

Peter K Fritschel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8130488/publications.pdf>

Version: 2024-02-01

11
papers

1,966
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

3073
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Quantum-Enhanced Advanced LIGO Detectors in the Era of Gravitational-Wave Astronomy. Physical Review Letters, 2019, 123, 231107.	7.8	359
3	Sensitivity and performance of the Advanced LIGO detectors in the third observing run. Physical Review D, 2020, 102, .	4.7	196
4	Seismic isolation of Advanced LIGO: Review of strategy, instrumentation and performance. Classical and Quantum Gravity, 2015, 32, 185003.	4.0	141
5	Observation of a kilogram-scale oscillator near its quantum ground state. New Journal of Physics, 2009, 11, 073032.	2.9	123
6	Frequency-Dependent Squeezing for Advanced LIGO. Physical Review Letters, 2020, 124, 171102.	7.8	99
7	Calibration of the Advanced LIGO detectors for the discovery of the binary black-hole merger GW150914. Physical Review D, 2017, 95, .	4.7	72
8	Approaching the motional ground state of a 10-kg object. Science, 2021, 372, 1333-1336.	12.6	59
9	Ultra-low phase noise squeezed vacuum source for gravitational wave detectors. Optica, 2016, 3, 682.	9.3	52
10	Environmental noise in advanced LIGO detectors. Classical and Quantum Gravity, 2021, 38, 145001.	4.0	38
11	LIGO's quantum response to squeezed states. Physical Review D, 2021, 104, .	4.7	19