

Robi Kurniawan

List of Publications by Year in descending order

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117
citing authors

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