

Matias Diaz

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,068
citations

516710

16
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1428
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A low-eccentricity migration pathway for a 13-h-period Earth analogue in a four-planet system. <i>Nature Astronomy</i> , 2022, 6, 736-750. | 10.1 | 9 |
| 2 | TOI-954 b and K2-329 b: Short-period Saturn-mass Planets that Test whether Irradiation Leads to Inflation. <i>Astronomical Journal</i> , 2021, 161, 82. | 4.7 | 8 |
| 3 | TOI 540 b: A Planet Smaller than Earth Orbiting a Nearby Rapidly Rotating Low-mass Star. <i>Astronomical Journal</i> , 2021, 161, 23. | 4.7 | 16 |
| 4 | A Pair of Warm Giant Planets near the 2:1 Mean Motion Resonance around the K-dwarf Star TOI-2202*. <i>Astronomical Journal</i> , 2021, 162, 283. | 4.7 | 13 |
| 5 | An ablating 2.6 M _J planet in an eccentric binary from the Dispersed Matter Planet Project. <i>Nature Astronomy</i> , 2020, 4, 419-426. | 10.1 | 16 |
| 6 | A compact multi-planet system around a bright nearby star from the Dispersed Matter Planet Project. <i>Nature Astronomy</i> , 2020, 4, 399-407. | 10.1 | 9 |
| 7 | HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright ($\langle V \rangle = 7.9$) star unveiled by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2982-2999. | 4.4 | 38 |
| 8 | The Magellan/PFS Exoplanet Search: a 55-d period dense Neptune transiting the bright ($\langle V \rangle = 8.6$) star HD 95338. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4330-4341. | 4.4 | 14 |
| 9 | A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. <i>Science</i> , 2020, 368, 1477-1481. | 12.6 | 27 |
| 10 | TOI-132b: A short-period planet in the Neptune desert transiting a $\langle V \rangle = 11.3$ G-type star.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 973-985. | 4.4 | 19 |
| 11 | TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet*. <i>Astronomical Journal</i> , 2020, 160, 96. | 4.7 | 25 |
| 12 | The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. <i>Astronomical Journal</i> , 2020, 160, 114. | 4.7 | 17 |
| 13 | Search for Nearby Earth Analogs .III. Detection of 10 New Planets, 3 Planet Candidates, and Confirmation of 3 Planets around 11 Nearby M Dwarfs. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 29. | 7.7 | 18 |
| 14 | Evidence for an additional planet in the ρ^2 Pictoris system. <i>Nature Astronomy</i> , 2019, 3, 1135-1142. | 10.1 | 60 |
| 15 | Search for Nearby Earth Analogs. I. 15 Planet Candidates Found in PFS Data*. <i>Astrophysical Journal, Supplement Series</i> , 2019, 242, 25. | 7.7 | 18 |
| 16 | HD 1397b: A Transiting Warm Giant Planet Orbiting A $V = 7.8$ mag Subgiant Star Discovered by TESS. <i>Astronomical Journal</i> , 2019, 158, 45. | 4.7 | 39 |
| 17 | GJ 357: a low-mass planetary system uncovered by precision radial velocities and dynamical simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5585-5595. | 4.4 | 15 |
| 18 | Characterization of the L 98-59 multi-planetary system with HARPS. <i>Astronomy and Astrophysics</i> , 2019, 629, A111. | 5.1 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | TOI-150: A Transiting Hot Jupiter in the TESS Southern CVZ*. <i>Astrophysical Journal Letters</i> , 2019, 877, L29. | 8.3 | 12 |
| 20 | Deriving Iodine-free Spectra for High-resolution Echelle Spectrographs*. <i>Astronomical Journal</i> , 2019, 157, 204. | 4.7 | 2 |
| 21 | K2-161b: a low-density super-Neptune on an eccentric orbit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 1970-1979. | 4.4 | 11 |
| 22 | The Test Case of HD 26965: Difficulties Disentangling Weak Doppler Signals from Stellar Activity. <i>Astronomical Journal</i> , 2018, 155, 126. | 4.7 | 21 |
| 23 | K2-232 b: a transiting warm Saturn on an eccentric $P=1.2$ d orbit around a $V=9.9$ star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2572-2581. | 4.4 | 17 |
| 24 | K2-237 b and K2-238 b: discovery and characterization of two new transiting hot Jupiters from K2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5356-5365. | 4.4 | 10 |
| 25 | The LCES HIRES/Keck Precision Radial Velocity Exoplanet Survey. <i>Astronomical Journal</i> , 2017, 153, 208. | 4.7 | 391 |
| 26 | A Six-planet System around the Star HD 34445. <i>Astronomical Journal</i> , 2017, 154, 181. | 4.7 | 30 |
| 27 | NO EVIDENCE FOR ACTIVITY CORRELATIONS IN THE RADIAL VELOCITIES OF KAPTEYN'S STAR. <i>Astrophysical Journal</i> , 2016, 830, 74. | 4.5 | 44 |
| 28 | THE LICK-CARNEGIE EXOPLANET SURVEY: HD 32963 A NEW JUPITER ANALOG ORBITING A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2016, 817, 104. | 4.5 | 60 |
| 29 | THE MAGELLAN PFS PLANET SEARCH PROGRAM: RADIAL VELOCITY AND STELLAR ABUNDANCE ANALYSES OF THE 360 au, METAL-POOR BINARY α TWINS HD 133131A & B*. <i>Astronomical Journal</i> , 2016, 152, 167. | 4.7 | 58 |