Youngho Jung

List of Publications by Year
in descending order

13	114	1684188 5	1588992 8
papers	citations	h-index	g-index

13	13	13	102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integrated Hybrid VO₂â€“Silicon Optical Memory. ACS Photonics, 2022, 9, 217-223.	6.6	36
2	Implantable photonic neural probes for light-sheet fluorescence brain imaging. Neurophotonics, 2021, 8, 025003.	3.3	27
3	Observation of Optically Addressable Nonvolatile Memory in VO₂ at Room Temperature. Advanced Electronic Materials, 2021, 7, 2001142.	5.1	20
4	Hybrid integration of III-V semiconductor lasers on silicon waveguides using optofluidic microbubble manipulation. Scientific Reports, 2016, 6, 29841.	3.3	13
5	Tapered Optical Fiber Couplers Fabricated by Droplet-Based Chemical Etching. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	11
6	Chemically-Etched Optical Fiber Tapers for Adiabatic Fundamental Mode Evolution Over O-and C-Bands. Journal of Lightwave Technology, 2022, 40, 4832-4840.	4.6	3
7	Randomly Distributed Fabry-PÃ©rot-type Metal Nanowire Resonators and Their Lasing Action. Scientific Reports, 2016, 6, 24898.	3.3	2
8	Nano pillar array laser with a bottom metal plane. , 2012, , .		1
9	Optically pumped subwavelength-scale metallodielectric nanopatch resonators. Scientific Reports, 2016, 6, 31793.	3.3	1
10	Etchless optical cavity using metal nanowires on dielectric-metal slab waveguide. , 2013, , .		0
11	Wavelength-Selective Optical Filters Based on Metal-Patch Cavities With Slot Waveguide Interfaces. IEEE Photonics Journal, 2014, 6, 1-10.	2.0	0
12	Wavelength division demultiplexer and integrated III-V semiconductor lasers on a silicon photonics platform with microbubble manipulation. , 2015, , .		0
13	Highâ€Bandwidth InGaAs Photodetectors Heterogeneously Integrated on Silicon Waveguides Using Optofluidic Assembly. Laser and Photonics Reviews, 2022, 16, .	8.7	0