

# Baptiste Klein

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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	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> , <b>2022</b> , 512, 3060-3078	4.3	0
13	The EXPRES Stellar Signals Project II. State of the Field in Disentangling Photospheric Velocities. <i>Astronomical Journal</i> , <b>2022</b> , 163, 171	4.9	0
12	Characterizing Exoplanetary Atmospheres at High Resolution with SPIRou: Detection of Water on HD 189733 b. <i>Astronomical Journal</i> , <b>2021</b> , 162, 233	4.9	2
11	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> , <b>2021</b> , 502, 188-205	4.3	17
10	Magnetic field and activity phenomena of the K2 dwarf V471 Tau. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 504, 1969-1988	4.3	3
9	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> , <b>2021</b> , 504, 1511-1518	4.3	12
8	Planet Hunters TESS III: two transiting planets around the bright G dwarf HD 152843. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 1827-1840	4.3	1
7	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , <b>2021</b> , 162, 295	4.9	4
6	Simulated mass measurements of the young planet K2-33b. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2020</b> , 493, L92-L97	4.3	6
5	Early science with SPIRou: near-infrared radial velocity and spectropolarimetry of the planet-hosting star HD 189733. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A72	5.1	7
4	Spin-orbit alignment and magnetic activity in the young planetary system AU Mic. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 641, L1	5.1	17
3	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> , <b>2020</b> , 496, 4032-4050	4.3	5
2	The large-scale magnetic field of Proxima Centauri near activity maximum. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 500, 1844-1850	4.3	10
1	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