

Sumaiya Akhtar Mitu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

214
citations

1307594

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h-index

1372567

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10
all docs

10
docs citations

10
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Sensitive Photonic Crystal Fiber Based Voltage Sensor Filled With Nematic Liquid Crystal. IEEE Nanotechnology Magazine, 2022, 21, 90-99.	2.0	5
2	Micro-Structure Ring Fiber-Based Novel Magnetic Sensor with High Birefringence and High Sensitivity Response in Broad Waveband. Plasmonics, 2021, 16, 905-913.	3.4	11
3	Exploring the optical properties of exposed-core-based photonic-crystal fibers. Journal of Computational Electronics, 2021, 20, 1260-1269.	2.5	5
4	Development and analysis of surface plasmon resonance based refractive index sensor for pregnancy testing. Optics and Lasers in Engineering, 2021, 140, 106551.	3.8	56
5	High sensitivity refractive index sensor based on triple layer MgF ₂ -gold-MgF ₂ coated nano metal films photonic crystal fiber. Optik, 2021, 241, 166950.	2.9	48
6	Hollow core negative curvature fiber based refractive index sensor design and investigation for tuberculosis monitoring. Physica Scripta, 2021, 96, 125877.	2.5	4
7	Fe ₃ O ₄ nanofluid injected photonic crystal fiber for magnetic field sensing applications. Journal of Magnetism and Magnetic Materials, 2020, 494, 165831.	2.3	27
8	Ultra-high sensitivity refractive index biosensor based on gold coated nano-film photonic crystal fiber. Results in Physics, 2020, 17, 103151.	4.1	27
9	Magnetic Fluid-Injected Ring-Core-Based Micro-structured Optical Fiber for Temperature Sensing in Broad Wavelength Spectrum. Journal of Electronic Materials, 2020, 49, 4969-4976.	2.2	13
10	Design of Magnetic Fluid Sensor Using Elliptically Hole Assisted Photonic Crystal Fiber (PCF). Journal of Superconductivity and Novel Magnetism, 2020, 33, 2189-2198.	1.8	18