

Marzaini Rashid

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2140079/publications.pdf>

Version: 2024-02-01

23
papers

232
citations

1040056

9
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

274
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-wavelength photodetectors based on porous spin-coated and compact RF-sputtered NiO films grown over Si substrate: Effect of surface morphology. <i>Optik</i> , 2022, 255, 168694.	2.9	8
2	Eco-friendly ultrafast self-powered p-Si/n-ZnO photodetector enhanced by photovoltaic-pyroelectric coupling effect. <i>Ceramics International</i> , 2022, 48, 16142-16155.	4.8	10
3	Photovoltaic Performance of Spherical TiO ₂ Nanoparticles Derived from Titanium Hydroxide Ti(OH) ₄ : Role of Annealing Varying Temperature. <i>Energies</i> , 2022, 15, 1648.	3.1	4
4	Preparation and characteristics study of self-powered and fast response p-NiO/n-Si heterojunction photodetector. <i>Ceramics International</i> , 2022, 48, 20078-20089.	4.8	10
5	Structural, optical and electrical investigation of low-temperature processed zinc oxide quantum dots based thin films using precipitation-spin coating on flexible substrates. <i>Physica B: Condensed Matter</i> , 2022, 635, 413806.	2.7	9
6	Concentration dependence of physical properties of low temperature processed ZnO quantum dots thin films on polyethylene terephthalate as potential electron transport material for perovskite solar cell. <i>Ceramics International</i> , 2022, 48, 31559-31569.	4.8	6
7	Broadband visible emission from photoelectrochemical etched porous silicon quantum dots containing zinc. <i>Materials Chemistry and Physics</i> , 2021, 258, 123935.	4.0	10
8	White, blue and green emission from Si QDs derived from zinc incorporated porous silicon. <i>Journal of Luminescence</i> , 2021, 232, 117845.	3.1	8
9	ZnO quantum dot based thin films as promising electron transport layer: Influence of surface-to-volume ratio on the photoelectric properties. <i>Ceramics International</i> , 2021, 47, 12397-12409.	4.8	18
10	Mesoporous TiO ₂ Implanted ZnO QDs for the Photodegradation of Tetracycline: Material Design, Structural Characterization and Photodegradation Mechanism. <i>Catalysts</i> , 2021, 11, 1205.	3.5	6
11	Enhancement of Temperature Fluorescence Brightness of Zn@Si Core-Shell Quantum Dots Produced via a Unified Strategy. <i>Nanomaterials</i> , 2021, 11, 3158.	4.1	2
12	Silicon quantum dot/black silicon hybrid nanostructure for broadband reflection reduction. <i>Materials Science in Semiconductor Processing</i> , 2020, 115, 105113.	4.0	6
13	VIS-NIR spectral and particles distribution of Au, Ag, Cu, Al and Ni nanoparticles synthesized in distilled water using laser ablation. <i>Results in Physics</i> , 2019, 14, 102497.	4.1	20
14	Low power consumption UV sensor based on n-ZnO/p-Si junctions. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 19639-19646.	2.2	6
15	Control of the structural, electrical and optical properties of spin coated NiO films by varying precursor molarity. <i>Thin Solid Films</i> , 2019, 690, 137554.	1.8	24
16	High-performance multicolor metal-semiconductor-metal Si photodetector enhanced by nanostructured NiO thin film. <i>Journal of Alloys and Compounds</i> , 2019, 798, 300-310.	5.5	45
17	Effect of RF power on structural, morphological and optical properties of NiO thin films. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
18	Characterization of SiO ₂ /SiC Interface of Phosphorous-Doped MOS Capacitors by Conductance Measurements. <i>International Journal of Recent Technology and Engineering</i> , 2019, 8, 5505-5508.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Pore Wall Thinning of Mesoporous 4H-SiC by Sacrificial Oxidation. Crystal Research and Technology, 2018, 53, 1800120.	1.3	1
20	Optical properties of mesoporous 4H-SiC prepared by anodic electrochemical etching. Journal of Applied Physics, 2016, 120, .	2.5	10
21	Surface-state dependent optical properties of OH-, F-, and H-terminated 4H-SiC quantum dots. Physical Chemistry Chemical Physics, 2016, 18, 21676-21685.	2.8	12
22	pn-Junction photodiode based on GaN grown on Si (111) by plasma-assisted molecular beam epitaxy. Materials Science in Semiconductor Processing, 2013, 16, 1859-1864.	4.0	14
23	Tuning Optoelectronic Properties of 4H-SiC QDs Using -H, -OH and -F Surface Functionalisation. Materials Science Forum, 0, 821-823, 375-378.	0.3	1