

Nargis Bano

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

669
citations

1039880

9
h-index

752573

20
g-index

23
all docs

23
docs citations

23
times ranked

1134
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of magnesium addition in ZnO matrix using group II heptahydrate. Materials Research Express, 2021, 8, 045011.	0.8	0
2	Quantitative analysis of electrically active defects in Au/AlGaIn/GaN HEMTs structure using capacitance–frequency and DLTS measurements. Journal of Physics Communications, 2021, 5, 125010.	0.5	0
3	Modulating the ZnO NR shape to enhance the luminescence efficiency for optoelectronic applications. Materials Research Express, 2020, 7, 025042.	0.8	0
4	Quantitative analysis of the Schottky interface of reduced graphene oxide Schottky diodes. Materials Research Express, 2020, 7, 095007.	0.8	3
5	Luminous nanocomposite: a future material for optoelectronic applications. Materials Research Express, 2019, 6, 115629.	0.8	1
6	Exploring the fluorescence properties of reduced graphene oxide with tunable device performance. Diamond and Related Materials, 2019, 94, 59-64.	1.8	10
7	Study of a saturation point to establish the doping density limit of silicon with graphene oxide. Materials Science in Semiconductor Processing, 2019, 96, 116-121.	1.9	4
8	ZnMgO-nanorod-based Schottky Light-emitting Diode Fabricated on n-SiC Substrate Using Low-temperature Method. Silicon, 2019, 11, 1755-1761.	1.8	4
9	Enhancing external quantum efficiency and luminescence quality of ZnO nanorods based Schottky LEDs by Mg doping. Materials Research Express, 2019, 6, 025050.	0.8	4
10	Solution processable inverted structure ZnO-organic hybrid heterojunction white LEDs. Optical Materials, 2018, 79, 322-326.	1.7	7
11	Enhancement of external quantum efficiency and quality of heterojunction white LEDs by varying the size of ZnO nanorods. Nanotechnology, 2017, 28, 245203.	1.3	11
12	Annealing effect on the electrical and optical properties of Au/n-ZnO NWs Schottky diodes white LEDs. Superlattices and Microstructures, 2013, 62, 200-206.	1.4	13
13	Systematic study of interface trap and barrier inhomogeneities using I-V-T characteristics of Au/ZnO nanorods Schottky diode. Journal of Applied Physics, 2013, 113, .	1.1	50
14	Hybrid organic zinc oxide white-light-emitting diodes on disposable paper substrate. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1600-1605.	0.8	8
15	Nanoscale elastic modulus of single horizontal ZnO nanorod using nanoindentation experiment. Nanoscale Research Letters, 2012, 7, 146.	3.1	30
16	Enhancement of zinc interstitials in ZnO nanotubes grown on glass substrate by the hydrothermal method. Applied Physics A: Materials Science and Processing, 2012, 106, 151-156.	1.1	7
17	Zinc oxide nanorods/polymer hybrid heterojunctions for white light emitting diodes. Journal Physics D: Applied Physics, 2011, 44, 224017.	1.3	60
18	Study of the Distribution of Radiative Defects and Reabsorption of the UV in ZnO Nanorods-Organic Hybrid White Light Emitting Diodes (LEDs). Materials, 2011, 4, 1260-1270.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Study of Au/ZnO nanorods Schottky light-emitting diodes grown by low-temperature aqueous chemical method. <i>Applied Physics A: Materials Science and Processing</i> , 2010, 100, 467-472.	1.1	10
20	Depth-resolved cathodoluminescence study of zinc oxide nanorods catalytically grown on p-type 4H-SiC. <i>Journal of Luminescence</i> , 2010, 130, 963-968.	1.5	30
21	Luminescence from Zinc Oxide Nanostructures and Polymers and their Hybrid Devices. <i>Materials</i> , 2010, 3, 2643-2667.	1.3	371
22	Study of luminescent centers in ZnO nanorods catalytically grown on 4H-p-SiC. <i>Semiconductor Science and Technology</i> , 2009, 24, 125015.	1.0	32
23	Inorganic-organic ZnO Based Heterostructures for Lighting. <i>ECS Transactions</i> , 2009, 19, 1-12.	0.3	4