

Deshui Yu

List of Publications by Year in descending order

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times ranked

187
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Active optomechanics. <i>Communications Physics</i> , 2022, 5, . | 5.3 | 7 |
| 2 | Quantum nanophotonic and nanoplasmonic sensing: towards quantum optical bioscience laboratories on chip. <i>Nanophotonics</i> , 2021, 10, 1387-1435. | 6.0 | 32 |
| 3 | Spontaneous PT-symmetry breaking in lasing dynamics. <i>Communications Physics</i> , 2021, 4, . | 5.3 | 7 |
| 4 | 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 |
| 5 | Microscale whispering-gallery-mode light sources with lattice-confined atoms. <i>Scientific Reports</i> , 2021, 11, 13899. | 3.3 | 9 |
| 6 | Whispering-gallery-mode sensors for biological and physical sensing. <i>Nature Reviews Methods Primers</i> , 2021, 1, . | 21.2 | 66 |
| 7 | Open Ising model perturbed by classical colored noise. <i>Physical Review A</i> , 2019, 100, . | 2.5 | 6 |
| 8 | Relaxation of Rabi dynamics in a superconducting multiple-qubit circuit. <i>Journal of Physics Communications</i> , 2018, 2, 095001. | 1.2 | 1 |
| 9 | Feedback control of persistent-current oscillation based on the atomic-clock technique. <i>Physical Review A</i> , 2018, 97, . | 2.5 | 6 |
| 10 | Theoretical description of a micromaser in the ultrastrong-coupling regime. <i>Physical Review A</i> , 2017, 95, . | 2.5 | 16 |
| 11 | Superconducting resonator and Rydberg atom hybrid system in the strong coupling regime. <i>Physical Review A</i> , 2016, 94, . | 2.5 | 21 |
| 12 | Quantum State Transmission in a Superconducting Charge Qubit-Atom Hybrid. <i>Scientific Reports</i> , 2016, 6, 38356. | 3.3 | 15 |
| 13 | Two coupled one-atom lasers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 797. | 2.1 | 6 |
| 14 | Charge-qubit-atom hybrid. <i>Physical Review A</i> , 2016, 93, . | 2.5 | 24 |
| 15 | 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 |
| 16 | Single-photon emitter based on an ensemble of lattice-trapped interacting atoms. <i>Physical Review A</i> , 2014, 89, . | 2.5 | 7 |
| 17 | Superradiant phase transition in an atom-cavity system combined with intracavity parametric down-conversion. <i>Physical Review A</i> , 2014, 90, . | 2.5 | 2 |
| 18 | Multi-threshold second-order phase transition in laser. <i>Science Bulletin</i> , 2011, 56, 3812-3816. | 1.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Optical Clock with Millihertz Linewidth Based on a Phase-Matching Effect. Physical Review Letters, 2007, 98, 050801. | 7.8 | 29 |
| 20 | Proposed Active Optical Frequency Standards based on Magneto-optical Trap Trapped Atoms. Frequency Control Symposium and Exhibition, Proceedings of the IEEE International, 2007, , . | 0.0 | 8 |
| 21 | Optical Clocks Based on Quantum Emitters. , 2006, , . | | 10 |