., Surdej J., Wang X.-B., Wertz O., (2015): "Rotation periods and astrometric motions of the Luhman 16AB brown dwarfs by high-resolution lucky-imaging monitoring", Astronomy and Astrophysics, 584, A104. https://ui.adsabs.harvard.edu/abs/2015A&A...584A.104M

231. Motalebi F., Udry S., Gillon M., Lovis C., S´egransan D., Buchhave L. A., Demory B. O., Malavolta L., Dressing C. D., Sasselov D., Rice K., Charbonneau D., Collier Cameron A., Latham D., Molinari E., Pepe F., Affer L., Bonomo A. S., Cosentino R., Dumusque X., Figueira P., Fiorenzano A. F. M., Gettel S., Harutyunyan A., Haywood R. D., Johnson J., Lopez E., Lopez-Morales M., Mayor M., Micela G., Mortier A., Nascimbeni V., Philips D., Piotto G., Pollacco D., Queloz D., **Sozzetti A.**, Vanderburg A., Watson C. A., (2015): "The HARPS-N Rocky Planet Search. I. HD 219134 b: A transiting rocky planet in a multi-planet system at 6.5 pc from the Sun", Astronomy and Astrophysics, 584, A72. https://ui.adsabs.harvard.edu/abs/2015A&A...584A..72M

232. Biazzo K., Gratton R., Desidera S., Lucatello S., **Sozzetti A.**, Bonomo A. S., Damasso M., Gandolfi D., Affer L., Boccato C., Borsa F., Claudi R., Cosentino R., Covino E., Knapic C., Lanza A. F., Maldonado J., Marzari F., Micela G., Molaro P., Pagano I., Pedani M., Pillitteri I., Piotto G., Poretti E., Rainer M., Santos N. C., Scandariato G., Zanmar Sanchez R., (2015): "The GAPS programme with HARPS-N at TNG. X. Differential abundances in the XO-2 planet-hosting binary", Astronomy and Astrophysics, 583, A135. https://ui.adsabs.harvard.edu/abs/2015A&A...583A.135B

233. Maggio A., Pillitteri I., Scandariato G., Lanza A. F., Sciortino S., Borsa F., Bonomo A. S., Claudi R., Covino E., Desidera S., Gratton R., Micela G., Pagano I., Piotto G., **Sozzetti A.**, Cosentino R., Maldonado J., (2015): "Coordinated X-Ray and Optical Observations of Star-Planet Interaction in HD 17156", The Astrophysical Journal, 811, L2. https://ui.adsabs.harvard.edu/abs/2015ApJ...811L...2M

234. Damasso M., Esposito M., Nascimbeni V., Desidera S., Bonomo A. S., Bieryla A., Malavolta L., Biazzo K., **Sozzetti A.**, Covino E., Latham D. W., Gandolfi D., Rainer M., Petrovich C., Collins K. A., Boccato C., Claudi R. U., Cosentino R., Gratton R., Lanza A. F., Maggio A., Micela G., Molinari E., Pagano I., Piotto G., Poretti E., Smareglia R., Di Fabrizio L., Giacobbe P., Gomez-Jimenez M., Murabito S., Molinaro M., Affer L., Barbieri M., Bedin L. R., Benatti S., Borsa F., Maldonado J., Mancini L., Scandariato G., Southworth J., Zanmar Sanchez R., (2015): "The GAPS programme with HARPS-N at TNG. IX. The multi-planet system KELT-6: Detection of the planet KELT-6 c and measurement of the Rossiter-McLaughlin effect for KELT-6 b", Astronomy and Astrophysics, 581, L6. https://ui.adsabs.harvard.edu/abs/2015A&A...581L...6D

235. Mancini L., Esposito M., Covino E., Raia G., Southworth J., Tregloan-Reed J., Biazzo K., Bonomo A. S., Desidera S., Lanza A. F., Maciejewski G., Poretti E., **Sozzetti A.**, Borsa F., Bruni I., Ciceri S., Claudi R., Cosentino R., Gratton R., Martinez Fiorenzano A. F., Lodato G., Lorenzi V., Marzari F., Murabito S., Affer L., Bignamini A., Bedin L. R., Boccato C., Damasso M., Henning T., Maggio A., Micela G., Molinari E., Pagano I., Piotto G., Rainer M., Scandariato G., Smareglia R., Zanmar Sanchez R., (2015): "The GAPS Programme with HARPS-N at TNG. VIII. Observations of the Rossiter-McLaughlin effect and characterisation of the transiting planetary systems HAT-P-36 and WASP-11/HAT-P-10", Astronomy and Astrophysics, 579, A136. https://ui.adsabs.harvard.edu/abs/2015A&A...579A.136M

236. Adibekyan V. Z., Benamati L., Santos N. C., Alves S., Lovis C., Udry S., Israelian G., Sousa S. G., Tsantaki M., Mortier A., **Sozzetti A.**, De Medeiros J. R., (2015): "Chemical abundances and kinematics of 257 G-, K-type field giants.

Setting a base for further analysis of giant-planet properties orbiting evolved stars", Monthly Notices of the Royal Astronomical Society, 450, 1900. https://ui.adsabs.harvard.edu/abs/2015MNRAS.450.1900A

237. Damasso M., Gioannini L., Bernagozzi A., Bertolini E., Calcidese P., Carbognani A., Cenadelli D., Christille J.-M., Giacobbe P., Lanteri L., Lattanzi M. G., Smart R., **Sozzetti A.**, (2015): "New Variable Stars Discovered by the APACHE Survey. II. Results After the Second Observing Season", Journal of the American Association of Variable Star Observers (JAAVSO), 43, 25. https://ui.adsabs.harvard.edu/abs/2015JAVSO..43...25D

238. Borsa F., Scandariato G., Rainer M., Bignamini A., Maggio A., Poretti E., Lanza A. F., Di Mauro M. P., Benatti S., Biazzo K., Bonomo A. S., Damasso M., Esposito M., Gratton R., Affer L., Barbieri M., Boccato C., Claudi R. U., Cosentino R., Covino E., Desidera S., Fiorenzano A. F. M., Gandolfi D., Harutyunyan A., Maldonado J., Micela G., Molaro P., Molinari E., Pagano I., Pillitteri I., Piotto G., Shkolnik E., Silvotti R., Smareglia R., Southworth J., **Sozzetti A.**, Stelzer B., (2015): "The GAPS programme with HARPS-N at TNG. VII. Putting exoplanets in the stellar context: magnetic activity and asteroseismology of τ Bootis A", Astronomy and Astrophysics, 578, A64. https://ui.adsabs.harvard.edu/abs/2015A&A...578A..64B

239. Maldonado J., Affer L., Micela G., Scandariato G., Damasso M., Stelzer B., Barbieri M., Bedin L. R., Biazzo K., Bignamini A., Borsa F., Claudi R. U., Covino E., Desidera S., Esposito M., Gratton R., Gonz´alez Hern´andez J. I., Lanza A. F., Maggio A., Molinari E., Pagano I., Perger M., Pillitteri I., Piotto G., Poretti E., Prisinzano L., Rebolo R., Ribas I., Shkolnik E., Southworth J., **Sozzetti A.**, Su´arez Mascaren˜o A., (2015): "Stellar parameters of early-M dwarfs from ratios of spectral features at optical wavelengths", Astronomy and Astrophysics, 577, A132. https://ui.adsabs.harvard.edu/abs/2015A&A...577A.132M

240. **Sozzetti A.**, Bonomo A. S., Biazzo K., Mancini L., Damasso M., Desidera S., Gratton R., Lanza A. F., Poretti E., Rainer M., Malavolta L., Affer L., Barbieri M., Bedin L. R., Boccato C., Bonavita M., Borsa F., Ciceri S., Claudi R. U., Gandolfi D., Giacobbe P., Henning T., Knapic C., Latham D. W., Lodato G., Maggio A., Maldonado J., Marzari F., Martinez Fiorenzano A. F., Micela G., Molinari E., Mordasini C., Nascimbeni V., Pagano I., Pedani M., Pepe F., Piotto G., Santos N., Scandariato G., Shkolnik E., Southworth J., (2015): "The GAPS programme with HARPS-N at TNG. VI. The curious case of TrES-4b", Astronomy and Astrophysics, 575, L15. https://ui.adsabs.harvard.edu/abs/2015A&A...575L..15S

241. Damasso M., Biazzo K., Bonomo A. S., Desidera S., Lanza A. F., Nascimbeni V., Esposito M., Scandariato G., **Sozzetti A.**, Cosentino R., Gratton R., Malavolta L., Rainer M., Gandolfi D., Poretti E., Zanmar Sanchez R., Ribas I., Santos N., Affer L., Andreuzzi G., Barbieri M., Bedin L. R., Benatti S., Bernagozzi A., Bertolini E., Bonavita M., Borsa F., Borsato L., Boschin W., Calcidese P., Carbognani A., Cenadelli D., Christille J. M., Claudi R. U., Covino E., Cunial A., Giacobbe P., Granata V., Harutyunyan A., Lattanzi M. G., Leto G., Libralato M., Lodato G., Lorenzi V., Mancini L., Martinez Fiorenzano A. F., Marzari F., Masiero S., Micela G., Molinari E., Molinaro M., Munari U., Murabito S., Pagano I., Pedani M., Piotto G., Rosenberg A., Silvotti R., Southworth J., (2015): "The GAPS programme with HARPS-N at TNG. V. A comprehensive analysis of the XO-2 stellar and planetary systems", Astronomy and Astrophysics, 575, A111. https://ui.adsabs.harvard.edu/abs/2015A&A...575A.111D

242. Bonomo A. S., **Sozzetti A.**, Santerne A., Deleuil M., Almenara J.-M., Bruno G., D´ıaz R. F., H´ebrard G., Moutou C., (2015): "Improved parameters of seven Kepler giant companions characterized with SOPHIE and HARPS-N", Astronomy and Astrophysics, 575, A85. https://ui.adsabs.harvard.edu/abs/2015A&A...575A..85B

243. Dressing C. D., Charbonneau D., Dumusque X., Gettel S., Pepe F., Collier Cameron A., Latham D. W., Molinari E., Udry S., Affer L., Bonomo A. S., Buchhave L. A., Cosentino R., Figueira P., Fiorenzano A. F. M., Harutyunyan A., Haywood R. D., Johnson J. A., Lopez-Morales M., Lovis C., Malavolta L., Mayor M., Micela G., Motalebi F., Nascimbeni V., Phillips D. F., Piotto G., Pollacco D., Queloz D., Rice K., Sasselov D., S´egransan D., **Sozzetti A.**, Szentgyorgyi A., Watson C., (2015): "The Mass of Kepler-93b and The Composition of Terrestrial Planets", The Astrophysical Journal, 800, 135. https://ui.adsabs.harvard.edu/abs/2015ApJ...800..135D

244. Vanderburg A., Montet B. T., Johnson J. A., Buchhave L. A., Zeng L., Pepe F., Collier Cameron A., Latham D. W., Molinari E., Udry S., Lovis C., Matthews J. M., Cameron C., Law N., Bowler B. P., Angus R., Baranec C., Bieryla A., Boschin W., Charbonneau D., Cosentino R., Dumusque X., Figueira P., Guenther D. B., Harutyunyan A., Hellier C., Kuschnig R., Lopez-Morales M., Mayor M., Micela G., Moffat A. F. J., Pedani M., Phillips D. F., Piotto G., Pollacco D., Queloz D., Rice K., Riddle R., Rowe J. F., Rucinski S. M., Sasselov D., S´egransan D., **Sozzetti A.**, Szentgyorgyi A., Watson C., Weiss W. W., (2015): "Characterizing K2 Planet Discoveries: A Super-Earth Transiting the Bright K Dwarf HIP 116454", The Astrophysical Journal, 800, 59. https://ui.adsabs.harvard.edu/abs/2015ApJ...800...59V

245. Campante T. L., Barclay T., Swift J. J., Huber D., Adibekyan V. Z., Cochran W., Burke C. J., Isaacson H., Quintana E. V., Davies G. R., Silva Aguirre V., Ragozzine D., Riddle R., Baranec C., Basu S., Chaplin W. J., Christensen-Dalsgaard J., Metcalfe T. S., Bedding T. R., Handberg R., Stello D., Brewer J. M., Hekker S., Karoff C., Kolbl R., Law N. M., Lundkvist M., Miglio A., Rowe J. F., Santos N. C., Van Laerhoven C., Arentoft T., Elsworth Y. P., Fischer D. A., Kawaler S. D., Kjeldsen H., Lund M. N., Marcy G. W., Sousa S. G., **Sozzetti A.**, White T. R., (2015): "An Ancient Extrasolar System with Five Sub-Earth-size Planets", The Astrophysical Journal, 799, 170. https://ui.adsabs.harvard.edu/abs/2015ApJ...799..170C

246. Ricker G. R., Winn J. N., Vanderspek R., Latham D. W., Bakos G. A., Bean J. L., Berta-Thompson Z.´ K., Brown T. M., Buchhave L., Butler N. R., Butler R. P., Chaplin W. J., Charbonneau D., ChristensenDalsgaard J., Clampin M., Deming D., Doty J., De Lee N., Dressing C., Dunham E. W., Endl M., Fressin F., Ge J., Henning T., Holman M. J., Howard A. W., Ida S., Jenkins J. M., Jernigan G., Johnson J. A., Kaltenegger L., Kawai N., Kjeldsen H., Laughlin G., Levine A. M., Lin D., Lissauer J. J., MacQueen P., Marcy G., McCullough P. R., Morton T. D., Narita N., Paegert M., Palle E., Pepe F., Pepper J., Quirrenbach A., Rinehart S. A., Sasselov D., Sato B., Seager S., **Sozzetti A.**, Stassun K. G., Sullivan P., Szentgyorgyi A., Torres G., Udry S., Villasenor J., (2015): "Transiting Exoplanet Survey Satellite (TESS)", Journal of Astronomical Telescopes, Instruments, and Systems, 1, 014003. https://ui.adsabs.harvard.edu/abs/2015JATIS...1a4003R

247. Beichman C., Benneke B., Knutson H., Smith R., Lagage P.-O., Dressing C., Latham D., Lunine J., Birkmann S., Ferruit P., Giardino G., Kempton E., Carey S., Krick J., Deroo P. D., Mandell A., Ressler M. E., Shporer A., Swain M., Vasisht G., Ricker G., Bouwman J., Crossfield I., Greene T., Howell S., Christiansen J., Ciardi D., Clampin M., Greenhouse M., **Sozzetti A.**, Goudfrooij P., Hines D., Keyes T., Lee J., McCullough P., Robberto M., Stansberry J., Valenti J., Rieke M., Rieke G., Fortney J., Bean J., Kreidberg L., Ehrenreich D., Deming D., Albert L., Doyon R., Sing D., (2014): "Observations of Transiting Exoplanets with the James Webb Space Telescope (JWST)", Publications of the Astronomical Society of the Pacific, 126, 1134. https://ui.adsabs.harvard.edu/abs/2014PASP..126.1134B

248. Bonomo A. S., **Sozzetti A.**, Lovis C., Malavolta L., Rice K., Buchhave L. A., Sasselov D., Cameron A. C., Latham D. W., Molinari E., Pepe F., Udry S., Affer L., Charbonneau D., Cosentino R., Dressing C. D., Dumusque X., Figueira P., Fiorenzano A. F. M., Gettel S., Harutyunyan A., Haywood R. D., Horne K., Lopez-Morales M., Mayor M., Micela G., Motalebi F., Nascimbeni V., Phillips D. F., Piotto G., Pollacco D., Queloz D., S´egransan D., Szentgyorgyi A., Watson C., (2014): "Characterization of the planetary system Kepler-101 with HARPS-N. A hot super-Neptune with an Earth-sized low-mass companion", Astronomy and Astrophysics, 572, A2. https://ui.adsabs.harvard.edu/abs/2014A&A...572A...2B

249. Rauer H., Catala C., Aerts C., Appourchaux T., Benz W., Brandeker A., Christensen-Dalsgaard J., Deleuil M., Gizon L., Goupil M.-J., Gu¨del M., Janot-Pacheco E., Mas-Hesse M., Pagano I., Piotto G., Pollacco D., Santos C., Smith A., Su´arez J.-C., Szab´o R., Udry S., Adibekyan V., Alibert Y., Almenara J.-M., Amaro-˙ Seoane P., Eiff M. A.-. von ., Asplund M., Antonello E., Barnes S., Baudin F., Belkacem K., Bergemann M., Bihain G., Birch A. C., Bonfils X., Boisse I., Bonomo A. S., Borsa F., Brand˜ao I. M., Brocato E., Brun S., Burleigh M., Burston R., Cabrera J., Cassisi S., Chaplin W., Charpinet S., Chiappini C., Church R. P., Csizmadia S., Cunha M., Damasso M., Davies M. B., Deeg H. J., D´ıaz R. F., Dreizler S., Dreyer C., Eggenberger P., Ehrenreich D., Eigmu¨ller P., Erikson A., Farmer R., Feltzing S., de Oliveira Fialho F., Figueira P., Forveille T., Fridlund M., Garc´ıa R. A., Giommi P., Giuffrida G., Godolt M., Gomes da Silva J., Granzer T., Grenfell J. L., Grotsch-Noels A., Gu¨nther E., Haswell C. A., Hatzes A. P., H´ebrard G., Hekker S., Helled R., Heng K., Jenkins J. M., Johansen A., Khodachenko M. L., Kislyakova K. G., Kley W., Kolb U., Krivova N., Kupka F., Lammer H., Lanza A. F., Lebreton Y., Magrin D., Marcos-Arenal P., Marrese P. M., Marques J. P., Martins

