

Hiro Yamamoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/918811/publications.pdf>

Version: 2024-02-01

14
papers

1,697
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

2173
citing authors

#	ARTICLE	IF	CITATIONS
1	Interferometer design of the KAGRA gravitational wave detector. Physical Review D, 2013, 88, .	4.7	722
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	A cryogenic silicon interferometer for gravitational-wave detection. Classical and Quantum Gravity, 2020, 37, 165003.	4.0	120
5	Observation of Parametric Instability in Advanced LIGO. Physical Review Letters, 2015, 114, 161102.	7.8	87
6	Approaching the motional ground state of a 10-kg object. Science, 2021, 372, 1333-1336.	12.6	59
7	Gravitational-wave physics with Cosmic Explorer: Limits to low-frequency sensitivity. Physical Review D, 2021, 103, .	4.7	37
8	Sapphire mirror for the KAGRA gravitational wave detector. Physical Review D, 2014, 89, .	4.7	31
9	First Demonstration of Electrostatic Damping of Parametric Instability at Advanced LIGO. Physical Review Letters, 2017, 118, 151102.	7.8	24
10	Point absorbers in Advanced LIGO. Applied Optics, 2021, 60, 4047.	1.8	24
11	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
12	Characterization of Core Optics in Gravitational-Wave Detectors: Case Study of KAGRA Sapphire Mirrors. Physical Review Applied, 2020, 14, .	3.8	12
13	Point Absorber Limits to Future Gravitational-Wave Detectors. Physical Review Letters, 2021, 127, 241102.	7.8	3
14	Measurement of the stray light in the Advanced Virgo input mode cleaner cavity using an instrumented baffle. Classical and Quantum Gravity, 2022, 39, 115011.	4.0	3