

CITATION REPORT

List of articles citing

Path-entangled photon sources on nonlinear chips

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#	Paper	IF	Citations
45	Asymmetric adiabatic couplers for fully-integrated broadband quantum-polarization state preparation. <i>Scientific Reports</i> , 2017 , 7, 16841	4.9	2
44	Robust generation of orbital-angular-momentum-entangled biphotons in twisted nonlinear-waveguide arrays. <i>Physical Review A</i> , 2017 , 96,	2.6	2
43	Generation of Counterpropagating Path-Entangled Photon Pairs in a Single Periodic Waveguide. <i>Physical Review Letters</i> , 2017 , 118, 183603	7.4	11
42	On-chip generation of high-dimensional entangled quantum states and their coherent control. <i>Nature</i> , 2017 , 546, 622-626	50.4	294
41	Towards on-chip photon-pair bell tests: Spatial pump filtering in a LiNbO3 adiabatic coupler. <i>Applied Physics Letters</i> , 2017 , 111, 261108	3.4	4
40	Direct characterization of a nonlinear photonic circuit's wave function with laser light. <i>Light: Science and Applications</i> , 2018 , 7, 17143	16.7	14
39	LiNbO3 waveguides for integrated SPDC spectroscopy. <i>APL Photonics</i> , 2018 , 3, 021301	5.2	17
38	Gaussian Entangled States Formation In An Array Of Waveguides With Quadratic Nonlinearity. 2018 ,		
37	Second harmonic generation and spontaneous parametric down-conversion in Mie nanoresonators. <i>Journal of Physics: Conference Series</i> , 2018 , 1124, 051021	0.3	2
36	Generation of surface plasmon-polariton pairs by a nonlinear nanoparticle. <i>Journal of Physics: Conference Series</i> , 2018 , 1092, 012105	0.3	
35	Photon-pair generation in a quadratically nonlinear parity-time symmetric coupler. <i>Photonics Research</i> , 2018 , 6, A6	6	6
34	Spontaneous parametric downconversion of light by a dielectric nanoparticle. <i>Journal of Physics: Conference Series</i> , 2018 , 993, 012022	0.3	1
33	Perspectives for Applications of Quantum Imaging. <i>Laser and Photonics Reviews</i> , 2019 , 13, 1900097	8.3	36
32	Spontaneous parametric down-conversion in asymmetric couplers: Photon purity enhancement and intrinsic spectral filtering. <i>Physical Review A</i> , 2019 , 100,	2.6	3
31	The resurgence of the linear optics quantum interferometer [Recent advances & applications. <i>Reviews in Physics</i> , 2019 , 4, 100030	11.3	13
30	Single- and two-qubit universal quantum gates in photonic Ti:LiNbO3 circuits. <i>Optik</i> , 2019 , 182, 907-921	2.5	3
29	Generating Quantum States of Surface Plasmon-Polariton Pairs with a Nonlinear Nanoparticle. 2019 ,		

28	Chip-scale nonlinear photonics for quantum light generation. <i>AVS Quantum Science</i> , 2020 , 2, 041702	10.3	17
27	Integrated Source of Path-Entangled Photon Pairs with Efficient Pump Self-Rejection. <i>Nanomaterials</i> , 2020 , 10,	5.4	0
26	Photonic quantum metrology. <i>AVS Quantum Science</i> , 2020 , 2, 024703	10.3	71
25	Reconfigurable cluster-state generation in specially poled nonlinear waveguide arrays. <i>Physical Review A</i> , 2020 , 101,	2.6	1
24	Quantum Radars and Lidars: Concepts, Realizations, and Perspectives.. <i>IEEE Antennas and Propagation Magazine</i> , 2021 , 2-12	1.7	3
23	Basics of quantum communication. 2021 , 1-36		0
22	Directional emission of down-converted photons from a dielectric nanoresonator. <i>Physical Review A</i> , 2021 , 103,	2.6	2
21	Metasurfaces for quantum photonics. <i>Nature Photonics</i> , 2021 , 15, 327-336	33.9	44
20	Creating heralded hyper-entangled photons using Rydberg atoms. <i>Light: Science and Applications</i> , 2021 , 10, 100	16.7	0
19	Engineered Correlated Loss For an Integrated Source of Photon Pairs with ~100 dB Pump Self-Rejection. 2021 ,		
18	All-optical Bell states through a multi-poled, integrated waveguide device. <i>Optik</i> , 2021 , 247, 167970	2.5	1
17	Generating path entangled states in waveguide systems with second-order nonlinearity. <i>Optics Express</i> , 2020 , 28, 28792-28809	3.3	3
16	Coherent optical processes with an all-optical atomic simulator. <i>Optics Express</i> , 2021 , 29, 330-341	3.3	1
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14	Spontaneous photon-pair generation from a dielectric nanoantenna. <i>Optica</i> , 2019 , 6, 1416	8.6	44
13	Sum-Frequency- and Photon-Pair-Generation in AlGaAs Nano-Disks. 2018 ,		0
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10 Quantum correlations of solitons in nonlinear Kerr waveguide arrays. **2020**,

9 Generation of entangled photons via parametric down-conversion in semiconductor lasers and integrated quantum photonic systems. *Physical Review A*, **2022**, 105, 2.6 0

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6 Waveguide-Coupled Deterministic Quantum Light Sources and Post-Growth Engineering Methods for Integrated Photonic Quantum Circuits. **2022**, 100018 0

5 Coherent conversion between one and two photons in waveguides with engineered dispersion. **2022**,

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2 Direct Observation of Dynamically Localized Quantum Optical States. **2022**, 129, 0

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