J., Mathis S., Mathur S., Messina S., Miglio A., Montalban J., Montalto M., Monteiro M. J. P. F. G., Moradi H., Moravveji E., Mordasini C., Morel T., Mortier A., Nascimbeni V., Nelson R. P., Nielsen M. B., Noack L., Norton A. J., Ofir A., Oshagh M., Ouazzani R.-M., P´apics P., Parro V. C., Petit P., Plez B., Poretti E., Quirrenbach A., Ragazzoni R., Raimondo G., Rainer M., Reese D. R., Redmer R., Reffert S., Rojas-Ayala B., Roxburgh I. W., Salmon S., Santerne A., Schneider J., Schou J., Schuh S., Schunker H., Silva-Valio A., Silvotti R., Skillen I., Snellen I., Sohl F., Sousa S. G., **Sozzetti A.**, Stello D., Strassmeier K. G., Svanda M., Szab´o G. M., Tkachenko A., Valencia D., Van Grootel V., Vauclair S. D., Ventura P.,ˇ Wagner F. W., Walton N. A., Weingrill J., Werner S. C., Wheatley P. J., Zwintz K., (2014): "The PLATO
2.0 mission", Experimental Astronomy, 38, 249.
https://ui.adsabs.harvard.edu/abs/2014ExA....38..249R

250. Dumusque X., Bonomo A. S., Haywood R. D., Malavolta L., S´egransan D., Buchhave L. A., Collier Cameron A., Latham D. W., Molinari E., Pepe F., Udry S., Charbonneau D., Cosentino R., Dressing C. D., Figueira P., Fiorenzano A. F. M., Gettel S., Harutyunyan A., Horne K., Lopez-Morales M., Lovis C., Mayor M., Micela G., Motalebi F., Nascimbeni V., Phillips D. F., Piotto G., Pollacco D., Queloz D., Rice K., Sasselov D., **Sozzetti A.**, Szentgyorgyi A., Watson C., (2014): "The Kepler-10 Planetary System Revisited by HARPS-N: A Hot Rocky World and a Solid Neptune-Mass Planet", The Astrophysical Journal, 789, 154. https://ui.adsabs.harvard.edu/abs/2014ApJ...789..154D

251. Desidera S., Bonomo A. S., Claudi R. U., Damasso M., Biazzo K., **Sozzetti A.**, Marzari F., Benatti S., Gandolfi D., Gratton R., Lanza A. F., Nascimbeni V., Andreuzzi G., Affer L., Barbieri M., Bedin L. R., Bignamini A., Bonavita M., Borsa F., Calcidese P., Christille J. M., Cosentino R., Covino E., Esposito M., Giacobbe P., Harutyunyan A., Latham D., Lattanzi M., Leto G., Lodato G., Lovis C., Maggio A., Malavolta L., Mancini L., Martinez Fiorenzano A. F., Micela G., Molinari E., Mordasini C., Munari U., Pagano I., Pedani M., Pepe F., Piotto G., Poretti E., Rainer M., Ribas I., Santos N. C., Scandariato G., Silvotti R., Southworth J., Zanmar Sanchez R., (2014): "The GAPS programme with HARPS-N at TNG. IV. A planetary system around XO-2S", Astronomy and Astrophysics, 567, L6. https://ui.adsabs.harvard.edu/abs/2014A&A...567L...6D

252. Damasso M., Bernagozzi A., Bertolini E., Calcidese P., Carbognani A., Cenadelli D., Christille J. M., Giacibbe P., Lanteri L., Lattanzi M. G., Smart R., **Sozzetti A.**, (2014): "New Variable Stars Discovered by the APACHE Survey. I. Results After the First Observing Season", Journal of the American Association of Variable Star Observers (JAAVSO), 42, 99. https://ui.adsabs.harvard.edu/abs/2014JAVSO..42...99D

253. Santos N. C., Mortier A., Faria J. P., Dumusque X., Adibekyan V. Z., Delgado-Mena E., Figueira P., Benamati L., Boisse I., Cunha D., Gomes da Silva J., Lo Curto G., Lovis C., Martins J. H. C., Mayor M., Melo C., Oshagh M., Pepe F., Queloz D., Santerne A., S´egransan D., **Sozzetti A.**, Sousa S. G., Udry S., (2014): "The HARPS search for southern extra-solar planets. XXXV. The interesting case of HD 41248: stellar activity, no planets?", Astronomy and Astrophysics, 566, A35.
https://ui.adsabs.harvard.edu/abs/2014A&A...566A..35S

254. Spitoni E., Matteucci F., **Sozzetti A.**, (2014): "The galactic habitable zone of the Milky Way and M31 from chemical evolution models with gas radial flows", Monthly Notices of the Royal Astronomical Society, 440, 2588. https://ui.adsabs.harvard.edu/abs/2014MNRAS.440.2588S

255. Esposito M., Covino E., Mancini L., Harutyunyan A., Southworth J., Biazzo K., Gandolfi D., Lanza A. F., Barbieri M., Bonomo A. S., Borsa F., Claudi R., Cosentino R., Desidera S., Gratton R., Pagano I., **Sozzetti A.**, Boccato C., Maggio A., Micela G., Molinari E., Nascimbeni V., Piotto G., Poretti E., Smareglia R., (2014): "The GAPS Programme with HARPS-N at TNG. III: The retrograde orbit of HAT-P-18b", Astronomy and Astrophysics, 564, L13. https://ui.adsabs.harvard.edu/abs/2014A&A...564L..13E

256. Wang Y., Jones H. R. A., Smart R. L., Marocco F., Pinfield D. J., Shao Z., Steele I. A., Zhang Z., Andrei A.

H., Burgasser A. J., Cruz K. L., Yu J., Clarke J. R. A., Leigh C. J., **Sozzetti A.**, Murray D. N., Burningham B., (2014): "Parallaxes of Five L Dwarfs with a Robotic Telescope", Publications of the Astronomical Society of the Pacific, 126, 15. https://ui.adsabs.harvard.edu/abs/2014PASP..126...15W

257. **Sozzetti A.**, Giacobbe P., Lattanzi M. G., Micela G., Morbidelli R., Tinetti G., (2014): "Astrometric detection of giant planets around nearby M dwarfs: the Gaia potential", Monthly Notices of the Royal Astronomical Society, 437, 497. https://ui.adsabs.harvard.edu/abs/2014MNRAS.437..497S

258. Marocco F., Andrei A. H., Smart R. L., Jones H. R. A., Pinfield D. J., Day-Jones A. C., Clarke J. R. A., **Sozzetti A.**, Lucas P. W., Bucciarelli B., Penna J. L., (2013): "Parallaxes of Southern Extremely Cool Objects (PARSEC). II. Spectroscopic Follow-up and Parallaxes of 52 Targets", The Astronomical Journal, 146, 161. https://ui.adsabs.harvard.edu/abs/2013AJ....146..161M

259. Benamati L., **Sozzetti A.**, Santos N. C., Latham D. W., (2013): "A Combined Astrometric and Spectroscopic Study of Metal-Poor Binaries", Publications of the Astronomical Society of the Pacific, 125, 1315. https://ui.adsabs.harvard.edu/abs/2013PASP..125.1315B

260. Pepe F., Cameron A. C., Latham D. W., Molinari E., Udry S., Bonomo A. S., Buchhave L. A., Charbonneau D., Cosentino R., Dressing C. D., Dumusque X., Figueira P., Fiorenzano A. F. M., Gettel S., Harutyunyan A., Haywood R. D., Horne K., Lopez-Morales M., Lovis C., Malavolta L., Mayor M., Micela G., Motalebi F., Nascimbeni V., Phillips D., Piotto G., Pollacco D., Queloz D., Rice K., Sasselov D., S´egransan D., **Sozzetti A.**, Szentgyorgyi A., Watson C. A., (2013): "An Earth-sized planet with an Earth-like density", Nature, 503, 377. https://ui.adsabs.harvard.edu/abs/2013Natur.503..377P

261. Smart R. L., Tinney C. G., Bucciarelli B., Marocco F., Abbas U., Andrei A., Bernardi G., Burningham B., Cardoso C., Costa E., Crosta M. T., Dapr´a M., Day-Jones A., Goldman B., Jones H. R. A., Lattanzi M. G., Leggett S. K., Lucas P., Mendez R., Penna J. L., Pinfield D., Smith L., **Sozzetti A.**, Vecchiato A., (2013): "NPARSEC: NTT Parallaxes of Southern Extremely Cool objects. Goals, targets, procedures and first results", Monthly Notices of the Royal Astronomical Society, 433, 2054. https://ui.adsabs.harvard.edu/abs/2013MNRAS.433.2054S

262. Desidera S., **Sozzetti A.**, Bonomo A. S., Gratton R., Poretti E., Claudi R., Latham D. W., Affer L., Cosentino R., Damasso M., Esposito M., Giacobbe P., Malavolta L., Nascimbeni V., Piotto G., Rainer M., Scardia M., Schmid V. S., Lanza A. F., Micela G., Pagano I., Bedin L. R., Biazzo K., Borsa F., Carolo E., Covino E., Faedi F., H´ebrard G., Lovis C., Maggio A., Mancini L., Marzari F., Messina S., Molinari E., Munari U., Pepe F., Santos N., Scandariato G., Shkolnik E., Southworth J., (2013): "The GAPS programme with HARPS-N at TNG. II. No giant planets around the metal-poor star HIP 11952", Astronomy and Astrophysics, 554, A29. https://ui.adsabs.harvard.edu/abs/2013A&A...554A..29D

263. Covino E., Esposito M., Barbieri M., Mancini L., Nascimbeni V., Claudi R., Desidera S., Gratton R., Lanza A. F., **Sozzetti A.**, Biazzo K., Affer L., Gandolfi D., Munari U., Pagano I., Bonomo A. S., Collier Cameron A., H´ebrard G., Maggio A., Messina S., Micela G., Molinari E., Pepe F., Piotto G., Ribas I., Santos N. C., Southworth J., Shkolnik E., Triaud A. H. M. J., Bedin L., Benatti S., Boccato C., Bonavita M., Borsa F., Borsato L., Brown D., Carolo E., Ciceri S., Cosentino R., Damasso M., Faedi F., Mart´ınez Fiorenzano A. F., Latham D. W., Lovis C., Mordasini C., Nikolov N., Poretti E., Rainer M., Rebolo L´opez R., Scandariato G., Silvotti R., Smareglia R., Alcal´a J. M., Cunial A., Di Fabrizio L., Di Mauro M. P., Giacobbe P., Granata V., Harutyunyan A., Knapic C., Lattanzi M., Leto G., Lodato G., Malavolta L., Marzari F., Molinaro M., Nardiello D., Pedani M., Prisinzano L., Turrini D., (2013): "The GAPS programme with HARPS-N at TNG. I. Observations of the Rossiter-McLaughlin effect and characterisation of the transiting system Qatar-1", Astronomy and Astrophysics, 554, A28. https://ui.adsabs.harvard.edu/abs/2013A&A...554A..28C

264. Malbet F., L´eger A., Shao M., Goullioud R., Lagage P.-O., Brown A. G. A., Cara C., Durand G., Eiroa C., Feautrier P., Jakobsson B., Hinglais E., Kaltenegger L., Labadie L., Lagrange A.-M., Laskar J., Liseau R., Lunine J., Maldonado J., Mercier M., Mordasini C., Queloz D., Quirrenbach A., **Sozzetti A.**, Traub W., Absil O., Alibert Y., Andrei A. H.,

Arenou F., Beichman C., Chelli A., Cockell C. S., Duvert G., Forveille T., Garcia P. J. V., Hobbs D., Krone-Martins A., Lammer H., Meunier N., Minardi S., Moitinho de Almeida A., Rambaux N., Raymond S., R¨ottgering H. J. A., Sahlmann J., Schuller P. A., S´egransan D., Selsis F., Surdej J., Villaver E., White G. J., Zinnecker H., (2012): "High precision astrometry mission for the detection and characterization of nearby habitable planetary systems with the Nearby Earth Astrometric Telescope (NEAT)", Experimental Astronomy, 34, 385. https://ui.adsabs.harvard.edu/abs/2012ExA....34..385M

265. Boccaletti A., Schneider J., Traub W., Lagage P.-O., Stam D., Gratton R., Trauger J., Cahoy K., Snik F., Baudoz P., Galicher R., Reess J.-M., Mawet D., Augereau J.-C., Patience J., Kuchner M., Wyatt M., Pantin E., Maire A.-L., V´erinaud C., Ronayette S., Dubreuil D., Min M., Rodenhuis M., Mesa D., Belikov R., Guyon O., Tamura M., Murakami N., Beerer I. M., SPICES Team, Mas M., Rouan D., Perrin G., Lacour S., Th´ebault P., Nguyen N., Ibgui L., Arenou F., Lestrade J. F., N'Diaye M., Dohlen K., Ferrari M., Hugot E., Beuzit J.-L., Lagrange A.-M., Martinez P., Barthelemey M., Mugnier L., Keller C., Marley M., Kalas P., Stapelfeldt K., Brown R., Kane S., Desidera S., **Sozzetti A.**, Mura A., Martin E. L., Bouy H., Allan A., King R., Vigan A., Churcher L., Udry S., Matsuo T., Nishikawa J., Hanot C., Wolf S., Kaltenegger L., Klahr H., Pilat-Lohinger E., (2012): "SPICES: spectro-polarimetric imaging and characterization of exoplanetary systems. From planetary disks to nearby Super Earths", Experimental Astronomy, 34, 355. https://ui.adsabs.harvard.edu/abs/2012ExA....34..355B

266. Tinetti G., Beaulieu J. P., Henning T., Meyer M., Micela G., Ribas I., Stam D., Swain M., Krause O., Ollivier M., Pace E., Swinyard B., Aylward A., van Boekel R., Coradini A., Encrenaz T., Snellen I., Zapatero-Osorio M. R., Bouwman J., Cho J. Y.-K., Coud´e de Foresto V., Guillot T., Lopez-Morales M., Mueller-Wodarg I., Palle E., Selsis F., **Sozzetti A.**, Ade P. A. R., Achilleos N., Adriani A., Agnor C. B., Afonso C., Allende Prieto C., Bakos G., Barber R. J., Barlow M., Batista V., Bernath P., B´ezard B., Bord´e P., Brown L. R., Cassan A., Cavarroc C., Ciaravella A., Cockell C., Coustenis A., Danielski C., Decin L., De Kok R., Demangeon O., Deroo P., Doel P., Drossart P., Fletcher L. N., Focardi M., Forget F., Fossey S., Fouqu´e P., Frith J., Galand M., Gaulme P., Gonz´alez Hern´andez J. I., Grasset O., Grassi D., Grenfell J. L., Griffin M. J., Griffith C. A., Gr¨ozinger U., Guedel M., Guio P., Hainaut O., Hargreaves R., Hauschildt P. H., Heng K., Heyrovsky D., Hueso R., Irwin P., Kaltenegger L., Kervella P., Kipping D., Koskinen T. T., Kov´acs G., La Barbera A., Lammer H., Lellouch E., Leto G., Lopez Morales M., Lopez Valverde M. A., Lopez-Puertas M., Lovis C., Maggio A., Maillard J. P., Maldonado Prado J., Marquette J. B., Martin-Torres F. J., Maxted P., Miller S., Molinari S., Montes D., Moro-Martin A., Moses J. I., Mousis O., Nguyen Tuong N., Nelson R., Orton G. S., Pantin E., Pascale E., Pezzuto S., Pinfield D., Poretti E., Prinja R., Prisinzano L., Rees J. M., Reiners A., Samuel B., S´anchez-Lavega A., Forcada J. S., Sasselov D., Savini G., Sicardy B., Smith A., Stixrude L., Strazzulla G., Tennyson J., Tessenyi M., Vasisht G., Vinatier S., Viti S., Waldmann I., White G. J., Widemann T., Wordsworth R., Yelle R., Yung Y., Yurchenko S. N., (2012): "EChO. Exoplanet characterisation observatory", Experimental Astronomy, 34, 311. https://ui.adsabs.harvard.edu/abs/2012ExA....34..311T

267. Gai M., Vecchiato A., Ligori S., **Sozzetti A.**, Lattanzi M. G., (2012): "Gravitation astrometric measurement experiment", Experimental Astronomy, 34, 165. https://ui.adsabs.harvard.edu/abs/2012ExA....34..165G

268. Torres G., Fischer D. A., **Sozzetti A.**, Buchhave L. A., Winn J. N., Holman M. J., Carter J. A., (2012): "Improved Spectroscopic Parameters for Transiting Planet Hosts", The Astrophysical Journal, 757, 161. https://ui.adsabs.harvard.edu/abs/2012ApJ...757..161T

269. Desidera S., Gratton R., Carolo E., Martinez Fiorenzano A. F., Endl M., Mesa D., Cecconi M., Claudi R., Cosentino R., Scuderi S., **Sozzetti A.**, Zurlo A., (2012): "A long-period massive planet around HD 106515A", Astronomy and Astrophysics, 546, A108. https://ui.adsabs.harvard.edu/abs/2012A&A...546A.108D

270. Giacobbe P., Damasso M., **Sozzetti A.**, Toso G., Perdoncin M., Calcidese P., Bernagozzi A., Bertolini E., Lattanzi M. G., Smart R. L., (2012): "Photometric transit search for planets around cool stars from the western Italian Alps: a pilot study", Monthly Notices of the Royal Astronomical Society, 424, 3101. https://ui.adsabs.harvard.edu/abs/2012MNRAS.424.3101G

271. Robin A. C., Luri X., Reyl´e C., Isasi Y., Grux E., Blanco-Cuaresma S., Arenou F., Babusiaux C., Belcheva M., Drimmel R., Jordi C., Krone-Martins A., Masana E., Mauduit J. C., Mignard F., Mowlavi N., RoccaVolmerange B., Sartoretti P., Slezak E., **Sozzetti A.**, (2012): "Gaia Universe model snapshot. A statistical analysis of the expected contents of the Gaia catalogue", Astronomy and Astrophysics, 543, A100. https://ui.adsabs.harvard.edu/abs/2012A&A...543A.100R

