

Mohamad Rusop

List of Publications by Year in descending order

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citations

279798

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606
docs citations

606
times ranked

2966
citing authors

#	ARTICLE	IF	CITATIONS
1	Tin instead of aluminum as a back electrode in P3HT:PC ₇₁ BM organic solar cells. Japanese Journal of Applied Physics, 2022, 61, 025502.	1.5	1
2	Influence of Different Annealing Temperatures on the Structural and Optical Properties of TiO ₂ Nanoparticles Synthesized via Sol-Gel Method: Potential Application as UV Sensor. Indonesian Journal of Chemistry, 2021, 21, 279.	0.8	1
3	The Deposition of Titanium Dioxide Nanostructures Layer Using One-step Solution Process and Spin-coating Technique. Current Nanomaterials, 2021, 06, .	0.4	1
4	Physicochemical properties of surface modified ZnFe ₂ O ₄ nanocomposite incorporated with bio-templated kapok fiber for photoelectrochemical application. Surface and Interface Analysis, 2021, 53, 637-649.	1.8	0
5	The effect of silver doped in zinc oxide nanorods on titanium dioxide seeded substrate synthesized by binary solution technique. Japanese Journal of Applied Physics, 2020, 59, SAAC08.	1.5	3
6	Evaluation of the crystalline structure of Ag ⁺ -doped ZnO thin film treated with selected annealing temperatures. Japanese Journal of Applied Physics, 2020, 59, SAAC12.	1.5	1
7	Thermo-mechanical properties of jute/bamboo/polyethylene hybrid composites: The combined effects of silane coupling agent and copolymer. Polymer Composites, 2020, 41, 4830-4841.	4.6	25
8	Effect of Precursors on the Growth and Physicochemical Properties of Bio-mimetic ZnFe ₂ O ₄ Nanocomposites for Photoelectrochemical Application. Sains Malaysiana, 2020, 49, 3219-3228.	0.5	2
9	Dielectric and Structural Properties of Poly(vinylidene fluoride) (PVDF) and Poly(vinylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Nanomaterials, 2019, 2019, 1-12.	2.7	82
10	Size and time-dependent induction of proinflammatory cytokines expression in brains of mice treated with gold nanoparticles. Saudi Journal of Biological Sciences, 2019, 26, 625-631.	3.8	11
11	High Surface Area to Volume Ratio 3D Nanoporous Nb ₂ O ₅ for Enhanced Humidity Sensing. Journal of Electronic Materials, 2019, 48, 3805-3815.	2.2	12
12	Facile synthesis of CaCO ₃ and investigation on structural and optical properties of high purity crystalline calcite. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 243, 78-85.	3.5	13
13	Nanotubular Ta ₂ O ₅ as ultraviolet (UV) photodetector. Journal of Materials Science: Materials in Electronics, 2019, 30, 4953-4966.	2.2	15
14	Investigation on Structural Properties of Calcium Carbonate Synthesized by Precipitation, Gas Diffusion, and Thermal Chemical Vapour Deposition Method. , 2019, , .		0
15	The Effect of Precursor Concentration on Structural and Optical Properties of Ag-doped ZnO/TiO ₂ . , 2019, , .		0
16	Visible-Light Photocatalysis Using Nb-doped TiO ₂ Nanoparticles Synthesized Via Facile Sol-gel Method. , 2019, , .		1
17	Electrodeposited Cu ₂ O Microstructure as an Effective Ultraviolet (UV) Sensor Operating at Low Bias Voltages. , 2019, , .		0
18	Effect of Different Amount of Precursor on Graphene Synthesis from Waste Cooking Palm Oil. , 2019, , .		2

