

Dominik Kowal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2118987/publications.pdf>

Version: 2024-02-01

13
papers

138
citations

1478505

6
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent ionic liquid micro reservoirs fabricated by dual-step E-beam patterning. Materials Research Bulletin, 2021, 142, 111434.	5.2	4
2	Polarimetric Sensitivity to Torsion in Spun Highly Birefringent Fibers. Sensors, 2019, 19, 1639.	3.8	6
3	Polarimetric sensitivity to torsion and temperature in highly birefringent spun side-hole fibers. , 2019, , .		0
4	The Fiber Connection Method Using a Tapered Silica Fiber Tip for Microstructured Polymer Optical Fibers. Fibers, 2018, 6, 4.	4.0	1
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	Fabry-Perot cavity based on polymer FBG as refractive index sensor. Optics Communications, 2017, 394, 37-40.	2.1	21
8	Refractive index sensor using a Fabry-Perot cavity in polymer fiber. , 2017, , .		0
9	Polymer and tapered silica fiber connection for polymer fiber sensor application. , 2017, , .		0
10	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
11	Microstructured polymer optical fiber for long period gratings fabrication using an ultraviolet laser beam. Optics Letters, 2014, 39, 2242.	3.3	19
12	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
13	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