

Deshui Yu

List of Publications by Year in descending order

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21
papers

308
citations

1040056

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888059

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22
docs citations

22
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	Whispering-gallery-mode sensors for biological and physical sensing. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	21.2	66
2	Quantum nanophotonic and nanoplasmonic sensing: towards quantum optical bioscience laboratories on chip. <i>Nanophotonics</i> , 2021, 10, 1387-1435.	6.0	32
3	Optical Clock with Millihertz Linewidth Based on a Phase-Matching Effect. <i>Physical Review Letters</i> , 2007, 98, 050801.	7.8	29
4	Charge-qubit-atom hybrid. <i>Physical Review A</i> , 2016, 93, .	2.5	24
5	Superconducting resonator and Rydberg atom hybrid system in the strong coupling regime. <i>Physical Review A</i> , 2016, 94, .	2.5	21
6	Theoretical description of a micromaser in the ultrastrong-coupling regime. <i>Physical Review A</i> , 2017, 95, .	2.5	16
7	Quantum State Transmission in a Superconducting Charge Qubit-Atom Hybrid. <i>Scientific Reports</i> , 2016, 6, 38356.	3.3	15
8	Optical Clocks Based on Quantum Emitters. , 2006, , .		10
9	Microscale whispering-gallery-mode light sources with lattice-confined atoms. <i>Scientific Reports</i> , 2021, 11, 13899.	3.3	9
10	Proposed Active Optical Frequency Standards based on Magneto-optical Trap Trapped Atoms. <i>Frequency Control Symposium and Exhibition, Proceedings of the IEEE International</i> , 2007, , .	0.0	8
11	Properties of far-field fluorescence from an ensemble of interacting Sr atoms. <i>Journal of Modern Optics</i> , 2016, 63, 428-442.	1.3	8
12	Single-photon emitter based on an ensemble of lattice-trapped interacting atoms. <i>Physical Review A</i> , 2014, 89, .	2.5	7
13	Spontaneous PT-symmetry breaking in lasing dynamics. <i>Communications Physics</i> , 2021, 4, .	5.3	7
14	Active optomechanics. <i>Communications Physics</i> , 2022, 5, .	5.3	7
15	Multi-threshold second-order phase transition in laser. <i>Science Bulletin</i> , 2011, 56, 3812-3816.	1.7	6
16	Two coupled one-atom lasers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 797.	2.1	6
17	Feedback control of persistent-current oscillation based on the atomic-clock technique. <i>Physical Review A</i> , 2018, 97, .	2.5	6
18	Open Ising model perturbed by classical colored noise. <i>Physical Review A</i> , 2019, 100, .	2.5	6

#	ARTICLE	IF	CITATIONS
19	Allan deviation tells the binding properties in single-molecule sensing with whispering-gallery-mode optical microcavities. <i>Physical Review Research</i> , 2021, 3, .	3.6	5
20	Superradiant phase transition in an atom-cavity system combined with intracavity parametric down-conversion. <i>Physical Review A</i> , 2014, 90, .	2.5	2
21	Relaxation of Rabi dynamics in a superconducting multiple-qubit circuit. <i>Journal of Physics Communications</i> , 2018, 2, 095001.	1.2	1