

# 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	The LCES HIRES/Keck Precision Radial Velocity Exoplanet Survey. <i>Astronomical Journal</i> , 2017, 153, 208.	4.7	391
2	THE LICK-CARNEGIE EXOPLANET SURVEY: HD 32963â€”A NEW JUPITER ANALOG ORBITING A SUN-LIKE STAR. <i>Astrophysical Journal</i> , 2016, 817, 104.	4.5	60
3	Evidence for an additional planet in the $\hat{1}^2$ Pictoris system. <i>Nature Astronomy</i> , 2019, 3, 1135-1142.	10.1	60
4	THE MAGELLAN PFS PLANET SEARCH PROGRAM: RADIAL VELOCITY AND STELLAR ABUNDANCE ANALYSES OF THE 360 au, METAL-POOR BINARY â€œTWINSâ€”HD 133131A & B*. <i>Astronomical Journal</i> , 2016, 152, 167.	4.7	58
5	Characterization of the L 98-59 multi-planetary system with HARPS. <i>Astronomy and Astrophysics</i> , 2019, 629, A111.	5.1	49
6	NO EVIDENCE FOR ACTIVITY CORRELATIONS IN THE RADIAL VELOCITIES OF KAPTEYNâ€™S STAR. <i>Astrophysical Journal</i> , 2016, 830, 74.	4.5	44
7	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
8	HD 213885b: a transiting 1-d-period super-Earth with an Earth-like composition around a bright ( $V=7.9$ ) star unveiled by TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2982-2999.	4.4	38
9	A Six-planet System around the Star HD 34445. <i>Astronomical Journal</i> , 2017, 154, 181.	4.7	30
10	A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. <i>Science</i> , 2020, 368, 1477-1481.	12.6	27
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 Test Case of HD 26965: Difficulties Disentangling Weak Doppler Signals from Stellar Activity. <i>Astronomical Journal</i> , 2018, 155, 126.	4.7	21
13	TOI-132â€”b: A short-period planet in the Neptune desert transiting a $V=11.3$ G-type star.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 973-985.	4.4	19
14	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
15	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
16	K2-232 b: a transiting warm Saturn on an eccentric $P=11.2$ d orbit around a $V=9.9$ star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2572-2581.	4.4	17
17	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
18	An ablating 2.6 $M_{\text{J}}$ planet in an eccentric binary from the Dispersed Matter Planet Project. <i>Nature Astronomy</i> , 2020, 4, 419-426.	10.1	16

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19	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
20	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
21	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
22	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
23	TOI-150: A Transiting Hot Jupiter in the TESS Southern CVZ*. <i>Astrophysical Journal Letters</i> , 2019, 877, L29.	8.3	12
24	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
25	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
26	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
27	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
28	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
29	Deriving Iodine-free Spectra for High-resolution Echelle Spectrographs*. <i>Astronomical Journal</i> , 2019, 157, 204.	4.7	2