272. Mortier A., Santos N. C., **Sozzetti A.**, Mayor M., Latham D., Bonfils X., Udry S., (2012): "The frequency of giant planets around metal-poor stars", Astronomy and Astrophysics, 543, A45. https://ui.adsabs.harvard.edu/abs/2012A&A...543A..45M

273. Tessenyi M., Ollivier M., Tinetti G., Beaulieu J. P., Coud´e du Foresto V., Encrenaz T., Micela G., Swinyard B., Ribas I., Aylward A., Tennyson J., Swain M. R., **Sozzetti A.**, Vasisht G., Deroo P., (2012): "Characterizing the Atmospheres of Transiting Planets with a Dedicated Space Telescope", The Astrophysical Journal, 746, 45. https://ui.adsabs.harvard.edu/abs/2012ApJ...746...45T

274. Damasso M., Giacobbe P., Toso G., Calcidese P., Bernagozzi A., Bertolini E., **Sozzetti A.**, Lattanzi M. G., Perdoncin M., Smart R., (2011): "New Variable Stars Discovered from the Western Italian Alps I. Observations from Fields 12hr ¡ RA ¡ 24hr", Open European Journal on Variable Stars, 138, 1. https://ui.adsabs.harvard.edu/abs/2011OEJV..138....1D

275. Damasso M., Giacobbe P., Calcidese P., **Sozzetti A.**, Lattanzi M. G., Bernagozzi A., Bertolini E., Smart R. L., (2010): "Photometric Transit Search for Planets around Cool Stars from the Western Italian Alps: A Site Characterization Study", Publications of the Astronomical Society of the Pacific, 122, 1077. https://ui.adsabs.harvard.edu/abs/2010PASP..122.1077D

276. Lammer H., Hanslmeier A., Schneider J., Stateva I. K., Barthelemy M., Belu A., Bisikalo D., Bonavita M., Eybl V., Coud´e du Foresto V., Fridlund M., Dvorak R., Eggl S., Grießmeier J.-M., Gu¨del M., Gu¨nther E., Hausleitner W., Holmstr¨om M., Kallio E., Khodachenko M. L., Konovalenko A. A., Krauss S., Ksanfomality L. V., Kulikov Y. N., Kyslyakova K., Leitzinger M., Liseau R., Lohinger E., Odert P., Palle E., Reiners A., Ribas I., Rucker H. O., Sarda N., Seckbach J., Shematovich V. I., **Sozzetti A.**, Tavrov A., Xiang-Gru¨ß M., (2010): "Exoplanet status report: Observation, characterization and evolution of exoplanets and their host stars", Solar System Research, 44, 290. https://ui.adsabs.harvard.edu/abs/2010SoSyR..44..290L

277. Damasso M., Carbognani A., Calcidese P., Giacobbe P., Bernagozzi A., Bertolini E., Lattanzi M. G., Smart R., **Sozzetti A.**, (2010): "Two new variable stars observed in the field of the extrasolar planet host star WASP-3", Open European Journal on Variable Stars, 0122, 1. https://ui.adsabs.harvard.edu/abs/2010OEJV..122....1D

278. **Sozzetti A.**, Desidera S., (2010): "Hipparcos preliminary astrometric masses for the two close-in companions to HD 131664 and HD 43848. A brown dwarf and a low-mass star", Astronomy and Astrophysics, 509, A103. https://ui.adsabs.harvard.edu/abs/2010A&A...509A.103S

279. Vecchiato A., Gai M., Lattanzi M. G., Crosta M., **Sozzetti A.**, (2009): "Gamma astrometric measurement experiment (GAME) - Science case", Advances in Space Research, 44, 579. https://ui.adsabs.harvard.edu/abs/2009AdSpR..44..579V

280. Barbieri M., Alonso R., Desidera S., **Sozzetti A.**, Martinez Fiorenzano A. F., Almenara J. M., Cecconi M., Claudi R. U., Charbonneau D., Endl M., Granata V., Gratton R., Laughlin G., Loeillet B., EXOPLANET Amateur Consortium, (2009): "Characterization of the HD 17156 planetary system", Astronomy and Astrophysics, 503, 601. https://ui.adsabs.harvard.edu/abs/2009A&A...503..601B

281. **Sozzetti A.**, Torres G., Latham D. W., Stefanik R. P., Korzennik S. G., Boss A. P., Carney B. W., Laird J. B., (2009): "A Keck HIRES Doppler Search for Planets Orbiting Metal-Poor Dwarfs. II. On the Frequency of Giant Planets in the Metal-Poor Regime", The Astrophysical Journal, 697, 544. https://ui.adsabs.harvard.edu/abs/2009ApJ...697..544S

282. **Sozzetti A.**, Torres G., Charbonneau D., Winn J. N., Korzennik S. G., Holman M. J., Latham D. W., Laird J. B., Fernandez J., O'Donovan F. T., Mandushev G., Dunham E., Everett M. E., Esquerdo G. A., Rabus M., Belmonte J. A., Deeg H. J., Brown T. N., Hidas M. G., Baliber N., (2009): "A New Spectroscopic and Photometric Analysis of the Transiting Planet Systems TrES-3 and TrES-4", The Astrophysical Journal, 691, 1145. https://ui.adsabs.harvard.edu/abs/2009ApJ...691.1145S

283. Casertano S., Lattanzi M. G., **Sozzetti A.**, Spagna A., Jancart S., Morbidelli R., Pannunzio R., Pourbaix D., Queloz D., (2008): "Double-blind test program for astrometric planet detection with Gaia", Astronomy and Astrophysics, 482, 699. https://ui.adsabs.harvard.edu/abs/2008A&A...482..699C

284. Kov´acs G., Bakos G. A., Torres G.,´ **Sozzetti A.**, Latham D. W., Noyes R. W., Butler R. P., Marcy G. W., Fischer D. A., Fern´andez J. M., Esquerdo G., Sasselov D. D., Stefanik R. P., P´al A., L´az´ar J., Papp I., S´ari P., (2007): "HAT-P-4b: A Metal-rich Low-Density Transiting Hot Jupiter", The Astrophysical Journal, 670, L41. https://ui.adsabs.harvard.edu/abs/2007ApJ...670L..41K

285. Bakos G. A., Kov´acs G., Torres G., Fischer D. A., Latham D. W., Noyes R. W., Sasselov D. D., Mazeh´ T., Shporer A., Butler R. P., Stefanik R. P., Fern´andez J. M., **Sozzetti A.**, P´al A., Johnson J., Marcy G. W., Winn J. N., Sip˝ocz B., L´az´ar J., Papp I., S´ari P., (2007): "HD 147506b: A Supermassive Planet in an Eccentric Orbit Transiting a Bright Star", The Astrophysical Journal, 670, 826. https://ui.adsabs.harvard.edu/abs/2007ApJ...670..826B

286. Mandushev G., O'Donovan F. T., Charbonneau D., Torres G., Latham D. W., Bakos G. A., Dunham E.´ W., **Sozzetti A.**, Fern´andez J. M., Esquerdo G. A., Everett M. E., Brown T. M., Rabus M., Belmonte J. A., Hillenbrand L. A., (2007): "TrES-4: A Transiting Hot Jupiter of Very Low Density", The Astrophysical Journal, 667, L195. https://ui.adsabs.harvard.edu/abs/2007ApJ...667L.195M

287. Torres G., Bakos G. A., Kov´acs G., Latham D. W., Fern´andez J. M., Noyes R. W., Esquerdo G. A.,´ **Sozzetti A.**, Fischer D. A., Butler R. P., Marcy G. W., Stefanik R. P., Sasselov D. D., L´az´ar J., Papp I., S´ari P., (2007): "HAT-P-3b: A Heavy-Element-rich Planet Transiting a K Dwarf Star", The Astrophysical Journal, 666, L121. https://ui.adsabs.harvard.edu/abs/2007ApJ...666L.121T

288. **Sozzetti A.**, Torres G., Charbonneau D., Latham D. W., Holman M. J., Winn J. N., Laird J. B., O'Donovan F. T., (2007): "Improving Stellar and Planetary Parameters of Transiting Planet Systems: The Case of TrES2", The Astrophysical Journal, 664, 1190. https://ui.adsabs.harvard.edu/abs/2007ApJ...664.1190S

289. Holman M. J., Winn J. N., Latham D. W., O'Donovan F. T., Charbonneau D., Torres G., **Sozzetti A.**, Fernandez J., Everett M. E., (2007): "The Transit Light Curve (TLC) Project. VI. Three Transits of the Exoplanet TrES-2", The Astrophysical Journal, 664, 1185. https://ui.adsabs.harvard.edu/abs/2007ApJ...664.1185H

290. O'Donovan F. T., Charbonneau D., Bakos G. A., Mandushev G., Dunham E. W., Brown T. M., Latham D.´ W., Torres G., **Sozzetti A.**, Kov´acs G., Everett M. E., Baliber N., Hidas M. G., Esquerdo G. A., Rabus M., Deeg H. J., Belmonte J. A., Hillenbrand L. A., Stefanik R. P., (2007): "TrES-3: A Nearby, Massive, Transiting Hot Jupiter in a 31 Hour Orbit", The Astrophysical Journal, 663, L37. https://ui.adsabs.harvard.edu/abs/2007ApJ...663L..37O

291. O'Donovan F. T., Charbonneau D., Mandushev G., Dunham E. W., Latham D. W., Torres G., **Sozzetti A.**, Brown T. M., Trauger J. T., Belmonte J. A., Rabus M., Almenara J. M., Alonso R., Deeg H. J., Esquerdo G. A., Falco E. E., Hillenbrand L. A., Roussanova A., Stefanik R. P., Winn J. N., (2006): "TrES-2: The First Transiting Planet in the Kepler Field", The Astrophysical Journal, 651, L61. https://ui.adsabs.harvard.edu/abs/2006ApJ...651L..61O

292. **Sozzetti A.**, Torres G., Latham D. W., Carney B. W., Stefanik R. P., Boss A. P., Laird J. B., Korzennik S. G., (2006): "A Keck HIRES Doppler Search for Planets Orbiting Metal-Poor Dwarfs. I. Testing Giant Planet Formation and Migration Scenarios", The Astrophysical Journal, 649, 428. https://ui.adsabs.harvard.edu/abs/2006ApJ...649..428S

293. **Sozzetti A.**, Yong D., Carney B. W., Laird J. B., Latham D. W., Torres G., (2006): "Chemical Composition of the Planet-harboring Star TrES-1", The Astronomical Journal, 131, 2274. https://ui.adsabs.harvard.edu/abs/2006AJ....131.2274S

294. **Sozzetti A.**, Udry S., Zucker S., Torres G., Beuzit J. L., Latham D. W., Mayor M., Mazeh T., Naef D., Perrier C., Queloz D., Sivan J.-P., (2006): "A massive planet to the young disc star HD 81040", Astronomy and Astrophysics, 449, 417. https://ui.adsabs.harvard.edu/abs/2006A&A...449..417S

295. **Sozzetti A.**, (2005): "Astrometric Methods and Instrumentation to Identify and Characterize Extrasolar Planets: A Review", Publications of the Astronomical Society of the Pacific, 117, 1021. https://ui.adsabs.harvard.edu/abs/2005PASP..117.1021S

296. Charbonneau D., Allen L. E., Megeath S. T., Torres G., Alonso R., Brown T. M., Gilliland R. L., Latham D. W., Mandushev G., O'Donovan F. T., **Sozzetti A.**, (2005): "Detection of Thermal Emission from an Extrasolar Planet", The Astrophysical Journal, 626, 523. https://ui.adsabs.harvard.edu/abs/2005ApJ...626..523C

297. **Sozzetti A.**, (2005): "Observational tests of the formation, migration, and evolution processes of gas giant planets", Ph.D. Thesis, 4862. https://ui.adsabs.harvard.edu/abs/2005PhDT.....21S

298. **Sozzetti A.**, Yong D., Torres G., Charbonneau D., Latham D. W., Allende Prieto C., Brown T. M., Carney B. W., Laird J. B., (2004): "High-Resolution Spectroscopy of the Transiting Planet Host Star TrES-1", The Astrophysical Journal, 616, L167. https://ui.adsabs.harvard.edu/abs/2004ApJ...616L.167S

299. **Sozzetti A.**, (2004): "On the possible correlation between the orbital periods of extrasolar planets and the metallicity of the host stars", Monthly Notices of the Royal Astronomical Society, 354, 1194. https://ui.adsabs.harvard.edu/abs/2004MNRAS.354.1194S

300. Alonso R., Brown T. M., Torres G., Latham D. W., **Sozzetti A.**, Mandushev G., Belmonte J. A., Charbonneau D., Deeg H. J., Dunham E. W., O'Donovan F. T., Stefanik R. P., (2004): "TrES-1: The Transiting Planet of a Bright K0 V Star", The Astrophysical Journal, 613, L153. https://ui.adsabs.harvard.edu/abs/2004ApJ...613L.153A

301. **Sozzetti A.**, Casertano S., Brown R. A., Lattanzi M. G., (2003): "Narrow-Angle Astrometry with the Space Interferometry Mission: The Search for Extrasolar Planets. II. Detection and Characterization of Planetary Systems", Publications of the Astronomical Society of the Pacific, 115, 1072. https://ui.adsabs.harvard.edu/abs/2003PASP..115.1072S

302. **Sozzetti A.**, Casertano S., Brown R. A., Lattanzi M. G., (2002): "Narrow-Angle Astrometry with the Space Interferometry Mission: The Search for Extrasolar Planets. I. Detection and Characterization of Single Planets",

Publications of the Astronomical Society of the Pacific, 114, 1173. https://ui.adsabs.harvard.edu/abs/2002PASP..114.1173S

303. **Sozzetti A.**, Casertano S., Lattanzi M. G., Spagna A., (2001): "Detection and measurement of planetary systems with GAIA", Astronomy and Astrophysics, 373, L21. https://ui.adsabs.harvard.edu/abs/2001A&A...373L..21S

304. Lattanzi M. G., Spagna A., **Sozzetti A.**, Casertano S., (2000): "Space-borne global astrometric surveys: the hunt for extrasolar planets", Monthly Notices of the Royal Astronomical Society, 317, 211. https://ui.adsabs.harvard.edu/abs/2000MNRAS.317..211L

305. **Sozzetti A.**, Spagna A., Lattanzi M. G., (1998): "Measuring Planets with GAIA", Earth Moon and Planets, 81, 103. https://ui.adsabs.harvard.edu/abs/1998EM&P...81..103S

Atti di Convegni:

1. C. Reyl´e, K. Jardine, P. Fouqu´e, J. A. Caballero, R. L. Smart, & **A. Sozzetti**
"The 10 parsec sample in the Gaia era: first update", *The 21th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun*, Eds. A. S. Brun, J. Bouvier, P. Petit,

2. C. Reyl´e, K. Jardine, P. Fouqu´e, J. A. Caballero, R. L. Smart, & **A. Sozzetti**
"The 10 parsec sample in the Gaia era: first update", *The 21th Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun*, Eds. A. S. Brun, J. Bouvier, P. Petit, id.218 (2022) https://ui.adsabs.harvard.edu/abs/2022csss.confE.218R/abstract

3. Murphy, M. T.; Molaro, P.; Schmidt, T. M.; Martins, C. J. A. P.; da Fonseca, V.; Milakovic, D.; Cupani, G.; Cristiani, S.; D'Odorico, V.; Barreiro, T.; G´enova Santos, R.; Leite, A. C. O.; Marques, C. M. J.; Nunes, N. J.; Pepe, F. A.; Rebolo, R.; Santos, N. C.; Sousa, S. G.; Zapatero Osorio, M.-R.; Amate, M.; Adibekyan, V.; Alibert, Y.; Allende Prieto, C.; Baldini, V.; Benz, W.; Bouchy, F.; Cabral, A.; Dekker, H.; Di Marcantonio, P.;
Ehrenreich, D.; Figueira, P.; Gonz´alez Hern´andez, J. I.; Landoni, M.; Lovis, C.; Lo Curto, G.; Manescau, A.; M´egevand, D.; Mehner, A.; Micela, G.; Pasquini, L.; Poretti, E.; Riva, M.; **Sozzetti, A.**; Su´arez Mascaren˜o, A.; Udry, S.; & Zerbi, F.
"ESPRESSO Probes the Fine-structure Constant", *ESO The Messenger*, 188, 15 (2022) https://ui.adsabs.harvard.edu/abs/2022Msngr.188...15M/abstract

4. F. Malbet, L. Labadie, **A. Sozzetti**, G. A. Mamon, M. Shao, R. Goullioud, A. L´eger, M. Gai, A. Riva, D. Busonero, T. L´epine, M. Lizzana, A. Brandeker, & E. Villaver
"Theia : science cases and mission profiles for high precision astrometry in the future", Proc. SPIE, 12180, id. 121801F (2022) https://ui.adsabs.harvard.edu/abs/2022SPIE12180E..1FM/abstract

5. D. Barbato, A.S. Bonomo, **A. Sozzetti**, & R. Morbidelli
"Revised estimates of the frequency of Earth-like planets in the Kepler field", Proc. IAU Symp. 348, in press (2019) http://ui.adsabs.harvard.edu/abs/2018arXiv181108249B/abstract

