Aaryashree No Family Name

List of Publications by Year
in descending order

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23	418	758635 12	839053 18
papers	citations	h-index	g-index

23	23	23	556
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent developments in self-powered smart chemical sensors for wearable electronics. Nano Research, 2021, 14, 3669-3689.	5.8	78
2	Recent advances in 2D black phosphorus based materials for gas sensing applications. Journal of Materials Chemistry C, 2021, 9, 3773-3794.	2.7	51
3	Localized surface plasmon resonance on Au nanoparticles: tuning and exploitation for performance enhancement in ultrathin photovoltaics. RSC Advances, 2016, 6, 26216-26226.	1.7	39
4	Highly Selective and Sensitive Methanol Sensor Using Rose-Like ZnO Microcube and MoO₃ Micrograss-Based Composite. IEEE Sensors Journal, 2018, 18, 2659-2666.	2.4	37
5	Growth and characterization of dual ion beam sputtered Cu2ZnSn(S, Se)4 thin films for cost-effective photovoltaic application. Solar Energy, 2016, 139, 1-12.	2.9	31
6	Architecture tailoring of MoO3 nanostructures for superior ethanol sensing performance. Materials Research Bulletin, 2019, 109, 281-290.	2.7	29
7	Ï€-Conjugated Amineâ€“ZnO Nanohybrids for the Selective Detection of CO₂ Gas at Room Temperature. ACS Applied Nano Materials, 2018, 1, 6912-6921.	2.4	26
8	Organo-di-benzoic-acidified ZnO Nanohybrids for Highly Selective Detection of CO at Low Temperature. Journal of Physical Chemistry C, 2020, 124, 7307-7316.	1.5	17
9	Impact of sputter-instigated plasmonic features in TCO films: for ultrathin photovoltaic applications. Applied Physics Letters, 2017, 110, .	1.5	16
10	Optoelectronic properties of phosphorus doped p-type ZnO films grown by dual ion beam sputtering. Journal of Applied Physics, 2017, 121, .	1.1	16
11	A â€œSingle-Useâ€•Ceramic-Based Electrochemical Sensor Chip Using Molecularly Imprinted Carbon Paste Electrode. Sensors, 2020, 20, 5847.	2.1	16
12	Photosensitive ZnO-Graphene Quantum Dot Hybrid Nanocomposite for Optoelectronic Applications. ChemistrySelect, 2016, 1, 1503-1509.	0.7	12
13	Functionalized Oligo(<inline-formula> <tex-math notation="LaTeX">p </tex-math>) Tj ETQq1 1 0.784314 rgBT /Ove at Room Temperature. IEEE Sensors Journal, 2019, 19, 2847-2854.	2.4	12
14	Sputter-instigated plasmon-enhanced optical backscattering layer in ultrathin solar cells: Application of GZO in CIGSe material system. Solar Energy, 2018, 174, 35-44.	2.9	11
15	Lamellar Peptideâ€“Cadmiumâ€Doped Zinc Oxide Nanohybrids That Emit White Light. ChemPlusChem, 2016, 81, 329-337.	1.3	10
16	Synergetic Accrual of Lamellar Nanohybrids for Band-Selective Photodetection. Journal of Physical Chemistry C, 2017, 121, 14037-14044.	1.5	10
17	Mesoporous Tyrosine Functionalized BTC-ZnO Composite for Highly Selective Capacitive CO Sensor. IEEE Sensors Journal, 2021, 21, 2610-2617.	2.4	5
18	A Disposable Sensor Chip Using a Paste Electrode with Surface-Imprinted Graphite Particles for Rapid and Reagentless Monitoring of Theophylline. Molecules, 2022, 27, 2456.	1.7	2

#	Article	IF	Citations
19	Enhancement in Methanol Selectivity Using MoO<inf>3</inf> Micrograss Encapsulated Zno Microcube. , 2018, , .		0
20	Spectral Photoresponse Tunability of MgZnO Based UV Photodetectors. , 2018, , .		0
21	Nano-Scaled ZnO Based RRAM with Memristive Behavior Fabricated by Dual Ion Beam Sputtering. , 2018, , .		0
22	Molecularly Imprinted Carbon-Paste for Theophylline Sensing on a Disposable Paper Chip Sensor. ECS Meeting Abstracts, 2021, MA2021-01, 1394-1394.	0.0	0
23	A Disposable Vancomycin Sensor Using Molecularly Imprinted Carbon Paste on a Ceramic Chip. ECS Meeting Abstracts, 2020, MA2020-02, 3332-3332.	0.0	0