

Laura K Nuttall

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,595
citations

687363

13
h-index

839539

18
g-index

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all docs

18
docs citations

18
times ranked

2542
citing authors

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