

J Mciver

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7331932/publications.pdf>

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