

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