

Tatsiana Mikulchyk

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

226
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

177
citing authors

#	ARTICLE	IF	CITATIONS
1	Color-Selective 2.5D Holograms on Large-Area Flexible Substrates for Sensing and Multilevel Security. <i>Advanced Optical Materials</i> , 2016, 4, 1589-1600.	7.3	48
2	Hybrid Sensors Fabricated by Inkjet Printing and Holographic Patterning. <i>Chemistry of Materials</i> , 2015, 27, 6097-6101.	6.7	34
3	Humidity and temperature effect on properties of transmission gratings recorded in PVA/AA-based photopolymer layers. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 105301.	2.2	31
4	Self-processing photopolymer materials for versatile design and fabrication of holographic sensors and interactive holograms. <i>Applied Optics</i> , 2018, 57, E173.	1.8	26
5	Humidity and temperature induced changes in the diffraction efficiency and the Bragg angle of slanted photopolymer-based holographic gratings. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 776-785.	7.8	25
6	N-isopropylacrylamide-based photopolymer for holographic recording of thermosensitive transmission and reflection gratings. <i>Applied Optics</i> , 2017, 56, 6348.	1.8	23
7	Investigation of the sensitivity to humidity of an acrylamide-based photopolymer containing N-phenylglycine as a photoinitiator. <i>Optical Materials</i> , 2014, 37, 810-815.	3.6	21
8	Photonic Materials for Holographic Sensing. <i>Springer Series in Materials Science</i> , 2016, , 315-359.	0.6	9
9	Synthesis of Fast Curing, Water-Resistant and Photopolymerizable Glass for Recording of Holographic Structures by One- and Two-Photon Lithography. <i>Advanced Optical Materials</i> , 2022, 10, 2102089.	7.3	8
10	Humidity and temperature response of photopolymer-based holographic gratings. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
11	Characterisation of Holographic Recording in Environmentally Stable Photopolymerisable Glass. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5969.	2.5	0