Laura K Nuttall

List of Publications by Year
in descending order

18 papers	1,595 citations	687363 13 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	2542 citing authors

#	Article	IF	Citations
1	The Gravitational-wave Optical Transient Observer (GOTO): prototype performance and prospects for transient science. Monthly Notices of the Royal Astronomical Society, 2022, 511, 2405-2422.	4.4	18
2	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
3	Impact of noise transients on low latency gravitational-wave event localization. Physical Review D, 2022, 105, .	4.7	12
4	LIGO detector characterization in the second and third observing runs. Classical and Quantum Gravity, 2021, 38, 135014.	4.0	128
5	Approaching the motional ground state of a 10-kg object. Science, 2021, 372, 1333-1336.	12.6	59
6	Environmental noise in advanced LIGO detectors. Classical and Quantum Gravity, 2021, 38, 145001.	4.0	38
7	Issues of mismodeling gravitational-wave data for parameter estimation. Physical Review D, 2021, 103, .	4.7	8
8	Electromagnetic counterparts of gravitational-wave signals. Astronomy and Geophysics, 2021, 62, 4.15-4.21.	0.2	2
9	SkyPy: A package for modelling the Universe. Journal of Open Source Software, 2021, 6, 3056.	4.6	4
10	Dynamic normalization for compact binary coalescence searches in non-stationary noise. Classical and Quantum Gravity, 2020, 37, 215014.	4.0	24
11	Improving the robustness of the advanced LIGO detectors to earthquakes. Classical and Quantum Gravity, 2020, 37, 235007.	4.0	11
12	Blip glitches in Advanced LIGO data. Classical and Quantum Gravity, 2019, 36, 155010.	4.0	84
13	Improving the sensitivity of Advanced LIGO using noise subtraction. Classical and Quantum Gravity, 2019, 36, 055011.	4.0	69
14	Quantum-Enhanced Advanced LIGO Detectors in the Era of Gravitational-Wave Astronomy. Physical Review Letters, 2019, 123, 231107.	7.8	359
15	Characterizing transient noise in the LIGO detectors. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170286.	3.4	49
16	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	4.0	225
17	Prospects for Observing and Localizing Gravitational-Wave Transients with Advanced LIGO and Advanced Virgo. Living Reviews in Relativity, 2016, 19, 1.	26.7	427
18	Improving the data quality of Advanced LIGO based on early engineering run results. Classical and Quantum Gravity, 2015, 32, 245005.	4.0	58