6. R. Claudi, S. Benatti, I. Carleo, A. Ghedina, J. Guerra, F. Ghinassi, A. Harutyunyan, G. Micela, E. Molinari, E. Oliva, M. Rainer, A. Tozzi, C. Baffa, A. Baruffolo, V. Biliotti, N. Buchschacher, M. Cecconi, R. Cosentino, G. Falcini, D. Fantinel, L. Fini, E. Giani, E. Gonzalez Alvarez, M. Gonzalez, C. Gonzalez, R. Gratton, N. Hernandez, M. Iuzzolino, M. Lodi, L. Malavolta, J. Maldonado, L. Origlia, A. Puglisi, N. Sanna, J. San Juan, S. Scuderi, U. Seemann, **A. Sozzetti**, M. Sozzi, H. Perez Ventura, M. Hernandez Diaz, A. Galli, C. Gonzalez, L. Riverol, & C. Riverol
"GIARPS: commissioning and first scientific results", Proc. SPIE 10702, id 107020Z (2018) http://ui.adsabs.harvard.edu/abs/2018SPIE10702E..0ZC/abstract

7. M. Rainer, A. Harutyunyan, I. Carleo, E. Oliva, S. Benatti, A. Bignamini, R. Claudi, E. Gonzalez-Alvarez, N. Sanna, A. Ghedina, G. Micela, E. Molinari, A. Tozzi, C. Baffa, A. Baruffolo, V. Biliotti, N. Buchschacher, M. Cecconi, R. Cosentino, G. Falcini, D. Fantinel, L. Fini, A. Galli, F. Ghinassi, E. Giani, C. Gonzalez, M. Gonzalez, R. Gratton, J. Guerra, M. Hernandez Diaz, N. Hernandez, M. Iuzzolino, M. Lodi, L. Malavolta, J. Maldonado, L. Origlia, H. Perez Ventura, A. Puglisi, C. Riverol, L. Riverol, J. San Juan, S. Scuderi, U. Seemann, **A. Sozzetti**, & M. Sozzi "Introducing GOFIO: a DRS for the GIANO-B near-infrared spectrograph", Proc. SPIE 10702, id. 1070266 (2018) http://ui.adsabs.harvard.edu/abs/2018SPIE10702E..66R/abstract

8. A. Harutyunyan, M. Rainer, N. Hernandez, E. Oliva, J. Guerra, M. Lodi, J. San Juan, A. Bignamini, A. Ghedina, F. Ghinassi, E. Molinari, S. Benatti, I. Carleo, R. Claudi, G. Micela, A. Tozzi, C. Baffa, A. Baruffolo, V. Biliotti, N. Buchschacher, M. Cecconi, R. Cosentino, G. Falcini, D. Fantinel, L. Fini, A. Galli, E. Giani, C. Gonzalez, E. Gonzalez-Alvarez, M. Gonzalez, R. Gratton, M. Hernandez Diaz, M. Iuzzolino, L. Malavolta, J. Maldonado, L. Origlia, E. Poretti, H. Perez Ventura, A. Puglisi, C. Riverol, L. Riverol, N. Sanna, S. Scuderi,
U. Seeman, **A. Sozzetti**, & M. Sozzi
"GIANO-B Online Data Reduction Software at the TNG", Proc. SPIE 10706, id. 1070642 (2018) http://ui.adsabs.harvard.edu/abs/2018SPIE10706E..42H/abstract

9. U. Abbas, B. Bucciarelli, M.G. Lattanzi, M. Crosta, M. Gai, R.L. Smart, **A. Sozzetti**, & A. Vecchiato
"The Differential Astrometric Reference Frame on short timescales in the Gaia Era", Proc. IAU Symp. 330, 79 (2018) http://ui.adsabs.harvard.edu/abs/2018IAUS..330...79A/abstract

10. **Sozzetti A.**
"Gaia and exoplanets: a revolution in the making", Proc. SPIE 10400, Techniques and Instrumentation for Detection of Exoplanets VIII, 104001E (2017) http://ui.adsabs.harvard.edu/abs/2017SPIE10400E. .1ES/abstract

11. S. Benatti, R.Claudi, S. Desidera, R. Gratton, A.F. Lanza, G. Micela, I. Pagano, G. Piotto, **A. Sozzetti**, C. Boccato, R. Cosentino, E. Covino, A. Maggio, E. Molinari, E. Poretti, R. Smareglia, the GAPS Team
"The GAPS Project: First Results", Proceeding of the Conference: Frontier Research in Astrophysics - II, Mondello (Palermo), 23-28 May 2016
https://ui.adsabs.harvard.edu/abs/2016frap.confE..69B/abstract

12. F. Malbet, A. L´eger, G. Anglada Escud´e, **A. Sozzetti**, D. Spolyar, L. Labadie, M. Shao, B. Holl, R. Goullioud, A. Crouzier, C. Boehm & A. Krone-Martins
"Microarcsecond astrometric observatory Theia: from dark matter to compact objects and nearby earths", *Proc. SPIE*, 9904, id. 99042F (2016) http://ui.adsabs.harvard.edu/abs/2016SPIE.9904E..2FM/abstract

13. J. R. Crepp, J. Crass, D. King, A. Bechter, E. Bechter, R. Ketterer, R. Reynolds, P. Hinz, D. Kopon, D. Cavalieri, L. Fantano, C. Koca, E. Onuma, K. Stapelfeldt, J. Thomes, S. Wall, S. Macenka, J. McGuire, R. Korniski, L. Zugby, J. Eisner, B. S. Gaudi, F. Hearty, K. Kratter, M. Kuchner, G. Micela, M. Nelson, I. Pagano, A. Quirrenbach, C. Schwab, M. Skrutskie, **A. Sozzetti**, C. E. Woodward, & B. Zhao
"iLocater: a diffraction-limited Doppler spectrometer for the Large Binocular Telescope", *Proc. SPIE*, 9908, id. 990819 (2016) http://ui.adsabs.harvard.edu/abs/2016SPIE.9908E..19C/abstract

14. Claudi R., Benatti S., Carleo I., Ghedina A., Molinari E., Oliva E., Tozzi A., Baruffolo A., Cecconi M., Cosentino R., Fantinel D., Fini L., Ghinassi F., Gonzalez M., Gratton R., Guerra J., Harutyunyan A., Hernandez N., Iuzzolino M., Lodi M., Malavolta L., Maldonado J., Micela G., Sanna N., Sanjuan J., Scuderi S., **Sozzetti A.**, Perez Ventura H., Diaz Marcos H., Galli A., Gonzalez C., Riverol L., & Riverol C.
"GIARPS: the unique VIS-NIR high precision radial velocity facility in this world", *Proc. SPIE*, 9908, id. 99081A (2016) http://ui.adsabs.harvard.edu/abs/2016SPIE.9908E..1AC/abstract

15. J. M. Christille, A. S. Bonomo, F. Borsa, D. Busonero, P. Calcidese, R. Claudi, M. Damasso, P. Giacobbe, E. Molinari, E. Pace, A. Riva, **A. Sozzetti**, G. Toso, & D. Tresoldi
"SIOUX project: a simultaneous multiband camera for exoplanet atmospheres studies", *Proc. SPIE*, 9908, id. 990857 (2016) http://ui.adsabs.harvard.edu/abs/2016SPIE.9908E..57C/abstract

16. E. Poretti, C. Boccato, R. Claudi, R. Cosentino, E. Covino, S. Desidera, R. Gratton, A.F. Lanza, A. Maggio, G. Micela, E. Molinari, I. Pagano, G. Piotto, R. Smareglia, **A. Sozzetti**, and the whole GAPS collaboration "Global Architecture of Planetary Systems (GAPS), a project for the whole Italian Community", Mem. SAIt,

87, 141 (2016) http://ui.adsabs.harvard.edu/abs/2016MmSAI..87..141P/abstract

17. **A. Sozzetti**, M. Bonavita, S. Desidera, R. Gratton, & M.G. Lattanzi "Gaia: The Astrometry Revolution", Proc. IAU Symp. 314, 264 (2016) http://ui.adsabs.harvard.edu/abs/2016IAUS..314..264S/abstract

18. **A. Sozzetti**
"Gaia: Status and Promises", European Planetary Science Congress, id.EPSC2015-907 (2015) https://ui.adsabs.harvard.edu/abs/2015EPSC...10..907S/abstract

19. A. S. Bonomo, S. Desidera, M. Damasso, A. F. Lanza, A. Sozzetti, S. Benatti, F. Borsa, S. Crespi, and the GAPS team
"Structure and evolution of transiting giant planets: a Bayesian homogeneous determination of orbital and physical parameters", Proc. Colloquium 'Twenty years of giant exoplanets', Observatoire de Haute Provence, France, October 5-9, 2015. I. Boisse, O. Demangeon, F. Bouchy & L. Arnold eds. (2015) http://ui.adsabs.harvard.edu/abs/2015tyge.conf...37B/abstract

20. T. L. Campante, T. Barclay, J. J. Swift, D. Huber, V. Zh. Adibekyan, W. Cochran, C. J. Burke, H. Isaacson, E. V. Quintana, G. R. Davies, V. Silva Aguirre, D. Ragozzine, R. Riddle, C. Baranec, S. Basu, W. J. Chaplin, J. Christensen-Dalsgaard, T. S. Metcalfe, T. R. Bedding, R. Handberg, D. Stello, J. M. Brewer, S. Hekker, C. Karoff, R. Kolb, N. M. Law, M. Lundkvist, A. Miglio, J. F. Rowe, N. C. Santos, C. Van Laerhoven, T. Arentoft, Y. P. Elsworth, D. A. Fischer, S. D. Kawaler, H. Kjeldsen, M. N. Lund, G. W. Marcy, S. G. Sousa, **A. Sozzetti**, & T. R. White
"KOI-3158: The oldest known system of terrestrial-size planets", Proceedings of "The Space Photometry Revolution", CoRoT Symposium 3, Kepler KASC-7 Joint Meeting, EPJ Web of Conferences, 101, id. 02004 (2015) http://ui.adsabs.harvard.edu/abs/2015EPJWC.10102004C/abstract

21. A. S. Bonomo, A. Sozzetti, C. Lovis, L. Malavolta, K. Rice, X. Dumusque, A. C. Cameron, D. W. Latham, E. Molinari, F. Pepe, S. Udry, & the HARPS-N Science Team
"Characterization of small planets with Kepler and HARPS-N ", Proceedings of "The Space Photometry Revolution", CoRoT Symposium 3, Kepler KASC-7 Joint Meeting, EPJ Web of Conferences, 101, id. 06011 (2015) http://ui.adsabs.harvard.edu/abs/2015EPJWC.10106011B/abstract

22. R. Silvotti, **A. Sozzetti**, M.G. Lattanzi, & R. Morbidelli
"Detectability of sub-stellar companions around white dwarfs with Gaia", Proceedings of "EUROWD14", 19th European White Dwarf Workshop, The Astronomical Society of the Pacific Conference Series, 493, 455 (2015) http://ui.adsabs.harvard.edu/abs/2015ASPC..493..455S/abstract

23. **A. Sozzetti**
"Exoplanets with Gaia: Synergies in the Making", EAS Publication Series, 67, 93 (2014) https://ui.adsabs.harvard.edu/abs/2014EAS....67...93S/abstract

24. L. Benamati, V. Adibekyan, N.C. Santos, & **A. Sozzetti**
"Exoplanets: Gaia And the Importance of Ground Based Spectroscopy Follow-Up", EAS Publication Series, 67, 101 (2014) https://ui.adsabs.harvard.edu/abs/2014EAS....67..101B/abstract

25. G. R. Ricker, J. N. Winn, R. Vanderspek, D. W. Latham, G. A. Bakos, J. L. Bean, Z. K. Berta-Thompson, T. M. Brown, L. Buchhave, N. R. Butler, R. P. Butler, W. J. Chaplin, D. Charbonneau, J. ChristensenDalsgaard, M. Clampin, D. Deming, J. Doty, N. De Leen, C. Dressing, E. W. Dunham, M. Endl, F. Fressin, J. Ge, T. Henning, M. J. Holman, A. W. Howard, S. Ida, J. Jenkins, G. Jernigan, J. A. Johnson, L. Kaltenegger, N. Kawai, H. Kjeldsen, G. Laughlin, A. M. Levine, D. Lin, J. J. Lissauer, P. MacQueen, G. Marcy, P. R. McCullough, T. D. Morton, N. Narita, M. Paegert, E. Palle, F. Pepe, J. Pepper, A. Quirrenbach, S. A. Rinehart, D. Sasselov, B. Sato, S. Seager, **A. Sozzetti**, K. G. Stassun, P. Sullivan, A. Szentgyorgyi, G. Torres, S. Udry, & J. Villasenor
"The Transiting Exoplanet Survey Satellite", *Proc. SPIE*, 9143, id. 914320 (2014) http://ui.adsabs.harvard.edu/abs/2014SPIE.9143E..20R/abstract

26. Bechter E., Bechter A., Crepp J. R., Berg M., Carroll J., Collins K., Corpuz T. Ketterer R., Kielb E., Stoddard R., Eisner J., Gaudi B. S., Hinz P., Kratter K., Micela G., Quirrenbach A., Skrutskie M., **Sozzetti A.**, Woodward C. E., & Zhao B.

"The iLocater Doppler Spectrometer", Proceedings of the Conference "Search for Life Beyond the Solar System. Exoplanets, Biosignatures & Instruments", International Journal of Astrobiology (2014) http://ui.adsabs.harvard.edu/abs/2014ebi..confP3.65B/abstract

27. Benatti S., Claudi R. U., Erculiani, M. S., Rubio A. G., Borsa F., Bonavita M., Desidera S., Gratton R., Lanza A. F., Maggio A., Micela G., Pagano I., Piotto G., Poretti E., & **Sozzetti A.**
"Search for spectral features in transiting planets with GAPS project", Proceedings of the Conference "Search for Life Beyond the Solar System. Exoplanets, Biosignatures & Instruments", International Journal of Astrobiology (2014) http://ui.adsabs.harvard.edu/abs/2014ebi..confP2.24B/abstract

28. H.R.A. Jones, D. Henry, R. Thomson, D.T. Reid, E. Oliva, A. Reiners, G. Anglada-Escud´e, R. Mendez, J.S. Jenkins, J.R. Barnes, M. Tuomi, C.J. Evans, W. Taylor, M. Riva, L. Origlia, R. Smart, L. Nicastro, **A. Sozzetti**, R. Nelson, R. Saglia, C. Haswell, A. Holland, Z. Zhang, W.Chaplin, Y. Elsworth, A. Miglio, P. Hauschildt, M. Burleigh, D. Pollaco, K. Rice, M. Konacki, A. Niedzielski, D. Homeier, A. Andrei, J. Penna, R. Teixeira, Z.-H. Tang, Z. Qi, J. Rayner, S. Aigrain, & P. Petit
"Photonic Spectrograph for new Technology Telescope (PSTT)", Proceedings of the GREAT-ESF workshop "Gaia and the unseen - the brown dwarf question", eds R. Smart, D. Barrado, J. Faherty, Mem. SAIt, 85, 814 (2014) http://sait.oat.ts.astro.it/MSAIt850414/index.html

29. **Sozzetti A.**
"Gaia, Non-Single Stars, Brown Dwarfs, and Exoplanets", Proceedings of the GREAT-ESF workshop "Gaia and the unseen - the brown dwarf question", eds R. Smart, D. Barrado, J. Faherty, Mem. SAIt, 85, 643 (2014)
http://ui.adsabs.harvard.edu/abs/2014MmSAI..85..643S/abstract

30. **Sozzetti, A.**; Bernagozzi, A. ; Bertolini, E. ; Calcidese, P. ; Carbognani, A. ; Cenadelli, D. ; Christille, J. -M. ; Damasso, M. ; Giacobbe, P. ; Lanteri, L. ; Lattanzi, M. G. ; Smart, R. L. "Small-size Transiting Planets Around Low-Mass Stars: The APACHE Project", European Planetary Science Congress, id.EPSC2014-824 (2014) https://ui.adsabs.harvard.edu/abs/2014EPSC....9..824S/abstract

31. M. Gai, A. Vecchiato, A. Riva, M.G. Lattanzi, **A. Sozzetti**, M.T. Crosta, & D. Busonero
"Astrometric Tests of General Relativity in the Solar System", Proceedings IC-MSQUARE 2013, Journal of Physics Conference Series, 490, 012240 (2014) http://iopscience.iop.org/1742-6596/490/1

32. **Sozzetti, A.**; Desidera, S. s ; Bonomo, A. S. ; Gratton, R. ; Boccato, C. search by orcid ; Claudi, R. ; Cosentino, R. ; Covino, E. ; Lanza, A. F. ; Maggio, A. ; Micela, G. ; Molinari, E. ; Pagano, I. ; Piotto, G. ; Poretti, E. ; Smareglia, R. "The GAPS Programme with HARPS-NTNG: A Search for Additional Planets in Transiting Planet Systems", European Planetary Science Congress, id.EPSC2013-940 (2013) https://ui.adsabs.harvard.edu/abs/2013EPSC....8..940S/abstract

33. **Sozzetti, A.**; Barbieri, M. ; Bonomo, A. ; Waldmann, I. ; Danielski, C. ; Tessenyi, M. ; Tinetti, G. ; Damasso, M. ; Claudi, R. "Probing the Atmospheres of the Hottest Planets", European Planetary Science Congress, id.EPSC2013-937 (2013) https://ui.adsabs.harvard.edu/abs/2013EPSC....8..937S/abstract

34. Gettel, S. ; Pepe, F. ; Collier Cameron, A. ; Latham, D. ; Molinari, E.; Udry, S. ; Charbonneau, D. ; L´opezMorales, M. ; Lovis, C. ; Micela, G.; Philips, D.; Piotto, G. ; Pollacco, D. ; Queloz, D.; Rice, K. ; Sasselov, D. ; S´egransan, D. ; **Sozzetti, A.**; Szentgyorgyi, A. ; Mayor, M. ; and Harps-N Collaborators "Correcting Astrophysical Noise in HARPS-N RV Measurements", Protostars and Planets VI, Poster #2K024 (2013) https://ui.adsabs.harvard.edu/abs/2013prpl.conf2K024G/abstract

