Edward Higson

List of Publications by Year
in descending order

11 papers	330 citations	1307594 7 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	747 citing authors

#	Article	IF	Citations
1	Dynamic nested sampling: an improved algorithm for parameter estimation and evidence calculation. Statistics and Computing, 2019, 29, 891-913.	1.5	159
2	Nested sampling for physical scientists. Nature Reviews Methods Primers, 2022, 2, .	21.2	40
3	<scp>nestcheck</scp>: diagnostic tests for nested sampling calculations. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2044-2056.	4.4	29
4	Sampling Errors in Nested Sampling Parameter Estimation. Bayesian Analysis, 2018, 13, .	3.0	25
5	Demonstration of laser pulse amplification by stimulated Brillouin scattering. High Power Laser Science and Engineering, 2014, 2, .	4.6	21
6	nestcheck: error analysis, diagnostic tests and plots for nested sampling calculations. Journal of Open Source Software, 2018, 3, 916.	4.6	18
7	Towards a framework for testing general relativity with extreme-mass-ratio-inspiral observations. Monthly Notices of the Royal Astronomical Society, 2018, 478, 28-40.	4.4	16
8	The effect of phase front deformation on the growth of the filamentation instability in laser–plasma interactions. New Journal of Physics, 2013, 15, 015027.	2.9	7
9	Bayesian sparse reconstruction: a brute-force approach to astronomical imaging and machine learning. Monthly Notices of the Royal Astronomical Society, 2018, , .	4.4	7
10	dyPolyChord: dynamic nested sampling with PolyChord. Journal of Open Source Software, 2018, 3, 965.	4.6	6
11	perfectns: perfect dynamic and standard nested sampling for spherically symmetric likelihoods and priors. Journal of Open Source Software, 2018, 3, 985.	4.6	2