

Kamen Todorov

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,090
citations

759233

12
h-index

1058476

14
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docs citations

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times ranked

1504
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for disequilibrium chemistry from vertical mixing in hot Jupiter atmospheres. <i>Astronomy and Astrophysics</i> , 2021, 648, A127.	5.1	24
2	MIRACLES: atmospheric characterization of directly imaged planets and substellar companions at 4×10^{-5} m. <i>Astronomy and Astrophysics</i> , 2020, 635, A182.	5.1	47
3	MIRACLES: atmospheric characterization of directly imaged planets and substellar companions at 4×10^{-5} m. <i>Astronomy and Astrophysics</i> , 2020, 644, A13.	5.1	27
4	Ground-based optical transmission spectrum of the hot Jupiter HAT-P-1b. <i>Astronomy and Astrophysics</i> , 2019, 631, A169.	5.1	12
5	Phase Curves of WASP-33b and HD 149026b and a New Correlation between Phase Curve Offset and Irradiation Temperature. <i>Astronomical Journal</i> , 2018, 155, 83.	4.7	103
6	Mid-infrared characterization of the planetary-mass companion ROXs 42B b. <i>Astronomy and Astrophysics</i> , 2017, 601, A65.	5.1	7
7	High signal-to-noise spectral characterization of the planetary-mass object HD 106906 b. <i>Astronomy and Astrophysics</i> , 2017, 608, A71.	5.1	13
8	THE WATER ABUNDANCE OF THE DIRECTLY IMAGED SUBSTELLAR COMPANION τ AND b RETRIEVED FROM A NEAR INFRARED SPECTRUM. <i>Astrophysical Journal</i> , 2016, 823, 14.	4.5	45
9	3.6 AND 4.5 μ m SPITZER PHASE CURVES OF THE HIGHLY IRRADIATED HOT JUPITERS WASP-19b AND HAT-P-7b. <i>Astrophysical Journal</i> , 2016, 823, 122.	4.5	129
10	3.6 AND 4.5 μ m PHASE CURVES OF THE HIGHLY IRRADIATED ECCENTRIC HOT JUPITER WASP-14b. <i>Astrophysical Journal</i> , 2015, 811, 122.	4.5	97
11	SPITZER SECONDARY ECLIPSES OF THE DENSE, MODESTLY-IRRADIATED, GIANT EXOPLANET HAT-P-20b USING PIXEL-LEVEL DECORRELATION. <i>Astrophysical Journal</i> , 2015, 805, 132.	4.5	212
12	A SEARCH FOR COMPANIONS TO BROWN DWARFS IN THE TAURUS AND CHAMAELEON STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2014, 788, 40.	4.5	26
13	ATMOSPHERIC CHARACTERIZATION OF THE HOT JUPITER KEPLER-13Ab. <i>Astrophysical Journal</i> , 2014, 788, 92.	4.5	110
14	Water vapour absorption in the clear atmosphere of a Neptune-sized exoplanet. <i>Nature</i> , 2014, 513, 526-529.	27.8	238