

Alain Lecavelier Des Etangs

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

2,236
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1582
citing authors

#	ARTICLE	IF	CITATIONS
1	Spi-OPS: <i>Spitzer</i> and CHEOPS confirm the near-polar orbit of MASCARA-1 b and reveal a hint of dayside reflection. <i>Astronomy and Astrophysics</i> , 2022, 658, A75.	5.1	25
2	The IAU working definition of an exoplanet. <i>New Astronomy Reviews</i> , 2022, 94, 101641.	12.8	5
3	The <i>Kepler</i> Pictoris b Hill sphere transit campaign. <i>Astronomy and Astrophysics</i> , 2021, 648, A15.	5.1	6
4	HST PanCET program: non-detection of atmospheric escape in the warm Saturn-sized planet WASP-29 b. <i>Astronomy and Astrophysics</i> , 2021, 649, A40.	5.1	7
5	Transit detection of the long-period volatile-rich super-Earth $\hat{1}/2$ Lupi d with CHEOPS. <i>Nature Astronomy</i> , 2021, 5, 775-787.	10.1	51
6	Spectrally resolved helium absorption from the extended atmosphere of a warm Neptune-mass exoplanet. <i>Science</i> , 2018, 362, 1384-1387.	12.6	152
7	The long egress of GJ 436b's giant exosphere. <i>Astronomy and Astrophysics</i> , 2017, 605, L7.	5.1	94
8	An evaporating planet in the wind: stellar wind interactions with the radiatively braked exosphere of GJ 436 b. <i>Astronomy and Astrophysics</i> , 2016, 591, A121.	5.1	119
9	Radiative braking in the extended exosphere of GJ 436 b. <i>Astronomy and Astrophysics</i> , 2015, 582, A65.	5.1	61
10	A giant comet-like cloud of hydrogen escaping the warm Neptune-mass exoplanet GJ 436b. <i>Nature</i> , 2015, 522, 459-461.	27.8	383
11	3D model of hydrogen atmospheric escape from HD 209458b and HD 189733b: radiative blow-out and stellar wind interactions. <i>Astronomy and Astrophysics</i> , 2013, 557, A124.	5.1	135
12	A diagram to determine the evaporation status of extrasolar planets. <i>Astronomy and Astrophysics</i> , 2007, 461, 1185-1193.	5.1	223
13	An extended upper atmosphere around the extrasolar planet HD209458b. <i>Nature</i> , 2003, 422, 143-146.	27.8	975