

R Prabhu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum correlations in periodically driven spin chains: Revivals and steady-state properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 491, 165546.	1.0	6
2	Forbidden regimes in the distribution of bipartite quantum correlations due to multiparty entanglement. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 1701-1709.	0.9	8
3	Constructive interference between disordered couplings enhances multiparty entanglement in quantum Heisenberg spin glass models. <i>New Journal of Physics</i> , 2016, 18, 083044.	1.2	8
4	Conclusive identification of quantum channels via monogamy of quantum correlations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 3588-3594.	0.9	10
5	Information complementarity in multipartite quantum states and security in cryptography. <i>Physical Review A</i> , 2016, 93, .	1.0	6
6	Survival of time-evolved quantum correlations depending on whether quenching is across a critical point in an XY spin chain. <i>Physical Review A</i> , 2016, 93, .	1.0	7
7	Superiority of photon subtraction to addition for entanglement in a multimode squeezed vacuum. <i>Physical Review A</i> , 2016, 93, .	1.0	13
8	Quantum correlations in quenched disordered spin models: Enhanced order from disorder by thermal fluctuations. <i>Physical Review E</i> , 2016, 93, 032115.	0.8	7
9	Quantum discord length is enhanced while entanglement length is not by introducing disorder in a spin chain. <i>Physical Review E</i> , 2016, 93, 012131.	0.8	21
10	Distributed quantum dense coding with two receivers in noisy environments. <i>Physical Review A</i> , 2015, 92, .	1.0	18
11	Effect of a large number of parties on the monogamy of quantum correlations. <i>Physical Review A</i> , 2015, 91, .	1.0	20
12	Genuine-multipartite-entanglement trends in gapless-to-gapped transitions of quantum spin systems. <i>Physical Review A</i> , 2014, 90, .	1.0	39
13	Multipartite dense coding versus quantum correlation: Noise inverts relative capability of information transfer. <i>Physical Review A</i> , 2014, 90, .	1.0	18
14	Monotonically increasing functions of any quantum correlation can make all multipartite states monogamous. <i>Annals of Physics</i> , 2014, 348, 297-305.	1.0	39
15	Maximally-dense-coding-capable quantum states. <i>Physical Review A</i> , 2013, 87, .	1.0	22
16	Genuine multipartite quantum entanglement suppresses multipoint classical information transmission. <i>Physical Review A</i> , 2013, 88, .	1.0	4
17	Tuning interaction strength leads to an ergodic-nonergodic transition of quantum correlations in the anisotropic Heisenberg spin model. <i>Physical Review A</i> , 2013, 87, .	1.0	9
18	Nonergodic classical correlations lead to ergodic quantum correlations in low-dimensional spin models. <i>Europhysics Letters</i> , 2013, 102, 30001.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Exclusion principle for quantum dense coding. Physical Review A, 2013, 87, .	1.0	20
20	Dual quantum-correlation paradigms exhibit opposite statistical-mechanical properties. Physical Review A, 2012, 86, .	1.0	12
21	Relating monogamy of quantum correlations and multisite entanglement. Physical Review A, 2012, 86, .	1.0	24
22	Characterization of tripartite quantum states with vanishing monogamy score. Physical Review A, 2012, 86, .	1.0	31
23	Conditions for monogamy of quantum correlations: Greenberger-Horne-Zeilinger versus $\langle W \rangle$ states. Physical Review A, 2012, 85, .	1.0	96
24	Disorder overtakes order in information concentration over quantum networks. Physical Review A, 2011, 84, .	1.0	26
25	A scheme for amplification and discrimination of photons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 235501.	0.6	0
26	Collective multipolelike signatures of entanglement in symmetricN-qubit systems. Physical Review A, 2007, 76, .	1.0	9
27	Construction of a family of one-parameter Greenberger-Horne-Zeilinger multiqubit states using the Abe-Rajagopal $\langle W \rangle$ and $\langle W \rangle$ conditional entropy	1.0	6
28	Characterizing Multiparticle Entanglement in SymmetricN-Qubit States via Negativity of Covariance Matrices. Physical Review Letters, 2007, 98, 060501.	2.9	63
29	Constraints on the uncertainties of entangled symmetric qubits. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 203-207.	0.9	22
30	Non-classicality of photon added coherent and thermal radiations. European Physical Journal D, 2006, 40, 133-138.	0.6	35
31	LOCAL INVARIANTS AND PAIRWISE ENTANGLEMENT IN SYMMETRIC MULTIQUBIT SYSTEM. International Journal of Modern Physics B, 2006, 20, 1917-1933.	1.0	16
32	Non-local properties of a symmetric two-qubit system. Journal of Optics B: Quantum and Semiclassical Optics, 2005, 7, S740-S744.	1.4	11