

Jin-Ming Liu

List of Publications by Year in descending order

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papers

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643344

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41
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Creation of high-dimensional entanglement of polar molecules via optimal control fields. <i>Physical Review A</i> , 2022, 105, .	1.0	4
2	Dynamics of Quantum Correlation and Entropic Uncertainty in Spin-1/2 Alternating Transverse Ising Model. <i>Annalen Der Physik</i> , 2022, 534, 2100352.	0.9	4
3	Deterministic controlled bidirectional remote state preparation in dissipative environments. <i>Communications in Theoretical Physics</i> , 2022, 74, 075101.	1.1	3
4	Quantum Fisher information of a qubit-qutrit system in Garfinkle-Horowitz-Strominger dilation space-time. <i>Communications in Theoretical Physics</i> , 2021, 73, 085102.	1.1	7
5	Interaction-Free Quantum Spectroscopy. <i>Advanced Photonics Research</i> , 2021, 2, 2000206.	1.7	6
6	Experimental demonstration of one-shot coherence distillation: realizing N-dimensional strictly incoherent operations. <i>Optica</i> , 2021, 8, 1003.	4.8	10
7	Coherence and entropic uncertainty relation of dipole-coupled qubits under decoherence. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 589, 126639.	1.2	1
8	Implementation of three-qubit quantum computation with pendular states of polar molecules by optimal control. <i>Journal of Chemical Physics</i> , 2020, 152, 044303.	1.2	8
9	Entropic uncertainty relation of a qubit-qutrit Heisenberg spin model and its steering. <i>Communications in Theoretical Physics</i> , 2020, 72, 125102.	1.1	10
10	Entropic uncertainty relation and quantum phase transition in spin-1/2 Heisenberg chain. <i>Laser Physics Letters</i> , 2020, 17, 095203.	0.6	15
11	Non-Markovianity in experimentally simulated quantum channels: Role of counterrotating-wave terms. <i>Physical Review A</i> , 2019, 100, .	1.0	6
12	Optical control of entanglement and coherence for polar molecules in pendular states. <i>Optics Express</i> , 2019, 27, 26588.	1.7	9
13	EPR steering of polar molecules in pendular states and their dynamics under intrinsic decoherence. <i>RSC Advances</i> , 2018, 8, 35928-35935.	1.7	3
14	Entropic Uncertainty Relation for Dirac Particles in Garfinkle-Horowitz-Strominger Dilation Space-Time. <i>Annalen Der Physik</i> , 2018, 530, 1800208.	0.9	17
15	Entropic uncertainty relation of a two-qutrit Heisenberg spin model in nonuniform magnetic fields and its dynamics under intrinsic decoherence. <i>Laser Physics Letters</i> , 2018, 15, 065207.	0.6	22
16	Generating double NOON states of photons in circuit QED. <i>Physical Review A</i> , 2017, 95, .	1.0	18
17	Enhancing the fidelity of remote state preparation by partial measurements. <i>Quantum Information Processing</i> , 2017, 16, 1.	1.0	12
18	Transferring arbitrary d-dimensional quantum states of a superconducting transmon qudit in circuit QED. <i>Scientific Reports</i> , 2017, 7, 7039.	1.6	15

#	ARTICLE	IF	CITATIONS
19	Quantum Correlations and Coherence of Polar Symmetric Top Molecules in Pendular States. Scientific Reports, 2017, 7, 17822.	1.6	23
20	Experimental simulation of a quantum channel without the rotating-wave approximation: testing quantum temporal steering. Optica, 2017, 4, 1065.	4.8	15
21	Generation of a macroscopic entangled coherent state using quantum memories in circuit QED. Scientific Reports, 2016, 6, 32004.	1.6	33
22	Deterministic remote two-qubit state preparation in dissipative environments. Quantum Information Processing, 2016, 15, 2155-2168.	1.0	23
23	Effects of noises on joint remote state preparation via a GHZ-class channel. Quantum Information Processing, 2015, 14, 3857-3877.	1.0	43
24	Deterministic joint remote preparation of an arbitrary two-qubit state in noisy environments. Quantum Information Processing, 2015, 14, 3465-3481.	1.0	33
25	Deterministic joint remote preparation of an arbitrary two-qubit state in the presence of noise. Chinese Physics B, 2014, 23, 020312.	0.7	18
26	Quantum Discord Dynamics of Three Qubits in Non-Markovian Environments. Communications in Theoretical Physics, 2014, 61, 691-698.	1.1	7
27	Quantum teleportation with partially entangled states via noisy channels. Quantum Information Processing, 2013, 12, 2671-2687.	1.0	16
28	Proposal for realizing a multiqubit tunable phase gate of one qubit simultaneously controlling target qubits using cavity QED. Physical Review A, 2012, 86, .	1.0	11
29	Joint remote state preparation of arbitrary two- and three-qubit states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 075501.	0.6	91
30	Assisted Cloning and Orthogonal Complementing of an Arbitrary Two-qubit State. International Journal of Theoretical Physics, 2011, 50, 2864-2870.	0.5	2
31	Scheme for assisted cloning an unknown arbitrary three-qubit state. Quantum Information Processing, 2011, 10, 567-574.	1.0	9
32	Remote state preparation via a GHZ-class state in noisy environments. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 115506.	0.6	24
33	Optical rotation of heavy hole spins by non-Abelian geometrical means. Physical Review B, 2009, 80, .	1.1	8
34	Remote preparation of arbitrary two- and three-qubit states. Europhysics Letters, 2009, 87, 30006.	0.7	73
35	PROBABILISTIC TELEPORTATION OF A TWO-ATOM ENTANGLED STATE IN CAVITY QED. International Journal of Modern Physics B, 2008, 22, 2129-2137.	1.0	1
36	DYNAMIC PROPERTIES OF THE LARGE-DETUNING CAVITY QED SYSTEM IN THE PRESENCE OF CAVITY DECAY. Modern Physics Letters B, 2008, 22, 2561-2570.	1.0	0

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37	ENTANGLEMENT SWAPPING AND CONCENTRATION IN THE TWO-PHOTON JAYNES-CUMMINGS MODEL. International Journal of Modern Physics B, 2007, 21, 2805-2812.	1.0	2
38	Remote Preparation of a Two-Particle Entangled State via Two Tripartite W Entangled States. International Journal of Theoretical Physics, 2007, 46, 2378-2383.	0.5	20
39	Approximate teleportation of an unknown atomic state in the two-photon Jaynes-Cummings model. Physica A: Statistical Mechanics and Its Applications, 2006, 367, 215-219.	1.2	18
40	THREE-MODE ENTANGLED STATE OF AN ATOMIC BOSE-EINSTEIN CONDENSATE IN A THREE-WELL POTENTIAL. International Journal of Modern Physics B, 2006, 20, 277-285.	1.0	7
41	Remote preparation of a two-particle entangled state. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 316, 159-167.	0.9	112