

Yameng Xu

List of Publications by Year in descending order

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18
papers

92
citations

1683934

5
h-index

1372474

10
g-index

18
all docs

18
docs citations

18
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	Wide-range refractive index sensing relied on tracking the envelope spectrum of a dispersive subwavelength grating microring resonator. Optics and Laser Technology, 2022, 154, 108304.	2.2	3
2	Various resonance lineshapes available in a single microring resonator. Journal of Optics (United Kingdom), 2018, 20, 025801.	1.0	2
3	Bent silicon slot waveguides with both low loss and low nonlinearity. Optical and Quantum Electronics, 2020, 52, 1.	1.5	4
4	Air-Mode Photonic Crystal Micro-Ring Resonator With Enhanced Quality Factor for Refractive Index Sensing. IEEE Photonics Journal, 2020, 12, 1-11.	1.0	6
5	Effects of thin coating on guided mode and sidewall-roughness scattering loss in slot waveguides. Physica Scripta, 2020, 95, 045502.	1.2	1
6	Analysis of scattering loss due to sidewall roughness in slot waveguides by variation of mode effective index. Journal of Optics (United Kingdom), 2018, 20, 025801.	1.0	12
7	Resonance characteristics of TE mode in slotted photonic crystal microring resonator. , 2018, , .		0
8	Slotted Photonic Crystal Microring Resonators. Fiber and Integrated Optics, 2017, 36, 91-100.	1.7	1
9	Phase advance of photons generated in stimulated emission relative to incident light. Optik, 2016, 127, 8970-8975.	1.4	3
10	Reflection Properties of Dual-Mode Filters Consisting of a Circular Array of Microring Resonators. Fiber and Integrated Optics, 2016, 35, 239-251.	1.7	1
11	Proposal of using slot-waveguide cavity to reduce noises in resonant integrated optical gyroscopes. , 2016, , .		0
12	Development of high precision digital driver of acoustic-optical frequency shifter for ROG. Proceedings of SPIE, 2016, , .	0.8	0
13	Study on transmission characteristics of one-dimensional photonic crystal microring resonators. Proceedings of SPIE, 2016, , .	0.8	2
14	Efficient side-coupling into the slow light modes of photonic crystal slot waveguides. , 2014, , .		0
15	High efficiency asymmetric directional coupler for slow light slot photonic crystal waveguides. Optics Express, 2014, 22, 11021.	1.7	6
16	Slow light in an alternative row of ellipse-hole photonic crystal waveguide. Applied Optics, 2013, 52, 1155.	0.9	40
17	An Ultracompact DP-QPSK Demodulator Based on Multimode Interference and Photonic Crystals. Journal of Lightwave Technology, 2012, 30, 1595-1601.	2.7	10
18	Study on mechanism of sidewall roughness scattering in slot optical waveguides by FDTD simulation. Journal of Optics (United Kingdom), 0, , .	1.0	1