

Seyed Javad Akhtarshenas

List of Publications by Year in descending order

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papers

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all docs

36
docs citations

36
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutually unbiased measurements with arbitrary purity. Quantum Information Processing, 2021, 20, 1.	1.0	2
2	Parametrization of quantum states based on the quantum state discrimination problem. Quantum Information Processing, 2019, 18, 1.	1.0	3
3	Quantumness of quantum channels. Physical Review A, 2018, 98, .	1.0	15
4	Quantum Fisher information matrix for unitary processes: closed relation for SU(2). Quantum Information Processing, 2018, 17, 1.	1.0	1
5	Measuring quantum discord using the most distinguishable steered states. Quantum Information Processing, 2018, 17, 1.	1.0	0
6	Reexamination of strong subadditivity: A quantum-correlation approach. Physical Review A, 2017, 95, .	1.0	2
7	Comparison of quantum discord and fully entangled fraction of two classes of $d \times d$ states. Quantum Information Processing, 2017, 16, 1.	1.0	0
8	Two-qubit quantum cloning machine and quantum correlation broadcasting. Physical Review A, 2016, 94, .	1.0	1
9	Incoherent tunneling effects in a one-dimensional quantum walk. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 115301.	0.7	3
10	Revealing quantum correlation by negativity of the Wigner function. Quantum Information Processing, 2016, 15, 1999-2020.	1.0	12
11	Entangled graphs: a classification of four-qubit entanglement. European Physical Journal D, 2016, 70, 1.	0.6	27
12	Computable measure of total quantum correlations of multipartite systems. Quantum Information Processing, 2016, 15, 1601-1627.	1.0	0
13	Quantifying nonclassicality of correlations based on the concept of nondisruptive local state identification. Quantum Information Processing, 2016, 15, 1585-1599.	1.0	1
14	Generation and nonclassicality of entangled states via the interaction of two three-level atoms with a quantized cavity field assisted by a driving external classical field. Quantum Information Processing, 2015, 14, 1279-1303.	1.0	18
15	Geometric discord of the Jaynes-Cummings model: pure dephasing regime. European Physical Journal D, 2015, 69, 1.	0.6	6
16	Computable measure of quantum correlation. Quantum Information Processing, 2015, 14, 247-267.	1.0	10
17	Progress on Quantum Discord of Two-Qubit States: Optimization and Upper Bound. International Journal of Theoretical Physics, 2015, 54, 72-84.	0.5	4
18	Differential Geometry on SU(N): Left and Right Invariant Vector Fields and One-Forms. Applied Mathematics and Information Sciences, 2014, 8, 2903-2908.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Concurrence of superpositions of many states. <i>Physical Review A</i> , 2011, 83, .	1.0	11
20	Influence of dephasing on the entanglement teleportation via a two-qubit Heisenberg XYZ system. <i>European Physical Journal D</i> , 2011, 62, 439-447.	0.6	22
21	Non-equilibrium entanglement dynamics of a two-qubit Heisenberg XY system in the presence of an inhomogeneous magnetic field and spin-orbit interaction. <i>European Physical Journal D</i> , 2010, 57, 129-140.	0.6	13
22	Entanglement dynamics and decoherence of an atom coupled to a dissipative cavity field. <i>European Physical Journal D</i> , 2010, 57, 271-279.	0.6	8
23	Parametrization of Projector-Based Witnesses for Bipartite Systems. <i>International Journal of Theoretical Physics</i> , 2010, 49, 402-412.	0.5	0
24	Decoherence in a one-dimensional quantum walk. <i>Physical Review A</i> , 2010, 81, .	1.0	41
25	Effect of spin-orbit interaction on entanglement of two-qubit Heisenberg systems in an inhomogeneous magnetic field. <i>Physical Review A</i> , 2008, 77, .	1.0	96
26	An explicit computation of the Bures metric over the space of N -dimensional density matrices. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 11333-11341.	0.7	5
27	Canonical coset parametrization and the Bures metric of the three-level quantum systems. <i>Journal of Mathematical Physics</i> , 2007, 48, 012102.	0.5	6
28	Negativity as entanglement degree of the Jaynes-Cummings model. <i>Physica Scripta</i> , 2007, 75, 608-614.	1.2	21
29	Coset parameterization of density matrices. <i>Optics and Spectroscopy (English Translation of Optika I)</i>	0.2	3
30	Two-Photon Entanglement in a Two-Mode Supersymmetric Model. <i>International Journal of Theoretical Physics</i> , 2006, 45, 973-983.	0.5	1
31	Entanglement Degree of Parasupersymmetric Coherent States of Harmonic Oscillator. <i>International Journal of Theoretical Physics</i> , 2006, 45, 2199-2207.	0.5	3
32	Concurrence vectors in arbitrary multipartite quantum systems. <i>Journal of Physics A</i> , 2005, 38, 6777-6784.	1.6	67
33	Optimal Lewenstein-Sanpera decomposition for some bipartite systems. <i>Journal of Physics A</i> , 2004, 37, 2965-2982.	1.6	10
34	Robustness of entanglement for Bell decomposable states. <i>European Physical Journal D</i> , 2003, 25, 293-298.	0.6	4
35	Separability criterion induced from cross norm is not equivalent to positive partial transpose. <i>Journal of Physics A</i> , 2003, 36, 1509-1513.	1.6	2
36	Generalized master function approach to one-dimensional quasireactly solvable models. <i>Journal of Mathematical Physics</i> , 2000, 41, 7783-7796.	0.5	2