

Zhu-Cheng Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

100
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Extreme expected values and their applications in quantum metrology. <i>Physical Review A</i> , 2022, 105, .	2.5	2
2	Measuring orbital angular momentum of vortex beams in optomechanics. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	14
3	Single-photon-triggered spin squeezing with decoherence reduction in optomechanics via phase matching. <i>Physical Review A</i> , 2021, 104, .	2.5	6
4	PT -symmetry-breaking-enhanced cavity optomechanical magnetometry. <i>Physical Review A</i> , 2020, 102, .	2.5	12
5	The weak Coulomb force estimation via an optomechanical system. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 105401.	1.5	0
6	Photon-assisted entanglement and squeezing generation and decoherence suppression via a quadratic optomechanical coupling. <i>Optics Express</i> , 2020, 28, 2732.	3.4	10
7	Transmission properties and  $\langle \text{PT} \rangle$ -symmetry in a hybrid quantum electromechanical system. <i>Results in Physics</i> , 2019, 15, 102560.	4.1	3
8	Effects of the Casimir force on the properties of a hybrid optomechanical system. <i>Chinese Physics B</i> , 2019, 28, 014202.	1.4	9
9	Normal Mode Splitting in a Weakly Coupled Electromechanical System with a Mechanical Modulation. <i>Annalen Der Physik</i> , 2019, 531, 1800461.	2.4	11
10	Quadrature squeezing of the mechanical mode in a superconducting electromechanical system. <i>Laser Physics Letters</i> , 2019, 16, 015205.	1.4	3
11	Quantum squeezing in a modulated optomechanical system. <i>Optics Express</i> , 2018, 26, 11915.	3.4	27
12	Properties of the output field of a hybrid superconducting quantum circuit system. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 175504.	1.5	3