35. **A. Sozzetti**, A. Bernagozzi, E. Bertolini, P. Calcidese, A. Carbognani, D. Cenadelli, J.M. Christille, M. Damasso, P. Giacobbe, L. Lanteri, M.G. Lattanzi, & R. Smart "The APACHE Project", EPJ Web of Conferences, 47, 03006 (2013)
http://ui.adsabs.harvard.edu/abs/2013EPJWC..4703006S/abstract

36. J.M. Christille, A. Bernagozzi, E. Bertolini, P. Calcidese, A. Carbognani, D. Cenadelli, M. Damasso, P. Giacobbe, L. Lanteri, M.G. Lattanzi, **A. Sozzetti**, & R. Smart

"The APACHE Survey Hardware and Software Design: Tools for an Automatic Search of Small-size Transiting Exoplanets", EPJ Web of Conferences, 47, 17001 (2013) http://ui.adsabs.harvard.edu/abs/2013EPJWC..4717001C/abstract

37. **Sozzetti A.**
"The Gaia Exoplanet Discovery Potential", EPJ Web of Conferences, 47, 15005 (2013) http://ui.adsabs.harvard.edu/abs/2013EPJWC..4715005S/abstract

38. R. Cosentino, C. Lovis, F. Pepe, A. Collier Cameron, D. Latham, E. Molinari, S. Udry, N. Bezawada, M. Black, A. Born, N. Buchschacher, D. Charbonneau, P. Figueira, M. Fleury, A. Galli, A. Gallie, X. Gao, A. Ghedina, C. Gonzalez, M. Gonzalez, J. Guerra, D. Henry, K. Horne, I. Hughes, D. Kelly, M. Lodi, D. Lunney, C. Maire, M. Mayor, G. Micela, M. P. Ordway, J. Peacock, D. Phillips, G. Piotto, D. Pollacco, D. Queloz, K. Rice, C. Riverol, L. Riverol, J. San Juan, D. Sasselov, D. Segransan, **A. Sozzetti**, D. Sosnowska, B. Stobie, A. Szentgyorgyi, & A. Vick
"HARPS-N: the new planet hunter at TNG", Proc. *SPIE*, 8846, 1V (2012) http://ui.adsabs.harvard.edu/abs/2012SPIE.8446E..1VC/abstract

39. Swinyard, B., Tinetti, G., Eccleston, P., Adriani, A., Beaulieu, J.-P., Belenguer Davila, T., Bowles, N., Bryson, I., Coud´e du Foresto, V., Ferlet, M., Hartogh, P., Lagage, P.-O., Lim, T., Malaguti, G., L´opezMorales, M., Micela, G., Morgante, G., N¨ırgaard-Nielsen, H. U., Ollivier, M., Pace, E., Pascale, E., Piccioni, G., Ramos Zapata, G., Reess, J.-M., Ribas, I., **Sozzetti, A.**, Tennyson, J., Tessenyi, M., Swain, M. R., Winter, B., Waldmann, I., Wright, G., Zapatero Osorio, M.-R., & Coustenis, A.
"An integrated payload design for the Exoplanet Characterisation Observatory (EChO)", Proc *SPIE*, 8842, 1G (2012)
http://ui.adsabs.harvard.edu/abs/2012SPIE.8442E..1GS/abstract

40. **Sozzetti A.**
"Astrometry and Exoplanet Characterization: Gaia and Its Pandora's Box", Proc. *IMCCE*, ISBN 2-910015-64-5, 25 (2012) http://ui.adsabs.harvard.edu/abs/2012ocpd.conf...25S/abstract

41. **Sozzetti A.**
"On the Synergy Between Gaia and Transit Surveys", EPSC 2012, held in Barcelona, Spain (2012) http://ui.adsabs.harvard.edu/abs/2012espc.conf..764S/abstract

42. Giacobbe P., Damasso M., **Sozzetti A.**, Christille J. M., Cenadelli, D., Lanteri, L., Calcidese, P., Bernagozzi, A,; Bertolini, E., Lattanzi, M. G., & Smart, R.
"Photometric transit search for planets around cool stars from the western Italian Alps: The APACHE survey", EPSC 2012, held in Barcelona, Spain (2012) http://ui.adsabs.harvard.edu/abs/2012espc.conf..755G/abstract

43. **Sozzetti, A.**, Tinetti, G., Lattanzi, M. G., Micela, G., Morbidelli, R., & Giacobbe, P.
"Surveying Nearby M dwarfs with Gaia: A Treasure Trove for Exoplanet Astrophysics", EPSC-DPS Joint Meeting 2011, held 2-7 October 2011 in Nantes, France, 1071 http://ui.adsabs.harvard.edu/abs/2011epsc.conf.1071S/abstract

44. Tessenyi, M., Ollivier, M., Tinetti, G., Beaulieu, J. P., Coud´e Du Foresto, V., Encrenaz, T., Micela, G., Swinyard, B., Ribas, I., Aylward, A., Tennyson, J., Swain, M. R., **Sozzetti, A.**, Vasisht, G., & Deroo, P.
"Characterising the Atmospheres of Transiting Planets with a Dedicated Space Telescope", EPSC-DPS Joint Meeting 2011, held 2-7 October 2011 in Nantes, France, 1655 http://ui.adsabs.harvard.edu/abs/2011epsc.conf.1655T/abstract

45. **Sozzetti, A.**, Giacobbe, P., Lattanzi, M. G., Micela, G., & Tinetti, G.
"The Gaia Astrometric Survey of Nearby M Dwarfs: A Treasure Trove for Exoplanet Astrophysics", American Astronomical Society, ESS Meeting #2, #41.01 http://ui.adsabs.harvard.edu/abs/2011ESS.....2.4101S/abstract

46. Tessenyi, M., Ollivier, M., Tinetti, G., Beaulieu, J. P., Coud´e Du Foresto, V., Encrenaz, T., Micela, G., Swinyard, B., Ribas, I., Aylward, A., Tennyson, J., Swain, M. R., **Sozzetti, A.**, Vasisht, G., & Deroo, P.
"Characterising Super Earths With The EChO Spacemission Concept", American Astronomical Society, ESS Meeting #2, #29.06 http://ui.adsabs.harvard.edu/abs/2011ESS.....2.2906T/abstract

47. Torres, G., Carter, J. A., Winn, J. N., Holman, M. J., Fischer, D., & **Sozzetti A.**

"A New and Expanded Homogeneous Analysis of Extrasolar Transiting Planets", *Bulletin of the American Astronomical Society*, 43, 2011 (2011) https://ui.adsabs.harvard.edu/abs/2011AAS...21734303T/abstract

48. Torres, G., Fischer, D. A.; **Sozzetti, A.**, Buchhave, L. A., Winn, J. N., Holman, M. J., & Carter, J. A.
"Spectroscopic Parameters of the Host Stars of Transiting Planets", American Astronomical Society, ESS Meeting #2, #19.06 http://ui.adsabs.harvard.edu/abs/2011ESS.....2.1903T/abstract

49. R. Silvotti, **A. Sozzetti**, & M.G. Lattanzi
"White Dwarf Planets From Gaia", AIP Conference Proceedings, 1331, 336 (2011) http://ui.adsabs.harvard.edu/abs/2011AIPC.1331..336S/abstract

50. M. Gai, A. Vecchiato, **A. Sozzetti**, S. Ligori, & M.G. Lattanzi
"Gravitation Astrometric Measurement Experiment", Proc. IAU Symp. 276, 535 (2011) http://ui.adsabs.harvard.edu/abs/2011IAUS..276..535G/abstract

51. M. Damasso, A. Bernagozzi, E. Bertolini, P. Calcidese, P. Giacobbe, M. G. Lattanzi, M. Perdoncin, **A. Sozzetti**, R. Smart, & G. Toso
"A microvariability study of nearby M dwarfs from the Western Italian Alps: status update", Proc. IAU Symp. 276, 525 (2011)
http://ui.adsabs.harvard.edu/abs/2011IAUS..276..525D/abstract

52. G. Tinetti, J. Y-K. Cho,, C. A. Griffith, O. Grasset, L. Grenfell, T. Guillot, T. T. Koskinen, J. I. Moses, D. Pinfield, J. Tennyson, M. Tessenyi, R. Wordsworth, A. Aylward, R. van Boekel, A. Coradini, T. Encrenaz, I. Snellen, M. R. Zapatero-Osorio, J. Bouwman, V. Coud´e du Foresto, M. Lopez-Morales, I. Mueller-Wodarg, E. Pall´e, F. Selsis, **A. Sozzetti**, J.-P. Beaulieu, T. Henning, M. Meyer, G. Micela, I. Ribas,, D. Stam, M.
Swain, O. Krause, M. Ollivier, E. Pace, B. Swinyard, & the EChO Consortium
"The science of EChO", Proc. IAU Symp. 276, 359 (2011)
http://ui.adsabs.harvard.edu/abs/2011IAUS..276..359T/abstract

53. **A. Sozzetti**
"Astrometry and Exoplanets: The Gaia Era, and Beyond", EAS Publication Series, 45, 273 (2010) http://ui.adsabs.harvard.edu/abs/2010EAS....45..273S/abstract

54. **Sozzetti A.**, Torres G., Latham D.W., Carney B.W., Stefanik R.P., Boss A.P., Laird J.B., & Korzennik S.G. "On the Frequency of Giant Planets in the Metal-Poor Regime", in *Chemical Abundances in the Universe Connecting First Stars to Planets*, Proc. IAU Symposium 265, 416 (2010) http://ui.adsabs.harvard.edu/abs/2010IAUS..265..416S/abstract

55. R. Silvotti, **A. Sozzetti**, & M.G. Lattanzi
"White Dwarf Planets From Gaia", AIP Conference Proceedings, 1273, 456 (2010) http://ui.adsabs.harvard.edu/abs/2010AIPC.1273..456S/abstract

56. Lattanzi M.G., & **Sozzetti A.**
"Gaia and the Astrometry of Giant Planets", *ASP Conference Series*, 430, 253 (2010)
http://ui.adsabs.harvard.edu/abs/2010ASPC..430..253L/abstract

57. **Sozzetti A.**, Afonso C., Alonso R., Blank D., Catala C., Deeg H., Grenfell L., Hellier C., Latham D.W., Minniti D., Pont F., & Rauer H.
"Blue-Dots Team Transits Working Group Review", *ASP Conference Series*, 430, 45 (2010) http://ui.adsabs.harvard.edu/abs/2010ASPC..430...45S/abstract

58. Malbet F., **Sozzetti A.**, Launhardt R., Lazorenko P., Segransan D., Muterspaugh M., Elias N., Quirrenbach A., Reffert S., Delplancke F., & van Belle G.
"Detecting and Characterizing Extrasolar Planetary Systems with Astrometry: Review from the Blue Dots Astrometry Working Group", *ASP Conference Series*, 430, 84 (2010) http://ui.adsabs.harvard.edu/abs/2010ASPC..430...84M/abstract

59. Damasso M., Giacobbe P., Bernagozzi A., Bertolini E., Lattanzi M.G., Smart R., & **Sozzetti A.**

"A Photometric Transit Search for Planets Around Cool Stars from the Italian Alps: Results from a Feasibility Study ", *ASP Conference Series*, 430, 420 (2010) http://ui.adsabs.harvard.edu/abs/2010ASPC..430..420D/abstract

60. Boccaletti A., **Sozzetti A.**, Schneider J., Baudoz P., & Tinetti G.
"The SEE-COAST Concept". Summary of an invited talk given at Special Session 6 (Planetary Systems as Potential Sites for Life) of the XXVIIth IAU General Assembly held in Rio de Janeiro (Brazil). *IAU Highlights of Astronomy*, 15, 718 (2010) http://ui.adsabs.harvard.edu/abs/2010HiA....15..718B/abstract

61. **Sozzetti A.**
"Characterizing Planet Habitability with μas Astrometry: Gaia, and Beyond", *European Planetary Science Congress 2010*, 894 (2010) http://ui.adsabs.harvard.edu/abs/2010epsc.conf..894S/abstract

62. **Sozzetti A.**
"The Gaia Astrometric Census of Planetary Systems", *European Planetary Science Congress 2010*, 517 (2010) http://ui.adsabs.harvard.edu/abs/2010epsc.conf..517S/abstract

63. Lattanzi, M.G., **Sozzetti A.**, & Casertano S.
"From Gaia to SIM-Lite: Terrestrial Planet Detection with μas Astrometry", *Memorie della Societ`a Astronomica Italiana*, 14, 169 (2010)
http://ui.adsabs.harvard.edu/abs/2010MSAIS..14..169L/abstract

64. **Sozzetti A.**, Torres G., Latham D.W., Carney B.W., Stefanik R.P., Boss A.P., Laird J.B., & Korzennik S.G.
"The Keck Metal-Poor Planet Search. On the Frequency of Giant Planets in the Metal-Poor Regime", *Memorie della Societ`a Astronomica Italiana*, 14, 173 (2010) http://ui.adsabs.harvard.edu/abs/2010MSAIS..14..173S/abstract

65. **Sozzetti A.**
"Detection and Characterization of Planetary Systems with μas Astrometry", in Extrasolar Planets in MultiBody Systems: Theory and Observations, *EAS Publication Series*, 42, 55 (2010) http://ui.adsabs.harvard.edu/abs/2010EAS....42...55S/abstract

66. W.A. Traub, C. Beichman, A.F. Boden, A.P. Boss, S. Casertano, J. Catanzarite, D. Fischer, E. B. Ford, A. Gould, S. Halverson, A. Howard, N.J. Kasdin, G.P. Laughlin, H.F. Levison, D.N.C. Lin, V. Makarov, J. Marr, M. Muterspaugh, S.N. Raymond, D. Savransky, M. Shao, **A. Sozzetti**, & C. Zhai
"Detectability of Earth-Like Planets in Multi-Planet Systems: Preliminary Report", in Extrasolar Planets in Multi-Body Systems: Theory and Observations, *EAS Publication Series*, 42, 191 (2010) http://ui.adsabs.harvard.edu/abs/2010EAS....42..191T/abstract

67. **Sozzetti A.**
"The Gaia Astrometric Survey", Summary of an invited talk given at Special Session 6 (Planetary Systems as Potential Sites for Life) of the XXVIIth IAU General Assembly held in Rio de Janeiro (Brazil), *IAU Highlights of Astronomy*, 15, 716 (2010) http://ui.adsabs.harvard.edu/abs/2010HiA....15..716S/abstract

68. Rambaux N., Couedtic J., Laskar J., & **Sozzetti A.**
"Determination of Planetary Systems With Gaia", *Proc. SF2A 2009*, 73 (2009)
http://ui.adsabs.harvard.edu/abs/2009sf2a.conf...73R/abstract

69. **Sozzetti A.**, Latham D.W., Torres G., Carney B.W., Laird J.B., Stefanik R.P., Boss A.P., Charbonneau D., O'Donovan F.T., Holman M.J., & Winn J.N.
"Probing Structural and Evolutionary Properties of Exoplanets", *Memorie della Societ`a Astronomica Italiana*, 80, 318 (2009) http://ui.adsabs.harvard.edu/abs/2009MmSAI..80..318S/abstract

70. Lattanzi M.G., Casertano S., & **Sozzetti A.**
"The SIM-RV DBT Campaign: Some Lessons Learned", *Bulletin of the American Astronomical Society*, 41, 268 (2009) http://ui.adsabs.harvard.edu/abs/2009AAS...21330006L/abstract

71. Vecchiato A., Gai M., Lattanzi M.G., Crosta M.T., & **Sozzetti A.**

"Gamma Astrometric Measurement Experiment (GAME) - Science Case", in 37th COSPAR Scientific Assembly, p. 3303 (2008) http://ui.adsabs.harvard.edu/abs/2008cosp...37.3303V/abstract

72. **Sozzetti A.**, Casertano S., Lattanzi M.G., Spagna A., Morbidelli R., Pannunzio R., Pourbaix D., & Queloz D.
"Testing Planet Formation Models with Gaia μas Astrometry'", in *A Giant Step: from Milli- to Microarcsecond Astrometry*, Proc. IAU Symp. 248, 256 (2008) http://ui.adsabs.harvard.edu/abs/2008IAUS..248..256S/abstract

73. **Sozzetti A.**, Latham D.W., Torres G., Carney B.W., Laird J.B., Stefanik R.P., Boss A.P., Charbonneau D., O'Donovan F.T., Holman M.J., & J.N. Winn
"Observational Tests of Planet Formation Models", in *Exoplanets: Detection, Formation, and Dynamics*, Proc. IAU Symp. 249, 261 (2008) http://ui.adsabs.harvard.edu/abs/2008IAUS..249..261S/abstract

74. **Sozzetti A.**, Torres G., Latham D.W., Carney B.W., Stefanik R.P., Boss A.P., Laird J.B., & Korzennik S.G. "A Keck HIRES Doppler Search for Planets Orbiting Metal-Poor Dwarfs. II. On the Frequency of Giant Planets in the Metal-Poor Regime", *Bulletin of the American Astronomical Society*, 38, 1213 (2006) http://ui.adsabs.harvard.edu/abs/2006AAS...20922605S/abstract
75. **Sozzetti A.**, Yong D., Carney B.W., Laird J.B., Latham D.W.,& Torres G.
"Chemical Composition of the Planet-Harboring Star TrES-1", *Bulletin of the American Astronomical Society*, 37, 1292 (2005) http://ui.adsabs.harvard.edu/abs/2005AAS...207.7703S/abstract

76. Lattanzi M.G., Casertano S., Jancart S., Morbidelli R., Pannunzio R., Pourbaix D., **Sozzetti A.**, & Spagna A.
"Detection and Characterization of Extra-Solar Planets with Gaia", Proc. *The Three-Dimensional Universe with Gaia*, *ESA SP*-576, 251 (2005) http://ui.adsabs.harvard.edu/abs/2005ESASP.576..251L/abstract

