Christopher Eltschka

List of Publications by Year
in descending order

36	1,061	394421	414414
papers	citations	19 h-index	32 g-index

37	37	37	615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dimensionally sharp inequalities for the linear entropy. Linear Algebra and Its Applications, 2020, 584, 294-325.	0.9	3
2	Joint Schmidt-type decomposition for two bipartite pure quantum states. Physical Review A, 2020, 101, .	2.5	1
3	Bounds on absolutely maximally entangled states from shadow inequalities, and the quantum MacWilliams identity. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 175301.	2.1	45
4	Exponentially many entanglement and correlation constraints for multipartite quantum states. Physical Review A, 2018, 98, .	2.5	12
5	Quantitative bound entanglement in two-qutrit states. Physical Review A, 2016, 94, .	2.5	11
6	Quantifying Entanglement of Maximal Dimension in Bipartite Mixed States. Physical Review Letters, 2016, 117, 190502.	7.8	19
7	Thermoelectric efficiency in the linear transport regime. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 626-634.	1.8	2
8	Partial transposition as a direct link between concurrence and negativity. Physical Review A, 2015, 91, .	2.5	21
9	Monogamy Equalities for Qubit Entanglement from Lorentz Invariance. Physical Review Letters, 2015, 114, 140402.	7.8	39
10	Practical method to obtain a lower bound to the three-tangle. Physical Review A, 2014, 89, .	2.5	16
11	Quantifying entanglement resources. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 424005.	2.1	124
12	Heat bath can generate all classes of three-qubit entanglement. Physical Review A, 2014, 89, .	2.5	3
13	Negativity as an Estimator of Entanglement Dimension. Physical Review Letters, 2013, 111, 100503.	7.8	48
14	Multipartite-entanglement monotones and polynomial invariants. Physical Review A, 2012, 85, .	2.5	29
15	A quantitative witness for Greenberger-Horne-Zeilinger entanglement. Scientific Reports, 2012, 2, 942.	3.3	20
16	Entanglement of Three-Qubit Greenberger-Horne-Zeilingerâ€“Symmetric States. Physical Review Letters, 2012, 108, 020502.	7.8	92
17	Quantifying Tripartite Entanglement of Three-Qubit Generalized Werner States. Physical Review Letters, 2012, 108, 230502.	7.8	53
18	Rescaling multipartite entanglement measures for mixed states. Applied Physics B: Lasers and Optics, 2012, 106, 533-541.	2.2	21

#	Article	IF	Citations
19	Polynomial invariants for discrimination and classification of four-qubit entanglement. Physical Review A, 2011, 83, .	2.5	56
20	Possibility of generalized monogamy relations for multipartite entanglement beyond three qubits. Physical Review A, 2009, 80, .	2.5	22
21	Three-tangle for mixtures of generalized GHZ and generalized W states. New Journal of Physics, 2008, 10, 043014.	2.9	70
22	Influence of classical resonances on chaotic tunneling. Physical Review E, 2006, 74, 026211.	2.1	30
23	Resonance-Assisted Decay of Nondispersive Wave Packets. Physical Review Letters, 2006, 97, 043001.	7.8	15
24	Resonance- and Chaos-Assisted Tunneling. Springer Series in Chemical Physics, 2006, , 107-131.	0.2	5
25	Resonance- and Chaos-Assisted Tunneling in Mixed Regular-Chaotic Systems. Physical Review Letters, 2005, 94, 014101.	7.8	69
26	Threshold properties of attractive and repulsive1/r2potentials. Physical Review A, 2001, 63, .	2.5	36
27	Near-threshold quantization and level densities for potential wells with weak inverse-square tails. Physical Review A, 2001, 64, .	2.5	11
28	Comment on â€œBreakdown of Bohr's Correspondence Principleâ€• Physical Review Letters, 2001, 86, 2693-2693.	7.8	24
29	Spectrum of the H â^’ Ion in the s-Wave Model. Few-Body Systems, 2000, 29, 157-167.	1.5	1
30	Near-threshold quantization and scattering for deep potentials with attractive tails. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 4033-4051.	1.5	34
31	Comment on: â€œQuantization of the highest levels in a molecular potentialâ€• Europhysics Letters, 1998, 43, 230-231.	2.0	19
32	Quantization in molecular potentials. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 361-374.	1.5	48
33	Tunneling near the base of a barrier. Physical Review A, 1998, 58, 856-861.	2.5	18
34	The shape of higher-dimensional state space: Bloch-ball analog for a qutrit. Quantum - the Open Journal for Quantum Science, 0, 5, 485.	0.0	7
35	Distribution of entanglement and correlations in all finite dimensions. Quantum - the Open Journal for Quantum Science, 0, 2, 64.	0.0	23
36	Maximum<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math>-body correlations do not in general imply genuine multipartite entanglement. Quantum - the Open Journal for Quantum Science, 0, 4, 229.	0.0	12