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## Guiding and confining light in void nanostructure

DOI: 10.1364/ol.29.001209  
Optics Letters, 2004, 29, 1209-11.

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489	Tailoring the Structure of Multilayered Hybrid Silicon Vertical Waveguide to Achieve Anomalous Dispersion. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-8	1.8	
488	Slot silicon-gallium nitride waveguide in MMI structures based 1x8 wavelength demultiplexer. <b>2017</b> ,		
487	Nonlinear optics in optical-fiber nanowires and their applications. <b>2017</b> , 55, 35-51		9
486	Interfacing Superconducting Qubits and Single Optical Photons Using Molecules in Waveguides. <i>Physical Review Letters</i> , <b>2017</b> , 118, 140501	7.4	16
485	Ultrahigh Purcell Factor, Improved Sensitivity, and Enhanced Optical Force in Dielectric Bowtie Whispering-Gallery-Mode Resonators. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-10	1.8	2
484	Active material, optical mode and cavity impact on nanoscale electro-optic modulation performance. <b>2017</b> , 7, 455-472		28
483	Efficient Cross-talk Reduction of Nanophotonic Circuits Enabled by Fabrication Friendly Periodic Silicon Strip Arrays. <b>2017</b> , 7, 15827		9
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480	Hybrid-Waveguide Ring Resonator for Biochemical Sensing. <b>2017</b> , 17, 4781-4790		24
479	A deterministic guide for material and mode dependence of on-chip electro-optic modulator performance. <b>2017</b> , 136, 92-101		27
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475	Subwavelength focus of light by a planar microlens. <b>2017</b> , 64, 478-483		2
474	An Innovative Straight Resonator Incorporating a Vertical Slot as an Efficient Bio-Chemical Sensor. <b>2017</b> , 23, 132-139		19
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467	Compact and fabrication-tolerant polarization splitter based on horizontal triple-slot waveguide. <b>2017</b> , 56, 2119-2126		10
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465	Optical trapping of nanoparticles with tunable inter-distance using a multimode slot cavity. <i>Optics Express</i> , <b>2017</b> , 25, 29761-29768	3-3	10
464	Wide-band achromatic flat focusing lens based on all-dielectric subwavelength metasurface. <i>Optics Express</i> , <b>2017</b> , 25, 7121-7130	3-3	30
463	Subwavelength grating slot (SWGS) waveguide on silicon platform. <i>Optics Express</i> , <b>2017</b> , 25, 18250-18264	3-3	26
462	Strong forces in optomechanically actuated resonant mass sensor. <i>Optics Express</i> , <b>2017</b> , 25, 30939-30945	3-3	2
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458	Strip-loaded horizontal slot waveguide. <i>Optics Letters</i> , <b>2017</b> , 42, 211-214	3	14
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453	Silicon nanobeam cavity for ultra-localized light-matter interaction. <i>Optics Letters</i> , <b>2017</b> , 42, 3323-3326	3	5
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433	Polarization Beam Splitter for Silicon-based Cross-slot Waveguides Using an Asymmetrical Evanescent Coupling System. <b>2018</b> ,		
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349	Horizontal Slot Waveguides with Strong Optical Confinement in Low Refractive Index Oxide Films. <b>2019</b> ,		1
348	Parallel-Coupled Dual SiOxNy Racetrack Resonators as Biosensors with High Improved Intrinsic Limit of Detection. <b>2019</b> , 12,		1
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335	Low-Cost and Highly Sensitive Liquid Refractive Index Sensor Based on Polymer Horizontal Slot Waveguide. <b>2020</b> , 10, 7-15		8
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333	A squeezed photonic crystal fiber for residual dispersion compensation with high birefringence over S+C+L+U wavelength bands. <b>2020</b> , 458, 124757	9
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319	Designing Optical Waveguides: Myth and Reality. <b>2020</b> , 50, 857-873	3
318	Integration of periodic, sub-wavelength structures in silicon-on-insulator photonic device design. <b>2020</b> , 14, 125-135	3
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313	Modal Characteristics of Refractive Index Engineered Hybrid Plasmonic Waveguide. <b>2020</b> , 20, 9779-9786		10
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306	Flat optics with dispersion-engineered metasurfaces. <b>2020</b> , 5, 604-620		156
305	Modal Analysis of 2-D Material-Based Plasmonic Waveguides by Mixed Spectral Element Method With Equivalent Boundary Condition. <b>2020</b> , 38, 3677-3686		6
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