77. **Sozzetti A.**, Latham D.W., Torres G., Stefanik R.P., Boss A.P., Carney B.W., & Laird J.B.
"A Keck/HIRES Doppler Search for Planets Orbiting Metal-Poor Dwarfs", Proc. *The Three-Dimensional Universe with Gaia*, *ESA SP*-576, 309 (2005) http://ui.adsabs.harvard.edu/abs/2005ESASP.576..309S/abstract

78. **Sozzetti A.**, Latham D.W., Torres G., Stefanik R.P., Boss A.P., Carney B.W., & Laird J.B.
"A Keck/HIRES Doppler Search for Planets Orbiting Metal-Poor Dwarfs", *Bulletin of the American Astronomical Society*, 36, 772 (2004) http://ui.adsabs.harvard.edu/abs/2004AAS...204.6201S/abstract

79. **Sozzetti A.**, Latham D.W., Torres G., Stefanik R.P., Boss A.P., Carney B.W., & Laird J.B.
"When Do Planets Form? A Search for Extrasolar Planets Around Metal-Poor Stars", in *XIXth IAP Symposium - Extrasolar Planets: Today and Tomorrow*, Ed. J.-P. Beaulieu, A. Lecavelier des Etangs and C. Terquem, *ASP Conference Series*, 321, 107 (2004) http://ui.adsabs.harvard.edu/abs/2004ASPC..321..107S/abstract

80. **Sozzetti A.**, Casertano S., Lattanzi M.G., & Spagna A.
"The GAIA Astrometric Survey of the Solar Neighborhood and its Contribution to the Target Database for DARWIN/TPF", in *Toward Other Earths: DARWIN/TPF and the Search for Extrasolar Terrestrial Planets*, *ESA SP*-539, 605 (2003) http://ui.adsabs.harvard.edu/abs/2003ESASP.539..605S/abstract

81. **Sozzetti A.**, Latham D.W., Torres G., Stefanik R.P., Boss A.P., Carney B.W., & Laird J.B.
"When Do Planets Form? The Search for Extrasolar Planets Around Metal-Poor Stars", *Bulletin of the American Astronomical Society*, 35, 748 (2003) http://ui.adsabs.harvard.edu/abs/2003AAS...202.3403S/abstract

82. Brown R.A., Burrows C.J., Casertano S., Clampin M., Ebbets D., Ford E.B., Jucks K.W., Kasdin N.J., Kilston S., Kuchner M.J., Seager S., **Sozzetti A.**, Spergel D.N., Traub W.A., Trauger J.T., & Turner E.L. "The 4-Meter Space Telescope for Investigating Extrasolar Earth-like Planets in Starlight: TPF is HST2", in *Future EUV and UV Visible Space Astrophysics Missions and Instrumentation*, Ed. J. C. Blades & O. H. Siegmund, Proc. *SPIE*, 4854, 95 (2003) http://ui.adsabs.harvard.edu/abs/2003SPIE.4854...95B/abstract

83. Lattanzi M.G., Casertano S., **Sozzetti A.**, & Spagna A.
"The GAIA Astrometric Survey of Extra-Solar Planets", Proc. *GAIA: A European Space Project*, Ed. O. Bienaym´e & C. Turon (EDP Sciences), *EAS Publication Series*, 2, 207 (2002) http://ui.adsabs.harvard.edu/abs/2002EAS.....2..207L/abstract

84. Lattanzi M.G., **Sozzetti A.**, & Spagna A.
"Extra-solar Planets with GAIA", Proc. *From Extra-solar Planets to Cosmology: The VLT Opening Symposium*, Ed J. Bergeron & A. Renzini (Berlin: Springer-Verlag), 479 (2000)
http://ui.adsabs.harvard.edu/abs/2000fepc.conf..479L/abstract

85. Casertano S., & **Sozzetti A.**
"The Detection of Extra-solar Planets with SIM", Proc. *"Working on the fringe", an International Conference on Optical and IR Interferometry from Ground and Space*, Ed. S. Unwin & R. Stachnik, *ASP Conference Series*, 194, 171 (1999)
http://ui.adsabs.harvard.edu/abs/1999ASPC..194..171C/abstract

86. Lattanzi M.G., Spagna A., **Sozzetti A.**, & Casertano S.
"GAIA and the Hunt for Extra-solar Planets", Proc. *HIPPARCOS Symposium '97*, Ed. P. L. Bernacca & M. A. C. Perryman, *ESA SP*-402, 755 (1997) http://ui.adsabs.harvard.edu/abs/1997ESASP.402..755L/abstract

Libri (Contributi e Curatela):

1. **A. Sozzetti**
Gaia Mission (Entry), in "Encyclopedia of Astrobiology", pp, 621-625, Gargaud, M., Cernicharo, J., Viso, M., Cleaves II, H.J., Pinti, D., Amils, R., & Irvine, W.M. editors, Springer-Verlag (2011) https://link.springer.com/referenceworkentry/10.1007/978-3-642-11274-4_612

2. **A. Sozzetti**, M.G. Lattanzi, & A.P. Boss, Editors
"The Astrophysics of Planetary Systems: Formation, Structure, and Dynamical Evolution". IAU Symposium Vol. 276. Cambridge, UK: Cambridge University Press http://ui.adsabs.harvard.edu/abs/2011IAUS..276.....S/abstract

3. Anderson J., Benedict F., Brown A., Capitaine N., Fomalant E., Ghez A., Girard T., Glindemann A., Horch E., Howell S., Klioner S., Lindegren L., L´opez C., Majewski S., Mignard F., Nun˜ez J., Perryman M.A.C., Platais I., Pourbaix D., Rabinowitz D., Schroeder, D., **Sozzetti A.**, Stavinschi M., van Altena W., Wallace P., & Zacharias N.
Extrasolar Planets (Chapter), in "Astrometry for Astrophysics: Methods, Models, and Applications", W. van Altena editor, Cambridge University Press (2012)
https://ui.adsabs.harvard.edu/abs/2012aamm.book..379S/abstract

4. **A. Sozzetti**
Gaia Mission (Entry), in "Encyclopedia of Astrobiology", pp. 907-912, Gargaud, M., Irvine, W.M., Amils, R., Cleaves II, H.J., Pinti, D.L., Cernicharo, J., Rouan, D., Spohn, T., Tirard, S., & Viso, M. editors, Springer-Verlag (2015) https://ui.adsabs.harvard.edu/abs/2015enas.book.1075S/abstract2

5. V. Bozza, L. Mancini, & **A. Sozzetti**, Editors
"Methods of Detecting Exoplanets: 1st Advanced School on Exoplanetary Science", Astrophysics and Space Science Library, Springer International Publishing Switzerland (2016)
http://ui.adsabs.harvard.edu/abs/2016ASSL..428.....B/abstract

6. V. Bozza, L. Mancini, & **A. Sozzetti**, Editors
"Aatrophysics of Exoplanetary Atmospheres: 2nd Advanced School on Exoplanetary Science", Astrophysics and Space Science Library, Springer International Publishing Switzerland (2018)
http://ui.adsabs.harvard.edu/abs/2018ASSL..450.....B/abstract

7. K. Biazzo, V. Bozza, L. Mancini, & **A. Sozzetti**, Editors
"Demographics of Exoplanetary Systems: 3nd Advanced School on Exoplanetary Science", Astrophysics and Space Science Library, Springer International Publishing Switzerland (2022) https://ui.adsabs.harvard.edu/abs/2022ASSL..466.....B/abstract

8. F. Malbet, **A. Sozzetti**
"Astrometry as an Exoplanet Discovery Method", in 'Handbook of Exoplanets", Deeg H., Belmonte J. (eds), Springer International Publishing AG (2018), id. 196.

http://ui.adsabs.harvard.edu/abs/2018haex.bookE.196M/abstract

9. **A. Sozzetti**, J. de bruijne
"Space Astrometry Missions for Exoplanet Science: Gaia and the Legacy of Hipparcos", in 'Handbook of Exoplanets", Deeg H., Belmonte J. (eds), Springer International Publishing AG (2018), id. 81. http://ui.adsabs.harvard.edu/abs/2018haex.bookE..81S/abstract

Note e Documenti Tecnici, Progress Reports (Missioni Spaziali):

- Gaia Mission:

1. N. Hambly, R. Andrae, F. De Angeli, ..., **A. Sozzetti**, ... (105 authors)
"Gaia DR3 documentation Chapter 20: Datamodel description", *release 1.1*, (2022) https://ui.adsabs.harvard.edu/abs/2022gdr3.reptE..20H/abstract

2. D. Pourbaix, F. Arenou, P. Gavras, E. Gosset, J.-L. Halbwachs, C. Siopis,´ **A. Sozzetti**, N. Bauchet, Y. Damerdji, L. Delchambre, J.-B. Delisle, P. Giacobbe, B. Holl, A. Jorissen, M.G. Lattanzi, N. Leclerc, T. Morel, G. Sadowski, J. Sahlmann, & D. S´egransan
"Gaia DR3 documentation Chapter 7: Non-single stars", *release 1.1*, (2022)
https://ui.adsabs.harvard.edu/abs/2022gdr3.reptE...7P/abstract

3. F. van Leeuwen, J. de Brujine, C. Babusiaux, ..., **A. Sozzetti**, ... (205 authors) "Gaia DR3 documentation", *release 1.1*, (2022) https://ui.adsabs.harvard.edu/abs/2022gdr3.reptE....V/abstract

- Gaia Mission (Soggetti a Non-Disclosure Agreement)

1. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Carnerero Martin M.I., Castellani M., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Licata E., Morbidelli R., Martino M., Raiteri C.M., Ripepi V., Riva A., Smart R., **Sozzetti A.**, Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase and Data Analysis Activities", *Technical Note* GAIA-PR-OATo-0029 (2022)

2. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Carnerero Martin M.I., Castellani M., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Licata E., Morbidelli R., Martino M., Raiteri C.M., Ripepi V., Riva A., Smart R., **Sozzetti A.**, Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase and Data Analysis Activities", *Technical Note* GAIA-PR-OATo-0028 (2022)

3. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Carnerero Martin M.I., Castellani M., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Licata E., Morbidelli R., Martino M., Pulone L., Raiteri C.M., Ripepi V., Riva A., Smart R., **Sozzetti A.**, Vallenari A., & Vecchiato A. "Progress Report for the Italian participation in Gaia DPAC - Operations Phase and Data Analysis Activities", *Technical Note* GAIA-PR-OATo-0027 (2022)

4. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Carnerero Martin M.I., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Raiteri C.M., Ripepi V., Riva A., Smart R., **Sozzetti A.**, Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase and Data Analysis Activities", *Technical Note* GAIA-PR-OATo-0026 (2021)

5. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Carnerero Martin M.I., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Raiteri C.M., Ripepi V., Riva A., Smart R., **Sozzetti A.**, Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase and Data Analysis Activities", *Technical Note* GAIA-PR-OATo-0025 (2020)

6. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Carnerero Martin M.I., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Raiteri C.M., Ripepi V., Riva A., Smart R., **Sozzetti A.**, Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase and Data Analysis Activities", *Technical Note* GAIA-PR-OATo-0024 (2020)

7. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Carnerero Martin M.I., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Raiteri C.M., Ripepi V., Riva A., Smart R., **Sozzetti A.**, Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase and Data Analysis Activities", *Technical Note* GAIA-PR-OATo-0023 (2019)

8. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., Smart R., **Sozzetti A.**, Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase and Data Analysis Activities", *Technical Note* GAIA-PR-OATo-0022 (2019)

9. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., Smart R., **Sozzetti A.**, Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase and Data Analysis Activities", *Technical Note* GAIA-PR-OATo-0021 (2018)

10. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase", *Technical Note* GAIAPR-OATo-0020 (2018)

11. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Cellino A., Clementini G., Crosta M., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., **Sozzetti A.**, Dell'Oro A., Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase", *Technical Note* GAIAPR-OATo-0019 (2017)

12. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase", *Technical Note* GAIAPR-OATo-0018 (2017)

13. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase", *Technical Note* GAIAPR-OATo-0017 (2016)

14. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase", *Technical Note* GAIAPR-OATo-0016 (2016)

15. Lattanzi M.G., Drimmel R., Sarasso M., Bellazzini M., Busonero D., Cellino A., Clementini G., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase", *Technical Note* GAIAPR-OATo-0015 (2015)

16. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase", *Technical Note* GAIAPR-OATo-0014 (2015)

17. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Crosta M., Dell'Oro A., Lanzafame A., Morbidelli R., Martino M., Pulone L., Ripepi V., Riva A., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC - Operations Phase", *Technical Note* GAIAPR-OATo-0013 (2014)

18. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Crosta M., Dell'Oro A., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC Continuation", *Technical Note* GAIA-PR-OATo0012 (2014)

19. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Crosta M., Dell'Oro A., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC Continuation", *Technical Note* GAIA-PR-OATo0011 (2013)

20. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Crosta M., Dell'Oro A., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC Continuation", *Technical Note* GAIA-PR-OATo0010 (2013)

21. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Crosta M., Dell'Oro A., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC Continuation", *Technical Note* GAIA-PR-OATo0009 (2012)

22. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Crosta M., Dell'Oro A., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC Continuation", *Technical Note* GAIA-PR-OATo0008 (2012)

23. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Crosta M., Dell'Oro A., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC Continuation", *Technical Note* GAIA-PR-OATo0007 (2011)

24. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Crosta M., Dell'Oro A., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC Continuation", *Technical Note* GAIA-PR-OATo0006 (2011)

25. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Gardiol D., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for the Italian participation in Gaia DPAC Continuation", *Technical Note* GAIA-PR-OATo0005 (2011)

26. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Gardiol D., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Final Report. The Italian participation in Gaia DPAC", *Technical Note* GAIA-PR-OATo-0004 (2010)

27. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Gardiol D., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"PM4 Progress Report for the Italian participation in Gaia DPAC", *Technical Note* GAIA-PR-OATo-0003 (2010)

28. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Gardiol D., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"PM3 Progress Report for the Italian participation in Gaia DPAC", *Technical Note* GAIA-PR-OATo-0002 (2009)

29. Lattanzi M.G., Drimmel R., Sarasso M., Busonero D., Cacciari C., Cellino A., Gardiol D., Lanzafame A., Martino M., Pulone L., Ripepi V., **Sozzetti A.**, Spagna A., Vallenari A., & Vecchiato A.
"Progress Report for PM2 for the Italian participation in Gaia DPAC", *Technical Note* GAIA-PR-OATo-0001 (2008)

30. **Sozzetti A.**, Holl B., Giacobbe P.
"DU 437 Software Release Note 21.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-039-1 (2022)

31. **Sozzetti A.**, Holl B., Giacobbe P.
"DU 437 Software Release Note 20.17", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO038-1 (2021)

32. **Sozzetti A.**, Holl B., Giacobbe P.
"DU 437 Software Release Note 20.16", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO037-1 (2021)

33. **Sozzetti A.**, Holl B., Giacobbe P.
"DU 437 Software Release Note 20.15", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO036-1 (2021)

Sozzetti A.

34. , Holl B., Giacobbe P.
"DU 437 Software Release Note 20.14", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO035-1 (2021)

35. **Sozzetti A.**, Holl B.
"DU 437 Software Release Note 20.13", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO034-1 (2020)

36. **Sozzetti A.**, Holl B.
"DU 437 Software Release Note 20.12", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO033-1 (2020)

37. **Sozzetti A.**, Holl B.
"DU 437 Software Release Note 20.11", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO032-1 (2020)

38. **Sozzetti A.**, Holl, B.
"DU 437 Software Release Note 20.10", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO031-1 (2020)

39. **Sozzetti A.**
"DU 437 Software Release Note 20.9", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-030-1 (2020)

40. **Sozzetti A.**, Holl B., Giacobbe P., S´egransan D.
"DU 437 Software Release Note 20.8", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-029-1 (2020)

41. **Sozzetti A.**
"DU 437 Software Release Note 20.7", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-02801 (2019)

42. **A. Sozzetti**, M.G. Lattanzi, D. Barbato, & P. Giacobbe
"DU437 MIKS-MCMC performance assessment. I. Single Planets in the GOG-RDS-10-D Simulation", *Gaia Livelink Technical Note*, ref. code GAIA-C4-TN-INAF-ASO-027 (2019)

43. **Sozzetti A.**
"DU 437 Software Release Note 20.6", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-026-1 (2019)

44. **Sozzetti A.**, Barbato D., Holl B., S´egransan, D.
"DU 437 Software Release Note 20.5", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-025-1 (2018)

45. **A. Sozzetti**, M.G. Lattanzi, D. Barbato, & P. Giacobbe
"Initial performance assessment of DU437 module for fitting astrometric orbits using MIKS-MCMC", *Gaia Livelink Technical Note*, ref. code GAIA-C4-TN-INAF-ASO-024-1 (2018)

46. **Sozzetti A.**, Holl B.
"DU 437 Software Release Note 20.4", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-023-1 (2017)

47. **Sozzetti A.**
"DU 437 Software Release Note 20.3", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-022-1 (2017)

48. **Sozzetti A.**

Sozzetti A.
"DU 437 Software Release Note 20.2", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-021-1 (2016)

49. **Sozzetti A.**
"DU 437 Software Release Note 20.1", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-020-1 (2016)

50.
"DU 437 Software Release Note 20.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-019-1 (2016)

51. **Sozzetti A.**
"DU 437 Software Release Note 18.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-017-1 (2015)

52. **Sozzetti A.**
"DU 437 Software Release Note 18.1", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-018-1 (2015)

53. **Sozzetti A.**
"DU 437 Software Release Note 16.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-016-1 (2014)

54. **Sozzetti A.**
"DU 437 Software Release Note 15.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-015-1 (2013)

55. **Sozzetti A.**
"DU 437 Software Release Note 14.1", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-014-1 (2013)

56. **Sozzetti A.**
"DU 437 Software Release Note 14.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-013-1 (2013)

57. **Sozzetti A.**
"DU 437 Software Release Note 13.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-012-1 (2012)

58. **Sozzetti A.**
"DU 437 Software Release Note 12.1", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-011-1 (2012)

59. **Sozzetti A.**
"DU 437 Software Release Note 12.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-010-1 (2012)

60. **Sozzetti A.**
"DU 437 Software Release Note 10.2", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-009-1 (2011)

61. **Sozzetti A.**
"DU 437 Software Release Note 10.1", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-008-1 (2011)

62. **Sozzetti A.**
"DU 437 Software Release Note 10.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-007-1 (2011)

Sozzetti A.

