

# Aaryashree No Family Name

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

418  
citations

758635

12  
h-index

839053

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

556  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Disposable Sensor Chip Using a Paste Electrode with Surface-Imprinted Graphite Particles for Rapid and Reagentless Monitoring of Theophylline. <i>Molecules</i> , 2022, 27, 2456.	1.7	2
2	Mesoporous Tyrosine Functionalized BTC-ZnO Composite for Highly Selective Capacitive CO Sensor. <i>IEEE Sensors Journal</i> , 2021, 21, 2610-2617.	2.4	5
3	Recent advances in 2D black phosphorus based materials for gas sensing applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 3773-3794.	2.7	51
4	Recent developments in self-powered smart chemical sensors for wearable electronics. <i>Nano Research</i> , 2021, 14, 3669-3689.	5.8	78
5	Molecularly Imprinted Carbon-Paste for Theophylline Sensing on a Disposable Paper Chip Sensor. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 1394-1394.	0.0	0
6	A "Single-Use" Ceramic-Based Electrochemical Sensor Chip Using Molecularly Imprinted Carbon Paste Electrode. <i>Sensors</i> , 2020, 20, 5847.	2.1	16
7	Organo-di-benzoic-acidified ZnO Nanohybrids for Highly Selective Detection of CO at Low Temperature. <i>Journal of Physical Chemistry C</i> , 2020, 124, 7307-7316.	1.5	17
8	A Disposable Vancomycin Sensor Using Molecularly Imprinted Carbon Paste on a Ceramic Chip. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3332-3332.	0.0	0
9	Functionalized Oligo(ethylene glycol) terminated ZnO Nanoparticles for Selective Detection of Ethanol at Room Temperature. <i>IEEE Sensors Journal</i> , 2019, 19, 2847-2854.	2.4	12
10	Architecture tailoring of MoO <sub>3</sub> nanostructures for superior ethanol sensing performance. <i>Materials Research Bulletin</i> , 2019, 109, 281-290.	2.7	29
11	Highly Selective and Sensitive Methanol Sensor Using Rose-Like ZnO Microcube and MoO <sub>3</sub> Micrograss-Based Composite. <i>IEEE Sensors Journal</i> , 2018, 18, 2659-2666.	2.4	37
12	Enhancement in Methanol Selectivity Using MoO <sub>3</sub> Micrograss Encapsulated ZnO Microcube. , 2018, , .		0
13	Spectral Photoresponse Tunability of MgZnO Based UV Photodetectors. , 2018, , .		0
14	Nano-Scaled ZnO Based RRAM with Memristive Behavior Fabricated by Dual Ion Beam Sputtering. , 2018, , .		0
15	Ƴ-Conjugated Amine-ZnO Nanohybrids for the Selective Detection of CO <sub>2</sub> Gas at Room Temperature. <i>ACS Applied Nano Materials</i> , 2018, 1, 6912-6921.	2.4	26
16	Sputter-instigated plasmon-enhanced optical backscattering layer in ultrathin solar cells: Application of GZO in CIGSe material system. <i>Solar Energy</i> , 2018, 174, 35-44.	2.9	11
17	Impact of sputter-instigated plasmonic features in TCO films: for ultrathin photovoltaic applications. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	16
18	Optoelectronic properties of phosphorus doped p-type ZnO films grown by dual ion beam sputtering. <i>Journal of Applied Physics</i> , 2017, 121, .	1.1	16

#	ARTICLE	IF	CITATIONS
19	Synergetic Accrual of Lamellar Nanohybrids for Band-Selective Photodetection. <i>Journal of Physical Chemistry C</i> , 2017, 121, 14037-14044.	1.5	10
20	Lamellar Peptide- <sup>66</sup> Cadmium- <sup>66</sup> Doped Zinc Oxide Nanohybrids That Emit White Light. <i>ChemPlusChem</i> , 2016, 81, 329-337.	1.3	10
21	Growth and characterization of dual ion beam sputtered Cu <sub>2</sub> ZnSn(S, Se) <sub>4</sub> thin films for cost-effective photovoltaic application. <i>Solar Energy</i> , 2016, 139, 1-12.	2.9	31
22	Photosensitive ZnO-Graphene Quantum Dot Hybrid Nanocomposite for Optoelectronic Applications. <i>ChemistrySelect</i> , 2016, 1, 1503-1509.	0.7	12
23	Localized surface plasmon resonance on Au nanoparticles: tuning and exploitation for performance enhancement in ultrathin photovoltaics. <i>RSC Advances</i> , 2016, 6, 26216-26226.	1.7	39