

Denis Martynov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11629139/publications.pdf>

Version: 2024-02-01

11
papers

355
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

626
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Parametric Instability in Advanced LIGO. Physical Review Letters, 2015, 114, 161102.	7.8	87
2	Exploring the sensitivity of gravitational wave detectors to neutron star physics. Physical Review D, 2019, 99, .	4.7	78
3	Prospects for Detecting Gravitational Waves at 5ÂHz with Ground-Based Detectors. Physical Review Letters, 2018, 120, 141102.	7.8	47
4	Towards the design of gravitational-wave detectors for probing neutron-star physics. Physical Review D, 2018, 98, .	4.7	42
5	Quantum correlations of light mediated by gravity. Physical Review A, 2020, 101, .	2.5	34
6	Testing Gravitational Memory Generation with Compact Binary Mergers. Physical Review Letters, 2018, 121, 071102.	7.8	24
7	Quantum-enhanced interferometry for axion searches. Physical Review D, 2020, 101, .	4.7	17
8	Passive optical gyroscope with double homodyne readout. Optics Letters, 2019, 44, 1584.	3.3	16
9	A six degree-of-freedom fused silica seismometer: designÂand tests of a metal prototype. Classical and Quantum Gravity, 2022, 39, 015006.	4.0	9
10	Quantum squeezing schemes for heterodyne readout. Physical Review D, 2020, 101, .	4.7	1
11	Two-Carrier Scheme: Evading the 3ÂdB Quantum Penalty of Heterodyne Readout in Gravitational-Wave Detectors. Physical Review Letters, 2021, 126, 221301.	7.8	0