

# Baptiste Klein

## List of Publications by Year in descending order

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18  
papers

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citations

759190

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839512

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18  
docs citations

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times ranked

549  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.4	57
2	Diving Beneath the Sea of Stellar Activity: Chromatic Radial Velocities of the Young AU Mic Planetary System. <i>Astronomical Journal</i> , 2021, 162, 295.	4.7	39
3	Spin-orbit alignment and magnetic activity in the young planetary system AU Mic. <i>Astronomy and Astrophysics</i> , 2020, 641, L1.	5.1	38
4	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.	4.4	36
5	One year of AU Mic with HARPS I. Measuring the masses of the two transiting planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 3060-3078.	4.4	29
6	One year of AU Mic with HARPS II. Stellar activity and star-planet interaction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 5067-5084.	4.4	28
7	The EXPRES Stellar Signals Project II. State of the Field in Disentangling Photospheric Velocities. <i>Astronomical Journal</i> , 2022, 163, 171.	4.7	27
8	The young HD 73583 (TOI-560) planetary system: two 10-M <sub>J</sub> mini-Neptunes transiting a 500-Myr-old, bright, and active K dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1606-1627.	4.4	25
9	The large-scale magnetic field of Proxima Centauri near activity maximum. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1844-1850.	4.4	23
10	Characterizing Exoplanetary Atmospheres at High Resolution with SPIRou: Detection of Water on HD 189733 b. <i>Astronomical Journal</i> , 2021, 162, 233.	4.7	20
11	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	18
12	The distribution of dark matter and gas spanning 6 Mpc around the post-merger galaxy cluster MS0451+03. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4032-4050.	4.4	13
13	Galaxy cluster cores as seen with VLT/MUSE: New strong-lensing analyses of RXJ2129.4+0009, MS0451.6+0305, and MACSJ2129.4-0741. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1206-1226.	4.4	13
14	The T Tauri star V410 Tau in the eyes of SPIRou and TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3427-3445.	4.4	11
15	Simulated mass measurements of the young planet K2-33b. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 493, L92-L97.	3.3	9
16	Magnetic field and activity phenomena of the K2 dwarf V471 Tau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 1969-1988.	4.4	8
17	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.	4.4	5
18	Magnetic field evolution of the K2 dwarf V471 Tau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 2893-2903.	4.4	5