

# Przemysław Struk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8007773/publications.pdf>

Version: 2024-02-01

27  
papers

126  
citations

1307594

7  
h-index

1281871

11  
g-index

27  
all docs

27  
docs citations

27  
times ranked

155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and Characterization of Microsphere ZnO ALD Coating Dedicated for the Fiber-Optic Refractive Index Sensor. <i>Nanomaterials</i> , 2019, 9, 306.	4.1	22
2	Gas Sensors Based on ZnO Structures. <i>Acta Physica Polonica A</i> , 2013, 124, 567-569.	0.5	15
3	Photonic structures with grating couplers based on ZnO. <i>Opto-electronics Review</i> , 2011, 19, .	2.4	13
4	ZnO coated fiber optic microsphere sensor for the enhanced refractive index sensing. <i>Sensors and Actuators A: Physical</i> , 2019, 298, 111594.	4.1	12
5	Swept Source Optical Coherence Tomography Endomicroscope Based on Vertically Integrated Mirau Micro Interferometer: Concept and Technology. <i>IEEE Sensors Journal</i> , 2015, 15, 7061-7070.	4.7	10
6	Nitrogen-Doped Diamond Film for Optical Investigation of Hemoglobin Concentration. <i>Materials</i> , 2018, 11, 109.	2.9	10
7	ZnO - Wide Bandgap Semiconductor and Possibilities of Its Application in Optical Waveguide Structures. <i>Metrology and Measurement Systems</i> , 2014, 21, 401-412.	1.4	8
8	Hybrid photonics structures with grating and prism couplers based on ZnO waveguides. <i>Opto-electronics Review</i> , 2013, 21, .	2.4	7
9	Tailoring the Optical Parameters of Optical Fiber Interferometer With Dedicated Boronâ€Doped Nanocrystalline Diamond Thin Film. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700222.	1.8	7
10	Sputter deposited ZnO porous films for sensing applications. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1494, 71-76.	0.1	5
11	Design and numerical analyses of the planar grating coupler. <i>Bulletin of the Polish Academy of Sciences: Technical Sciences</i> , 2010, 58, 509-512.	0.8	3
12	Nanolayers in Fiber-Optic Biosensing. , 2018, , 395-426.		3
13	A 2-axis electrothermal MEMS micro-scanner with torsional beam. , 2016, , .		2
14	A 2-axis MEMS scanning micromirror with a 45Â° auto-positioning mechanism for endoscopic probe. , 2017, , .		2
15	Design of an Integrated Optics Sensor Structure Based on Diamond Waveguide for Hemoglobin Property Detection. <i>Materials</i> , 2019, 12, 175.	2.9	2
16	The SS-OCT endomicroscopy probe based on MOEMS Mirau micro-interferometer for early stomach cancer detection. , 2018, , .		2
17	Numerical analysis of integrated optics structures based on wide band gap semiconductor materials for biosensors application. , 2018, , .		2
18	Tailoring the Optical Parameters of Optical Fiber Interferometer With Dedicated Boronâ€Doped Nanocrystalline Diamond Thin Film (Phys. Status Solidi A 11â•2017). <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1770164.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Mirau micro-interferometer for Swept-Source Optical Coherence Tomography endomicroscopy. , 2015, , .		0
20	Investigation of physical properties of TiO <sub>2</sub> nanolayers. Proceedings of SPIE, 2015, , .	0.8	0
21	Physical and optical properties of TiO <sub>2</sub> nanolayers for integrated photonics application. Proceedings of SPIE, 2016, , .	0.8	0
22	Low-coherence sensors with nanolayers for biomedical sensing. , 2017, , .		0
23	Low-coherence Interferometer with Nanocrystalline Diamond Films with Potential Application to Measure Small Biological Samples. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800244.	1.8	0
24	ZnO semiconductor for applications in optoelectronics sensors structures. , 2017, , .		0
25	Investigation of physical properties of ZnO semiconductor material for biocompatible coating layer applications. , 2018, , .		0
26	Design of an integrated optics sensor structure for hemoglobin property detection. , 2019, , .		0
27	Numerical analysis of integrated photonics structures for hemoglobin sensor application. Photonics Letters of Poland, 2020, 12, 37.	0.4	0