Mei Kong

List of Publications by Year
in descending order

33 papers	108 citations	1683354 5 h-index	1473754 9 g-index
33 all docs	33 docs citations	33 times ranked	74 citing authors

#	Article	IF	Citations
1	Optimization of the moving averagingâ€“moving differential algorithm for Î¦-OTDR. Applied Optics, 2022, 61, 5633.	0.9	3
2	Various resonance lineshapes available in a single microring resonator. Journal of Optics (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	1.0	2
3	Ultraviolet photodetector based on vertical Î²-Ga₂O₃ nanowire array on GaN substrate. Materials Research Express, 2021, 8, 055903.	0.8	8
4	Using DFB laser self-injection locked to an optical waveguide ring resonator as a light source of Î¦-OTDR. Applied Optics, 2021, 60, 9769.	0.9	3
5	Huygensâ€™ principle may reveal Rayleigh scattering. Optik, 2020, 206, 163120.	1.4	1
6	Bent silicon slot waveguides with both low loss and low nonlinearity. Optical and Quantum Electronics, 2020, 52, 1.	1.5	4
7	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
8	Effects of thin coating on guided mode and sidewall-roughness scattering loss in slot waveguides. Physica Scripta, 2020, 95, 045502.	1.2	1
9	Ultraviolet-infrared dual-color photodetector based on vertical GaN nanowire array and graphene. Chinese Optics Letters, 2020, 18, 112501.	1.3	5
10	Silicon carbide and graphene based UV-IR dual-color detector. Optoelectronics Letters, 2019, 15, 170-173.	0.4	3
11	Improving Locking Accuracy of Resonant Optical Gyroscope by Laser and Acoustooptic Frequency Shifter Jointed Pound-Drever-Hall Technique. Fiber and Integrated Optics, 2019, 38, 106-116.	1.7	6
12	Comparison of Self-Injection Locking of DFB-LD by Optical Fiber and Optical Waveguide Ring Resonators. Fiber and Integrated Optics, 2019, 38, 323-332.	1.7	1
13	Fractional-order proportional integral controller based on Al-Alaoui operator for resonant optical gyro. Optical Engineering, 2019, 58, 1.	0.5	1
14	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
15	Transverse electric modes in planar slot waveguides. Journal of Modern Optics, 2018, 65, 111-118.	0.6	5
16	Study on mathematical essence of Huygensâ€™ principle. Optik, 2018, 175, 49-53.	1.4	0
17	Huygensâ€™ principle may reveal interaction between light and atoms. Optik, 2018, 171, 605-610.	1.4	0
18	Estimating relative extent of scattering loss due to sidewall roughness in slot waveguides by nw model. , 2018, , .		0

#	Article	IF	Citations
19	Resonance characteristics of TE mode in slotted photonic crystal microring resonator. , 2018, , .		0
20	Slotted Photonic Crystal Microring Resonators. Fiber and Integrated Optics, 2017, 36, 91-100.	1.7	1
21	Phase advance of photons generated in stimulated emission relative to incident light. Optik, 2016, 127, 8970-8975.	1.4	3
22	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
23	Proposal of using slot-waveguide cavity to reduce noises in resonant integrated optical gyroscopes. , 2016, , .		0
24	Development of high precision digital driver of acoustic-optical frequency shifter for ROG. Proceedings of SPIE, 2016, , .	0.8	0
25	Study on transmission characteristics of one-dimensional photonic crystal microring resonators. Proceedings of SPIE, 2016, , .	0.8	2
26	Transverse magnetic modes in planar slot waveguides. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 2052.	0.9	16
27	Analysis on transmission characteristics of nested ring resonators. Journal of Modern Optics, 2014, 61, 1174-1179.	0.6	2
28	Effects of loss and gain on group-velocity control in microring resonators. Physical Review A, 2013, 88, .	1.0	2
29	Variations of group delay and transmittance with parameters of coupled double-ring resonators. Journal of Modern Optics, 2013, 60, 213-219.	0.6	0
30	Transmission and dispersion of coupled double-ring resonators. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 68.	0.9	14
31	Symmetry between the transfer properties of micro-ring resonators with gain and with loss. Journal of Modern Optics, 2010, 57, 2182-2186.	0.6	4
32	A2Ã—2multimode interference coupler with exponentially tapered waveguide. Journal of Modern Optics, 2007, 54, 1425-1433.	0.6	1
33	Study on mechanism of sidewall roughness scattering in slot optical waveguides by FDTD simulation. Journal of Optics (United Kingdom), 0, , .	1.0	1