

Kai Guo

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

185
citations

1307594

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1125743

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16
all docs

16
docs citations

16
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on the Development of Self-Organizing Maps for Unsupervised Intrusion Detection. <i>Mobile Networks and Applications</i> , 2021, 26, 808-829.	3.3	49
2	Ultra-compact, efficient and high-polarization-extinction-ratio polarization beam splitters based on photonic anisotropic metamaterials. <i>Optics Express</i> , 2022, 30, 538.	3.4	27
3	High coincidence-to-accidental ratio continuous-wave photon-pair generation in a grating-coupled silicon strip waveguide. <i>Applied Physics Express</i> , 2017, 10, 062801.	2.4	26
4	Generation rate scaling: the quality factor optimization of microring resonators for photon-pair sources. <i>Photonics Research</i> , 2018, 6, 587.	7.0	18
5	Multichannel Photon-Pair Generation with Strong and Uniform Spectral Correlation in a Silicon Microring Resonator. <i>Physical Review Applied</i> , 2019, 12, .	3.8	14
6	Nonclassical Optical Bistability and Resonance-Locked Regime of Photon-Pair Sources Using Silicon Microring Resonator. <i>Physical Review Applied</i> , 2019, 11, .	3.8	14
7	Full-vectorial propagation model and modified effective mode area of four-wave mixing in straight waveguides. <i>Optics Letters</i> , 2017, 42, 3670.	3.3	11
8	MoS ₂ , hybrid integrated micro-ring resonator phase shifter based on silicon nitride platform. <i>Optics Letters</i> , 2022, 47, 949-952.	3.3	8
9	Experimental Investigation on the Characteristics of All-Optical Modulation of Optical Microfiber Coupler. <i>IEEE Photonics Journal</i> , 2018, 10, 1-10.	2.0	5
10	Ultra-compact efficient mode converter with metamaterial structures. <i>Infrared Physics and Technology</i> , 2022, 125, 104200.	2.9	5
11	Experimentally Validated Dispersion Tailoring in a Silicon Strip Waveguide With Alumina Thin-Film Coating. <i>IEEE Photonics Journal</i> , 2018, 10, 1-8.	2.0	3
12	Nonlinear optical response of inverse-designed integrated photonic devices. <i>Optics Letters</i> , 2022, 47, 1254.	3.3	3
13	Toward a Realizable Design of an On-Chip Optically Driven Quantum Interferometer at Telecommunication Wavelengths. <i>Physical Review Applied</i> , 2018, 10, .	3.8	1
14	Experimentally validated full-vectorial model of wavelength multicasting via four-wave mixing in straight waveguides. <i>Scientific Reports</i> , 2018, 8, 13030.	3.3	0
15	Design of a SOI-based quantum interferometer with ultralow fiber-to-fiber insertion loss. <i>Optics Communications</i> , 2021, 493, 126814.	2.1	0