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	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
2	Polymeric optical waveguide devices exploiting special properties of polymer materials. Optics Communications, 2016, 362, 3-12.	1.0	52
3	Strain induced tunable wavelength filters based on flexible polymer waveguide Bragg reflector. Optics Express, 2008, 16, 1423.	1.7	48
4	Integrated Photonic Devices Incorporating Low-Loss Fluorinated Polymer Materials. Polymers, 2011, 3, 975-997.	2.0	42
5	Flexible polymer waveguide tunable lasers. Optics Express, 2010, 18, 8392.	1.7	36
6	Optical Pressure Sensors Based on Vertical Directional Coupling With Flexible Polymer Waveguides. IEEE Photonics Technology Letters, 2009, 21, 501-503.	1.3	28
7	Near-infrared tunable lasers with polymer waveguide Bragg gratings. Optics Express, 2012, 20, 827.	1.7	28
8	Polymer waveguide integrated-optic current transducers. Optics Express, 2011, 19, 9392.	1.7	26
9	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
10	Optical Current Sensors Consisting of Polymeric Waveguide Components. Journal of Lightwave Technology, 2010, 28, 1851-1857.	2.7	23
11	Polymeric waveguide biosensors with calixarene monolayer for detecting potassium ion concentration. Applied Physics Letters, 2006, 89, 251104.	1.5	17
12	Polarization-Splitting Waveguide Devices Incorporating Perfluorinated Birefringent Polymers. Journal of Lightwave Technology, 2011, 29, 1842-1846.	2.7	17
13	High Refractive Index Chalcogenide Hybrid Inorganic/Organic Polymers for Integrated Photonics. Advanced Optical Materials, 2022, 10, .	3.6	15
14	Flexible Bragg Reflection Waveguide Devices Fabricated by Post-Lift-Off Process. IEEE Photonics Technology Letters, 2008, 20, 288-290.	1.3	14
15	Polarization Converting Waveguide Devices Incorporating UV-curable Reactive Mesogen. Journal of the Optical Society of Korea, 2011, 15, 289-292.	0.6	11
16	Silicone optical elements for cost-effective freeform solar concentration. Optics Express, 2019, 27, A572.	1.7	11
17	Ultra-low inter-channel crosstalk in array waveguide device incorporating self-assembled microsphere diffraction layer. Optics Express, 2011, 19, 20904.	1.7	8
18	Flexible Polymeric Tunable Lasers for WDM Passive Optical Networks. Journal of Lightwave Technology, 2013, 31, 982-987.	2.7	7

#	Article	IF	Citations
19	SmartPrint Single-Mode Flexible Polymer Optical Interconnect for High Density Integrated Photonics. Journal of Lightwave Technology, 2022, 40, 3839-3844.	2.7	6
20	Silver Nanoparticle Overlayered Polymeric Waveguide Polarizers. Japanese Journal of Applied Physics, 2009, 48, 072203.	0.8	4
21	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
22	Near Infrared Laser Based on Polymer Waveguide Bragg Grating. Korean Journal of Optics and Photonics, 2011, 22, 179-183.	0.1	1
23	Thermal compensation of molded silicone optics. Applied Optics, 2020, 59, G99.	0.9	1
24	Optical polymer solar concentrators for compact CPV systems. AIP Conference Proceedings, 2020, , .	0.3	1
25	Label-free biosensors with enhanced sensitivity based on polymer waveguide Bragg reflectors. , 2010, , .		0
26	Near infrared tunable lasers based on flexible polymeric Bragg reflection waveguide devices. Proceedings of SPIE, 2013, , .	0.8	0
27	Wavelength tunable lasers incorporating flexible polymer waveguide with Bragg grating. , 2010, , .		0
28	Optical Current Transducers Incorporating Polymeric Integrated Optical Chip. , 2011, , .		0
29	Compact and widely wavelength tunable lasers based on flexible polymer Bragg reflection waveguide. , 2011, , .		0