

# Przemysław Struk

## List of Publications by Year in descending order

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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	Numerical analysis of integrated photonics structures for hemoglobin sensor application. Photonics Letters of Poland, 2020, 12, 37.	0.4	0
2	ZnO coated fiber optic microsphere sensor for the enhanced refractive index sensing. Sensors and Actuators A: Physical, 2019, 298, 111594.	4.1	12
3	Preparation and Characterization of Microsphere ZnO ALD Coating Dedicated for the Fiber-Optic Refractive Index Sensor. Nanomaterials, 2019, 9, 306.	4.1	22
4	Design of an Integrated Optics Sensor Structure Based on Diamond Waveguide for Hemoglobin Property Detection. Materials, 2019, 12, 175.	2.9	2
5	Design of an integrated optics sensor structure for hemoglobin property detection. , 2019, , .		0
6	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
7	Nitrogen-Doped Diamond Film for Optical Investigation of Hemoglobin Concentration. Materials, 2018, 11, 109.	2.9	10
8	Nanolayers in Fiber-Optic Biosensing. , 2018, , 395-426.		3
9	The SS-OCT endomicroscopy probe based on MOEMS Mirau micro-interferometer for early stomach cancer detection. , 2018, , .		2
10	Numerical analysis of integrated optics structures based on wide band gap semiconductor materials for biosensors application. , 2018, , .		2
11	Investigation of physical properties of ZnO semiconductor material for biocompatible coating layer applications. , 2018, , .		0
12	Low-coherence sensors with nanolayers for biomedical sensing. , 2017, , .		0
13	Tailoring the Optical Parameters of Optical Fiber Interferometer With Dedicated Boron-Doped Nanocrystalline Diamond Thin Film. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700222.	1.8	7
14	A 2-axis MEMS scanning micromirror with a 45° auto-positioning mechanism for endoscopic probe. , 2017, , .		2
15	Tailoring the Optical Parameters of Optical Fiber Interferometer With Dedicated Boron-Doped Nanocrystalline Diamond Thin Film (Phys. Status Solidi A 111•2017). Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1770164.	1.8	1
16	ZnO semiconductor for applications in optoelectronics sensors structures. , 2017, , .		0
17	Physical and optical properties of TiO <sub>2</sub> nanolayers for integrated photonics application. Proceedings of SPIE, 2016, , .	0.8	0
18	A 2-axis electrothermal MEMS micro-scanner with torsional beam. , 2016, , .		2

#	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	Swept Source Optical Coherence Tomography Endomicroscope Based on Vertically Integrated Mirau Micro Interferometer: Concept and Technology. IEEE Sensors Journal, 2015, 15, 7061-7070.	4.7	10
22	ZnO - Wide Bandgap Semiconductor and Possibilities of Its Application in Optical Waveguide Structures. Metrology and Measurement Systems, 2014, 21, 401-412.	1.4	8
23	Hybrid photonics structures with grating and prism couplers based on ZnO waveguides. Opto-electronics Review, 2013, 21, .	2.4	7
24	Gas Sensors Based on ZnO Structures. Acta Physica Polonica A, 2013, 124, 567-569.	0.5	15
25	Sputter deposited ZnO porous films for sensing applications. Materials Research Society Symposia Proceedings, 2013, 1494, 71-76.	0.1	5
26	Photonic structures with grating couplers based on ZnO. Opto-electronics Review, 2011, 19, .	2.4	13
27	Design and numerical analyses of the planar grating coupler. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2010, 58, 509-512.	0.8	3