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19	The effects of nanoclay and tin(IV) oxide nanopowder on morphological, thermo-mechanical properties of hexamethylene diisocyanate treated jute/bamboo/polyethylene hybrid composites. <i>Journal of Vinyl and Additive Technology</i> , 2018, 24, 358-366.	3.4	13
20	Aging- and thermal-annealing effects on the vibrational- and microstructural-properties of PECVD grown hydrogenated amorphous silicon carbon nitride thin films. <i>Vibrational Spectroscopy</i> , 2018, 94, 22-30.	2.2	9
21	Optical Properties of Multilayer Porous Silicon with Different Fabrication Conditions for Application along Telecom Band. , 2018, , .		1
22	The optimization of Al-nanostructured for mild steel coating: Effect of annealing temperature on the morphology and structural properties of mild steel. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
23	Synthesis of Ge _{1-x} Sn _x Alloy Thin Films by Rapid Thermal Annealing of Sputtered Ge/Sn/Ge Layers on Si Substrates. <i>Materials</i> , 2018, 11, 2248.	2.9	6
24	The effect of nitric acid oxidation parameters to the structural and electrochemical behavior of multi-walled carbon nanotubes. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
25	Influence of volume variety of waste cooking palm oil as carbon source on graphene growth through double thermal chemical vapor deposition. , 2018, , .		4
26	2018 IEEE International Conference on Semiconductor Electronics (ICSE) Synthesis, Properties and Humidity Detection of Anodized Nb ₂ O ₅ Films. , 2018, , .		0
27	Hydrothermal synthesis of nanomoss Nb ₂ O ₅ films and their ultraviolet photodetection performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 16765-16774.	2.2	6
28	Plasma diagnostic by optical emission spectroscopy on reactive magnetron sputtering plasma –A Brief Introduction. <i>Journal of Physics: Conference Series</i> , 2018, 1027, 012005.	0.4	2
29	Structural and electrical properties of PVDF-TrFE/ZnO bilayer and filled PVDF-TrFE /ZnO single layer nanocomposite films. <i>Advances in Materials and Processing Technologies</i> , 2017, 3, 300-307.	1.4	7
30	Multi-phase structured hydrogenated amorphous silicon carbon nitride thin films grown by plasma enhanced chemical vapour deposition. <i>Journal of Alloys and Compounds</i> , 2017, 721, 70-79.	5.5	13
31	Electrical and optical characteristics of atmospheric pressure plasma needle jet driven by neon transformer. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1
32	Effect of deposition time on the synthesis of Al nanostructured coating by electron beam thermal evaporator. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
33	Thermomechanical Properties of Jute/Bamboo Cellulose Composite and Its Hybrid Composites: The Effects of Treatment and Fiber Loading. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-10.	1.8	45
34	METAL OXIDE THIN FILMS AS PH SENSING MEMBRANE FOR EXTENDED GATE FIELD EFFECT TRANSISTOR. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	0
35	4-Methylcatechol-treated Jute-Bamboo Hybrid Composites: Effects of pH on Thermo-Mechanical and Morphological Properties. <i>BioResources</i> , 2016, 11, .	1.0	9
36	CHARACTERIZATION OF ZNO/TIO ₂ BILAYER FILM FOR EXTENDED GATE FIELD-EFFECT TRANSISTOR (EGFET) BASED PH SENSOR. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, .	0.4	0

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37	Spin Speed and Duration Dependence of TiO ₂ Thin Films pH Sensing Behavior. Journal of Sensors, 2016, 2016, 1-8.	1.1	12
38	Optimization of Nano-Process Deposition Parameters Based on Gravitational Search Algorithm. Computers, 2016, 5, 12.	3.3	2
39	Effect of varying nitrogen flow rates on the optical properties of amorphous-SiCN thin films. AIP Conference Proceedings, 2016, , .	0.4	1
40	Growth of well-oriented VACNTs using thermal chemical vapor deposition method. AIP Conference Proceedings, 2016, , .	0.4	2
41	Electrical properties of undoped zinc oxide nanostructures at different annealing temperature. AIP Conference Proceedings, 2016, , .	0.4	1
42	Thickness and concentration effect of P3HT in P3HT:graphene nanocomposites based bulk-heterojunction organic solar cells. AIP Conference Proceedings, 2016, , .	0.4	1
43	Electrical properties of tin-doped zinc oxide nanostructures doped at different dopant concentrations. AIP Conference Proceedings, 2016, , .	0.4	2
44	The influence of H ₂ O ₂ concentration to the structure of silicon nanowire growth by metal-assisted chemical etching. AIP Conference Proceedings, 2016, , .	0.4	1
45	Dynamic mechanical behavior magnetorheological nanocomposites containing CNTs: A review. AIP Conference Proceedings, 2016, , .	0.4	2
46	A simplified boron diffusion for preparing the silicon single crystal p-n junction as an educational device. AIP Conference Proceedings, 2016, , .	0.4	0
47	Correlation of Critical Parameters on Carbon Nanotubes Crystallinity in Chemical Vapor Deposition by Using Renewable Bioresource. Journal of Nanoscience and Nanotechnology, 2016, 16, 8263-8268.	0.9	4
48	Simulation of CNT-AFM tip based on finite element analysis for targeted probe of the biological cell. AIP Conference Proceedings, 2016, , .	0.4	0
49	Selective aspect ratio of CNTs based on annealing temperature by TCVD method. , 2016, , .		0
50	Controlling of deposition time as an effective parameter on purified growth CNTs based on TCVD method. , 2016, , .		0
51	Thickness-controlled synthesis of vertically aligned c-axis oriented ZnO nanorod arrays: Effect of growth time via novel dual sonication sol-gel process. Japanese Journal of Applied Physics, 2016, 55, 01AE15.	1.5	22
52	Structural and Optical Properties of ZnO Nanotetrapods Deposited by Thermal Chemical Vapor Deposition with Different Gas Flow Rate. Advanced Materials Research, 2015, 1109, 456-460.	0.3	0
53	Boron-doped amorphous carbon film grown by bias assisted pyrolysis chemical vapor deposition. IEICE Electronics Express, 2015, 12, 20140937-20140937.	0.8	2
54	Possible High Efficiency Platform for Biosensors Based on Optimum Physical Chemistry of Carbon Nanotubes. Chemical Vapor Deposition, 2015, 21, 263-266.	1.3	14

