

Dominik Kowal

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

138
citations

1478505

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1372567

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13
all docs

13
docs citations

13
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrostatic Pressure and Strain Sensitivity of Long Period Grating Fabricated in Polymer Microstructured Fiber. IEEE Photonics Technology Letters, 2013, 25, 496-499.	2.5	28
2	Fabrication of multiple Bragg gratings in microstructured polymer fibers using a phase mask with several diffraction orders. Optics Express, 2013, 21, 8521.	3.4	28
3	Fabry-Perot cavity based on polymer FBG as refractive index sensor. Optics Communications, 2017, 394, 37-40.	2.1	21
4	Microstructured polymer optical fiber for long period gratings fabrication using an ultraviolet laser beam. Optics Letters, 2014, 39, 2242.	3.3	19
5	Twin-Core Fiber-Based Mach Zehnder Interferometer for Simultaneous Measurement of Strain and Temperature. Sensors, 2018, 18, 915.	3.8	15
6	Measurement of birefringence and ellipticity of polarization eigenmodes in spun highly birefringent fibers using spectral interferometry and lateral point-force method. Optics Express, 2018, 26, 34185.	3.4	12
7	Polarimetric Sensitivity to Torsion in Spun Highly Birefringent Fibers. Sensors, 2019, 19, 1639.	3.8	6
8	Inscription of long period gratings using an ultraviolet laser beam in the diffusion-doped microstructured polymer optical fiber. Applied Optics, 2015, 54, 6327.	2.1	4
9	Fluorescent ionic liquid micro reservoirs fabricated by dual-step E-beam patterning. Materials Research Bulletin, 2021, 142, 111434.	5.2	4
10	The Fiber Connection Method Using a Tapered Silica Fiber Tip for Microstructured Polymer Optical Fibers. Fibers, 2018, 6, 4.	4.0	1
11	Refractive index sensor using a Fabry-Perot cavity in polymer fiber. , 2017, , .		0
12	Polymer and tapered silica fiber connection for polymer fiber sensor application. , 2017, , .		0
13	Polarimetric sensitivity to torsion and temperature in highly birefringent spun side-hole fibers. , 2019, , .		0