

# Artur Barasiński

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

172  
citations

1163117

8  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration of Controlled Quantum Teleportation for Discrete Variables on Linear Optical Devices. <i>Physical Review Letters</i> , 2019, 122, 170501.	7.8	42
2	Negativity volume of the generalized Wigner function as an entanglement witness for hybrid bipartite states. <i>Scientific Reports</i> , 2018, 8, 16955.	3.3	22
3	Localizable entanglement as a necessary resource of controlled quantum teleportation. <i>Scientific Reports</i> , 2018, 8, 15209.	3.3	21
4	Anisotropy and magnetic properties of the bimetallic thiocyanate-bridged chains: Density-matrix renormalization approach. <i>Polyhedron</i> , 2010, 29, 1485-1491.	2.2	16
5	Controlled teleportation of qubit states: Relation between teleportation faithfulness, controller's authority, and tripartite entanglement. <i>Physical Review A</i> , 2019, 99, .	2.5	14
6	Volume of violation of Bell-type inequalities as a measure of nonlocality. <i>Physical Review A</i> , 2018, 98, .	2.5	11
7	Magnetic properties and DMRG modeling of the 1D bimetallic thiocyanate bridged compound $\{(CuL1)[Co(NCS)4]\}$ (L1=N-rac-5,12-Me2-[14]-4,11-dieneN4). <i>Polyhedron</i> , 2009, 28, 1838-1841.	2.2	10
8	Ground-state entanglement of spin-1 bosons undergoing superexchange interactions in optical superlattices. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2014, 31, 1845.	2.1	10
9	Restriction on the local realism violation in three-qubit states and its relation with tripartite entanglement. <i>Scientific Reports</i> , 2018, 8, 12305.	3.3	5
10	Genuine tripartite nonlocality for random measurements in Greenberger-Horne-Zeilinger-class states and its experimental test. <i>Physical Review A</i> , 2020, 101, .	2.5	5
11	Quantifying entanglement properties of qudit mixed states with incomplete permutation symmetry. <i>Physical Review A</i> , 2017, 95, .	2.5	4
12	Experimental verification of time-order-dependent correlations in three-qubit Greenberger-Horne-Zeilinger-class states. <i>Physical Review A</i> , 2019, 99, .	2.5	4
13	Experimentally friendly approach towards nonlocal correlations in multisetting N-partite Bell scenarios. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 5, 430.	0.0	4
14	Certifying separability and entanglement classes of not-completely-permutation-symmetric qudit states. <i>Physical Review A</i> , 2016, 94, .	2.5	3
15	Measuring Concurrence in Qubit Werner States Without an Aligned Reference Frame. <i>Physical Review Applied</i> , 2021, 16, .	3.8	1
16	Symmetry restoring and ancilla-driven entanglement for ultra-cold spin-1 atoms in a three-site ring. <i>Quantum Information Processing</i> , 2017, 16, 1.	2.2	0
17	Non-uniform Quantum Spin Chains: Simulations of Static and Dynamic Properties. <i>Lecture Notes in Computer Science</i> , 2014, , 448-457.	1.3	0