

Marcelo Pereira de Almeida

List of Publications by Year in descending order

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35
papers

5,520
citations

304743

22
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

4608
citing authors

#	ARTICLE	IF	CITATIONS
1	Active demultiplexing of single photons from a solid-state source. <i>Laser and Photonics Reviews</i> , 2017, 11, 1600297.	8.7	51
2	Boson Sampling with Single-Photon Fock States from a Bright Solid-State Source. <i>Physical Review Letters</i> , 2017, 118, 130503.	7.8	155
3	Scalable performance in solid-state single-photon sources. <i>Optica</i> , 2016, 3, 433.	9.3	106
4	Measuring Entanglement in a Photonic Embedding Quantum Simulator. <i>Physical Review Letters</i> , 2016, 116, 070503.	7.8	14
5	Near-optimal single-photon sources in the solid state. <i>Nature Photonics</i> , 2016, 10, 340-345.	31.4	858
6	Toward a quantum network based on semiconductor quantum dots. , 2014, , .		0
7	Entanglement-free certification of entangling gates. <i>Physical Review A</i> , 2014, 89, .	2.5	16
8	Entangling Quantum-Logic Gate Operated with an Ultrabright Semiconductor Single-Photon Source. <i>Physical Review Letters</i> , 2013, 110, 250501.	7.8	44
9	Experimental Distribution of Entanglement with Separable Carriers. <i>Physical Review Letters</i> , 2013, 111, 230504.	7.8	62
10	Estimation of a quantum interaction parameter using weak measurements: Theory and experiment. <i>Physical Review A</i> , 2012, 86, .	2.5	29
11	Conclusive quantum steering with superconducting transition-edge sensors. <i>Nature Communications</i> , 2012, 3, 625.	12.8	200
12	Efficient Measurement of Quantum Dynamics via Compressive Sensing. <i>Physical Review Letters</i> , 2011, 106, 100401.	7.8	185
13	Reducing multi-photon rates in pulsed down-conversion by temporal multiplexing. <i>Optics Express</i> , 2011, 19, 22698.	3.4	65
14	Experimental information complementarity of two-qubit states. <i>New Journal of Physics</i> , 2011, 13, 053038.	2.9	5
15	Simulating Quantum Systems in Biology, Chemistry, and Physics. , 2011, , .		0
16	Hardy's Paradox and Violation of a State-Independent Bell Inequality in Time. <i>Physical Review Letters</i> , 2011, 106, 200402.	7.8	36
17	Violation of the Leggett-Garg inequality with weak measurements of photons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1256-1261.	7.1	231
18	Towards quantum chemistry on a quantum computer. <i>Nature Chemistry</i> , 2010, 2, 106-111.	13.6	568

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19	Experimental Feedback Control of Quantum Systems Using Weak Measurements. <i>Physical Review Letters</i> , 2010, 104, 080503.	7.8	120
20	Complementarity in variable strength quantum non-demolition measurements. <i>New Journal of Physics</i> , 2009, 11, 093012.	2.9	13
21	Parametric downconversion and optical quantum gates: two's company, four's a crowd. <i>Journal of Modern Optics</i> , 2009, 56, 209-214.	1.3	18
22	Simplifying quantum logic using higher-dimensional Hilbert spaces. <i>Nature Physics</i> , 2009, 5, 134-140.	16.7	570
23	Experimental Quantum Computing without Entanglement. <i>Physical Review Letters</i> , 2008, 101, 200501.	7.8	773
24	Experimental investigation of the dynamics of entanglement: Sudden death, complementarity, and continuous monitoring of the environment. <i>Physical Review A</i> , 2008, 78, .	2.5	219
25	Environment-Induced Sudden Death of Entanglement. <i>Science</i> , 2007, 316, 579-582.	12.6	811
26	A simple optical demonstration of quantum cryptography using transverse position and momentum variables. <i>American Journal of Physics</i> , 2006, 74, 542-546.	0.7	6
27	Manipulation and transmission of quantum images. <i>Journal of Modern Optics</i> , 2006, 53, 729-738.	1.3	1
28	Theoretical investigation of moiré patterns in quantum images. <i>Journal of Modern Optics</i> , 2006, 53, 777-785.	1.3	5
29	Quantum Key Distribution with Higher-Order Alphabets Using Spatially Encoded Qudits. <i>Physical Review Letters</i> , 2006, 96, 090501.	7.8	208
30	Simultaneous observation of correlations in position-momentum and polarization variables. <i>Physical Review A</i> , 2006, 73, .	2.5	5
31	Orbital angular momentum exchange in parametric down conversion. <i>Journal of Modern Optics</i> , 2006, 53, 647-658.	1.3	13
32	Experimental investigation of quantum key distribution with position and momentum of photon pairs. <i>Physical Review A</i> , 2005, 72, .	2.5	33
33	Moiré fringe patterns in spatial quantum correlations of twin photons. <i>Physical Review A</i> , 2005, 71, .	2.5	8
34	Conservation of orbital angular momentum in stimulated down-conversion. <i>Physical Review A</i> , 2002, 66, .	2.5	66
35	Observation of Image Transfer and Phase Conjugation in Stimulated Down-Conversion. <i>Physical Review Letters</i> , 2001, 87, 133602.	7.8	26