

Alessandro Sozzetti

List of Publications by Year in descending order

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Version: 2024-02-01

258
papers

32,869
citations

18482

62
h-index

4228

174
g-index

260
all docs

260
docs citations

260
times ranked

12681
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Atmospheric characterization of terrestrial exoplanets in the mid-infrared: biosignatures, habitability, and diversity. <i>Experimental Astronomy</i> , 2022, 54, 1197-1221. | 3.7 | 21 |
| 2 | Probing <i>Kepler</i> 's hottest small planets via homogeneous search and analysis of optical secondary eclipses and phase variations. <i>Astronomy and Astrophysics</i> , 2022, 658, A132. | 5.1 | 9 |
| 3 | Rapid contraction of giant planets orbiting the 20-million-year-old star V1298 Tau. <i>Nature Astronomy</i> , 2022, 6, 232-240. | 10.1 | 40 |
| 4 | Investigating the architecture and internal structure of the TOI-561 system planets with CHEOPS, HARPS-N, and TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4551-4571. | 4.4 | 17 |
| 5 | K2-79b and K2-222b: Mass Measurements of Two Small Exoplanets with Periods beyond 10 days that Overlap with Periodic Magnetic Activity Signals. <i>Astronomical Journal</i> , 2022, 163, 41. | 4.7 | 3 |
| 6 | CaRM: Exploring the chromatic Rossiter-McLaughlin effect. <i>Astronomy and Astrophysics</i> , 2022, 660, A52. | 5.1 | 3 |
| 7 | A candidate short-period sub-Earth orbiting Proxima Centauri. <i>Astronomy and Astrophysics</i> , 2022, 658, A115. | 5.1 | 43 |
| 8 | On the synergy between Ariel and ground-based high-resolution spectroscopy. <i>Experimental Astronomy</i> , 2022, 53, 655-677. | 3.7 | 3 |
| 9 | The Demographics of Close-In Planets. <i>Astrophysics and Space Science Library</i> , 2022, , 143-234. | 2.7 | 2 |
| 10 | New Constraints on the Future Evaporation of the Young Exoplanets in the V1298 Tau System. <i>Astrophysical Journal</i> , 2022, 925, 172. | 4.5 | 13 |
| 11 | Fundamental physics with ESPRESSO: Precise limit on variations in the fine-structure constant towards the bright quasar HE 0515 ⁺ 4414. <i>Astronomy and Astrophysics</i> , 2022, 658, A123. | 5.1 | 30 |
| 12 | The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2022, 658, A136. | 5.1 | 20 |
| 13 | The PEPSI exoplanet transit survey (PETS) I: investigating the presence of a silicate atmosphere on the super-earth 55 Cnc e. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1544-1556. | 4.4 | 14 |
| 14 | Multi-mask least-squares deconvolution: extracting RVs using tailored masks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 5328-5343. | 4.4 | 5 |
| 15 | The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2022, 663, A141. | 5.1 | 12 |
| 16 | Fundamental physics with ESPRESSO: Constraints on Bekenstein and dark energy models from astrophysical and local probes. <i>Physical Review D</i> , 2022, 105, . | 4.7 | 4 |
| 17 | Identifying Exoplanets with Deep Learning. IV. Removing Stellar Activity Signals from Radial Velocity Measurements Using Neural Networks. <i>Astronomical Journal</i> , 2022, 164, 49. | 4.7 | 20 |
| 18 | ESPRESSO at VLT. <i>Astronomy and Astrophysics</i> , 2021, 645, A96. | 5.1 | 221 |

