

Baptiste Lavie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1861451/publications.pdf>

Version: 2024-02-01

9
papers

789
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Nightside condensation of iron in an ultrahot giant exoplanet. <i>Nature</i> , 2020, 580, 597-601.	27.8	178
2	HELIOS: AN OPEN-SOURCE, GPU-ACCELERATED RADIATIVE TRANSFER CODE FOR SELF-CONSISTENT EXOPLANETARY ATMOSPHERES. <i>Astronomical Journal</i> , 2017, 153, 56.	4.7	128
3	HELIOSâ€“RETRIEVAL: An Open-source, Nested Sampling Atmospheric Retrieval Code; Application to the HR 8799 Exoplanets and Inferred Constraints for Planet Formation. <i>Astronomical Journal</i> , 2017, 154, 91.	4.7	101
4	The long egress of GJ 436bâ€™s giant exosphere. <i>Astronomy and Astrophysics</i> , 2017, 605, L7.	5.1	94
5	Neutral Iron Emission Lines from the Dayside of KELT-9b: The GAPS Program with HARPS-N at TNG XX. <i>Astrophysical Journal Letters</i> , 2020, 894, L27.	8.3	84
6	A NON-ISOTHERMAL THEORY FOR INTERPRETING SODIUM LINES IN TRANSMISSION SPECTRA OF EXOPLANETS. <i>Astrophysical Journal Letters</i> , 2015, 803, L9.	8.3	55
7	Wind of change: retrieving exoplanet atmospheric winds from high-resolution spectroscopy. <i>Astronomy and Astrophysics</i> , 2020, 633, A86.	5.1	53
8	Retrieval Analysis of the Emission Spectrum of WASP-12b: Sensitivity of Outcomes to Prior Assumptions and Implications for Formation History. <i>Astrophysical Journal Letters</i> , 2017, 847, L3.	8.3	49
9	MIRACLES: atmospheric characterization of directly imaged planets and substellar companions at $\sim 5 \times 10^{-5}$ m. <i>Astronomy and Astrophysics</i> , 2020, 635, A182.	5.1	47