

Xin-You LÃ^{1/4}

List of Publications by Year in descending order

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257357

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docs citations

39
times ranked

1431
citing authors

#	ARTICLE	IF	CITATIONS
1	Parity-Symmetry-Protected Multiphoton Bundle Emission. Physical Review Letters, 2021, 127, 073602.	2.9	25
2	Nonreciprocal chaos in a spinning optomechanical resonator. Physical Review A, 2021, 104, .	1.0	24
3	Experimental quantum simulation of superradiant phase transition beyond no-go theorem via antisqueezing. Nature Communications, 2021, 12, 6281.	5.8	23
4	N -Phonon Bundle Emission via the Stokes Process. Physical Review Letters, 2020, 124, 053601.	2.9	61
5	Intermittent chaos in cavity optomechanics. Physical Review A, 2020, 101, .	1.0	19
6	Interplay of quantum phase transition and flat band in hybrid lattices. Physical Review Research, 2020, 2, .	1.3	9
7	Single-photon-triggered quantum chaos. Physical Review A, 2019, 100, .	1.0	10
8	Entanglement and excited-state quantum phase transition in an extended Dicke model. Frontiers of Physics, 2019, 14, 1.	2.4	9
9	Collective radiance effects in the ultrastrong-coupling regime. Physical Review A, 2019, 99, .	1.0	28
10	Mass sensing by quantum criticality. Optics Letters, 2019, 44, 630.	1.7	16
11	Entanglement and quantum superposition induced by a single photon. Physical Review A, 2018, 97, .	1.0	54
12	Exponentially Enhanced Light-Matter Interaction, Cooperativities, and Steady-State Entanglement Using Parametric Amplification. Physical Review Letters, 2018, 120, 093601.	2.9	158
13	Detection of light-matter interaction in the weak-coupling regime by quantum light. Physical Review A, 2018, 97, .	1.0	5
14	Controllable nonlinearity in a dual-coupling optomechanical system under a weak-coupling regime. Physical Review A, 2018, 97, .	1.0	42
15	Chaos-related Localization in Modulated Lattice Array. Annalen Der Physik, 2018, 530, 1700218.	0.9	4
16	Two-photon blockade in a cascaded cavity-quantum-electrodynamics system. Physical Review A, 2018, 98, .	1.0	36
17	Switchable dynamics in the deep-strong-coupling regime. Physical Review A, 2018, 98, .	1.0	4
18	Single-Photon-Triggered Quantum Phase Transition. Physical Review Applied, 2018, 9, .	1.5	39

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19	Superfluidâ€™Mott-insulator transition in superconducting circuits with weak anharmonicity. Physical Review A, 2017, 96, .	1.0	5
20	Nonlinear effects in modulated quantum optomechanics. Physical Review A, 2017, 95, .	1.0	59
21	Hybrid Interference Induced Flat Band Localization in Bipartite Optomechanical Lattices. Scientific Reports, 2017, 7, 15188.	1.6	4
22	Controllable photon and phonon localization in optomechanical Lieb lattices. Optics Express, 2017, 25, 17364.	1.7	17
23	Controllable chaos in hybrid electro-optomechanical systems. Scientific Reports, 2016, 6, 22705.	1.6	16
24	Optomechanically induced sum sideband generation. Optics Express, 2016, 24, 5773. http://www.w3.org/1998/Math/MathML	1.7	59
25	Metrology with $\langle \text{PT} \rangle$ -Symmetric Cavities: Enhanced Sensitivity near the $\langle \text{PT} \rangle$ Phase Transition. Physical Review Letters	2.9	290
26	Macroscopic quantum entanglement in modulated optomechanics. Physical Review A, 2016, 94, .	1.0	76
27	Solitons in optomechanical arrays. Optics Letters, 2016, 41, 2676.	1.7	35
28	Steady-state mechanical squeezing in an optomechanical system via Duffing nonlinearity. Physical Review A, 2015, 91, .	1.0	165
29	Squeezed Optomechanics with Phase-Matched Amplification and Dissipation. Physical Review Letters, 2015, 114, 093602.	2.9	268
30	Optomechanically-induced transparency in parity-time-symmetric microresonators. Scientific Reports, 2015, 5, 9663.	1.6	261
31	Coherent destruction of tunneling in a lattice array with a controllable boundary. Physical Review A, 2015, 91, .	1.0	14
32	$\langle \text{PT} \rangle$ -Symmetry-Breaking Chaos in Optomechanics. Physical Review Letters, 2015, 114, 253601.	2.9	270
33	Nanosecond-pulse-controlled higher-order sideband comb in a GaAs optomechanical disk resonator in the non-perturbative regime. Annals of Physics, 2014, 349, 43-54.	1.0	36
34	$\langle \text{PT} \rangle$ -Symmetric Phonon Laser. Physical Review Letters, 2014, 113, 053604.	2.9	502
35	Carrier-envelope phase-dependent effect of high-order sideband generation in ultrafast driven optomechanical system. Optics Letters, 2013, 38, 353.	1.7	94
36	Quantum-criticality-induced strong Kerr nonlinearities in optomechanical systems. Scientific Reports, 2013, 3, 2943.	1.6	150

#	ARTICLE	IF	CITATIONS
37	N-qubitW state of spatially separated single molecule magnets. Optics Express, 2009, 17, 14298.	1.7	27
38	Entanglement via atomic coherence induced by two strong classical fields. Physical Review A, 2009, 80, .	1.0	34
39	Dispersive atom-field interaction scheme for three-dimensional entanglement between two spatially separated atoms. Physical Review A, 2008, 78, .	1.0	77