

Francois Bouchy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6038793/publications.pdf>

Version: 2024-02-01

26
papers

1,448
citations

471509

17
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

1853
citing authors

#	ARTICLE	IF	CITATIONS
1	An Earth-mass planet orbiting $\hat{1}_{\pm}$ Centauri B. <i>Nature</i> , 2012, 491, 207-211.	27.8	361
2	State of the Field: Extreme Precision Radial Velocities. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 066001.	3.1	253
3	The Next Generation Transit Survey (NGTS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4476-4493.	4.4	189
4	Solar-like Oscillations in the G2 Subgiant $\hat{1}^2$ Hydri from Dual-site Observations. <i>Astrophysical Journal</i> , 2007, 663, 1315-1324.	4.5	93
5	NGTS-1b: a hot Jupiter transiting an M-dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4467-4475.	4.4	91
6	An upper boundary in the mass-metallicity plane of exo-Neptunes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1841-1849.	4.4	48
7	Solar-like Oscillations in the Metal-poor Subgiant $\hat{1}_{1/2}$ Indi: Constraining the Mass and Age Using Asteroseismology. <i>Astrophysical Journal</i> , 2006, 647, 558-563.	4.5	46
8	Two Intermediate-mass Transiting Brown Dwarfs from the TESS Mission. <i>Astronomical Journal</i> , 2020, 160, 53.	4.7	39
9	NGTS-7Ab: an ultrashort-period brown dwarf transiting a tidally locked and active M dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5146-5164.	4.4	35
10	Simultaneous TESS and NGTS transit observations of WASP-166b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5872-5881.	4.4	30
11	Telluric-line subtraction in high-accuracy velocimetry: a PCA-based approach. <i>Proceedings of SPIE</i> , 2014, , .	0.8	28
12	TOI-824 b: A New Planet on the Lower Edge of the Hot Neptune Desert. <i>Astronomical Journal</i> , 2020, 160, 153.	4.7	27
13	WASP-128b: a transiting brown dwarf in the dynamical-tide regime. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5091-5097.	4.4	26
14	TOI-811b and TOI-852b: New Transiting Brown Dwarfs with Similar Masses and Very Different Radii and Ages from the TESS Mission. <i>Astronomical Journal</i> , 2021, 161, 97.	4.7	25
15	TESS Delivers Five New Hot Giant Planets Orbiting Bright Stars from the Full-frame Images. <i>Astronomical Journal</i> , 2021, 161, 194.	4.7	22
16	Transits of Known Planets Orbiting a Naked-eye Star. <i>Astronomical Journal</i> , 2020, 160, 129.	4.7	22
17	A Transiting Warm Giant Planet around the Young Active Star TOI-201. <i>Astronomical Journal</i> , 2021, 161, 235.	4.7	20
18	Warm Jupiters in TESS Full-frame Images: A Catalog and Observed Eccentricity Distribution for Year 1. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 6.	7.7	18

#	ARTICLE	IF	CITATIONS
19	Populating the brown dwarf and stellar boundary: Five stars with transiting companions near the hydrogen-burning mass limit. <i>Astronomy and Astrophysics</i> , 2021, 652, A127.	5.1	18
20	TOI-1278 B: SPIRou Unveils a Rare Brown Dwarf Companion in Close-in Orbit around an M Dwarf. <i>Astronomical Journal</i> , 2021, 162, 144.	4.7	16
21	NCT-19b: a high-mass transiting brown dwarf in a 17-d eccentric orbit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2741-2752.	4.4	12
22	TOI 694b and TIC 220568520b: Two Low-mass Companions near the Hydrogen-burning Mass Limit Orbiting Sun-like Stars. <i>Astronomical Journal</i> , 2020, 160, 133.	4.7	12
23	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
24	A Close-in Puffy Neptune with Hidden Friends: The Enigma of TOI 620. <i>Astronomical Journal</i> , 2022, 163, 269.	4.7	4
25	High-Precision Spectrographs for Exoplanet Research: CORAVEL, ELODIE, CORALIE, SOPHIE and HARPS. , 2018, , 855-882.		3
26	High-Precision Spectrographs for Exoplanet Research: CORAVEL, ELODIE, CORALIE, SOPHIE and HARPS. , 2018, , 1-28.		2