

Wang Am

List of Publications by Year in descending order

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58
papers

482
citations

758635

12
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752256

20
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58
all docs

58
docs citations

58
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing Quantum Teleportation and Dense Coding via Mixed Noise Under Non-Markovian Approximation. International Journal of Theoretical Physics, 2021, 60, 1225-1236.	0.5	3
2	Parameter estimation and quantum entanglement in PT symmetrical cavity magnonics system. Results in Physics, 2021, 26, 104430.	2.0	6
3	Quantum phase transition revealed by the exceptional point in a Hopfield-Bogoliubov matrix. Physical Review A, 2021, 104, .	1.0	1
4	Fractional charged edge states in ladder topological insulators. Journal of Physics Condensed Matter, 2019, 31, 125402.	0.7	3
5	High-dimensional cryptographic quantum parameter estimation. Quantum Information Processing, 2018, 17, 1.	1.0	7
6	Optimal quantum thermometry by dephasing. Quantum Information Processing, 2017, 16, 1.	1.0	10
7	Quantum metrology in coarsened measurement reference. Physical Review A, 2017, 95, .	1.0	5
8	Michelson interferometer for measuring temperature. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3038-3042.	0.9	3
9	Gravitational time dilation induced decoherence in spontaneous emission. Modern Physics Letters B, 2017, 31, 1750214.	1.0	0
10	Quantum discord in spin-1/2 Heisenberg chains with Dzyaloshinskiï€Moriya interaction. International Journal of Quantum Information, 2015, 13, 1450043.	0.6	1
11	Generation of multi-photon entanglement. International Journal of Quantum Information, 2015, 13, 1550018.	0.6	1
12	Continuous quantum measurement in spin environments. International Journal of Quantum Information, 2015, 13, 1550040.	0.6	0
13	Secure communication with choice of measurement. European Physical Journal D, 2014, 68, 1.	0.6	0
14	Quantum state transfer through a thermal spin channel. International Journal of Modern Physics B, 2014, 28, 1450090.	1.0	0
15	Uniaxial anisotropy effects in the mixed-spin Ising model on a decorated Bethe lattice. Physica A: Statistical Mechanics and Its Applications, 2014, 410, 218-225.	1.2	3
16	Quantum metrology in correlated environments. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 2079-2084.	0.9	9
17	QUANTUM TRANSPORT IN THE MARKOVIAN AND NON-MARKOVIAN ENVIRONMENT. Modern Physics Letters B, 2013, 27, 1350133.	1.0	3
18	Tripartite entanglement of a spin star model with Dzialoshinskiï€Moriya interaction. Quantum Information Processing, 2013, 12, 321-329.	1.0	5

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19	Tripartite entanglement of electron spins of noninteracting electron gases. Quantum Information Processing, 2013, 12, 1807-1818.	1.0	3
20	STORAGE AND RETRIEVAL OF THE QUANTUM STATE OF A PHOTON WITH TWO CENTRAL FREQUENCIES IN QUANTUM DOTS. Modern Physics Letters B, 2013, 27, 1350206.	1.0	1
21	Intersubband optical refractive index changes in an asymmetric quantum dot underlying an external static magnetic field. Superlattices and Microstructures, 2012, 51, 580-586.	1.4	12
22	Effect of Dzyaloshinskiâ€™Moriya interaction on the quantum discord of a spin-star model. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2500-2506.	1.2	8
23	ENTANGLEMENT DYNAMICS OF THREE-QUBIT STATES UNDER A SPIN ENVIRONMENT. International Journal of Quantum Information, 2011, 09, 791-800.	0.6	2
24	Dynamics of quantum discord under decoherence from a spin environment. Optics Communications, 2011, 284, 555-560.	1.0	6
25	Quantum discord for a central two-qubit system coupled to an XY spin chain with Dzyaloshinskiâ€™Moriya interaction. Physica Scripta, 2011, 84, 045021.	1.2	12
26	QUANTUM DISCORD IN THE THERMAL STATES OF A SPIN-STAR SYSTEM. Modern Physics Letters B, 2011, 25, 2289-2297.	1.0	4
27	Effect of non-Markovian dynamics on the violation of tripartite Bell inequalities. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 5103-5108.	1.2	7
28	The transfer of entanglement and Bell-nonlocality from system to environment. Optics Communications, 2010, 283, 3548-3552.	1.0	4
29	One-dimensional magnetized Tonksâ€™Girardeau gas properties in an external magnetic field. Journal of Physica A: Mathematical and Theoretical, 2010, 43, 165204.	0.7	2
30	Effect of Dzyaloshinskiâ€™Moriya anisotropic antisymmetric interaction on optimal dense coding. Physica Scripta, 2009, 79, 015005.	1.2	2
31	Entanglement dynamics and Bell violation of three-qubit states coupled to an XY spin chain with Dzyaloshinskiâ€™Moriya interaction. Optics Communications, 2009, 282, 4627-4632.	1.0	5
32	Entanglement dynamics and decoherence of two-qutrit states under an XY quantum environment. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 82-90.	1.2	1
33	Quantum strategies in moving frames. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 711-715.	0.9	0
34	Entanglement Dynamics of Multipartite States under an XY Quantum-Critical Environment. Journal of the Korean Physical Society, 2009, 55, 2317-2322.	0.3	1
35	Time evolution of pairwise entanglement between two atoms. Optics Communications, 2008, 281, 4155-4160.	1.0	3
36	Tripartite states Bell-nonlocality sudden death in an antiferromagnetic environment. Optics Communications, 2008, 281, 5475-5479.	1.0	15

