

V Van

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11576228/publications.pdf>

Version: 2024-02-01

35
papers

2,059
citations

586496

16
h-index

799663

21
g-index

35
all docs

35
docs citations

35
times ranked

1734
citing authors

#	ARTICLE	IF	CITATIONS
1	Transduction of large optomechanical amplitudes with racetrack-loaded Mach-Zehnder interferometers. Optics Express, 2020, 28, 21835.	1.7	1
2	Design and realization of a two-stage microring ladder filter in silicon-on-insulator. Optics Express, 2012, 20, 24708.	1.7	13
3	Wideband Y-splitter and aperture-assisted coupler based on sub-diffraction confined plasmonic slot waveguides. Applied Physics Letters, 2010, 96, 131106.	1.5	30
4	Experimental realization of subwavelength plasmonic slot waveguides on a silicon platform. Optics Letters, 2010, 35, 502.	1.7	128
5	Canonic Design of Parallel Cascades of Symmetric Two-Port Microring Networks. Journal of Lightwave Technology, 2009, 27, 4870-4877.	2.7	2
6	Aperture-coupled MIM plasmonic ring resonators with sub-diffraction modal volumes. Optics Express, 2009, 17, 12678.	1.7	79
7	Group Delay Enhancement in Circular Arrays of Microring Resonators. IEEE Photonics Technology Letters, 2008, 20, 997-999.	1.3	9
8	Compact Slow-Wave Structures with Maximally-Flat Group Delays Based on Circular Arrays of Microring Resonators. , 2008, , .		1
9	General Two-Dimensional Coupled-Cavity Microring Filter Architectures. , 2007, , .		1
10	Asymmetric optical filters based on asynchronous coupled microring resonators. , 2007, , .		0
11	Polymer Waveguides and Advances in Fabrication Techniques. , 2007, , .		0
12	Periodic Microring Lattice as a Bandstop Filter. IEEE Photonics Technology Letters, 2006, 18, 2041-2043.	1.3	8
13	Linearized microring-loaded Mach-Zehnder modulator with RF gain. Journal of Lightwave Technology, 2006, 24, 1850-1854.	2.7	20
14	Circuit-based method for synthesizing serially coupled microring filters. Journal of Lightwave Technology, 2006, 24, 2912-2919.	2.7	40
15	Optical sensing of biomolecules using microring resonators. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 148-155.	1.9	330
16	Cascaded integrated photonic AND gates based on GaAs ring resonators. , 2006, , .		3
17	One-dimensional bandgap structure using periodic polymer microring lattice. , 2006, , .		0
18	Benzocyclobutene Negative-Gap Micro-Ring Notch Filters. , 2005, , .		1

#	ARTICLE	IF	CITATIONS
19	High-Finesse Laterally Coupled Single-Mode Benzocyclobutene Microring Resonators. IEEE Photonics Technology Letters, 2004, 16, 470-472.	1.3	23
20	Very High-Order Microring Resonator Filters for WDM Applications. IEEE Photonics Technology Letters, 2004, 16, 2263-2265.	1.3	418
21	Photonic logic NOR gate based on two symmetric microring resonators. Optics Letters, 2004, 29, 2779.	1.7	82
22	All-optical nonlinear switching in GaAs-AlGaAs microring resonators. IEEE Photonics Technology Letters, 2002, 14, 74-76.	1.3	226
23	All-optical time-division demultiplexing and spatial pulse routing with a GaAs/AlGaAs microring resonator. Optics Letters, 2002, 27, 803.	1.7	48
24	Parallel-cascaded semiconductor microring resonators for high-order and wide-FSR filters. Journal of Lightwave Technology, 2002, 20, 900-905.	2.7	127
25	Optical signal processing using nonlinear semiconductor microring resonators. IEEE Journal of Selected Topics in Quantum Electronics, 2002, 8, 705-713.	1.9	220
26	Vertically coupled GaInAsP-InP microring resonators. Optics Letters, 2001, 26, 506.	1.7	97
27	Propagation loss in single-mode GaAs-AlGaAs microring resonators: measurement and model. Journal of Lightwave Technology, 2001, 19, 1734-1739.	2.7	111
28	Measurement and modeling of propagation loss in semiconductor racetrack microresonators. , 2001, , .		1
29	A hybrid implicit-explicit FDTD scheme for nonlinear optical waveguide modeling. IEEE Transactions on Microwave Theory and Techniques, 1999, 47, 540-545.	2.9	27
30	A hybrid implicit-explicit FDTD scheme for solving the scalar wave equation in non-linear optical waveguides. , 0, , .		1
31	Finite-difference analysis of nonlinear HTS microwave structures using the London equations. , 0, , .		0
32	Fast nonlinear all-optical switching in a compact semiconductor microring resonator. , 0, , .		2
33	All-optical time division demultiplexing and pulse routing using semiconductor microring resonators. , 0, , .		3
34	Micro-ring resonators: the promise of a powerful biochemical sensor platform. , 0, , .		5
35	Micro-ring resonator filters. , 0, , .		2