Zeinab Jafari

List of Publications by Year
in descending order

16	193	1163117 8	1058476 14
papers	citations	h-index	g-index

16	16	16	180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bilayer dispersion-flattened waveguides with four zero-dispersion wavelengths. Optics Letters, 2016, 41, 4939.	3.3	41
2	Ultra-flat dispersion in an integrated waveguide with five and six zero-dispersion wavelengths for mid-infrared photonics. Photonics Research, 2019, 7, 1279.	7.0	33
3	Strip/slot hybrid arsenic tri-sulfide waveguide with ultra-flat and low dispersion profile over an ultra-wide bandwidth. Optics Letters, 2013, 38, 3082.	3.3	30
4	Parameter Space Exploration in Dispersion Engineering of Multilayer Silicon Waveguides from Near-Infrared to Mid-Infrared. Journal of Lightwave Technology, 2016, 34, 3696-3702.	4.6	17
5	All-Optical Modulation in a Graphene-Covered Slotted Silicon Nano-Beam Cavity. Journal of Lightwave Technology, 2018, 36, 4051-4059.	4.6	12
6	Composition-Dependent Cytotoxic and Antibacterial Activity of Biopolymer-Capped Ag/Au Bimetallic Nanoparticles against Melanoma and Multidrug-Resistant Pathogens. Nanomaterials, 2022, 12, 779.	4.1	10
7	Dispersion flattened single etch-step waveguide based on subwavelength grating. Optics Communications, 2017, 393, 219-223.	2.1	9
8	A wafer-scale fabrication method for three-dimensional plasmonic hollow nanopillars. Nanoscale Advances, 2021, 3, 4926-4939.	4.6	9
9	Simultaneous Dispersion Flattening for Both Transverse Electric and Magnetic Modes. Journal of Lightwave Technology, 2015, 33, 212-218.	4.6	8
10	Fabrication-friendly subwavelength-structure-assisted waveguide for dispersion engineering. Applied Optics, 2016, 55, 9084.	2.1	8
11	High-Q nanobeam cavities on a silicon nitride platform enabled by slow light. APL Photonics, 2020, 5, 066101.	5.7	6
12	High-Q Plasmonic Crystal Laser for Ultra-Sensitive Biomolecule Detection. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-7.	2.9	4
13	Conditional quantum plasmonic sensing. Nanophotonics, 2022, 11, 3299-3306.	6.0	4
14	Two-octave dispersion flattening with five zero-dispersion wavelengths in the mid-IR. , 2018, , .		1
15	Single-mode, single-polarization and dispersion-flattened waveguides based on silicon carbide and diamond. Optics and Laser Technology, 2022, 148, 107692.	4.6	1
16	Q-factor Enhancement in Slow-Light Nanobeam Cavities on a Silicon Nitride Platform. , 2020, , .		0