

Angelos Tsiaras

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,325
citations

471509

17
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	ExoClock project: an open platform for monitoring the ephemerides of Ariel targets with contributions from the public. <i>Experimental Astronomy</i> , 2022, 53, 547-588.	3.7	17
2	Disentangling atmospheric compositions of K2-18 b with next generation facilities. <i>Experimental Astronomy</i> , 2022, 53, 391-416.	3.7	6
3	ExoClock Project. II. A Large-scale Integrated Study with 180 Updated Exoplanet Ephemerides. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 40.	7.7	24
4	Five Key Exoplanet Questions Answered via the Analysis of 25 Hot-Jupiter Atmospheres in Eclipse. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 3.	7.7	33
5	The Transmission Spectrum of WASP-17 b From the Optical to the Near-infrared Wavelengths: Combining STIS, WFC3, and IRAC Data Sets. <i>Astronomical Journal</i> , 2022, 164, 2.	4.7	8
6	Original Research by Young Twinkle Students (ORBYTS): ephemeris refinement of transiting exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 5671-5684.	4.4	19
7	PyLightcurve-torch: a transit modeling package for deep learning applications in PyTorch. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 034505.	3.1	6
8	On the Compatibility of Ground-based and Space-based Data: WASP-96 b, an Example*. <i>Astronomical Journal</i> , 2021, 161, 4.	4.7	38
9	ARES IV: Probing the Atmospheres of the Two Warm Small Planets HD 106315c and HD 3167c with the HST/WFC3 Camera*. <i>Astronomical Journal</i> , 2021, 161, 19.	4.7	25
10	Hubble WFC3 Spectroscopy of the Habitable-zone Super-Earth LHS 1140 b. <i>Astronomical Journal</i> , 2021, 161, 44.	4.7	45
11	ARES I: WASP-76 b, A Tale of Two HST Spectra*. <i>Astronomical Journal</i> , 2020, 160, 8.	4.7	56
12	The ExoTETHyS Package: Tools for Exoplanetary Transits around Host Stars. <i>Astronomical Journal</i> , 2020, 159, 75.	4.7	45
13	Detrending Exoplanetary Transit Light Curves with Long Short-term Memory Networks. <i>Astronomical Journal</i> , 2020, 159, 109.	4.7	10
14	ARES. II. Characterizing the Hot Jupiters WASP-127 b, WASP-79 b, and WASP-62b with the Hubble Space Telescope*. <i>Astronomical Journal</i> , 2020, 160, 109.	4.7	52
15	ARES. III. Unveiling the Two Faces of KELT-7 b with HST WFC3*. <i>Astronomical Journal</i> , 2020, 160, 112.	4.7	33
16	Integrating Light Curve and Atmospheric Modeling of Transiting Exoplanets. <i>Astronomical Journal</i> , 2020, 160, 171.	4.7	14
17	WASP-117 b: An Eccentric Hot Saturn as a Future Complex Chemistry Laboratory. <i>Astronomical Journal</i> , 2020, 160, 233.	4.7	17
18	KELT-11 b: Abundances of Water and Constraints on Carbon-bearing Molecules from the Hubble Transmission Spectrum. <i>Astronomical Journal</i> , 2020, 160, 260.	4.7	20

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19	Original Research by Young Twinkle Students (Orbyts): Ephemeris Refinement of Transiting Exoplanets II. Research Notes of the AAS, 2020, 4, 109.	0.7	6
20	Pushing the Limits of Exoplanet Discovery via Direct Imaging with Deep Learning. Lecture Notes in Computer Science, 2020, , 322-338.	1.3	4
21	Water vapour in the atmosphere of the habitable-zone eight-Earth-mass planet K2-18 b. Nature Astronomy, 2019, 3, 1086-1091.	10.1	204
22	The Transiting Exoplanet Community Early Release Science Program for <i>JWST</i>. Publications of the Astronomical Society of the Pacific, 2018, 130, 114402.	3.1	100
23	A chemical survey of exoplanets with ARIEL. Experimental Astronomy, 2018, 46, 135-209.	3.7	249
24	A Population Study of Gaseous Exoplanets. Astronomical Journal, 2018, 155, 156.	4.7	219
25	Evidence for Atmospheric Cold-trap Processes in the Noninverted Emission Spectrum of Kepler-13Ab Using HST/WFC3. Astronomical Journal, 2017, 154, 158.	4.7	71