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|----|---|------|-----------|
| 19 | The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 645, A71. | 5.1 | 25 |
| 20 | ESPRESSO high-resolution transmission spectroscopy of WASP-76 b. <i>Astronomy and Astrophysics</i> , 2021, 646, A158. | 5.1 | 62 |
| 21 | Fundamental physics with ESPRESSO: Towards an accurate wavelength calibration for a precision test of the fine-structure constant. <i>Astronomy and Astrophysics</i> , 2021, 646, A144. | 5.1 | 18 |
| 22 | The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 646, A159. | 5.1 | 8 |
| 23 | All-sky visible and near infrared space astrometry. <i>Experimental Astronomy</i> , 2021, 51, 783-843. | 3.7 | 13 |
| 24 | The atmosphere of HD 209458b seen with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 647, A26. | 5.1 | 41 |
| 25 | A super-Earth on a close-in orbit around the M1V star GJ 740. <i>Astronomy and Astrophysics</i> , 2021, 648, A20. | 5.1 | 7 |
| 26 | Five carbon- and nitrogen-bearing species in a hot giant planet's atmosphere. <i>Nature</i> , 2021, 592, 205-208. | 27.8 | 99 |
| 27 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A6. | 5.1 | 175 |
| 28 | A sub-Neptune and a non-transiting Neptune-mass companion unveiled by ESPRESSO around the bright late-F dwarf HD 5278 (TOI-130). <i>Astronomy and Astrophysics</i> , 2021, 648, A75. | 5.1 | 22 |
| 29 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A8. | 5.1 | 60 |
| 30 | Three years of HARPS-N high-resolution spectroscopy and precise radial velocity data for the Sun. <i>Astronomy and Astrophysics</i> , 2021, 648, A103. | 5.1 | 58 |
| 31 | <i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 649, A1. | 5.1 | 2,429 |
| 32 | The GAPS programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 649, A29. | 5.1 | 20 |
| 33 | Six transiting planets and a chain of Laplace resonances in TOI-178. <i>Astronomy and Astrophysics</i> , 2021, 649, A26. | 5.1 | 94 |
| 34 | HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2021, 649, A157. | 5.1 | 6 |
| 35 | Separating planetary reflex Doppler shifts from stellar variability in the wavelength domain. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1699-1717. | 4.4 | 44 |
| 36 | Detection Limits of Low-mass, Long-period Exoplanets Using Gaussian Processes Applied to HARPS-N Solar Radial Velocities. <i>Astronomical Journal</i> , 2021, 161, 287. | 4.7 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The TESS Objects of Interest Catalog from the TESS Prime Mission. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 39. | 7.7 | 190 |
| 38 | HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2021, 651, A93. | 5.1 | 4 |
| 39 | TOI-1634 b: An Ultra-short-period Keystone Planet Sitting inside the M-dwarf Radius Valley. <i>Astronomical Journal</i> , 2021, 162, 79. | 4.7 | 25 |
| 40 | A HARPS-N mass for the elusive Kepler-37d: a case study in disentangling stellar activity and planetary signals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1847-1868. | 4.4 | 10 |
| 41 | HD 22496 b: The first ESPRESSO stand-alone planet discovery. <i>Astronomy and Astrophysics</i> , 2021, 654, A60. | 5.1 | 6 |
| 42 | The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2021, 653, A104. | 5.1 | 15 |
| 43 | Into the storm: diving into the winds of the ultra-hot Jupiter WASP-76 b with HARPS and ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 653, A73. | 5.1 | 34 |
| 44 | Warm terrestrial planet with half the mass of Venus transiting a nearby star. <i>Astronomy and Astrophysics</i> , 2021, 653, A41. | 5.1 | 46 |
| 45 | The ultra-hot-Jupiter KELT-16â€‰b: dynamical evolution and atmospheric properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1447-1464. | 4.4 | 7 |
| 46 | The Rossiterâ€‰McLaughlin effect revolutions: an ultra-short period planet and a warm mini-Neptune on perpendicular orbits. <i>Astronomy and Astrophysics</i> , 2021, 654, A152. | 5.1 | 23 |
| 47 | Faint objects in motion: the new frontier of high precision astrometry. <i>Experimental Astronomy</i> , 2021, 51, 845-886. | 3.7 | 17 |
| 48 | A celestial matryoshka: dynamical and spectroscopic analysis of the Albireo system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 328-350. | 4.4 | 5 |
| 49 | Atmospheric Rossiterâ€‰McLaughlin effect and transmission spectroscopy of WASP-121b with ESPRESSO. <i>Astronomy and Astrophysics</i> , 2021, 645, A24. | 5.1 | 75 |
| 50 | An unusually low density ultra-short period super-Earth and three mini-Neptunes around the old star TOI-561. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4148-4166. | 4.4 | 32 |
| 51 | ARES IV: Probing the Atmospheres of the Two Warm Small Planets HD 106315c and HD 3167c with the HST/WFC3 Camera*. <i>Astronomical Journal</i> , 2021, 161, 19. | 4.7 | 25 |
| 52 | Estimating Magnetic Filling Factors from Simultaneous Spectroscopy and Photometry: Disentangling Spots, Plage, and Network. <i>Astrophysical Journal</i> , 2021, 920, 21. | 4.5 | 10 |
| 53 | Wolf 503 b: Characterization of a Sub-Neptune Orbiting a Metal-poor K Dwarf. <i>Astronomical Journal</i> , 2021, 162, 238. | 4.7 | 5 |
| 54 | The spectral impact of magnetic activity on disc-integrated HARPS-N solar observations: exploring new activity indicators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 4279-4290. | 4.4 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | A new white dwarf companion around the $\hat{\imath}$ ¼ star GJ3346. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3481-3490. | 4.4 | 7 |
| 56 | Molecular cross-sections for high-resolution spectroscopy of super-Earths, warm Neptunes, and hot Jupiters. Monthly Notices of the Royal Astronomical Society, 2020, 495, 224-237. | 4.4 | 42 |
| 57 | TOI-1235 b: A Keystone Super-Earth for Testing Radius Valley Emergence Models around Early M Dwarfs. Astronomical Journal, 2020, 160, 22. | 4.7 | 33 |
| 58 | Neutral Iron Emission Lines from the Dayside of KELT-9b: The GAPS Program with HARPS-N at TNG XX. Astrophysical Journal Letters, 2020, 894, L27. | 8.3 | 84 |
| 59 | Photometric rotation periods for 107 $\hat{\text{A}}$ dwarfs from the APACHE survey. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5216-5237. | 4.4 | 9 |
| 60 | A Pair of TESS Planets Spanning the Radius Valley around the Nearby Mid-M Dwarf LTT 3780. Astronomical Journal, 2020, 160, 3. | 4.7 | 62 |
| 61 | A low-mass planet candidate orbiting Proxima Centauri at a distance of 1.5 AU. Science Advances, 2020, 6, eaax7467. | 10.3 | 57 |
| 62 | Nightside condensation of iron in an ultrahot giant exoplanet. Nature, 2020, 580, 597-601. | 27.8 | 178 |
| 63 | An ultra-short period rocky super-Earth orbiting the G2-star HD 80653. Astronomy and Astrophysics, 2020, 633, A133. | 5.1 | 24 |
| 64 | The GAPS Programme at TNG. Astronomy and Astrophysics, 2020, 638, A5. | 5.1 | 35 |
| 65 | Searching for the near-infrared counterpart of Proxima c using multi-epoch high-contrast SPHERE data at VLT. Astronomy and Astrophysics, 2020, 638, A120. | 5.1 | 11 |
| 66 | The GAPS programme at TNG. Astronomy and Astrophysics, 2020, 639, A49. | 5.1 | 47 |
| 67 | Revisiting Proxima with ESPRESSO. Astronomy and Astrophysics, 2020, 639, A77. | 5.1 | 81 |
| 68 | The GAPS programme at TNG. Astronomy and Astrophysics, 2020, 639, A50. | 5.1 | 9 |
| 69 | The GAPS programme at TNG. Astronomy and Astrophysics, 2020, 641, A68. | 5.1 | 9 |
| 70 | Characterization of the K2-38 planetary system. Astronomy and Astrophysics, 2020, 641, A92. | 5.1 | 17 |
| 71 | A precise architecture characterization of the $\hat{\text{A}}$ Mensae planetary system. Astronomy and Astrophysics, 2020, 642, A31. | 5.1 | 43 |
| 72 | The GAPS Programme at TNG. Astronomy and Astrophysics, 2020, 640, A123. | 5.1 | 15 |

