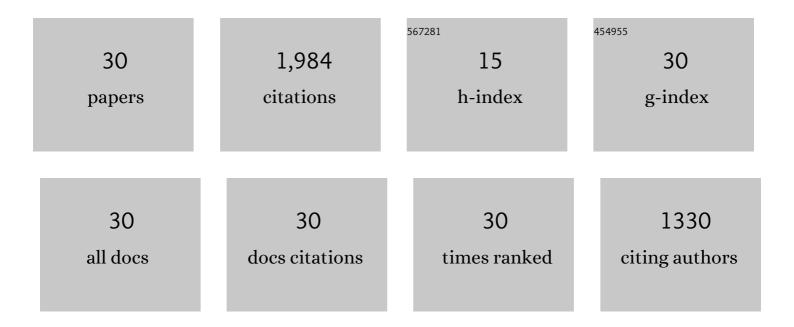
Fernando de Melo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6474015/publications.pdf Version: 2024-02-01



FERNANDO DE MELO

#	Article	IF	CITATIONS
1	Macro-to-micro quantum mapping and the emergence of nonlinearity. Physical Review A, 2021, 103, .	2.5	6
2	Principle of majorization: Application to random quantum circuits. Physical Review A, 2021, 104, .	2.5	5
3	Entropic uncertainty relations and the quantum-to-classical transition. Physical Review A, 2020, 102, .	2.5	10
4	Multiparticle quantum walk with a gaslike interaction. Physical Review A, 2019, 100, .	2.5	3
5	Spin-entanglement wave in a coarse-grained optical lattice. Physical Review A, 2019, 100, .	2.5	9
6	Quantum walks via quantum cellular automata. Quantum Information Processing, 2018, 17, 1.	2.2	11
7	Reliability of Digitized Quantum Annealing and the Decay of Entanglement. Annalen Der Physik, 2018, 530, 1800007.	2.4	2
8	Emerging dynamics arising from coarse-grained quantum systems. Physical Review A, 2017, 96, .	2.5	16
9	Quantum information processing by weaving quantum Talbot carpets. Physical Review A, 2015, 91, .	2.5	18
10	Open-system dynamics of entanglement:a key issues review. Reports on Progress in Physics, 2015, 78, 042001.	20.1	234
11	Entanglement of identical particles and the detection process. Fortschritte Der Physik, 2013, 61, 225-237.	4.4	52
12	Universality in open system entanglement dynamics. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 085301.	2.1	8
13	The power of noisy fermionic quantum computation. New Journal of Physics, 2013, 15, 013015.	2.9	21
14	Optimal teleportation with a noisy source. Physical Review A, 2012, 85, .	2.5	28
15	Noisy one-way quantum computations: The role of correlations. Physical Review A, 2011, 84, .	2.5	36
16	Efficient and coherent excitation transfer across disordered molecular networks. Physical Review E, 2011, 83, 021912.	2.1	120
17	Physical Realizations of Quantum Information. Lecture Notes in Physics, 2010, , 253-276.	0.7	4
18	Zero-Transmission Law for Multiport Beam Splitters. Physical Review Letters, 2010, 104, 220405.	7.8	91

Fernando de Melo

#	Article	IF	CITATIONS
19	Detection and typicality of bound entangled states. Physical Review A, 2009, 80, .	2.5	13
20	Scalability of Greenberger-Horne-Zeilinger and random-state entanglement in the presence of decoherence. Physical Review A, 2009, 79, .	2.5	35
21	Equation of motion for entanglement. Quantum Information Processing, 2009, 8, 523-534.	2.2	11
22	Evolution equation for quantum entanglement. Nature Physics, 2008, 4, 99-102.	16.7	141
23	Experimental investigation of the dynamics of entanglement: Sudden death, complementarity, and continuous monitoring of the environment. Physical Review A, 2008, 78, .	2.5	219
24	Entanglement Evolution in Finite Dimensions. Physical Review Letters, 2008, 101, 170502.	7.8	37
25	Quantum Nondemolition Circuit for Testing Bipartite Complementarity. Physical Review Letters, 2007, 98, 250501.	7.8	17
26	Experimental observation of environment-induced sudden death of entanglement. Proceedings of SPIE, 2007, 6603, 320.	0.8	4
27	Environment-Induced Sudden Death of Entanglement. Science, 2007, 316, 579-582.	12.6	811
28	Single observable concurrence measurement without simultaneous copies. Physical Review A, 2006, 74,	2.5	10
29	Direct measurement of the quantum state of the electromagnetic field in a superconducting transmission line. Physical Review A, 2006, 73, .	2.5	10
30	EXPONENTIAL GROWTH OF PARTICLE NUMBER FAR FROM THE PARAMETRIC RESONANCE. International Journal of Modern Physics A, 2002, 17, 4413-4418.	1.5	2