

# Wang Am

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6982663/publications.pdf>

Version: 2024-02-01

58  
papers

482  
citations

758635

12  
h-index

752256

20  
g-index

58  
all docs

58  
docs citations

58  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Remote implementations of partially unknown quantum operations of multiqubits. <i>Physical Review A</i> , 2006, 74, .	1.0	47
3	Entanglement evolution of three-qubit states in a quantum-critical environment. <i>Physical Review B</i> , 2007, 76, .	1.1	40
4	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
5	Local implementation of nonlocal operations with block forms. <i>Physical Review A</i> , 2008, 78, .	1.0	23
6	Hybrid protocol of remote implementations of quantum operations. <i>Physical Review A</i> , 2007, 76, .	1.0	22
7	Experimental simulation of a pairing Hamiltonian on an NMR quantum computer. <i>Chemical Physics Letters</i> , 2006, 422, 20-24.	1.2	18
8	Optimal dense coding with thermal entangled states. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 383, 325-330.	1.2	18
9	Disentanglement of 3-qubit states with stochastic dephasing. <i>Optics Communications</i> , 2007, 270, 465-469.	1.0	15
10	Tripartite states Bell-nonlocality sudden death in an antiferromagnetic environment. <i>Optics Communications</i> , 2008, 281, 5475-5479.	1.0	15
11	Revised geometric measure of entanglement. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 3507-3537.	0.7	14
12	Quantum discord for a central two-qubit system coupled to an $XY$ spin chain with Dzyaloshinsky-Moriya interaction. <i>Physica Scripta</i> , 2011, 84, 045021.	1.2	12
13	Intersubband optical refractive index changes in an asymmetric quantum dot underlying an external static magnetic field. <i>Superlattices and Microstructures</i> , 2012, 51, 580-586.	1.4	12
14	Entanglement sudden death in a spin channel. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 11385-11393.	0.7	10
15	Optimal quantum thermometry by dephasing. <i>Quantum Information Processing</i> , 2017, 16, 1.	1.0	10
16	Effect of Dzyaloshinsky-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
17	Quantum metrology in correlated environments. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 2079-2084.	0.9	9
18	Greenberger-Horne-Zeilinger correlation and Bell-type inequality seen from a moving frame. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 333, 389-394.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Effect of Dzialoshinskiâ€™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
20	Extension of the Dirac-Bergmann theory of constrained systems. Physical Review A, 1996, 54, 57-80.	1.0	7
21	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
22	High-dimensional cryptographic quantum parameter estimation. Quantum Information Processing, 2018, 17, 1.	1.0	7
23	Quantum simulation of pairing models on an NMR quantum computer. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 352, 304-308.	0.9	6
24	Dynamics of quantum discord under decoherence from a spin environment. Optics Communications, 2011, 284, 555-560.	1.0	6
25	Parameter estimation and quantum entanglement in PT symmetrical cavity magnonics system. Results in Physics, 2021, 26, 104430.	2.0	6
26	Corrected Forms of Physical Supplementary Conditions and Gauge Conditions in Singular Lagrangian Systems. Physical Review Letters, 1994, 73, 2011-2014.	2.9	5
27	The effect of stochastic dephasing on the entanglement and coherence of qutrits. Physica A: Statistical Mechanics and Its Applications, 2007, 386, 590-596.	1.2	5
28	Threshold temperature of thermal entanglement in an XXZ ferromagnetic chain. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 369, 196-200.	0.9	5
29	Entanglement dynamics and Bell violation of three-qubit states coupled to an XY spin chain with Dzialoshinskiâ€™Moriya interaction. Optics Communications, 2009, 282, 4627-4632.	1.0	5
30	Tripartite entanglement of a spin star model with Dzialoshinskiâ€™Moriya interaction. Quantum Information Processing, 2013, 12, 321-329.	1.0	5
31	Quantum metrology in coarsened measurement reference. Physical Review A, 2017, 95, .	1.0	5
32	The transfer of entanglement and Bell-nonlocality from system to environment. Optics Communications, 2010, 283, 3548-3552.	1.0	4
33	QUANTUM DISCORD IN THE THERMAL STATES OF A SPIN-STAR SYSTEM. Modern Physics Letters B, 2011, 25, 2289-2297.	1.0	4
34	All-versus-nothing nonlocality for two photons from different sources. Journal of Physics A, 2005, 38, 3879-3882.	1.6	3
35	Probabilistic generalized controlled order rearrangement encryption and secret splitting using W-class state. Optics Communications, 2007, 275, 470-475.	1.0	3
36	Time evolution of pairwise entanglement between two atoms. Optics Communications, 2008, 281, 4155-4160.	1.0	3

#	ARTICLE	IF	CITATIONS
37	QUANTUM TRANSPORT IN THE MARKOVIAN AND NON-MARKOVIAN ENVIRONMENT. Modern Physics Letters B, 2013, 27, 1350133.	1.0	3
38	Tripartite entanglement of electron spins of noninteracting electron gases. Quantum Information Processing, 2013, 12, 1807-1818.	1.0	3
39	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
40	Michelson interferometer for measuring temperature. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3038-3042.	0.9	3
41	Fractional charged edge states in ladder topological insulators. Journal of Physics Condensed Matter, 2019, 31, 125402.	0.7	3
42	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
43	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
44	Effect of Dzyaloshinskiiâ€Moriya anisotropic antisymmetric interaction on optimal dense coding. Physica Scripta, 2009, 79, 015005.	1.2	2
45	One-dimensional magnetized Tonksâ€Girardeau gas properties in an external magnetic field. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 165204.	0.7	2
46	ENTANGLEMENT DYNAMICS OF THREE-QUBIT STATES UNDER A SPIN ENVIRONMENT. International Journal of Quantum Information, 2011, 09, 791-800.	0.6	2
47	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
48	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
49	Quantum discord in spin-1/2 Heisenberg chains with Dzyaloshinskiiâ€Moriya interaction. International Journal of Quantum Information, 2015, 13, 1450043.	0.6	1
50	Generation of multi-photon entanglement. International Journal of Quantum Information, 2015, 13, 1550018.	0.6	1
51	Entanglement Dynamics of Multipartite States under an XY Quantum-Critical Environment. Journal of the Korean Physical Society, 2009, 55, 2317-2322.	0.3	1
52	Quantum phase transition revealed by the exceptional point in a Hopfield-Bogoliubov matrix. Physical Review A, 2021, 104, .	1.0	1
53	Direct diagonalization of Fock space for an exact solution of pairing model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 359, 597-602.	0.9	0
54	Quantum strategies in moving frames. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 711-715.	0.9	0

#	ARTICLE	IF	CITATIONS
55	Secure communication with choice of measurement. European Physical Journal D, 2014, 68, 1.	0.6	0
56	Quantum state transfer through a thermal spin channel. International Journal of Modern Physics B, 2014, 28, 1450090.	1.0	0
57	Continuous quantum measurement in spin environments. International Journal of Quantum Information, 2015, 13, 1550040.	0.6	0
58	Gravitational time dilation induced decoherence in spontaneous emission. Modern Physics Letters B, 2017, 31, 1750214.	1.0	0