

Angelo Lucia

List of Publications by Year in descending order

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13
papers

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citations

1040056

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1125743

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all docs

14
docs citations

14
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of Local Quantum Dissipative Systems. Communications in Mathematical Physics, 2015, 337, 1275-1315.	2.2	38
2	Undecidability of the Spectral Gap in One Dimension. Physical Review X, 2020, 10, .	8.9	20
3	Area law for fixed points of rapidly mixing dissipative quantum systems. Journal of Mathematical Physics, 2015, 56, .	1.1	18
4	Quantum conditional relative entropy and quasi-factorization of the relative entropy. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 484001.	2.1	17
5	On the modified logarithmic Sobolev inequality for the heat-bath dynamics for 1D systems. Journal of Mathematical Physics, 2021, 62, 061901.	1.1	16
6	Superadditivity of Quantum Relative Entropy for General States. IEEE Transactions on Information Theory, 2018, 64, 4758-4765.	2.4	14
7	Size-driven quantum phase transitions. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 19-23.	7.1	13
8	Locality at the Boundary Implies Gap in the Bulk for 2D PEPS. Communications in Mathematical Physics, 2019, 366, 895-926.	2.2	13
9	Divide and conquer method for proving gaps of frustration free Hamiltonians. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 033105.	2.3	12
10	Rapid mixing and stability of quantum dissipative systems. Physical Review A, 2015, 91, .	2.5	10
11	Tensor network representations from the geometry of entangled states. SciPost Physics, 2020, 9, .	4.9	8
12	Deformations of the boundary theory of the square-lattice AKLT model. Physical Review B, 2020, 102, .	3.2	1
13	Recursion relations for chromatic coefficients for graphs and hypergraphs. Discussiones Mathematicae - Graph Theory, 2019, , .	0.3	0