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|----|--|-----|-----------|
| 73 | The GAPS Programme at TNG. <i>Astronomy and Astrophysics</i> , 2020, 642, A133. | 5.1 | 23 |
| 74 | WASP-127b: a misaligned planet with a partly cloudy atmosphere and tenuous sodium signature seen by ESPRESSO. <i>Astronomy and Astrophysics</i> , 2020, 644, A155. | 5.1 | 36 |
| 75 | Broadband transmission spectroscopy of HD 209458b with ESPRESSO: evidence for Na, TiO, or both. <i>Astronomy and Astrophysics</i> , 2020, 644, A51. | 5.1 | 13 |
| 76 | HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2020, 644, A68. | 5.1 | 32 |
| 77 | K2-111: an old system with two planets in near-resonance. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5004-5021. | 4.4 | 22 |
| 78 | Testing the Spectroscopic Extraction of Suppression of Convective Blueshift. <i>Astrophysical Journal</i> , 2020, 888, 117. | 4.5 | 15 |
| 79 | Statistical Properties of Habitable Zones in Stellar Binary Systems. <i>Astrophysical Journal</i> , 2020, 903, 141. | 4.5 | 3 |
| 80 | Temporal evolution and correlations of optical activity indicators measured in Sun-as-a-star observations. <i>Astronomy and Astrophysics</i> , 2019, 627, A118. | 5.1 | 31 |
| 81 | An 11 Earth-mass, Long-period Sub-Neptune Orbiting a Sun-like Star. <i>Astronomical Journal</i> , 2019, 158, 165. | 4.7 | 14 |
| 82 | Using HARPS-N to characterize the long-period planets in the PH-2 and Kepler-103 systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5103-5121. | 4.4 | 10 |
| 83 | Exoplanet atmospheres with GIANO. <i>Astronomy and Astrophysics</i> , 2019, 625, A107. | 5.1 | 62 |
| 84 | Biases in retrieving planetary signals in the presence of quasi-periodic stellar activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2555-2571. | 4.4 | 9 |
| 85 | The Revised TESS Input Catalog and Candidate Target List. <i>Astronomical Journal</i> , 2019, 158, 138. | 4.7 | 577 |
| 86 | TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. <i>Astrophysical Journal Letters</i> , 2019, 871, L24. | 8.3 | 108 |
| 87 | Three years of Sun-as-a-star radial-velocity observations on the approach to solar minimum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1082-1100. | 4.4 | 81 |
| 88 | HARPS-N radial velocities confirm the low densities of the Kepler-9 planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3233-3243. | 4.4 | 28 |
| 89 | Gliese 49: activity evolution and detection of a super-Earth. <i>Astronomy and Astrophysics</i> , 2019, 624, A123. | 5.1 | 18 |
| 90 | HADES RV program with HARPS-N at the TNG. <i>Astronomy and Astrophysics</i> , 2019, 622, A193. | 5.1 | 21 |

