

# Niteshkumar Agrawal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5532378/publications.pdf>

Version: 2024-02-01

9  
papers

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citations

1478505

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1588992

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docs citations

9  
times ranked

197  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel periodically tapered structure-based gold nanoparticles and graphene oxide “ Immobilized optical fiber sensor to detect ascorbic acid. Optics and Laser Technology, 2020, 127, 106156.	4.6	62
2	Detection of L-Cysteine Using Silver Nanoparticles and Graphene Oxide Immobilized Tapered SMS Optical Fiber Structure. IEEE Sensors Journal, 2020, 20, 11372-11379.	4.7	60
3	Development of Dopamine Sensor Using Silver Nanoparticles and PEG-Functionalized Tapered Optical Fiber Structure. IEEE Transactions on Biomedical Engineering, 2020, 67, 1542-1547.	4.2	57
4	Ultra-Sensitive Cholesterol Sensor Using Gold and Zinc-Oxide Nanoparticles Immobilized Core Mismatch MPM/SPS Probe. Journal of Lightwave Technology, 2020, 38, 2523-2529.	4.6	55
5	Development of Uric Acid Sensor Using Copper Oxide and Silver Nanoparticles Immobilized SMSMS Fiber Structure-Based Probe. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9097-9104.	4.7	55
6	Recent advancements in plasmonic optical biosensors: a review. ISSS Journal of Micro and Smart Systems, 2022, 11, 31-42.	2.0	7
7	A Plus Shaped Cavity in Optical Fiber Based Refractive Index Sensor. IEEE Transactions on Nanobioscience, 2022, 21, 199-205.	3.3	3
8	To analyse the performance of tapered and MMI assisted splitter on the basis of geographical parameters. Optik, 2014, 125, 2568-2571.	2.9	2
9	Analyzing the Optimum Parameter of an 1x2 MMI Splitter. , 2013, , .		1