Hugh J Dickinson

List of Publications by Year
in descending order

17	202	1163117 8	1058476 14
papers	citations	h-index	g-index

17	17	17	450
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detecting gravitational lenses using machine learning: exploring interpretability and sensitivity to rare lensing configurations. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3464-3479.	4.4	11
2	Practical galaxy morphology tools from deep supervised representation learning. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1581-1599.	4.4	15
3	A SuperWASP Light Curve Displaying a Single Long-duration Transit: A Jupiter Size Exoplanet in a Very Distant Orbit?. Research Notes of the AAS, 2022, 6, 84.	0.7	1
4	Galaxy Zoo: Clump Scout: Surveying the Local Universe for Giant Star-forming Clumps. Astrophysical Journal, 2022, 931, 16.	4.5	7
5	SuperWASP variable stars: classifying light curves using citizen science. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1299-1311.	4.4	9
6	An Old Stellar Population or Diffuse Nebular Continuum Emission Discovered in Green Pea Galaxies. Astrophysical Journal Letters, 2021, 912, L22.	8.3	9
7	Superresolving Herschel imaging: a proof of concept using Deep Neural Networks. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1546-1556.	4.4	7
8	Predicting the self-lensing population in optical surveys. Monthly Notices of the Royal Astronomical Society, 2021, 507, 374-384.	4.4	10
9	VeSPA: The SuperWASP Variable Star Photometry Archive. Research Notes of the AAS, 2021, 5, 228.	0.7	3
10	Identification of Single Spectral Lines in Large Spectroscopic Surveys Using UMLAUT: an Unsupervised Machine-learning Algorithm Based on Unbiased Topology. Astrophysical Journal, Supplement Series, 2021, 257, 67.	7.7	0
11	Identification of Single Spectral Lines through Supervised Machine Learning in a Large HST Survey (WISP): A Pilot Study for Euclid and WFIRST. Astrophysical Journal, Supplement Series, 2020, 249, 12.	7.7	4
12	Modeling with the crowd: Optimizing the human-machine partnership with Zooniverse. Proceedings of the International Astronomical Union, 2019, 15, 99-103.	0.0	1
13	Integrating human and machine intelligence in galaxy morphology classification tasks. Monthly Notices of the Royal Astronomical Society, 2018, 476, 5516-5534.	4.4	43
14	Galaxy Zoo: Morphological Classification of Galaxy Images from the Illustris Simulation. Astrophysical Journal, 2018, 853, 194.	4.5	20
15	GAMBIT: the global and modular beyond-the-standard-model inference tool. European Physical Journal C, 2018, 78, 1.	3.9	18
16	Galaxy Nurseries: Crowdsourced Analysis of Slitless Spectroscopic Data. Research Notes of the AAS, 2018, 2, 120.	0.7	3
17	GAMBIT: the global and modular beyond-the-standard-model inference tool. European Physical Journal C, 2017, 77, 1.	3.9	41