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|-----|--|------|-----------|
| 91 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2019, 623, A110. | 5.1 | 101 |
| 92 | K2-291b: A Rocky Super-Earth in a 2.2 day Orbit [*] â€. <i>Astronomical Journal</i> , 2019, 157, 116. | 4.7 | 13 |
| 93 | HARPS-N Solar RVs Are Dominated by Large, Bright Magnetic Regions. <i>Astrophysical Journal</i> , 2019, 874, 107. | 4.5 | 59 |
| 94 | Masses and radii for the three super-Earths orbiting GJ 9827, and implications for the composition of small exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3731-3745. | 4.4 | 38 |
| 95 | The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2019, 631, A34. | 5.1 | 44 |
| 96 | HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2019, 624, A27. | 5.1 | 13 |
| 97 | The HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2019, 625, A126. | 5.1 | 12 |
| 98 | So close, so different: characterization of the K2-36 planetary system with HARPS-N. <i>Astronomy and Astrophysics</i> , 2019, 624, A38. | 5.1 | 13 |
| 99 | The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2019, 621, A110. | 5.1 | 8 |
| 100 | A giant impact as the likely origin of different twins in the Kepler-107 exoplanet system. <i>Nature Astronomy</i> , 2019, 3, 416-423. | 10.1 | 64 |
| 101 | An Ultra-short Period Rocky Super-Earth with a Secondary Eclipse and a Neptune-like Companion around K2-141. <i>Astronomical Journal</i> , 2018, 155, 107. | 4.7 | 103 |
| 102 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A11. | 5.1 | 323 |
| 103 | Space Astrometry Missions for Exoplanet Science: Gaia and the Legacy of Hipparcos. , 2018, , 1205-1228. | | 5 |
| 104 | TESS Discovery of a Transiting Super-Earth in the π Mensae System. <i>Astrophysical Journal Letters</i> , 2018, 868, L39. | 8.3 | 148 |
| 105 | K2-263 b: a 50 d period sub-Neptune with a mass measurement using HARPS-N. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1839-1847. | 4.4 | 11 |
| 106 | Parallaxes of Southern Extremely Cool objects III: 118 L and T dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3548-3562. | 4.4 | 11 |
| 107 | A Framework for Prioritizing the <i>TESS</i> Planetary Candidates Most Amenable to Atmospheric Characterization. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 114401. | 3.1 | 314 |
| 108 | A chemical survey of exoplanets with ARIEL. <i>Experimental Astronomy</i> , 2018, 46, 135-209. | 3.7 | 249 |

