

Siti Khadijah Mohd Bakhori

List of Publications by Year in descending order

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35
papers

3,138
citations

1040056

9
h-index

713466

21
g-index

35
all docs

35
docs citations

35
times ranked

5407
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on Zinc Oxide Nanoparticles: Antibacterial Activity and Toxicity Mechanism. Nano-Micro Letters, 2015, 7, 219-242.	27.0	2,782
2	Antibacterial responses of zinc oxide structures against Staphylococcus aureus, Pseudomonas aeruginosa and Streptococcus pyogenes. Ceramics International, 2014, 40, 2993-3001.	4.8	103
3	Structural and optical properties of nanocrystalline CdS thin films prepared using microwave-assisted chemical bath deposition. Thin Solid Films, 2012, 520, 3477-3484.	1.8	97
4	Effect of surface modification and UVA photoactivation on antibacterial bioactivity of zinc oxide powder. Applied Surface Science, 2014, 292, 405-412.	6.1	32
5	In-vitro efficacy of different morphology zinc oxide nanopowders on Streptococcus sobrinus and Streptococcus mutans. Materials Science and Engineering C, 2017, 78, 868-877.	7.3	19
6	Electron spectroscopy imaging and surface defect configuration of zinc oxide nanostructures under different annealing ambient. Applied Surface Science, 2013, 265, 137-144.	6.1	17
7	Structural morphology and in vitro toxicity studies of nano- and micro-sized zinc oxide structures. Journal of Environmental Chemical Engineering, 2015, 3, 436-444.	6.7	14
8	The growth of heavily Mg-doped GaN thin film on Si substrate by molecular beam epitaxy. Thin Solid Films, 2011, 520, 756-760.	1.8	13
9	Surface morphological and mechanical properties of zinc oxide eugenol using different types of ZnO nanopowder. Materials Science and Engineering C, 2019, 100, 645-654.	7.3	12
10	Optical Analysis of Nanocrystalline ZnO Films Coated on Porous Silicon by Radio Frequency (RF) Magnetron Sputtering. Composite Interfaces, 2011, 18, 441-448.	2.3	8
11	Effect of Porosity on the Characteristics of GaN Grown on Sapphire. , 2011, , .		5
12	Surface phonon polariton characteristics of In _{0.04} Al _{0.06} Ga _{0.90} N/AlN/Al ₂ O ₃ heterostructure. Optics Express, 2010, 18, 10354.	3.4	4
13	Cytotoxicity determination of nano-zinc oxide eugenol on human gingival fibroblast cells. Materials Chemistry and Physics, 2021, 268, 124649.	4.0	4
14	Enhanced Properties of Porous GaN Prepared by UV Assisted Electrochemical Etching. Advanced Materials Research, 2011, 364, 90-94.	0.3	3
15	Nanocrystalline ZnO Film Grown on Porous SnO ₂ /Si(111) Substrate. Composite Interfaces, 2011, 18, 627-632.	2.3	3
16	Nanoporous ZnO prepared by electrochemical anodization deposition. Proceedings of SPIE, 2012, , .	0.8	3
17	Characterization of ZnO Nanopowder and Antibacterial Response against <i>Staphylococcus aureus</i> under UVA Illumination. Advanced Materials Research, 0, 795, 148-152.	0.3	3
18	Post-Annealing Effects on ITO Thin Films RF Sputtered at Different Thicknesses on Si and Glass. Advanced Materials Research, 0, 925, 411-415.	0.3	3

#	ARTICLE	IF	CITATIONS
19	Structural morphology of zinc oxide structures with antibacterial application of calamine lotion. AIP Conference Proceedings, 2015, , .	0.4	3
20	Toxicity evaluation of ZnO nanostructures on L929 fibroblast cell line using MTS assay. AIP Conference Proceedings, 2015, , .	0.4	2
21	Cytotoxicity evaluation of ZnO-eugenol (ZOE) using different ZnO structure on human gingival fibroblast. AIP Conference Proceedings, 2017, , .	0.4	2
22	Structural and optical properties of $\text{Al}_x\text{In}_y\text{Ga}_{1-x-y}\text{N}$ quaternary alloys grown on sapphire substrates by molecular beam epitaxy. Microelectronics International, 2010, 27, 148-153.	0.6	1
23	The Study of Energy Band Gap of $\text{Al}_x\text{In}_y\text{Ga}_{1-x-y}\text{N}$ Quaternary Alloys Using UV-VIS Spectroscopy. , 2010, , .		1
24	Characterization of GaN p-n Junction Grown on Si (111) Substrate by Plasma-Assisted Molecular Beam Epitaxy. Advanced Materials Research, 0, 364, 139-143.	0.3	1
25	Effects of Annealing Treatment on Structural, Optical and Morphology Characteristics of ZnO Nanostructures. Advanced Materials Research, 0, 626, 967-970.	0.3	1
26	Optical Properties and Antibacterial Bioactivity of ZnO Nanopowder Annealed in Different Ambient. Advanced Materials Research, 2012, 626, 324-328.	0.3	1
27	Photoluminescence and Raman Studies of Annealed ZnO Nanostructures. Advanced Materials Research, 2012, 501, 179-183.	0.3	1
28	Polarized Infrared Reflectance Studies of Quaternary $\text{In}_{0.04}\text{Al}_{0.06}\text{Ga}_{0.90}\text{N}$. , 2010, , .		0
29	Polarized Infrared Reflectance Study of InGaN Semiconductor. , 2010, , .		0
30	Photoluminescence Characterization of ZnO Thin Films Grown by RF- Sputtering. , 2011, , .		0
31	Effects of Annealing Treatment on Photoluminescence and Structural Properties of ZnO Nanostructures. Advanced Materials Research, 0, 501, 184-188.	0.3	0
32	Structural, Optical and Antibacterial Properties of ZnO Commercial Powder Grades. Advanced Materials Research, 2013, 795, 19-23.	0.3	0
33	Enhanced Photoconductivity and Antibacterial Response of Rubber-Grade ZnO upon UVA Illumination. Advanced Materials Research, 0, 925, 33-37.	0.3	0
34	In-vitro antibacterial study of zinc oxide nanostructures on Streptococcus sobrinus. , 2014, , .		0
35	Photoconductivity of Pharma-Grade ZnO under UVA and White Light Exposure. Advanced Materials Research, 2015, 1108, 73-78.	0.3	0