

Robi Kurniawan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Origin of ferroelectricity in carbon-doped ZnO nanocolumnars: Experimental and density-functional studies. <i>Ceramics International</i> , 2022, 48, 2038-2044.	2.3	5
2	Investigation of Structures, Vibrational Spectra, and Morphological Characteristics of Undoped and Cobalt-doped Ni-Zn Ferrite. <i>JPSE (Journal of Physical Science and Engineering)</i> , 2022, 7, 51-55.	0.2	0
3	Polarization behavior of seedless ZnO nanocolumnars grown by DC-unbalanced magnetron sputtering. <i>Ceramics International</i> , 2022, 48, 30218-30223.	2.3	1
4	Study on optical absorption and conductivity of hybrid ZnO nanorod/graphene. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	4
5	Enhanced photoelectrochemical performance of Fe ₂ O ₃ /ZnO nanocomposite film. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
6	Improved Solar Cell and Photoresponse Performance of CH ₃ NH ₃ PbI ₃ Perovskite with ZnO Nanorods. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 515, 012089.	0.3	4
7	The effect of Zn-acetate molar variation on phase formation and photocatalytic degradation activity of Fe ₃ O ₄ /ZnO core-shell nanocomposite. <i>Molecular Crystals and Liquid Crystals</i> , 2019, 694, 49-59.	0.4	2
8	Chemistry of prehistoric rock art pigments from the Indonesian island of Sulawesi. <i>Microchemical Journal</i> , 2019, 146, 227-233.	2.3	18
9	Morphological Modification and Analysis of ZnO Nanorods and Their Optical Properties and Polarization. <i>Scanning</i> , 2018, 2018, 1-8.	0.7	22
10	The effect of Ta dopant on the electronic and optical properties of anatase TiO ₂ : a first-principles study. <i>Materials Research Express</i> , 2017, 4, 024002.	0.8	21
11	Structural and optical properties analysis of MoS ₂ nanoflakes on quartz substrate as prepared by mechanical exfoliation. <i>Journal of Physics: Conference Series</i> , 2017, 877, 012036.	0.3	10
12	Defect-induced excitonic recombination in Ti _x Zn _{1-x} O thin films grown by DC-unbalanced magnetron sputtering. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 112101.	0.8	12
13	Plasmon-exciton interaction and screening of exciton in ZnO-based thin film on bulk Pt as analyzed by spectroscopic ellipsometry. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 01AD06.	0.8	13
14	Polarization behavior of zinc oxide thin films studied by temperature dependent spectroscopic ellipsometry. <i>Optical Materials Express</i> , 2017, 7, 3902.	1.6	16
15	Effect of Ta concentration on the refractive index of TiO ₂ :Ta studied by spectroscopic ellipsometry. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	3
16	Polarity enhancement in high oriented ZnO films on Si (100) substrate. , 2016, , .		3
17	Electrical properties of ZnO-based photodetector prepared by room temperature DC unbalanced magnetron sputtering. , 2016, , .		2
18	Room temperature analysis of dielectric function of ZnO-based thin film on fused quartz substrate. , 2015, , .		5