Angelos Tsiaras

List of Publications by Year
in descending order

25	1,325	471509	552781
papers	citations	17	26
		h-index	g-index

26	26	26	1223
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	A chemical survey of exoplanets with ARIEL. Experimental Astronomy, 2018, 46, 135-209.	3.7	249
2	A Population Study of Gaseous Exoplanets. Astronomical Journal, 2018, 155, 156.	4.7	219
3	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
4	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
5	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
6	ARES I: WASP-76 b, A Tale of Two HST Spectra*. Astronomical Journal, 2020, 160, 8.	4.7	56
7	ARES. II. Characterizing the Hot Jupiters WASP-127 b, WASP-79 b, and WASP-62b with the Hubble Space Telescope*. Astronomical Journal, 2020, 160, 109.	4.7	52
8	The ExoTETHyS Package: Tools for Exoplanetary Transits around Host Stars. Astronomical Journal, 2020, 159, 75.	4.7	45
9	Hubble WFC3 Spectroscopy of the Habitable-zone Super-Earth LHS 1140 b. Astronomical Journal, 2021, 161, 44.	4.7	45
10	On the Compatibility of Ground-based and Space-based Data: WASP-96 b, an Example*. Astronomical Journal, 2021, 161, 4.	4.7	38
11	ARES. III. Unveiling the Two Faces of KELT-7 b with HST WFC3*. Astronomical Journal, 2020, 160, 112.	4.7	33
12	Five Key Exoplanet Questions Answered via the Analysis of 25 Hot-Jupiter Atmospheres in Eclipse. Astrophysical Journal, Supplement Series, 2022, 260, 3.	7.7	33
13	ARES IV: Probing the Atmospheres of the Two Warm Small Planets HD 106315c and HD 3167c with the HST/WFC3 Camera*. Astronomical Journal, 2021, 161, 19.	4.7	25
14	ExoClock Project. II. A Large-scale Integrated Study with 180 Updated Exoplanet Ephemerides. Astrophysical Journal, Supplement Series, 2022, 258, 40.	7.7	24
15	KELT-11 b: Abundances of Water and Constraints on Carbon-bearing Molecules from the Hubble Transmission Spectrum. Astronomical Journal, 2020, 160, 260.	4.7	20
16	Original Research by Young Twinkle Students (ORBYTS): ephemeris refinement of transiting exoplanets. Monthly Notices of the Royal Astronomical Society, 2021, 504, 5671-5684.	4.4	19
17	ExoClock project: an open platform for monitoring the ephemerides of Ariel targets with contributions from the public. Experimental Astronomy, 2022, 53, 547-588.	3.7	17
18	WASP-117 b: An Eccentric Hot Saturn as a Future Complex Chemistry Laboratory. Astronomical Journal, 2020, 160, 233.	4.7	17

#	ARTICLE	IF	CITATIONS
19	Integrating Light Curve and Atmospheric Modeling of Transiting Exoplanets. Astronomical Journal, 2020, 160, 171.	4.7	14
20	Detrending Exoplanetary Transit Light Curves with Long Short-term Memory Networks. Astronomical Journal, 2020, 159, 109.	4.7	10
21	The Transmission Spectrum of WASP-17 b From the Optical to the Near-infrared Wavelengths: Combining STIS, WFC3, and IRAC Data Sets. Astronomical Journal, 2022, 164, 2.	4.7	8
22	PyLightcurve-torch: a transit modeling package for deep learning applications in PyTorch. Publications of the Astronomical Society of the Pacific, 2021, 133, 034505.	3.1	6
23	Disentangling atmospheric compositions of K2-18 b with next generation facilities. Experimental Astronomy, 2022, 53, 391-416.	3.7	6
24	Original Research by Young Twinkle Students (Orbyts): Ephemeris Refinement of Transiting Exoplanets II. Research Notes of the AAS, 2020, 4, 109.	0.7	6
25	Pushing the Limits of Exoplanet Discovery via Direct Imaging with Deep Learning. Lecture Notes in Computer Science, 2020, , 322-338.	1.3	4