

Jeff Kissel

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,656
citations

430874

18
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

3537
citing authors

#	ARTICLE	IF	CITATIONS
1	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
2	Physical approach to the marginalization of LIGO calibration uncertainties. Physical Review D, 2021, 103, .	4.7	27
3	LIGO detector characterization in the second and third observing runs. Classical and Quantum Gravity, 2021, 38, 135014.	4.0	128
4	Approaching the motional ground state of a 10-kg object. Science, 2021, 372, 1333-1336.	12.6	59
5	Initial results from the LIGO Newtonian calibrator. Physical Review D, 2021, 104, .	4.7	10
6	Sensitivity and performance of the Advanced LIGO detectors in the third observing run. Physical Review D, 2020, 102, .	4.7	196
7	Machine-learning nonstationary noise out of gravitational-wave detectors. Physical Review D, 2020, 101, .	4.7	70
8	Towards windproofing LIGO: reducing the effect of wind-driven floor tilt by using rotation sensors in active seismic isolation. Classical and Quantum Gravity, 2020, 37, 185018.	4.0	11
9	Characterization of systematic error in Advanced LIGO calibration. Classical and Quantum Gravity, 2020, 37, 225008.	4.0	98
10	Gravitational-wave astronomy with a physical calibration model. Physical Review D, 2020, 102, .	4.7	28
11	Advanced LIGO squeezer platform for backscattered light and optical loss reduction. Classical and Quantum Gravity, 2020, 37, 215015.	4.0	2
12	Blip glitches in Advanced LIGO data. Classical and Quantum Gravity, 2019, 36, 155010.	4.0	84
13	Improving astrophysical parameter estimation via offline noise subtraction for Advanced LIGO. Physical Review D, 2019, 99, .	4.7	77
14	Quantum-Enhanced Advanced LIGO Detectors in the Era of Gravitational-Wave Astronomy. Physical Review Letters, 2019, 123, 231107.	7.8	359
15	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
16	Reconstructing the calibrated strain signal in the Advanced LIGO detectors. Classical and Quantum Gravity, 2018, 35, 095015.	4.0	57
17	Improving LIGO calibration accuracy by tracking and compensating for slow temporal variations. Classical and Quantum Gravity, 2017, 34, 015002.	4.0	25
18	The Advanced LIGO photon calibrators. Review of Scientific Instruments, 2016, 87, 114503.	1.3	65

#	ARTICLE	IF	CITATIONS
19	Sensitivity of the Advanced LIGO detectors at the beginning of gravitational wave astronomy. Physical Review D, 2016, 93, .	4.7	286
20	Update on quadruple suspension design for Advanced LIGO. Classical and Quantum Gravity, 2012, 29, 235004.	4.0	123
21	Observation of a kilogram-scale oscillator near its quantum ground state. New Journal of Physics, 2009, 11, 073032.	2.9	123