63. **Sozzetti A.**
"DU 437 Software Release Note 8.2", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-006-1 (2010)

64. **Sozzetti A.**
"DU 437 Software Release Note 7.2", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-005-1 (2009)

65. **Sozzetti A.**
"DU 437 Software Release Note 7.0", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-004-1 (2009)

66.
"DU 437 Software Release Note 6.0" *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-003-1 (2009)

67. Gai M., Lattanzi M.G., Ligori S., Vecchiato A., Loreggia D., Crosta M.T., & **Sozzetti A.**
"GAMES - Gamma Astrometric Measurement Experiment Study", *OATo Technical Note* 105 (2008)

68. **Sozzetti A.**
"Multiple Exoplanet Systems in the Gaia Universe Model", *Gaia Livelink Technical Note*, ref. code GAIAC2-TN-OATO-ASO-009-1 (2008)

69. **Sozzetti A.**, Segransan D., & Rambaux N.
"Software Design Description for DU437 (Extrasolar Planets)", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-002-01 (2008)

70. **Sozzetti A.**, Segransan D., & Rambaux N.
"Software Requirement Specifications for DU437 (Extrasolar Planets)", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-INAF-ASO-001-02 (2008)

71. **Sozzetti A.**, Lattanzi M.G., Gai M., Ligori S., Smart, R., Desidera S., Gratton R., Jones H.R.A., Pinfield D., Calcidese P., Bernagozzi A., & Damasso M.
"A PAthway Towards the Characterization of Habitable Earths - APACHE", *OATo Technical Note* 110 (2008)

72. Gai M., Lattanzi M.G., Ligori S., Vecchiato A., Loreggia D., Crosta M.T., & **Sozzetti A.**
"GAMES - Gamma Astrometric Measurement Experiment Study", *OATo Technical Note* 105 (2008)

73. Arenou F., Halbwachs J.-L., Pourbaix D., Siopis C., & **Sozzetti A.**
"Simulation Requirements for CU4 Non-Single Star Processing - Cycle 3", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-OPM-FA-047.2 (2007)

74. **Sozzetti A.**
"Simulations of Planetary Systems in the Gaia Universe Model", *Gaia Livelink Technical Note*, ref. code GAIA-C2-TN-OATO-ASO-008-1 (2007)

75. Arenou F., Bernstein H.-H., Halbwachs J.-L., & **Sozzetti A.**
"Simulation Requirements for CU4 Non-Single Star Processing - Cycle 2", *Gaia Livelink Technical Note*, ref. code GAIA-C4-SP-OPM-FA-001.1 (2006)

76. Casertano S., Lattanzi M.G., Morbidelli R., Pannunzio R., Spagna A., Pourbaix D., & **Sozzetti A.**
"Double-blind tests program for astrometric planet detection with Gaia. Final Report: results for test T3", *Gaia Livelink Technical Note*, ref. code PSWG-OAT-005 (2006)

77. Casertano S., Lattanzi M.G., Morbidelli R., Pannunzio R., Spagna A., Pourbaix D., & **Sozzetti A.**
"Double-blind tests program for astrometric planet detection with Gaia. Progress Report III: results for test T2", *Gaia Livelink Technical Note*, ref. code PSWG-OAT-004 (2005)

78. Casertano S., Lattanzi M.G., Morbidelli R., Pannunzio R., Spagna A., Pourbaix D., & **Sozzetti A.**
"Double-blind tests program for astrometric planet detection with Gaia. Progress Report II: results for tests T1a and T1b", *Gaia Livelink Technical Note*, ref. code PSWG-OAT-003 (2004)

79. Casertano S., Lattanzi M.G., Morbidelli R., Pannunzio R., Spagna A., Pourbaix D., Jancart S., & **Sozzetti A.**

Sozzetti A.
"Double-blind tests program for astrometric planet detection with Gaia. Progress Report I: results for the tests T0a and T0b", *Gaia Livelink Technical Note*, ref. code PSWG-OAT-002 (2003)

80. Lattanzi M.G., **Sozzetti A.**, & Spagna A.
"Astrometric planet detection code for GDAAS (1-12-S)", *Gaia Livelink Technical Note*, ref. code GAIAML-021 (2003)

81. Casertano S., Lattanzi M.G., **Sozzetti A.**, & Spagna A.
"Double-blind tests program for astrometric planet detection with Gaia", *Gaia Livelink Technical Note*, ref. code PSWG-OAT-001 (2003)

82. **Sozzetti A.**, & Casertano, S.
"Simulations of Planet Searches with SIM", *JPL Technical Report* (2000)

83. Lattanzi M.G., Spagna A., & **Sozzetti A.**
"Hunting for Planets with GAIA", *Technical Note OATo*, 01-96 (1996) -

PLATO Mission (Soggetti a Non-Disclosure Agreement):

1. **A. Sozzetti**
Evaluation Report of Technical Note PLATO-UOL-PDC-TN-0001 (Attitude Estimation Methods) of WP11 (PLATO Exoplanet Science) of the PLATO mission, on behalf of PLATO Science Management (PSM), (2020)

2. **A. Sozzetti**
Evaluation Report of Technical Note PLATO-UOL-PDC-TN-0002 (Centroid Determination) of WP11 (PLATO Exoplanet Science) of the PLATO mission, on behalf of PLATO Science Management (PSM), (2020)

3. **A. Sozzetti**
Evaluation Report of Technical Report PLATO-EPUSP-PDC-RP-0001 (Justification Document for the Jitter Correction Algorithm) of WP11 (PLATO Exoplanet Science) of the PLATO mission, on behalf of PLATO Science Management (PSM), (2020)

4. **A. Sozzetti**
Evaluation Report of Technical Note PLATO-LESIA-PDC-TN-0053 (Field Identification Algorithm) of WP11 (PLATO Exoplanet Science) of the PLATO mission, on behalf of PLATO Science Management (PSM), (2020)

Rapporti Tecnico-Scientifici, Libri Bianchi:

1. S. Cristiani, A. Sozzetti, M.T. Capria, S. Mereghetti, D. Magrin, M. Colpi, A. Franceschini (Consiglio Scientifico INAF 2016 - 2020)
"INAF Strategic Vision (Documento di Visione Strategica)", Strategic and Management Planning Document for INAF (2019)˙
http://www.inaf.it/it/sedi/sede-centrale-nuova/consiglio-scientifico/consiglio-scientifico-2016-2019 archivio_verbali/2019/documento-visione-strategica

2. I. Snellen, **A. Sozzetti**, G. Anglada Escud´e, G. Chauvin, A. Miotello, D. Veras, Y. Alibert, C. Engrand, C. Schneider "Planetary Systems", Final Report of the Panel on "Formation and Evolution of Planetary Systems" of the Science Vision & Infrastructure Roadmap of the ASTRONET Consortium for long-term planning and development of Astronomy in Europe (2023)
https://www.astronet-eu.org/sites/default/files/formation_and_evolution_of_planetary_systems_ v1-10.pdf

3. M.G. Lattanzi, R. Silvotti, **A. Sozzetti** (INAF - OATo); E. Antonello, L. Mantegazza, E. Poretti, M. Rainer, P. Span`o (INAF - OABrera); M. Barbieri, S. Benatti R. Claudi, S. Desidera, L. Girardi, R. Gratton (INAF-OAPd); S. Bernabei (INAF-OABo); F. Palla (INAF-OAA); F. D'Antona, C. Maceroni, P. Ventura, M. Di Criscienzo (INAF-OA Rome); D. Cardini, M.P. Di Mauro (INAF-IASF Rome); D. Turrini (INAF–IFSI Rome); J.M.Alcal´a, E. Covino, M. Marconi, F. Cusano, M. Esposito, S. Leccia, V. Ripepi (INAF-OANa); A. Bonanno, G. Catanzaro, A. Frasca, N. Lanza, I. Pagano, M. Turatto, R. Ventura (INAF-OACt); G. Micela (INAF-OAPa); A.Martinez Fiorenzano, R. Cosentino (INAF-TNG); F. Marzari, V. Nascimbeni, G. Piotto (Univ. Padova); L.R. Bedin (STScI); L. Pasquini (ESO)
White Paper "HARPS-N at TNG: A Science Opportunity for the Italian Astronomical Community" (2010)

4. C. Boccato, R. Claudi, R. Cosentino, E. Covino, S. Desidera, R. Gratton, A.F. Lanza, A. Maggio, G. Micela, E. Molinari, I. Pagano, G. Piotto, E. Poretti, R. Smareglia, **A. Sozzetti**
"The Large Project *Global Architecture of Planetary Systems* (GAPS)", Report to INAF & TNG TAC (2015)

5. L. Affer C. Boccato, R. Claudi, R. Cosentino, E. Covino, S. Desidera, R. Gratton, A.F. Lanza, A. Maggio, S. Masiero, G. Micela, E. Molinari, I. Pagano, G. Piotto, E. Poretti, R. Smareglia, **A. Sozzetti**
"The Large Project *Global Architecture of Planetary Systems* (GAPS)", Report to INAF & TNG TAC (2016)

6. **A. Sozzetti** "*Global Architecture of Planetary Systems* (GAPS)", Ricognizione di "Large, Long, Major" Programs con strumentazione Ottico-IR, Report to INAF Scientific Directorate (2017)

7. The HARPS-N Collaboration (including **A. Sozzetti**)
"*HARPS-N 2017-2022*", White Paper to INAF as part of the renewal of the agreement between INAF and the HARPS-N Consortium to operate HARPS-N on the TNG (2017)

8. The Italian Exoplanet Collaboration: Exo-It (including **A. Sozzetti**)
"*HARPS-N/GIANO/GIARPS@TNG (2017-2022)*", White Paper to INAF as part of the renewal of the agreement between INAF and the HARPS-N Consortium to operate HARPS-N on the TNG (2017)

9. L. Affer, S. Benatti, K. Biazzo, A. Bignamini, A. Bonomo, F. Borsa, I. Carleo, R. Claudi, R. Cosentino, E. Covino, M. Damasso, S. Desidera, M. Esposito, P. Giacobbe, E. , Gonzalez, R. Gratton, A. Harutyunyan, A.F. Lanza, G Leto, A. Maggio, L. Malavolta, J. Maldonado, L. Mancini, S. Masiero, G. Micela, E. Molinari,
V. Nascimbeni, I. Pagano, G. Piotto, E. Poretti, M. Rainer, G. Scandariato, R. Smareglia, **A. Sozzetti**
"*GAPS2: the origin of planetary systems diversity*", Report to INAF & TNG TAC (2018)

10. L. Affer, S. Benatti, K. Biazzo, A. Bignamini, A. Bonomo, F. Borsa, I. Carleo, R. Claudi, R. Cosentino, E. Covino, M. Damasso, S. Desidera, P. Giacobbe, A. Harutyunyan, A.F. Lanza, G Leto, A. Maggio, L. Malavolta, J. Maldonado, L. Mancini, G. Micela, E. Molinari, V. Nascimbeni, I. Pagano, G. Piotto, E.
Poretti, M. Rainer, G. Scandariato, **A. Sozzetti**
"*GAPS2: the origin of planetary systems diversity*", Report to INAF & TNG TAC (2019)

11. L. Affer, S. Benatti, K. Biazzo, A. Bignamini, A. Bonomo, F. Borsa, I. Carleo, R. Claudi, R. Cosentino, E. Covino, M. Damasso, S. Desidera, P. Giacobbe, A. Harutyunyan, A.F. Lanza, G Leto, A. Maggio, L. Malavolta, J. Maldonado, L. Mancini, G. Micela, E. Molinari, V. Nascimbeni, I. Pagano, G. Piotto, E.
Poretti, M. Rainer, G. Scandariato, **A. Sozzetti**
"*GAPS2: the origin of planetary systems diversity*", Report to INAF & TNG TAC (2020)

12. L. Affer, S. Benatti, K. Biazzo, A. Bignamini, A. Bonomo, F. Borsa, I. Carleo, R. Claudi, R. Cosentino, E. Covino, M. Damasso, S. Desidera, P. Giacobbe, G. Guilluy, A. Harutyunyan, A.F. Lanza, G. Leto, A. Maggio, L. Malavolta, J. Maldonado, L. Mancini, G. Micela, E. Molinari, D. Nardiello, V. Nascimbeni, I.
Pagano, M. Pinamonti, G. Piotto, E. Poretti, M. Rainer, G. Scandariato, **A. Sozzetti**
"*GAPS2: the origin of planetary systems diversity*", Final Report to INAF & TNG TAC (2023)

13. J. M. Alcala', S. Antoniucci, M. Bellazzini, K. Biazzo, M. Bonavita, P. Bonifacio, A. Bragaglia, A. Buzzoni, C. Cacciari, E. Caffau, R. Claudi, E. Covino, S. Daemgen, E. Dalessandro, S. Desidera, L. Federici, F. Ferraro, A. Frasca, F. Fusi Pecci, S. Galletti, T. Giannini, M. Groenewegen, J. Hron, R. Jayawardhana, H. Jones, O. Kochukhov, B. Lanzoni, S. Larsen, T. Lebzelter, F. Leone, G. Li Causi, D. Lorenzetti, A. Mucciarelli, B.
Nisini, W. Nowotny, I. Pagano, G. Piotto, S. Randich, R. Smart, **A. Sozzetti** "GIANO White Book" (2014)

14. B. McArthur, D. Hobbs, E. Høg, V. Makarov, **A. So1zzetti**, A. Brown, A. Krone Martins, J. L. Bartlett, J. Tomsick, M. Shao, F. Benedict, E. Bendek, C. Boehm, C. Conroy, J. P. Uldall Fynbo, O. Gnedin, L. Hillenbrand, L. Lindegren, D. R. Rodriguez, R. White, S. Turyshev, S. Unwin, & C. Zhai
"All-Sky Near Infrared Space Astrometry", Astro2020: Decadal Survey on Astronomy and Astrophysics, science white papers, no. 118, Bulletin of the American Astronomical Society, 51, id. 118 (2019) http://ui.adsabs.harvard.edu/abs/2019BAAS...51c.118M/abstract

15. D. P. Bennett, R. Akeson, Y. Alibert, J. Anderson, E. Bachelet, J.-P. Beaulieu, A. Bellini, A. Bhattacharya,
A. Boss, V. Bozza, S. Bryson, D. Buzasi, S. Calchi Novati, J. Christiansen, S. D. Domagal-goldman, M. Endl,B. J. Fulton, C. B. Henderson, B. S. Gaudi, S. A. Johnson, N. Koshimoto, M. Meyer, G. D. Mulders, S. Mullally, R. Murray-Clay, D. Nataf, E. Nielsen, H. Ngo, I. Pascucci, M. Penny, P. Plavchan, R. Poleski, C. Ranc, S. N. Raymond, L. Rogers, J. Sahlmann, K. C. Sahu, J. Schlieder, Y. Shvartzvald, **A. Sozzetti**, R. Street, T. Sumi, D. Suzuki, & N. Zimmerman
"Wide-Orbit Exoplanet Demographics", Astro2020: Decadal Survey on Astronomy and Astrophysics, science white papers, no. 505, Bulletin of the American Astronomical Society, 51, id. 505 (2019) http://ui.adsabs.harvard.edu/abs/2019BAAS...51c.505B/abstract

16. J. Schneider, A. Boccaletti, A. Aylward, P. Baudoz, J.L. Beuzit, R. Brown, J. Cho, K. Dohlen, M. Ferrari, R. Galicher, O. Grasset, L. Grenfell, J.-M. Griessmeier, O. Guyon, J. Hough, M. Kasper, Ch. Keller, A. Longmore, B. Lopez, E. Martin, D. Mawet, F. Menard, B. Merin, E. Palle, G. Perrin, D. Pinfield, E. Sein, P. Shore, Ch. Sotin, **A. Sozzetti**, D. Stam, J. Surdej, F. Tamburini, G. Tinetti, S. Udry, C. Verinaud, & D. Walker "Diversity among other worlds: characterization of

exoplanets by direct detection", White Paper submitted to the ESA ExoPlanet Roadmap Advisory Team (EPRAT), arXiv:0811.2496 (2008)
http://ui.adsabs.harvard.edu/abs/2008arXiv0811.2496S/abstract

17. F. Malbet, U. Abbas, J. Alves, C. Boehm, W. Brown, L. Chemin, A. Correia, F. Courbin, J. Darling, A. Diaferio, M. Fortin, M. Fridlund, O. Gnedin, B. Holl, A. Krone-Martins, A. L´eger, L. Labadie, J. Laskar, G. Mamon, B. McArthur, D. Michalik, A. Moitinho, M. Oertel, L. Ostorero, J. Schneider, P. Scott, M. Shao, A. **Sozzetti**, J. Tomsick, M. Valluri, & R. Wyse
'Faint objects in motion: the new frontier of high precision astrometry", Voyage 2050 White Paper (2019) https://ui.adsabs.harvard.edu/abs/2019arXiv191008028M/abstract

