

# Krzysztof Poturaj

## List of Publications by Year in descending order

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30  
papers

371  
citations

1163117

8  
h-index

1199594

12  
g-index

30  
all docs

30  
docs citations

30  
times ranked

354  
citing authors

#	ARTICLE	IF	CITATIONS
1	A fiber optic temperature sensor based on multi-core microstructured fiber with coupled cores for high temperature environment. , 2018, , .		3
2	Semiconductor quantum dot to fiber coupling system for 1.3 um range. , 2018, , .		0
3	Microbending losses in optical fibers with different cross-sections. , 2018, , .		1
4	Polarized all-normal dispersion supercontinuum reaching 25 $\mu\text{m}$ generated in a birefringent microstructured silica fiber. Optics Express, 2017, 25, 27452.	3.4	31
5	All-fiber intensity bend sensor based on photonic crystal fiber with asymmetric air-hole structure. , 2017, , .		0
6	Coherent supercontinuum generation up to 22 $\mu\text{m}$ in an all-normal dispersion microstructured silica fiber. Optics Express, 2016, 24, 30523.	3.4	31
7	Group Polarimetric Pressure Sensitivity of an Elliptical-Core Side-Hole Fiber at Telecommunication Wavelengths. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 49-54.	2.9	22
8	Seven-core active fibre for application in telecommunication satellites. Proceedings of SPIE, 2015, , .	0.8	0
9	Multicore optical fibres for next generation telecommunication transmission systems and components. Photonics Letters of Poland, 2015, 7, .	0.4	2
10	Birefringent optical fiber with dispersive orientation of polarization axes. Optics Express, 2014, 22, 25347.	3.4	8
11	Spectral-Domain Measurements of Birefringence and Sensing Characteristics of a Side-Hole Microstructured Fiber. Sensors, 2013, 13, 11424-11438.	3.8	18
12	Spectral-Domain Measurement of Strain Sensitivity of a Two-Mode Birefringent Side-Hole Fiber. Sensors, 2012, 12, 12070-12081.	3.8	8
13	Control Over the Pressure Sensitivity of Bragg Grating-Based Sensors in Highly Birefringent Microstructured Optical Fibers. IEEE Photonics Technology Letters, 2012, 24, 527-529.	2.5	37
14	Highly birefringent microstructured fibers with enhanced sensitivity to hydrostatic pressure. Optics Express, 2010, 18, 15113.	3.4	137
15	V type high birefringent PCF fiber for hydrostatic pressure sensing. Photonics Letters of Poland, 2010, 2, .	0.4	3
16	Fiber Bragg Gratings in Germanium-Doped Highly Birefringent Microstructured Optical Fibers. IEEE Photonics Technology Letters, 2008, 20, 554-556.	2.5	52
17	Technology of suspended core microstructured optical fibers for evanesced wave and plasmon resonance optical fiber sensors. , 2008, , .		6
18	The fabrication and characterization of fiber Bragg gratings in highly birefringent photonic crystal fibers for sensing applications. Proceedings of SPIE, 2008, , .	0.8	1

#	ARTICLE	IF	CITATIONS
19	<title>Supercontinuum generation in suspended core microstructured optical fibers</title>. , 2008, , .		4
20	Technology of high-birefringent photonic crystal fibers for sensing applications. , 2006, , .		1
21	New kinds of microstructured fibers for change of birefringence caused by Kerr effect. , 2005, , .		1
22	<title>Experimental structures of silica holey fibers with triangular lattice</title>. , 2004, , .		1
23	<title>A simple method of optimization of erbium-doped fiber amplifier parameters</title>. , 2003, 5028, 206.		0
24	<title>Measurements of $\langle \text{formula} \rangle \langle \sup \langle \text{roman} \rangle 4 \langle / \text{roman} \rangle \langle / \sup \rangle \langle / \text{formula} \rangle \langle \text{formula} \rangle \langle \inf \langle \text{roman} \rangle 13/2 \langle / \text{roman} \rangle \langle / \inf \rangle \langle / \text{formula} \rangle$ metastable-level lifetime of Er ions doped in glass preforms</title>. , 2003, 5028, 211.		1
25	<title>Experimental holey fibers</title>. , 2003, 5028, 26.		0
26	<title>Protective coatings for side-hole optical fibers</title>. , 2003, 5028, 192.		0
27	Technical aspects of hybrid method of optical fibers production for telecommunication uses. , 2001, , .		0
28	Preparation of liquid crystal optical fibers. , 2001, , .		0
29	Influence of diffusion of water during production process of single-mode fibers on their loss. , 2000, 4239, 44.		0
30	<title>Experimental investigation of the effect of protective coatings on temperature sensitivity of side-hole optical fibers</title>. , 1997, 3189, 38.		3