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	Quantifying entanglement resources. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 424005.	2.1	124
2	Entanglement of Three-Qubit Greenberger-Horne-Zeilingerâ€“Symmetric States. Physical Review Letters, 2012, 108, 020502.	7.8	92
3	Three-tangle for mixtures of generalized GHZ and generalized W states. New Journal of Physics, 2008, 10, 043014.	2.9	70
4	Resonance- and Chaos-Assisted Tunneling in Mixed Regular-Chaotic Systems. Physical Review Letters, 2005, 94, 014101.	7.8	69
5	Polynomial invariants for discrimination and classification of four-qubit entanglement. Physical Review A, 2011, 83, .	2.5	56
6	Quantifying Tripartite Entanglement of Three-Qubit Generalized Werner States. Physical Review Letters, 2012, 108, 230502.	7.8	53
7	Quantization in molecular potentials. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 361-374.	1.5	48
8	Negativity as an Estimator of Entanglement Dimension. Physical Review Letters, 2013, 111, 100503.	7.8	48
9	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
10	Monogamy Equalities for Qubit Entanglement from Lorentz Invariance. Physical Review Letters, 2015, 114, 140402.	7.8	39
11	Threshold properties of attractive and repulsive1/r2potentials. Physical Review A, 2001, 63, .	2.5	36
12	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
13	Influence of classical resonances on chaotic tunneling. Physical Review E, 2006, 74, 026211.	2.1	30
14	Multipartite-entanglement monotones and polynomial invariants. Physical Review A, 2012, 85, .	2.5	29
15	Comment on â€œBreakdown of Bohr's Correspondence Principleâ€. Physical Review Letters, 2001, 86, 2693-2693.	7.8	24
16	Distribution of entanglement and correlations in all finite dimensions. Quantum - the Open Journal for Quantum Science, 0, 2, 64.	0.0	23
17	Possibility of generalized monogamy relations for multipartite entanglement beyond three qubits. Physical Review A, 2009, 80, .	2.5	22
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	Partial transposition as a direct link between concurrence and negativity. Physical Review A, 2015, 91, .	2.5	21
20	A quantitative witness for Greenberger-Horne-Zeilinger entanglement. Scientific Reports, 2012, 2, 942.	3.3	20
21	Comment on: â€œQuantization of the highest levels in a molecular potentialâ€• Europhysics Letters, 1998, 43, 230-231.	2.0	19
22	Quantifying Entanglement of Maximal Dimension in Bipartite Mixed States. Physical Review Letters, 2016, 117, 190502.	7.8	19
23	Tunneling near the base of a barrier. Physical Review A, 1998, 58, 856-861.	2.5	18
24	Practical method to obtain a lower bound to the three-tangle. Physical Review A, 2014, 89, .	2.5	16
25	Resonance-Assisted Decay of Nondispersive Wave Packets. Physical Review Letters, 2006, 97, 043001.	7.8	15
26	Exponentially many entanglement and correlation constraints for multipartite quantum states. Physical Review A, 2018, 98, .	2.5	12
27	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
28	Near-threshold quantization and level densities for potential wells with weak inverse-square tails. Physical Review A, 2001, 64, .	2.5	11
29	Quantitative bound entanglement in two-qutrit states. Physical Review A, 2016, 94, .	2.5	11
30	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
31	Resonance- and Chaos-Assisted Tunneling. Springer Series in Chemical Physics, 2006, , 107-131.	0.2	5
32	Heat bath can generate all classes of three-qubit entanglement. Physical Review A, 2014, 89, .	2.5	3
33	Dimensionally sharp inequalities for the linear entropy. Linear Algebra and Its Applications, 2020, 584, 294-325.	0.9	3
34	Thermoelectric efficiency in the linear transport regime. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 626-634.	1.8	2
35	Spectrum of the H â^’ Ion in the s-Wave Model. Few-Body Systems, 2000, 29, 157-167.	1.5	1
36	Joint Schmidt-type decomposition for two bipartite pure quantum states. Physical Review A, 2020, 101, .	2.5	1