

Linda Sansoni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4523760/publications.pdf>

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51
papers

2,836
citations

279798

23
h-index

414414

32
g-index

58
all docs

58
docs citations

58
times ranked

2414
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Particle Bosonic-Fermionic Quantum Walk via Integrated Photonics. Physical Review Letters, 2012, 108, 010502.	7.8	468
2	Anderson localization of entangled photons in an integrated quantum walk. Nature Photonics, 2013, 7, 322-328.	31.4	372
3	Gaussian Boson Sampling. Physical Review Letters, 2017, 119, 170501.	7.8	268
4	Integrated photonic quantum gates for polarization qubits. Nature Communications, 2011, 2, 566.	12.8	251
5	Polarization Entangled State Measurement on a Chip. Physical Review Letters, 2010, 105, 200503.	7.8	216
6	Optimal quantum cloning of orbital angular momentum photon qubits through Hongâ€™Ouâ€™Mandel coalescence. Nature Photonics, 2009, 3, 720-723.	31.4	203
7	Rotated waveplates in integrated waveguide optics. Nature Communications, 2014, 5, 4249.	12.8	111
8	Detailed study of Gaussian boson sampling. Physical Review A, 2019, 100, .	2.5	91
9	Demonstration of coherent time-frequency Schmidt mode selection using dispersion-engineered frequency conversion. Physical Review A, 2014, 90, .	2.5	86
10	Experimental generation and characterization of single-photon hybrid ququarts based on polarization and orbital angular momentum encoding. Physical Review A, 2010, 81, .	2.5	72
11	Highly efficient frequency conversion with bandwidth compression of quantum light. Nature Communications, 2017, 8, 14288.	12.8	70
12	Experimental quantum private queries with linear optics. Physical Review A, 2009, 80, .	2.5	67
13	General Rules for Bosonic Bunching in Multimode Interferometers. Physical Review Letters, 2013, 111, 130503.	7.8	64
14	Particle Statistics Affects Quantum Decay and Fano Interference. Physical Review Letters, 2015, 114, 090201.	7.8	56
15	Experimental quantum process tomography of non-trace-preserving maps. Physical Review A, 2010, 82, .	2.5	54
16	High-Efficiency Plug-and-Play Source of Heralded Single Photons. Physical Review Applied, 2017, 8, .	3.8	51
17	Tomography and Purification of the Temporal-Mode Structure of Quantum Light. Physical Review Letters, 2018, 120, 213601.	7.8	51
18	Dual-path source engineering in integrated quantum optics. Physical Review A, 2015, 92, .	2.5	37

#	ARTICLE	IF	CITATIONS
19	A two-channel, spectrally degenerate polarization entangled source on chip. Npj Quantum Information, 2017, 3, .	6.7	36
20	Probing measurement-induced effects in quantum walks via recurrence. Science Advances, 2018, 4, eaar6444.	10.3	32
21	Driven Quantum Walks. Physical Review Letters, 2014, 113, 083602.	7.8	29
22	Quantum simulation of bosonic-fermionic noninteracting particles in disordered systems via a quantum walk. Physical Review A, 2014, 89, .	2.5	28
23	Experimental Investigation of Superdiffusion via Coherent Disordered Quantum Walks. Physical Review Letters, 2019, 123, 140501.	7.8	28
24	Experimental Detection of Quantum Channels. Physical Review Letters, 2013, 111, 220501.	7.8	22
25	Driven Boson Sampling. Physical Review Letters, 2017, 118, 020502.	7.8	22
26	Polarization entangled states measurement on a chip. , 2011, , .		18
27	Driven discrete time quantum walks. New Journal of Physics, 2016, 18, 073008.	2.9	9
28	Fabrication of Quantum Photonic Integrated Circuits by Means of Femtosecond Laser Pulses. Foundations of Physics, 2014, 44, 843-855.	1.3	5
29	Variational quantum process tomography of two-qubit maps. Physical Review A, 2013, 87, .	2.5	4
30	Integrated Devices for Quantum Information with Polarization Encoded Qubits. Springer Theses, 2014, , .	0.1	4
31	Photonic Quantum Information Applications of Patterned Liquid Crystals. Molecular Crystals and Liquid Crystals, 2010, 526, 108-118.	0.9	3
32	Temporal-mode tomography of single photons. , 2017, , .		3
33	Femtosecond laser waveguide writing for integrated quantum optics. , 2012, , .		2
34	Quantum interference by coherence transfer from spin to orbital angular momentum of photons. Proceedings of SPIE, 2009, , .	0.8	1
35	Bosonic and Fermionic Discrete-Time Quantum Walk on Integrated Optics. Journal of Computational and Theoretical Nanoscience, 2013, 10, 1662-1666.	0.4	1
36	Arbitrary integrated multimode interferometers for the elaboration of photonic qubits. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
37	Polarization entangled state measurement on a chip. , 2011, , .		0
38	Simulation of quantum dynamics with integrated photonics. , 2012, , .		0
39	Integrated devices for quantum information and quantum simulation with polarization encoded qubits. Proceedings of SPIE, 2012, , .	0.8	0
40	Anderson localization of bosonic and fermionic two-particle systems with integrated optics. , 2013, , .		0
41	Femtosecond laser written photonic circuits for quantum simulation. , 2013, , .		0
42	Integrated optical waveplates fabricated by femtosecond laser micromachining. , 2014, , .		0
43	Integrated photonic quantum information processing based on polarization encoding. , 2012, , .		0
44	Quantum Transport in Presence of Disorder. Springer Theses, 2014, , 111-131.	0.1	0
45	Bosonic and Fermionic Quantum Walk. Springer Theses, 2014, , 97-109.	0.1	0
46	Integrated Waveguide Technology. Springer Theses, 2014, , 29-42.	0.1	0
47	Process Characterization. Springer Theses, 2014, , 65-84.	0.1	0
48	Introduction to Quantum Simulation. Springer Theses, 2014, , 87-96.	0.1	0
49	Nonlinear Integrated Quantum Optics. , 2015, , .		0
50	Highly efficient frequency conversion with bandwidth compression of quantum light. , 2017, , .		0
51	Highly efficient frequency conversion with bandwidth compression of quantum light. , 2017, , .		0