

Rashad Badran

List of Publications by Year in descending order

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papers

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23
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Iron Oxide Nanoparticles for Phenyl Hydrazine Sensor Applications. <i>Sensor Letters</i> , 2014, 12, 97-101.	0.4	144
2	Synthesis and characterization of zinc oxide nanorods on silicon for the fabrication of p-Si/n-ZnO heterojunction diode. <i>Journal of Alloys and Compounds</i> , 2010, 508, 375-379.	5.5	29
3	Electrical properties of solution processed p-SnS nanosheets/n-TiO ₂ heterojunction assembly. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	18
4	Electrical Properties of p-Si/n-ZnO Nanowires Heterojunction Devices. <i>Advanced Science Letters</i> , 2011, 4, 24-28.	0.2	13
5	Strong absorption formalism applied to the direct transfer reaction leading to continuum states. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1996, 22, 1441-1454.	3.6	12
6	A study of optical properties of hydrogenated microcrystalline silicon films prepared by plasma enhanced chemical vapor deposition technique at different conditions of excited power and pressure. <i>Vacuum</i> , 2009, 83, 1023-1030.	3.5	11
7	An analysis of the strongly coupled E(X)e Jahn-Teller system: anisotropy and the inversion splitting. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 6329-6343.	1.8	9
8	STRONG ABSORPTION ANALYSIS OF ELASTIC SCATTERING REACTIONS USING McINTYRE AND FRAHNâ€“VENTER MODELS. <i>International Journal of Modern Physics E</i> , 2010, 19, 2199-2217.	1.0	9
9	Exploring diffractive features of elastic scattering of ^6Li by different target nuclei at different energies. <i>Canadian Journal of Physics</i> , 2013, 91, 355-364.	1.1	8
10	Growth and Properties of Sn-Doped ZnO Nanowires for Heterojunction Diode Application. <i>Science of Advanced Materials</i> , 2014, 6, 1993-2000.	0.7	8
11	Fabrication and Characterization of n-ZnO Hexagonal Nanorods/ p-Si Heterojunction Diodes: Temperature-Dependant Electrical Characteristics. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4969-4975.	0.9	7
12	Temperature Dependant Structural and Electrical Properties of ZnO Nanowire Networks. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 68-74.	0.9	6
13	First- and second-order reduction factors for E (X) e Jahn-Teller system. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 1505-1516.	1.8	5
14	Fabrication of ZnO Nanorods Based p-n Heterojunction Diodes and Their Electrical Behavior with Temperature. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2017, 12, 731-735.	0.5	5
15	n-ZnO Based Nanostructure/ p-Si Silicon Substrate Based Efficient p-n Heterojunction Diode. <i>Science of Advanced Materials</i> , 2013, 5, 301-307.	0.7	5
16	Fabrication of Heterojunction Diode Based on n-ZnO Nanowires/ p-Si Substrate: Temperature Dependent Transport Characteristics. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 581-587.	0.9	4
17	Analysis and modelling of generationâ€“recombination noise in amorphous semiconductors. <i>Thin Solid Films</i> , 2003, 427, 133-136.	1.8	3
18	Regge pole analysis of elastic scattering of $\hat{\pm}$ particles by even isotopes of Ni target nuclei at incident energies above Coulomb barrier. <i>International Journal of Modern Physics E</i> , 2015, 24, 1550082.	1.0	3

#	ARTICLE	IF	CITATIONS
19	An Analysis of Heavy-Ion Elastic Scattering Processes Using Numerical Model Based on the Partial Wave Parameterised S-Matrix with Regge Pole Factor. Brazilian Journal of Physics, 2016, 46, 341-354.	1.4	2
20	Synthesis and Properties of Aligned ZnO Nanorods on Si Substrate and Their Applications for p-Si/n-ZnO Heterojunction Diode. Journal of Nanoelectronics and Optoelectronics, 2015, 10, 688-693.	0.5	2
21	Temperature-Dependent Electrical Properties of Sn-Doped ZnO Nanowires. Science of Advanced Materials, 2015, 7, 2684-2691.	0.7	2
22	Fabrication and Temperature Dependent Electrical Characterization of n-ZnO Nanowires/p-Si Substrate Heterojunction Diodes. Journal of Nanoelectronics and Optoelectronics, 2017, 12, 1162-1166.	0.5	1
23	Analytical Solution of Steady-State Transport Equation for Photocarriers in CdTe Photovoltaics Under Bias-Dependent Photoluminescence. Journal of Nanoelectronics and Optoelectronics, 2017, 12, 690-696.	0.5	0