

M Azizar Rahman

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

442
citations

840776

11
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of annealing temperature on structural, electrical and optical properties of spray pyrolytic nanocrystalline CdO thin films. <i>Materials Science in Semiconductor Processing</i> , 2014, 24, 26-33.	4.0	80
2	Effect of Al-doping on optical and electrical properties of spray pyrolytic nano-crystalline CdO thin films. <i>Current Applied Physics</i> , 2010, 10, 790-796.	2.4	73
3	Electrical transport properties of Mn ²⁺ -Ni ²⁺ -Zn ferrite using complex impedance spectroscopy. <i>Physica Scripta</i> , 2014, 89, 025803.	2.5	53
4	Relaxation mechanism of (x)Mn _{0.45} Ni _{0.05} Zn _{0.50} Fe ₂ O ₄ + (1 - x)Tj ETQq0.00 rgBT /Overlock 189, 115811.	2.5	38
5	Surface polarity control in ZnO films deposited by pulsed laser deposition. <i>Applied Surface Science</i> , 2019, 483, 1129-1135.	6.1	32
6	Effect of Co doping on structural, optical, electrical and thermal properties of nanostructured ZnO thin films. <i>Journal of Semiconductors</i> , 2015, 36, 033004.	3.7	28
7	Vacancy cluster in ZnO films grown by pulsed laser deposition. <i>Scientific Reports</i> , 2019, 9, 3534.	3.3	26
8	Efficient multi-coloured Li-doped ZnO thin films fabricated by spray pyrolysis. <i>Journal of Alloys and Compounds</i> , 2017, 691, 339-342.	5.5	21
9	A facile method for bright, colour-tunable light-emitting diodes based on Ga-doped ZnO nanorods. <i>Nanotechnology</i> , 2018, 29, 425707.	2.6	18
10	Structural, magnetic and transport properties of magnetoelectric composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 345, 89-95.	2.3	14
11	Effect of Cu ²⁺ substitution on structural, magnetic and transport properties of Fe _{2.5} Zn _{0.5} ~xCu _x O ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 369, 168-175.	2.3	13
12	Solution-processed mixed halide CH ₃ NH ₃ PbI ₃ ~xCl _x thin films prepared by repeated dip coating. <i>Journal of Materials Science</i> , 2019, 54, 11818-11826.	3.7	9
13	Charge state switching of Cu acceptors in ZnO nanorods. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	8
14	Physical and Superconducting Properties of Chiral Noncentrosymmetric TaRh ₂ B ₂ and NbRh ₂ B ₂ : A Comprehensive DFT Study. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1143-1152.	4.3	8
15	Structural and electrical properties of (<i>x</i>)Mn _{0.45} Ni _{0.05} Zn _{0.50} Fe ₂ O ₄ + (1) Tj ETQq1 1 0.784314 rgBT Research Express, 2014, 1, 026113.	1.6	6
16	Structural, opto-electronic characteristics and second harmonic generation of solution processed CH ₃ NH ₃ PbI ₃ -xCl _x thin film prepared by spray pyrolysis. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 259, 114599.	3.5	6
17	Electrical and optical properties in O-polar and Zn-polar ZnO films grown by pulsed laser deposition. <i>Thin Solid Films</i> , 2020, 711, 138303.	1.8	4
18	Multi-Color Excitonic Emissions in Chemical Dip-Coated Organolead Mixed-Halide Perovskite. <i>ChemistrySelect</i> , 2018, 3, 6525-6530.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Relaxation and Conduction Mechanisms of High Tc Lead-Free Ba (Zr,Ti)O ₃ Positive Temperature Coefficient of Resistivity Ceramic Using Impedance Spectroscopy. International Journal of Mechanical Engineering and Applications, 2014, 2, 11.	0.3	1
20	Convertible Green Luminescence Determined by Surface Band Bending in ZnO. Journal of Physical Chemistry C, 2022, 126, 4082-4088.	3.1	1
21	Response of dielectric behaviour in piezoelectric and magnetostrictive composites. , 2012, , .		0