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|-----|--|------|-----------|
| 109 | The HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2018, 617, A104. | 5.1 | 28 |
| 110 | Astrometry as an Exoplanet Discovery Method. , 2018, , 689-704. | | 1 |
| 111 | Exploring the realm of scaled solar system analogues with HARPS. <i>Astronomy and Astrophysics</i> , 2018, 615, A175. | 5.1 | 29 |
| 112 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A14. | 5.1 | 140 |
| 113 | The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2018, 616, A155. | 5.1 | 24 |
| 114 | The GAPS programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2018, 613, A41. | 5.1 | 49 |
| 115 | Eyes on K2-3: A system of three likely sub-Neptunes characterized with HARPS-N and HARPS. <i>Astronomy and Astrophysics</i> , 2018, 615, A69. | 5.1 | 29 |
| 116 | Astrometry as an Exoplanet Discovery Method. , 2018, , 1-16. | | 0 |
| 117 | Exoplanet atmospheres with GIANO. <i>Astronomy and Astrophysics</i> , 2018, 615, A16. | 5.1 | 82 |
| 118 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A10. | 5.1 | 638 |
| 119 | An Accurate Mass Determination for Kepler-1655b, a Moderately Irradiated World with a Significant Volatile Envelope. <i>Astronomical Journal</i> , 2018, 155, 203. | 4.7 | 19 |
| 120 | HADES RV programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2018, 612, A89. | 5.1 | 51 |
| 121 | <i>Gaia</i> Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A1. | 5.1 | 6,364 |
| 122 | Space Astrometry Missions for Exoplanet Science: Gaia and the Legacy of Hipparcos. , 2018, , 1-24. | | 0 |
| 123 | The Kepler-19 System: A Thick-envelope Super-Earth with Two Neptune-mass Companions Characterized Using Radial Velocities and Transit Timing Variations. <i>Astronomical Journal</i> , 2017, 153, 224. | 4.7 | 58 |
| 124 | Radial-velocity fitting challenge. <i>Astronomy and Astrophysics</i> , 2017, 598, A133. | 5.1 | 87 |
| 125 | The Short-term Stability of a Simulated Differential Astrometric Reference Frame in the <i>Gaia</i> Era. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 054503. | 3.1 | 7 |
| 126 | Two massive rocky planets transiting a K-dwarf 6.5 parsecs away. <i>Nature Astronomy</i> , 2017, 1, . | 10.1 | 84 |