18. Snellen, I., Albrecht, S., Anglada-Escude, G., Baraffe, I., Baudoz, P., Benz, W., Beuzit, J.-L., Biller, B., Birkby, J., Boccaletti, A., van Boekel, R., de Boer, J., Brogi, M., Buchhave, L., Carone, L., Claire, M., Claudi, R., Demory, B.-O., Desert, J.-M., Desidera, S., Gaudi, S., Gratton, R., Gillon, M., Grenfell, J. L., Guyon, O., Henning, T., Hinkley, S., Huby, E., Janson, M., Helling, C., Heng, K., Kasper, M., Keller, C., Kenworthy, M., Krause, O., Kreidberg, L., Madhusudhan, N., Lagrange, A.-M., Launhardt, R., Lenton, T., Lopez-Puertas, M., Maire, A.-L., Mayne, N., Meadows, V., Mennesson, B., Micela, G., Miguel, Y., Milli, J., Min, M., de Mooij, E., Mouillet, D., N'Diaye, M., D'Orazi, V., Pall´e, E., Pagano, I., Piotto, G., Queloz, D., Rauer, H., Ribas, I., Ruane, G., Selsis, F., Snik, F., **Sozzetti, A.**, Stam, D., Stark, C., Vigan, A., & de Visser, P.
"Detecting life outside our solar system with a large high-contrast-imaging mission", Voyage 2050 White Paper (2019) https://ui.adsabs.harvard.edu/abs/2019garXiv190801803S/abstract

19. Quanz, S. P., Absil, O., Angerhausen, D., Benz, W., Bonfils, X., Berger, J.-P., Brogi, M., Cabrera, J., Danchi, W. C., Defr´ere, D., van Dishoeck, E., Ehrenreich, D., Ertel, S., Fortney, J., Gaudi, S., Girard, J., Glauser, A., Grenfell, J. L., Ireland, M., Janson, M., Kammerer, J., Kitzmann, D., Kraus, S., Krause, O., Labadie, L., Lacour, S., Lichtenberg, T., Line, M., Linz, H., Loicq, J., Mennesson, B., Meyer, M. R., Miguel, Y., Monnier, J., N'Diaye, M., Pall´e, E., Queloz, D., Rauer, H., Ribas, I., Rugheimer, S., Selsis, F., Serabyn, G., Snellen, I., **Sozzetti, A.**, Stapelfeldt, K. R., Triaud, A., Udry, S., & Wyatt, M.
"Atmospheric characterization of terrestrial exoplanets in the mid-infared: biosignatures, habitability & diversity", Voyage 2050 White Paper (2019) https://ui.adsabs.harvard.edu/abs/2019arXiv190801316Q/abstract

20. Hobbs, D., Brown, A., Høg, E., Jordi, C., Kawata, D., Tanga, P., Klioner, S., **Sozzetti, A.**, Wyrzykowski, L., Walton, N., Vallenari, A., Makarov, V., Rybizki, J., Jim´enez-Esteban, F., Caballero, J. A., McMillan, P. J., Secrest, N., Mor, R., Andrews, J. J., Zwitter, T., Chiappini, C., Fynbo, J. P. U., Ting, Y.-S., Hestroffer, D., Lindegren, L., McArthur, B., Gouda, N., Moore, A., Gonzalez, O. A., & Vaccari, M. "All-Sky Visible and Near Infrared Space Astrometry", Voyage 2050 White Paper (2019)
https://ui.adsabs.harvard.edu/abs/2019arXiv190712535H/abstract

21. O. Absil, J.-P. Beaulieu, C. Beichman, A. Boccaletti, A. Chakraborty, C. Cockell, V. Coud´e du Foresto (coordinator), S. Gladysz, L. Kaltenegger, C. Keller, M. Khodachenko, H. Lammer, P. Ln´a, F. Malbet, M. Ollivier, I. Ribas, N. Santos, J. Schneider, D. S´egransan, F. Selsis, H. Shibai, **A. Sozzetti**, E. Szuszkiewicz, G. Tinetti, G. van Belle, S. Wolf, H. Zinnecker "Blue Dots Report"
(2010) http://www.blue-dots.net/Download-Blue-Dots-report.html

22. A. Quirrenbach, Coordinator, 632 supporters including **A. Sozzetti**
"Exploring Habitable Worlds beyond our Solar System", White paper submitted in response to ESA's call for science themes for the L2/L3 missions of its Cosmic Vision program (2010) http://www.blue-dots.net/Download-the-Exoplanet-White-Paper.html

23. ESA Science Advisory Team, ESA Study Team, ESA Coordinators, and EChO payload Consortium (including **A. Sozzetti**)
"EChO: Exploring the atmospheres of diverse worlds beyond our Solar System - Assessment Study Report"
(2013) https://sci.esa.int/science-e/www/object/doc.cfm?fobjectid=53441

24. ESA Science Advisory Team, ESA Study Team, ESA Coordinators, and PLATO payload Consortium (including **A. Sozzetti**)
"PLATO: Revealing habitable worlds around solar-like stars - Assessment Study Report" (2013) https://plato-stesci.lesia.obspm.fr/sites/plato-stesci/IMG/pdf/esa_sre_2013_5_plato.pdf

25. The Theia Collaboration, Boehm C., Krone-Martins A., Amorim A., Anglada-Escude G., Brandeker A., Courbin F., Ensslin T., Falcao A., Freese K., Holl B., Labadie L., Leger A., Malbet F., Mamon G., McArthur B., Mora A., Shao M., **Sozzetti A.**, Spolyar D., Villaver E., Albertus C., Bertone S., Bouy H., BoylanKolchin M., Brown A., Brown W., Cardoso V., Chemin L., Claudi R., Correia A. C. M., Crosta M., Crouzier A., Cyr-Racine F.-Y., Damasso M., da Silva A., Davies M., Das P., Dayal P., de Val-Borro M., Diaferio A., Erickcek A., Fairbairn M., Fortin M., Fridlund M., Garcia P., Gnedin O., Goobar A., Gordo P., Goullioud R., Hambly N., Hara N., Hobbs D., Hog E., Holland A., Ibata R., Jordi C., Klioner S., Kopeikin S., Lacroix T., Laskar J., Le Poncin-Lafitte C., Luri X., Majumdar S., Makarov V., Massey R., Mennesson B., Michalik D., Moitinho de Almeida A., Mourao A., Moustakas L., Murray N., Muterspaugh M., Oertel M., Ostorero L., Perez-Garcia A., Platais I., de Mora J. P. i ., Quirrenbach A., Randall L., Read J., Regos E., Rory B., Rybicki K., Scott P., Schneider J., Scholtz J., Siebert A., Tereno I., Tomsick J., Traub W., Valluri M., Walker M., Walton N., Watkins L., White G., Evans D. W., Wyrzykowski L., Wyse R. "Theia: Faint objects in motion or the new astrometry frontier" (2017). White paper containing the ESA M5 mission proposal (scientific and technical aspects, no budget) https://ui.adsabs.harvard.edu/abs/2017arXiv170701348T/abstract

26. ESA Science Advisory Team, ESA Study Team, ESA Coordinators, and ARIEL payload Consortium (including **A. Sozzetti**)
"ARIEL (Atmospheric Remote-sensing Infrared Exoplanet Large-survey): Enabling Planetary Science across Light-years - Assessment Study Report" (2017) https://sci.esa.int/science-e/www/object/doc.cfm?fobjectid=59110

27. ESA Science Advisory Team, ESA Study Team, ESA Coordinators, and PLATO Mission Consortium (including **A. Sozzetti**)
"PLATO: Revealing habitable worlds around solar-like stars - Definition Study Report" (2017) https://sci.esa.int/science-e/www/object/doc.cfm?fobjectid=59251

28. ESA PLATO Science Advisory Team, ESA Study Team, ESA Coordinators, and Ariel Mission Consortium:
G. Tinetti, P. Eccleston, C. Haswell, ..., **A. Sozzetti**, ... (318 authors)
"Ariel: Enabling planetary science across light-years - Definition Study Report" (2020) https://ui.adsabs.harvard.edu/abs/2021arXiv210404824T/abstract

Proposte per Nuova Strumentazione da Terra:

1. J. Crepp, C. Woodward, S. Gaudi, P. Hinz, M. Skrutskie, K. Kratter, J. Eisner, A. Quirrenbach, G. Micela, **A. Sozzetti**
"iLocater: a Diffraction-Limited Doppler Spectrometer for the Large Binocular Telescope", *NSF Proposal* (2013)

2. J. Farinato, F. Pedichini, E. Pinna, S. Antoniucci, F. Bacciotti, C. Baffa, A. Baruffolo, S. Benatti, M. Bergomi, M. Bonavita, L. Borsato, E. Brocato, P. Bruno, E. Cappellaro, L. Carbonaro, A. Carlotti, M. Centrone, R. Claudi, L. Close, J. Codona, S. Desidera, M. Dima, S. Esposito, D. Fantinel, G. Farisato, F. Fiore, A. Fontana, W. Gaessler, E. Giallongo, V. Granata, R. Gratton, D. Greggio, J.C. Guerra, T. Henning, P. Hinz, D. Kopon, F. Leone, F. Lisi, D. Magrin, A.-L. Maire, L. Malavolta, J. Males, L. Marafatto, F. Massi, D. Mesa, G. Micela, M. Munari, V. Nascimbeni, B. Nisini, I. Pagano, G. Piotto, L. Podio, A. Puglisi, R. Ragazzoni, M. Rieke, B. Salasnich, E. Sani, G. Scandariato, S. Scuderi, E. Sissa, **A. Sozzetti**, M. Stangalini, M. Turatto, C. Verinaud, V. Viotto, S. Zibetti, A. Zurlo
"Proposal for a Coronagraph using extreme AO for the LBT: SHARK (System for coronagraphy with High order Adaptive optics from R to K band)" (2014)

3. R. Claudi; S. Benatti; I. Carleo; A. Ghedina; R. Gratton; J. Maldonado; E. Molinari; G. Micela, T. Oliva; **A. Sozzetti**, A. Tozzi, S. Antoniucci, A. Bonomo, S. Campana, E. Cappellaro, M. Cecconi, A. Cellino, M. Della Valle, S. Desidera, E. Dotto, F. Ghinassi, M. Iuzzolino, L. Malavolta, F. Mannucci, S. Meneghetti, A. Pastorello, F. Patat, G. Pignata, G.Piotto, N. Sanna, M. Turatto "GIARPS" (2015)

4. **A. Sozzetti**
"Finding the next Earth - An extreme-precision radial velocity spectrograph for the VST", VST Beyond 2021, INAF workshop held virtually, 10-12 June 2020 (2020)
https://ui.adsabs.harvard.edu/abs/2020vstb.conf....6S/abstract

Proposte per Nuove Missioni Spaziali:

1. SPICES Consortium (including **A. Sozzetti**): ESA M3 mission proposal SPICES: Spectro-Polarimetric Imaging and Characterization of Exoplanetary Systems (2010)
2. GAME Consortium (including **A. Sozzetti**): ESA M3 mission proposal GAME: Gravitation Astrometric Measurement Experiment (2010)
3. NEAT Consortium (including **A. Sozzetti**): ESA M3 mission proposal NEAT: Nearby Earth Astrometric Telescope (2010)
4. ECho Consortium (including **A. Sozzetti**): ESA M3 mission proposal EChO: Exoplanet Characterization Observatory (2010)
5. μNEAT Consortium (including **A. Sozzetti**): ESA S mission proposal μNEAT: High precision astrometry mission for the detection and characterisation of planets in the Habitable Zone (2012)
6. AGP Consortium (including **A. Sozzetti**)r: ESA M4 mission proposal AGP: Astrometric Gravitation Probe (2015)
7. Ariel Consortium (including **A. Sozzetti**): ESA M4 mission proposal Ariel: Atmospheric Remote-sensing Infrared Exoplanet Large-survey (2015)
8. Theia Consortium (including **A. Sozzetti**): ESA M4 mission proposal Theia: Microarcsecond Astrometric Observatory (2015)
9. Theia Consortium (including **A. Sozzetti**): ESA M5 mission proposal Theia: Microarcsecond Astrometric Observatory (2017)
10. Theia Consortium (PI **A. Sozzetti**): ESA M7 mission proposal Theia: Microarcsecond Astrometric Observatory (2022)

Prodotti a Supporto Tecnico-Scientifico:

1. F. Amadori, M. Damasso, L. Zeng, & **A. Sozzetti**
   "pyExoRaMa: An interactive tool to investigate the radius-mass diagram for exoplanets", *Astrophysics Source Code Library*, record ascl:2301.013 (2023) https://ui.adsabs.harvard.edu/abs/2023ascl.soft01013A/abstract
2. Lienhard, F. ; Mortier, A. ; Buchhave, L. ; Collier Cameron, A. ; L´opez-Morales, M. ; **Sozzetti, A.**; Watson, C. A. ; Cosentino, R
   "MM-LSD: Multi-Mask Least-Squares Deconvolution", *Astrophysics Source Code Library*, record ascl:2205.024 (2022) https://ui.adsabs.harvard.edu/abs/2022ascl.soft05024L/abstract
3. The Gaia Collaboration; R.L. Smart, L.M. Sarro, J. Rybizki, C. Reyl´e, A.C. Robin, N.C. Hambly, U. Abbas, M.A. Barstow, J.H.J. de Bruijne, B. Bucciarelli, J.M. Carrasco, W.J. Cooper, S.T. Hodgkin, E. Masana, D. Michalik, J. Sahlmann, **A. Sozzetti**, et al.
   "VizieR Online Data Catalog: Gaia Catalogue of Nearby Stars - GCNS (Gaia collaboration, 2021)" https://ui.adsabs.harvard.edu/abs/2020yCat..36490006G/abstract
4. C. Reyl´e, K. Jardine, P. Fouqu´e, J. A. Caballero, R. L. Smart, & **A. Sozzetti**
   "VizieR Online Data Catalog: 10 parsec sample in the Gaia era first update (Reyle+, 2021)" https://ui.adsabs.harvard.edu/abs/2021yCat..36500201R/abstract
5. N. M. Guerrero, S. Seager, C. X. Huang, A. Vanderburg, A. Garcia Soto, I. Mireles, W. Fong, A. Glidden, A. Shporer, D. W. Latham, K. A. Collins, S. N. Quinn, J. Burt, D. Dragomir, I. Crossfield, R. Vanderspek, M. Fausnaugh, C. J. Burke, G. Ricker, T. Daylan, Z. Essack, M. N. Gu¨nther, J. Pepper, P. Rowden, L. Sha, S.
   Villanueva Jr. D. A. Yahalomi, L. Yu, S. Ballard, N. M. Batalha, D. Berardo, A. Chontos, J. A. Dittmann, T. Mikal-Evans, K. Hesse, R. Jayaraman, A. Krishnamurthy, D. R. Louie, N. Mehrle, P. Niraula, B. V. Rackham, J. E. Rodriguez, S. J. L. Rowden, C. Sousa-Silva, D. Watanabe, I. Wong, Z. Zhan, G. Zivanovic, J. L. Christiansen, D. R. Ciardi, M. A. Swain, M. B. Lund, S. E. Mullally, S. W. Fleming, D. R. Rodriguez,

P. T. Boyd, E. V. Quintana, T. Barclay, K. D. Colón, S. A. Rinehart, J. E. Schlieder, M. Clampin, J. M. Jenkins, J. D. Twicken, D. A. Caldwell, J. L. Coughlin, C. Henze, J. J. Lissauer, R. L. Morris, M. E. Rose, J. C. Smith, P. Tenenbaum, E. B. Ting, B. Wohler, G. Á. Bakos, J. L. Bean, Z. K. Berta-Thompson, A. Bieryla, L. G. Bouma, L. A. Buchhave, N. Butler, D. Charbonneau, J. P. Doty, J. Ge, M. J. Holman, A. W. Howard, L. Kaltenegger, H. Kjeldsen, L. Kreidberg, D. N.C. Lin, N. Narita, M. Paegert, E. Palle, D. D. Sasselov, A. Spencer, **A. Sozzetti**, K. G. Stassun, G. Torres, S. Udry, & J. N. Winn
"VizieR Online Data Catalog: Exoplanet candidates from TESS first 2yr obs (Guerrero+, 2021)"
`https://ui.adsabs.harvard.edu/abs/2021yCat..22540039G/abstract`

6. K. G. Stassun, R. J. Oelkers, M. Paegert, G. Torres, J. Pepper, N. De Lee, K. Collins, D. W. Latham, P. S. Muirhead, J. Chittidi, B. Rojas-Ayala, S. W. Fleming, M. E. Rose, P. Tenenbaum, E. B. Ting, S. R. Kane, T. Barclay, J. L. Bean, C. E. Brassuer, D. Charbonneau, J. J. Lissauer, A. W. Mann, B. McLean, S. Mulally, N. Narita, P. Plavchan, G. R. Ricker, D. Sasselov, S. Seager, S. Sharma, B. Shiao, **A. Sozzetti**, D. Stello, R. Vanderspek, G. Wallace, & J. N. Winn
"The Revised TESS Input Catalog and Candidate Target List", *The Astronomical Journal*, 158, 138 (2019)
Online catalogo available on the Mikulski Archive for Space Telescopes server `https://archive.stsci.edu/missions-and-data/tess`

7. O'Donovan, F. T., Charbonneau, D., Mandushev, G., Dunham, E. W., Latham, D. W., Torres, G., **Sozzetti, A.**, Brown, T. M., Trauger, J. T., Belmonte, J. A., Rabus, M., Almenara, J. M., Alonso, R., Deeg, H. J., Esquerdo, G. A., Falco, E. E., Hillenbrand, L. A., Roussanova, A., Stefanik, R. P., Winn, J. N.
"NStED: Exo-Planet Transit Survey TrES Lyr1", *NASA/IPAC/NExScI Star and Exoplanet Database, TrES Lyr1 Catalog* (2009)
`http://ui.adsabs.harvard.edu/abs/2009nsted.cat....60/abstract`

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