Nargis Bano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7663708/publications.pdf

Version: 2024-02-01

23	669	1039880 9	752573 20
papers	citations	h-index	g-index

23	23	23	1134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Luminescence from Zinc Oxide Nanostructures and Polymers and their Hybrid Devices. Materials, 2010, 3, 2643-2667.	1.3	371
2	Zinc oxide nanorods/polymer hybrid heterojunctions for white light emitting diodes. Journal Physics D: Applied Physics, 2011, 44, 224017.	1.3	60
3	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
4	Study of luminescent centers in ZnO nanorods catalytically grown on 4H-p-SiC. Semiconductor Science and Technology, 2009, 24, 125015.	1.0	32
5	Depth-resolved cathodoluminescence study of zinc oxide nanorods catalytically grown on p-type 4H-SiC. Journal of Luminescence, 2010, 130, 963-968.	1.5	30
6	Nanoscale elastic modulus of single horizontal ZnO nanorod using nanoindentation experiment. Nanoscale Research Letters, 2012, 7, 146.	3.1	30
7	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
8	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
9	Study of Au/ZnO nanorods Schottky light-emitting diodes grown by low-temperature aqueous chemical method. Applied Physics A: Materials Science and Processing, 2010, 100, 467-472.	1.1	10
10	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
11	Exploring the fluorescence properties of reduced graphene oxide with tunable device performance. Diamond and Related Materials, 2019, 94, 59-64.	1.8	10
12	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
13	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
14	Solution processable inverted structure ZnO-organic hybrid heterojuction white LEDs. Optical Materials, 2018, 79, 322-326.	1.7	7
15	Inorganic-organic ZnO Based Heterostructures for Lighting. ECS Transactions, 2009, 19, 1-12.	0.3	4
16	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
17	ZnMgO-nanorod-based Schottky Light-emitting Diode Fabricated on n-SiC Substrate Using Low-temperature Method. Silicon, 2019, 11, 1755-1761.	1.8	4
18	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

#	Article	IF	Citations
19	Quantitative analysis of the Schottky interface of reduced graphene oxide Schottky diodes. Materials Research Express, 2020, 7, 095007.	0.8	3
20	Luminous nanocomposite: a future material for optoelectronic applications. Materials Research Express, 2019, 6, 115629.	0.8	1
21	Modulating the ZnO NR shape to enhance the luminescence efficiency for optoelectronic applications. Materials Research Express, 2020, 7, 025042.	0.8	0
22	Investigation of magnesium addition in ZnO matrix using group II heptahydrate. Materials Research Express, 2021, 8, 045011.	0.8	0
23	Quantitative analysis of electrically active defects in Au/AlGaN/GaN HEMTs structure using capacitanceâ€“frequency and DLTS measurements. Journal of Physics Communications, 2021, 5, 125010.	0.5	0