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|-----|--|-----|-----------|
| 127 | The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 602, A107. | 5.1 | 185 |
| 128 | HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 605, A92. | 5.1 | 27 |
| 129 | HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A26. | 5.1 | 34 |
| 130 | Threeâ€™s Company: An Additional Non-transiting Super-Earth in the Bright HD 3167 System, and Masses for All Three Planets. <i>Astronomical Journal</i> , 2017, 154, 122. | 4.7 | 90 |
| 131 | Searching for planetary signals in Doppler time series: a performance evaluation of tools for periodogram analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3775-3784. | 4.4 | 27 |
| 132 | Precise Masses in the WASP-47 System. <i>Astronomical Journal</i> , 2017, 154, 237. | 4.7 | 66 |
| 133 | GIARPS@TNG: GIANO-B and HARPS-N together for a wider wavelength range spectroscopy. <i>European Physical Journal Plus</i> , 2017, 132, 1. | 2.6 | 37 |
| 134 | The Differential Astrometric Reference Frame on short timescales in the Gaia Era. <i>Proceedings of the International Astronomical Union</i> , 2017, 12, 79-80. | 0.0 | 0 |
| 135 | HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A27. | 5.1 | 32 |
| 136 | HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 598, A28. | 5.1 | 28 |
| 137 | Transmission spectroscopy of the hot Jupiter TrES-3â€™b: Disproof of an overly large Rayleigh-like feature. <i>Astronomy and Astrophysics</i> , 2017, 608, A26. | 5.1 | 12 |
| 138 | The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 606, A51. | 5.1 | 6 |
| 139 | The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 599, A90. | 5.1 | 9 |
| 140 | The GAPS Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 601, A53. | 5.1 | 41 |
| 141 | HADES RV Programme with HARPS-N at TNG. <i>Astronomy and Astrophysics</i> , 2017, 608, A63. | 5.1 | 14 |
| 142 | Gaia and exoplanets: a revolution in the making., 2017, , . | | 1 |
| 143 | HADES RV program with HARPS-N at the TNG GJâ€™3998: An early M-dwarf hosting a system of super-Earths. <i>Astronomy and Astrophysics</i> , 2016, 593, A117. | 5.1 | 51 |
| 144 | The HARPS search for southern extra-solar planets. <i>Astronomy and Astrophysics</i> , 2016, 589, A25. | 5.1 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | The <i>Gaia</i> mission. <i>Astronomy and Astrophysics</i> , 2016, 595, A1. | 5.1 | 4,509 |
| 146 | <i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2016, 595, A2. | 5.1 | 1,590 |
| 147 | KEPLER-21b: A ROCKY PLANET AROUND A $V=8.25$ mag STAR*. <i>Astronomical Journal</i> , 2016, 152, 204. | 4.7 | 80 |
| 148 | A 1.9 EARTH RADIUS ROCKY PLANET AND THE DISCOVERY OF A NON-TRANSITING PLANET IN THE KEPLER-20 SYSTEM*. <i>Astronomical Journal</i> , 2016, 152, 160. | 4.7 | 85 |
| 149 | Physical properties of the planetary systems WASP-45 and WASP-46 from simultaneous multiband photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 990-1002. | 4.4 | 37 |
| 150 | Microarcsecond astrometric observatory Theia: from dark matter to compact objects and nearby earths., 2016, , . | | 8 |
| 151 | THE ORBIT AND MASS OF THE THIRD PLANET IN THE KEPLER-56 SYSTEM. <i>Astronomical Journal</i> , 2016, 152, 165. | 4.7 | 58 |
| 152 | State of the Field: Extreme Precision Radial Velocities. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 066001. | 3.1 | 253 |
| 153 | THE KEPLER-454 SYSTEM: A SMALL, NOT-ROCKY INNER PLANET, A JOVIAN WORLD, AND A DISTANT COMPANION. <i>Astrophysical Journal</i> , 2016, 816, 95. | 4.5 | 55 |
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