

Linda Sansoni

List of Publications by Year in descending order

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Version: 2024-02-01

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	Experimental Investigation of Superdiffusion via Coherent Disordered Quantum Walks. Physical Review Letters, 2019, 123, 140501.	7.8	28
2	Detailed study of Gaussian boson sampling. Physical Review A, 2019, 100, .	2.5	91
3	Tomography and Purification of the Temporal-Mode Structure of Quantum Light. Physical Review Letters, 2018, 120, 213601.	7.8	51
4	Probing measurement-induced effects in quantum walks via recurrence. Science Advances, 2018, 4, eaar6444.	10.3	32
5	Highly efficient frequency conversion with bandwidth compression of quantum light. Nature Communications, 2017, 8, 14288.	12.8	70
6	Driven Boson Sampling. Physical Review Letters, 2017, 118, 020502.	7.8	22
7	Gaussian Boson Sampling. Physical Review Letters, 2017, 119, 170501.	7.8	268
8	High-Efficiency Plug-and-Play Source of Heralded Single Photons. Physical Review Applied, 2017, 8, .	3.8	51
9	A two-channel, spectrally degenerate polarization entangled source on chip. Npj Quantum Information, 2017, 3, .	6.7	36
10	Temporal-mode tomography of single photons. , 2017, , .		3
11	Highly efficient frequency conversion with bandwidth compression of quantum light. , 2017, , .		0
12	Highly efficient frequency conversion with bandwidth compression of quantum light. , 2017, , .		0
13	Driven discrete time quantum walks. New Journal of Physics, 2016, 18, 073008.	2.9	9
14	Dual-path source engineering in integrated quantum optics. Physical Review A, 2015, 92, .	2.5	37
15	Particle Statistics Affects Quantum Decay and Fano Interference. Physical Review Letters, 2015, 114, 090201.	7.8	56
16	Nonlinear Integrated Quantum Optics. , 2015, , .		0
17	Quantum simulation of bosonic-fermionic noninteracting particles in disordered systems via a quantum walk. Physical Review A, 2014, 89, .	2.5	28
18	Demonstration of coherent time-frequency Schmidt mode selection using dispersion-engineered frequency conversion. Physical Review A, 2014, 90, .	2.5	86

#	ARTICLE	IF	CITATIONS
19	Integrated optical waveplates fabricated by femtosecond laser micromachining. , 2014, , .		0
20	Rotated waveplates in integrated waveguide optics. Nature Communications, 2014, 5, 4249.	12.8	111
21	Integrated Devices for Quantum Information with Polarization Encoded Qubits. Springer Theses, 2014, , .	0.1	4
22	Fabrication of Quantum Photonic Integrated Circuits by Means of Femtosecond Laser Pulses. Foundations of Physics, 2014, 44, 843-855.	1.3	5
23	Driven Quantum Walks. Physical Review Letters, 2014, 113, 083602.	7.8	29
24	Arbitrary integrated multimode interferometers for the elaboration of photonic qubits. , 2014, , .		1
25	Quantum Transport in Presence of Disorder. Springer Theses, 2014, , 111-131.	0.1	0
26	Bosonic and Fermionic Quantum Walk. Springer Theses, 2014, , 97-109.	0.1	0
27	Integrated Waveguide Technology. Springer Theses, 2014, , 29-42.	0.1	0
28	Process Characterization. Springer Theses, 2014, , 65-84.	0.1	0
29	Introduction to Quantum Simulation. Springer Theses, 2014, , 87-96.	0.1	0
30	General Rules for Bosonic Bunching in Multimode Interferometers. Physical Review Letters, 2013, 111, 130503.	7.8	64
31	Anderson localization of entangled photons in an integrated quantum walk. Nature Photonics, 2013, 7, 322-328.	31.4	372
32	Anderson localization of bosonic and fermionic two-particle systems with integrated optics. , 2013, , .		0
33	Femtosecond laser written photonic circuits for quantum simulation. , 2013, , .		0
34	Variational quantum process tomography of two-qubit maps. Physical Review A, 2013, 87, .	2.5	4
35	Experimental Detection of Quantum Channels. Physical Review Letters, 2013, 111, 220501.	7.8	22
36	Bosonic and Fermionic Discrete-Time Quantum Walk on Integrated Optics. Journal of Computational and Theoretical Nanoscience, 2013, 10, 1662-1666.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Simulation of quantum dynamics with integrated photonics. , 2012, , .		0
38	Integrated devices for quantum information and quantum simulation with polarization encoded qubits. Proceedings of SPIE, 2012, , .	0.8	0
39	Femtosecond laser waveguide writing for integrated quantum optics. , 2012, , .		2
40	Two-Particle Bosonic-Fermionic Quantum Walk via Integrated Photonics. Physical Review Letters, 2012, 108, 010502.	7.8	468
41	Integrated photonic quantum information processing based on polarization encoding. , 2012, , .		0
42	Integrated photonic quantum gates for polarization qubits. Nature Communications, 2011, 2, 566.	12.8	251
43	Polarization entangled state measurement on a chip. , 2011, , .		0
44	Polarization entangled states measurement on a chip. , 2011, , .		18
45	Polarization Entangled State Measurement on a Chip. Physical Review Letters, 2010, 105, 200503.	7.8	216
46	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
47	Photonic Quantum Information Applications of Patterned Liquid Crystals. Molecular Crystals and Liquid Crystals, 2010, 526, 108-118.	0.9	3
48	Experimental quantum process tomography of non-trace-preserving maps. Physical Review A, 2010, 82, .	2.5	54
49	Experimental quantum private queries with linear optics. Physical Review A, 2009, 80, .	2.5	67
50	Optimal quantum cloning of orbital angular momentum photon qubits through Hongâ€™Ouâ€™Mandel coalescence. Nature Photonics, 2009, 3, 720-723.	31.4	203
51	Quantum interference by coherence transfer from spin to orbital angular momentum of photons. Proceedings of SPIE, 2009, , .	0.8	1