Kyung-Jo Kim

List of Publications by Year
in descending order

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29	718	686830 13	610482 24
papers	citations	h-index	g-index

29	29	29	776
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SmartPrint Single-Mode Flexible Polymer Optical Interconnect for High Density Integrated Photonics. Journal of Lightwave Technology, 2022, 40, 3839-3844.	2.7	6
2	High Refractive Index Chalcogenide Hybrid Inorganic/Organic Polymers for Integrated Photonics. Advanced Optical Materials, 2022, 10, .	3.6	15
3	Thermal compensation of molded silicone optics. Applied Optics, 2020, 59, G99.	0.9	1
4	Optical polymer solar concentrators for compact CPV systems. AIP Conference Proceedings, 2020, , .	0.3	1
5	Silicone optical elements for cost-effective freeform solar concentration. Optics Express, 2019, 27, A572.	1.7	11
6	Polymeric optical waveguide devices exploiting special properties of polymer materials. Optics Communications, 2016, 362, 3-12.	1.0	52
7	New Infrared Transmitting Material via Inverse Vulcanization of Elemental Sulfur to Prepare High Refractive Index Polymers. Advanced Materials, 2014, 26, 3014-3018.	11.1	296
8	Flexible Polymeric Tunable Lasers for WDM Passive Optical Networks. Journal of Lightwave Technology, 2013, 31, 982-987.	2.7	7
9	Near infrared tunable lasers based on flexible polymeric Bragg reflection waveguide devices. Proceedings of SPIE, 2013, , .	0.8	0
10	Near-infrared tunable lasers with polymer waveguide Bragg gratings. Optics Express, 2012, 20, 827.	1.7	28
11	Polarization-Splitting Waveguide Devices Incorporating Perfluorinated Birefringent Polymers. Journal of Lightwave Technology, 2011, 29, 1842-1846.	2.7	17
12	Polarization Converting Waveguide Devices Incorporating UV-curable Reactive Mesogen. Journal of the Optical Society of Korea, 2011, 15, 289-292.	0.6	11
13	Polymer waveguide integrated-optic current transducers. Optics Express, 2011, 19, 9392.	1.7	26
14	Ultra-low inter-channel crosstalk in array waveguide device incorporating self-assembled microsphere diffraction layer. Optics Express, 2011, 19, 20904.	1.7	8
15	Integrated Photonic Devices Incorporating Low-Loss Fluorinated Polymer Materials. Polymers, 2011, 3, 975-997.	2.0	42
16	Optical Current Transducers Incorporating Polymeric Integrated Optical Chip. , 2011, , .		0
17	Compact and widely wavelength tunable lasers based on flexible polymer Bragg reflection waveguide. , 2011, , .		0
18	Near Infrared Laser Based on Polymer Waveguide Bragg Grating. Korean Journal of Optics and Photonics, 2011, 22, 179-183.	0.1	1

#	Article	IF	Citations
19	Polymer Waveguide Label-Free Biosensors With Enhanced Sensitivity by Incorporating Low-Refractive-Index Polymers. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 973-980.	1.9	24
20	In Situ Measurement of Sloshing Impact on LNG Insulation Panel by using High Speed Fiber Optics. Journal of Intelligent Material Systems and Structures, 2010, 21, 787-796.	1.4	2
21	Label-free biosensors with enhanced sensitivity based on polymer waveguide Bragg reflectors. , 2010, , .		0
22	Flexible polymer waveguide tunable lasers. Optics Express, 2010, 18, 8392.	1.7	36
23	Optical Current Sensors Consisting of Polymeric Waveguide Components. Journal of Lightwave Technology, 2010, 28, 1851-1857.	2.7	23
24	Wavelength tunable lasers incorporating flexible polymer waveguide with Bragg grating. , 2010, , .		0
25	Silver Nanoparticle Overlayered Polymeric Waveguide Polarizers. Japanese Journal of Applied Physics, 2009, 48, 072203.	0.8	4
26	Optical Pressure Sensors Based on Vertical Directional Coupling With Flexible Polymer Waveguides. IEEE Photonics Technology Letters, 2009, 21, 501-503.	1.3	28
27	Flexible Bragg Reflection Waveguide Devices Fabricated by Post-Lift-Off Process. IEEE Photonics Technology Letters, 2008, 20, 288-290.	1.3	14
28	Strain induced tunable wavelength filters based on flexible polymer waveguide Bragg reflector. Optics Express, 2008, 16, 1423.	1.7	48
29	Polymeric waveguide biosensors with calixarene monolayer for detecting potassium ion concentration. Applied Physics Letters, 2006, 89, 251104.	1.5	17