

Chang-Woo Lee

List of Publications by Year in descending order

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18
papers

347
citations

933447

10
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888059

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18
all docs

18
docs citations

18
times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of Macroscopic Quantum Superpositions within Phase Space. <i>Physical Review Letters</i> , 2011, 106, 220401.	7.8	101
2	Quantum tele-amplification with a continuous-variable superposition state. <i>Nature Photonics</i> , 2013, 7, 439-443.	31.4	44
3	Generating a Schrödinger-cat-like state via a coherent superposition of photonic operations. <i>Physical Review A</i> , 2012, 85, .	2.5	30
4	Quantum phase estimation using a multi-headed cat state. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, 1186.	2.1	27
5	Quantum walk as a simulator of nonlinear dynamics: Nonlinear Dirac equation and solitons. <i>Physical Review A</i> , 2015, 92, .	2.5	25
6	Faithful test of nonlocal realism with entangled coherent states. <i>Physical Review A</i> , 2011, 83, .	2.5	24
7	Increasing and decreasing entanglement characteristics for continuous variables by a local photon subtraction. <i>Physical Review A</i> , 2013, 87, .	2.5	21
8	Effects of squeezing on quantum nonlocality of superpositions of coherent states. <i>Physical Review A</i> , 2009, 80, .	2.5	15
9	Quantum macroscopicity measure for arbitrary spin systems and its application to quantum phase transitions. <i>Physical Review A</i> , 2016, 94, .	2.5	14
10	Quantum steering for continuous-variable states. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 2483.	2.1	11
11	Quantum theory of amplified total internal reflection due to evanescent-mode coupling. <i>Physical Review A</i> , 2000, 62, .	2.5	8
12	Measurement of angular distribution of radiation from dye molecules coupled to evanescent wave. <i>Physical Review A</i> , 2002, 66, .	2.5	6
13	Logical measurement-based quantum computation in circuit-QED. <i>Scientific Reports</i> , 2019, 9, 16592.	3.3	6
14	Duality in entanglement of macroscopic states of light. <i>Physical Review A</i> , 2016, 94, .	2.5	5
15	Inseparability criterion using higher-order Schrödinger-Robertson uncertainty relation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 656.	2.1	4
16	Quantum electromagnetic fields in the presence of a dielectric microsphere. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 4821-4831.	1.5	3
17	Effective formalism for open-quantum-system dynamics: Time-coarse-graining approach. <i>Physical Review A</i> , 2018, 97, .	2.5	3
18	A quantum algorithm for obtaining the lowest eigenstate of a Hamiltonian assisted with an ancillary qubit system. <i>Quantum Information Processing</i> , 2015, 14, 103-118.	2.2	0