

# Alain Lecavelier Des Etangs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5094588/publications.pdf>

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	An extended upper atmosphere around the extrasolar planet HD209458b. <i>Nature</i> , 2003, 422, 143-146.	27.8	975
2	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
3	A diagram to determine the evaporation status of extrasolar planets. <i>Astronomy and Astrophysics</i> , 2007, 461, 1185-1193.	5.1	223
4	Spectrally resolved helium absorption from the extended atmosphere of a warm Neptune-mass exoplanet. <i>Science</i> , 2018, 362, 1384-1387.	12.6	152
5	3D model of hydrogen atmospheric escape from HD209458b and HD189733b: radiative blow-out and stellar wind interactions. <i>Astronomy and Astrophysics</i> , 2013, 557, A124.	5.1	135
6	An evaporating planet in the wind: stellar wind interactions with the radiatively braked exosphere of GJ436 b. <i>Astronomy and Astrophysics</i> , 2016, 591, A121.	5.1	119
7	The long egress of GJ 436b's giant exosphere. <i>Astronomy and Astrophysics</i> , 2017, 605, L7.	5.1	94
8	Radiative braking in the extended exosphere of GJ436 b. <i>Astronomy and Astrophysics</i> , 2015, 582, A65.	5.1	61
9	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
10	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
11	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
12	The $\hat{1}^2$ Pictoris b Hill sphere transit campaign. <i>Astronomy and Astrophysics</i> , 2021, 648, A15.	5.1	6
13	The IAU working definition of an exoplanet. <i>New Astronomy Reviews</i> , 2022, 94, 101641.	12.8	5