

Baptiste Klein

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

92
citations

6
h-index

9
g-index

18
ext. papers

251
ext. citations

4.5
avg, IF

2.8
L-index

#	Paper	IF	Citations
14	Spin-orbit alignment and magnetic activity in the young planetary system AU Mic. <i>Astronomy and Astrophysics</i> , 2020 , 641, L1	5.1	17
13	Investigating the young AU Mic system with SPIRou: large-scale stellar magnetic field and close-in planet mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 188-205	4.3	17
12	Planet-induced radio emission from the coronae of M dwarfs: the case of Prox Cen and AU Mic. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 1511-1518	4.3	12
11	The large-scale magnetic field of Proxima Centauri near activity maximum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 500, 1844-1850	4.3	10
10	Early science with SPIRou: near-infrared radial velocity and spectropolarimetry of the planet-hosting star HD 189733. <i>Astronomy and Astrophysics</i> , 2020 , 642, A72	5.1	7
9	Simulated mass measurements of the young planet K2-33b. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020 , 493, L92-L97	4.3	6
8	The distribution of dark matter and gas spanning 6 Mpc around the post-merger galaxy cluster MS 0451-03. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 496, 4032-4050	4.3	5
7	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , 2021 , 162, 295	4.9	4
6	Magnetic field and activity phenomena of the K2 dwarf V471 Tau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 504, 1969-1988	4.3	3
5	Galaxy cluster cores as seen with VLT/MUSE: New strong-lensing analyses of RX J2129.4 + 0009, MS 0451.6 -0305, and MACS J2129.4 -0741. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	3
4	Characterizing Exoplanetary Atmospheres at High Resolution with SPIRou: Detection of Water on HD 189733 b. <i>Astronomical Journal</i> , 2021 , 162, 233	4.9	2
3	Planet Hunters TESS III: two transiting planets around the bright G dwarf HD 152843. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 505, 1827-1840	4.3	1
2	One year of AU Mic with HARPS II. Measuring the masses of the two transiting planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 3060-3078	4.3	0
1	The EXPRES Stellar Signals Project II. State of the Field in Disentangling Photospheric Velocities. <i>Astronomical Journal</i> , 2022 , 163, 171	4.9	0