Fabo Feng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/497158/publications.pdf

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45	1,188	394421	434195
papers	citations	19	31
		h-index	g-index

47	47	47	1562
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A candidate super-Earth planet orbiting near the snow line of Barnardâ€™s star. Nature, 2018, 563, 365-368.	27.8	109
2	Planetary system around the nearby M dwarf GJ 357 including a transiting, hot, Earth-sized planet optimal for atmospheric characterization. Astronomy and Astrophysics, 2019, 628, A39.	5.1	97
3	Color Difference Makes a Difference: Four Planet Candidates around Ï„ Ceti. Astronomical Journal, 2017, 154, 135.	4.7	91
4	Agatha: disentangling periodic signals from correlated noise in a periodogram framework. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4794-4814.	4.4	61
5	â€˜Oumuamua as a Messenger from the Local Association. Astrophysical Journal Letters, 2018, 852, L27.	8.3	59
6	A low-mass planet candidate orbiting Proxima Centauri at a distance of 1.5 AU. Science Advances, 2020, 6, eaax7467.	10.3	57
7	A Goldilocks principle for modelling radial velocity noise. Monthly Notices of the Royal Astronomical Society, 2016, 461, 2440-2452.	4.4	56
8	Finding the imprints of stellar encounters in long-period comets. Monthly Notices of the Royal Astronomical Society, 2015, 454, 3267-3276.	4.4	51
9	Exploring the role of the Sun's motion in terrestrial comet impacts. Monthly Notices of the Royal Astronomical Society, 2014, 442, 3653-3673.	4.4	42
10	Detection of the nearest Jupiter analogue in radial velocity and astrometry data. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5002-5016.	4.4	41
11	Recovering planet radial velocity signals in the presence of starspot activity in fully convective stars. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1733-1740.	4.4	38
12	A hot terrestrial planet orbiting the bright M dwarf L 168-9 unveiled by TESS. Astronomy and Astrophysics, 2020, 636, A58.	5.1	35
13	A multiplanet system of super-Earths orbiting the brightest red dwarf star GJ 887. Science, 2020, 368, 1477-1481.	12.6	27
14	The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2020, 644, A127.	5.1	27
15	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. Astronomical Journal, 2020, 160, 153.	4.7	27
16	Understanding Fomalhaut as a Cooper pair. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4412-4420.	4.4	26
17	ASSESSING THE INFLUENCE OF THE SOLAR ORBIT ON TERRESTRIAL BIODIVERSITY. Astrophysical Journal, 2013, 768, 152.	4.5	25
18	Search for Nearby Earth Analogs. II. Detection of Five New Planets, Eight Planet Candidates, and Confirmation of Three Planets around Nine Nearby M Dwarfs*. Astrophysical Journal, Supplement Series, 2020, 246, 11.	7.7	25

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19	TESS Reveals a Short-period Sub-Neptune Sibling (HD 86226c) to a Known Long-period Giant Planet*. Astronomical Journal, 2020, 160, 96.	4.7	25
20	The Test Case of HD 26965: Difficulties Disentangling Weak Doppler Signals from Stellar Activity. Astronomical Journal, 2018, 155, 126.	4.7	21
21	The Magellan-TESS Survey. I. Survey Description and Midsurvey Results* â€. Astrophysical Journal, Supplement Series, 2021, 256, 33.	7.7	19
22	Evidence for at least three planet candidates orbiting HDâ€‰20794. Astronomy and Astrophysics, 2017, 605, A103.	5.1	18
23	Search for Nearby Earth Analogs. I. 15 Planet Candidates Found in PFS Data*. Astrophysical Journal, Supplement Series, 2019, 242, 25.	7.7	18
24	Search for Nearby Earth Analogs .III. Detection of 10 New Planets, 3 Planet Candidates, and Confirmation of 3 Planets around 11 Nearby M Dwarfs. Astrophysical Journal, Supplement Series, 2020, 250, 29.	7.7	18
25	The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. Astronomical Journal, 2020, 160, 114.	4.7	17
26	Was Proxima captured by Alpha Centauri A and B?. Monthly Notices of the Royal Astronomical Society, 2018, 473, 3185-3189.	4.4	16
27	Obliquity and precession as pacemakers of Pleistocene deglaciations. Quaternary Science Reviews, 2015, 122, 166-179.	3.0	15
28	PEXO: A Global Modeling Framework for Nanosecond Timing, Microarcsecond Astrometry, and Î¼m s^{â^'1} Radial Velocities. Astrophysical Journal, Supplement Series, 2019, 244, 39.	7.7	15
29	The Magellan/PFS Exoplanet Search: a 55-d period dense Neptune transiting the bright (VÂ= 8.6) star HD 95338. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4330-4341.	4.4	14
30	Activity and telluric contamination in HARPS observations of Alpha Centauri B. Monthly Notices of the Royal Astronomical Society, 2019, 485, 4804-4816.	4.4	13
31	High-contrast imaging at ten microns: A search for exoplanets around Eps Indi A, Eps Eri, Tau Ceti, Sirius A, and Sirius B. Astronomy and Astrophysics, 2021, 652, A121.	5.1	13
32	TOI-1231 b: A Temperate, Neptune-sized Planet Transiting the Nearby M3 Dwarf NLTT 24399. Astronomical Journal, 2021, 162, 87.	4.7	13
33	Optimized modelling of Gaiaâ€“Hipparcos astrometry for the detection of the smallest cold Jupiter and confirmation of seven low-mass companions. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2856-2868.	4.4	11
34	A Collage of Small Planets from the Lickâ€“Carnegie Exoplanet Survey: Exploring the Super-Earth and Sub-Neptune Mass Regime*. Astronomical Journal, 2021, 161, 10.	4.7	7
35	HiFLExâ€”A Highly Flexible Package to Reduce Cross-dispersed Echelle Spectra. Publications of the Astronomical Society of the Pacific, 2020, 132, 064504.	3.1	6
36	Revisiting the HD 21749 planetary system with stellar activity modelling. Monthly Notices of the Royal Astronomical Society, 2021, 501, 6042-6061.	4.4	6

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37	A history of the gamma-ray burst flux at the Earth from Galactic globular clusters. Monthly Notices of the Royal Astronomical Society, 2013, 432, 258-263.	4.4	5
38	A Reanalysis of the UVES M Dwarf Planet Search Program*. Astronomical Journal, 2019, 158, 251.	4.7	5
39	Identify Light-curve Signals with Deep Learning Based Object Detection Algorithm. I. Transit Detection. Astronomical Journal, 2022, 163, 23.	4.7	5
40	Constraints on the nearby exoplanet Ïµ Indi Ab from deep near- and mid-infrared imaging limits. Astronomy and Astrophysics, 2021, 651, A89.	5.1	4
41	An Improved Quantification of HD 147379 b. Research Notes of the AAS, 2018, 2, 23.	0.7	2
42	Exploring the robustness of Keplerian signals to the removal of active and telluric features. Monthly Notices of the Royal Astronomical Society, 2020, 500, 548-557.	4.4	2
43	Radio jets and galaxies as cosmic string probes. Frontiers of Physics, 2012, 7, 461-470.	5.0	1
44	Probabilistic galactic dynamics â€“ I. The Sun and GJ 710 with Monte Carlo, linearized, and unscented treatments. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3971-3982.	4.4	0
45	Assessing the influence of astronomical phenomena on the Earth. EAS Publications Series, 2014, 67-68, 195-198.	0.3	0