J Mciver

List of Publications by Year in descending order

14 papers	1,782 citations	933447 10 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	2879 citing authors

#	Article	IF	Citations
1	GWSkyNet-Multi: A Machine-learning Multiclass Classifier for LIGOâ€“Virgo Public Alerts. Astrophysical Journal, 2022, 927, 232.	4.5	4
2	Prospects for Measuring Off-axis Spins of Binary Black Holes with Plus-era Gravitational-wave Detectors. Astrophysical Journal, 2022, 928, 21.	4.5	4
3	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
4	UniMAP: model-free detection of unclassified noise transients in LIGO-Virgo data using the temporal outlier factor. Classical and Quantum Gravity, 2022, 39, 135011.	4.0	2
5	Parameterised population models of transient non-Gaussian noise in the LIGO gravitational-wave detectors. Classical and Quantum Gravity, 2022, 39, 175004.	4.0	14
6	Approaching the motional ground state of a 10-kg object. Science, 2021, 372, 1333-1336.	12.6	59
7	Sensitivity and performance of the Advanced LIGO detectors in the third observing run. Physical Review D, 2020, 102, .	4.7	196
8	New methods to assess and improve LIGO detector duty cycle. Classical and Quantum Gravity, 2020, 37, 175008.	4.0	5
9	GWSkyNet: A Real-time Classifier for Public Gravitational-wave Candidates. Astrophysical Journal Letters, 2020, 904, L9.	8.3	14
10	Detecting Supermassive Black Holeâ€“induced Binary Eccentricity Oscillations with LISA. Astrophysical Journal Letters, 2019, 875, L31.	8.3	52
11	Quantum-Enhanced Advanced LIGO Detectors in the Era of Gravitational-Wave Astronomy. Physical Review Letters, 2019, 123, 231107.	7.8	359
12	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	26.7	808
13	Identification and mitigation of narrow spectral artifacts that degrade searches for persistent gravitational waves in the first two observing runs of Advanced LIGO. Physical Review D, 2018, 97, .	4.7	104
14	Seismic isolation of Advanced LIGO: Review of strategy, instrumentation and performance. Classical and Quantum Gravity, 2015, 32, 185003.	4.0	141