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37	Effect of Dzyaloshinskii-Moriya anisotropic antisymmetric interaction and intrinsic decoherence on entanglement teleportation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 6686-6692.	1.2	9
38	Local implementation of nonlocal operations with block forms. <i>Physical Review A</i> , 2008, 78, .	1.0	23
39	Entanglement sudden death in a spin channel. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 11385-11393.	0.7	10
40	Hybrid protocol of remote implementations of quantum operations. <i>Physical Review A</i> , 2007, 76, .	1.0	22
41	Combined and controlled remote implementations of partially unknown quantum operations of multiqubits using Greenberger-Horne-Zeilinger states. <i>Physical Review A</i> , 2007, 75, .	1.0	50
42	Entanglement evolution of three-qubit states in a quantum-critical environment. <i>Physical Review B</i> , 2007, 76, .	1.1	40
43	Revised geometric measure of entanglement. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 3507-3537.	0.7	14
44	Disentanglement of 3-qubit states with stochastic dephasing. <i>Optics Communications</i> , 2007, 270, 465-469.	1.0	15
45	Probabilistic generalized controlled order rearrangement encryption and secret splitting using W-class state. <i>Optics Communications</i> , 2007, 275, 470-475.	1.0	3
46	Optimal dense coding with thermal entangled states. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 383, 325-330.	1.2	18
47	The effect of stochastic dephasing on the entanglement and coherence of qutrits. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 386, 590-596.	1.2	5
48	Threshold temperature of thermal entanglement in an XXZ ferromagnetic chain. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 369, 196-200.	0.9	5
49	Experimental simulation of a pairing Hamiltonian on an NMR quantum computer. <i>Chemical Physics Letters</i> , 2006, 422, 20-24.	1.2	18
50	Quantum simulation of pairing models on an NMR quantum computer. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 352, 304-308.	0.9	6
51	Direct diagonalization of Fock space for an exact solution of pairing model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 359, 597-602.	0.9	0
52	Remote implementations of partially unknown quantum operations of multiqubits. <i>Physical Review A</i> , 2006, 74, .	1.0	47
53	All-versus-nothing nonlocality for two photons from different sources. <i>Journal of Physics A</i> , 2005, 38, 3879-3882.	1.6	3
54	Entanglement dynamics and decoherence of three-qubit system in a fermionic environment. <i>Journal of Physics A</i> , 2005, 38, 2761-2772.	1.6	24

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55	Separability criterion and local information in separable states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 327, 103-106.	0.9	2
56	Greenbergerâ€“Horneâ€“Zeilinger correlation and Bell-type inequality seen from a moving frame. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 333, 389-394.	0.9	8
57	Extension of the Dirac-Bergmann theory of constrained systems. Physical Review A, 1996, 54, 57-80.	1.0	7
58	Corrected Forms of Physical Supplementary Conditions and Gauge Conditions in Singular Lagrangian Systems. Physical Review Letters, 1994, 73, 2011-2014.	2.9	5