

# Daria Majchrowicz

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

239  
citations

1039406

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h-index

996533

15  
g-index

32  
all docs

32  
docs citations

32  
times ranked

269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporation of nitrogen in diamond films – A new way of tuning parameters for optical passive elements. <i>Diamond and Related Materials</i> , 2021, 111, 108221.	1.8	4
2	Nanocrystalline diamond sheets as protective coatings for fiber-optic measurement head. <i>Carbon</i> , 2020, 156, 104-109.	5.4	9
3	Microscale diamond protection for a ZnO coated fiber optic sensor. <i>Scientific Reports</i> , 2020, 10, 19141.	1.6	7
4	Nanodiamond phantoms mimicking human liver: perspective to calibration of T1 relaxation time in magnetic resonance imaging. <i>Scientific Reports</i> , 2020, 10, 6446.	1.6	5
5	Stress Monitoring System for Individuals With Autism Spectrum Disorders. <i>IEEE Access</i> , 2020, 8, 228236-228244.	2.6	19
6	Doped Nanocrystalline Diamond Films as Reflective Layers for Fiber-Optic Sensors of Refractive Index of Liquids. <i>Materials</i> , 2019, 12, 2124.	1.3	16
7	Label-free optical detection of cyclosporine in biological fluids. <i>Journal of Biophotonics</i> , 2019, 12, e201800273.	1.1	4
8	Support for Employees with ASD in the Workplace Using a Bluetooth Skin Resistance Sensor – A Preliminary Study. <i>Sensors</i> , 2018, 18, 3530.	2.1	21
9	Low-Coherence Interferometer with Nanocrystalline Diamond Films with Potential Application to Measure Small Biological Samples. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800244.	0.8	0
10	Nitrogen-Doped Diamond Film for Optical Investigation of Hemoglobin Concentration. <i>Materials</i> , 2018, 11, 109.	1.3	10
11	Optical-Spectrometry-Based Method for Immunosuppressant Medicine Level Detection in Aqueous Solutions. <i>Sensors</i> , 2018, 18, 2001.	2.1	1
12	Nanolayers in Fiber-Optic Biosensing. , 2018, , 395-426.		3
13	Detection of immunological agent by optical fiber sensor: preliminary study. , 2018, , .		0
14	Nitrogen-doped diamond thin films: potential application in Fabry-Pérot interferometer. , 2018, , .		0
15	Low-coherence sensors with nanolayers for biomedical sensing. , 2017, , .		0
16	Tailoring the Optical Parameters of Optical Fiber Interferometer With Dedicated Boron-Doped Nanocrystalline Diamond Thin Film. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700222.	0.8	7
17	Tailoring the Optical Parameters of Optical Fiber Interferometer With Dedicated Boron-Doped Nanocrystalline Diamond Thin Film (Phys. Status Solidi A 11~2017). <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1770164.	0.8	1
18	Low-Coherence Interferometric Fiber-Optic Sensors with Potential Applications as Biosensors. <i>Sensors</i> , 2017, 17, 261.	2.1	40

#	ARTICLE	IF	CITATIONS
19	Stability of thin film diamond mirror for applications in interferometers under the short-time exposure on selected aggressive chemicals. , 2017, , .		0
20	The silver layers in fiber-optic sensors. , 2017, , .		0
21	Application of Thin ZnO ALD Layers in Fiber-Optic Fabry-Pérot Sensing Interferometers. Sensors, 2016, 16, 416.	2.1	38
22	The low coherence Fabry-Pérot interferometer with diamond and ZnO layers. , 2016, , .		1
23	The use of thin diamond films in fiber-optic low-coherence interferometers. IOP Conference Series: Materials Science and Engineering, 2016, 104, 012023.	0.3	1
24	Application of boron-doped diamond film and ZnO layer in the Fabry-Pérot interferometer. Proceedings of SPIE, 2016, , .	0.8	1
25	Fiber optic low-coherence Fabry-Pérot interferometer with ZnO layers in transmission and reflective mode: comparative study. Proceedings of SPIE, 2016, , .	0.8	1
26	Blood equivalent phantom vs whole human blood, a comparative study. Journal of Innovative Optical Health Sciences, 2016, 09, 1650012.	0.5	13
27	Application of thin diamond films in low-coherence fiber-optic Fabry-Pérot displacement sensor. Diamond and Related Materials, 2016, 64, 169-176.	1.8	36
28	Biophotonic low-coherence sensors with boron-doped diamond thin layer. Proceedings of SPIE, 2016, , .	0.8	0
29	Diamond-based protective layer for optical biosensors. , 2016, , .		1
30	Absorption spectroscopy setup for determination of whole human blood and blood-derived materials spectral characteristics. , 2015, , .		0
31	Combined analysis of whole human blood parameters by Raman spectroscopy and spectral-domain low-coherence interferometry. , 2015, , .		0
32	Optoelectronic device for hematocrit measurements. Proceedings of SPIE, 2015, , .	0.8	0