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55	High-Performance Dye-Sensitized Solar Cells Based on Morphology-Controllable Synthesis of ZnO/ZnS Heterostructure Nanocone Photoanodes. <i>PLoS ONE</i> , 2015, 10, e0123433.	2.5	45
56	Synthesis and Characterization of Cellulose from Green Bamboo by Chemical Treatment with Mechanical Process. <i>Journal of Chemistry</i> , 2015, 2015, 1-6.	1.9	41
57	Sensing capability of TiO ₂ thin films with different thicknesses as sensing membrane of EGFET pH sensor. , 2015, , .		3
58	Capacitance Voltage of P3HT:Graphene Nanocomposites Based Bulk-Heterojunction Organic Solar Cells. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 99, 012005.	0.6	0
59	Annealing temperature effect on the electrical characteristics and pH sensitivity of TiO ₂ /ZnO bilayer films. , 2015, , .		1
60	Facile synthesis of vertically aligned cone-shaped ZnO/ZnS core/shell arrays using the two-step aqueous solution approach. <i>Materials Letters</i> , 2015, 147, 34-37.	2.6	44
61	High electron mobility and low carrier concentration of hydrothermally grown ZnO thin films on seeded a-plane sapphire at low temperature. <i>Nanoscale Research Letters</i> , 2015, 10, 7.	5.7	57
62	Synthesis of needle-shape ZnO-ZnS core-shell heterostructures and their optical and field emission properties. <i>Electronic Materials Letters</i> , 2015, 11, 957-963.	2.2	43
63	Controlling Vaporization Time as Effective Parameter on Purified Vertically Aligned Carbon Nanotubes Based on CVD Method. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2015, 23, 1103-1107.	2.1	10
64	Nanostructured TiO ₂ Thin Film by Sol-Gel Spin Coating with Different Concentration. <i>Advanced Materials Research</i> , 2015, 1109, 529-533.	0.3	0
65	Post-Annealing Temperature Effect on ZnO Nanostructures Growth on Porous Silicon. <i>Advanced Materials Research</i> , 2015, 1109, 434-438.	0.3	0
66	Nanocolumnar zinc oxide as a transparent conductive oxide film for a blue InGaN-based light emitting diode. <i>Ceramics International</i> , 2015, 41, 913-920.	4.8	9
67	Electrodeposited Germanium On Silicon Substrate Using A Mixture Of Germanium Tetrachloride And Propylene Glycol. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 72, .	0.4	3
68	The Effects of Annealing Temperatures on Composition and Strain in SixGe _{1-x} Obtained by Melting Growth of Electrodeposited Ge on Si (100). <i>Materials</i> , 2014, 7, 1409-1421.	2.9	6
69	Electrochemically deposited gallium oxide nanostructures on silicon substrates. <i>Nanoscale Research Letters</i> , 2014, 9, 120.	5.7	18
70	Synthesis of zinc oxide nanostructures on graphene/glass substrate by electrochemical deposition: effects of current density and temperature. <i>Nanoscale Research Letters</i> , 2014, 9, 609.	5.7	24
71	Growth of uniform carbon thin film containing nanocrystalline graphene clusters from evaporated palm oil by thermal chemical vapor deposition. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 075101.	1.5	7
72	Ferroelectric Properties of Polyvinylidene fluoride-Trifluoroethylene (PVDF-TrFE) Annealed Thin Film. <i>Advanced Materials Research</i> , 2014, 879, 1-6.	0.3	0

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73	Fast Synthesis of Multilayer Carbon Nanotubes from Camphor Oil as an Energy Storage Material. BioMed Research International, 2014, 2014, 1-6.	1.9	36
74	The effect of emitter geometry on lateral field emission diodes fabricated by AFM-based electrochemical nanolithography. Journal of Solid State Electrochemistry, 2014, 18, 1695-1700.	2.5	20
75	Seed/catalyst-free growth of zinc oxide nanostructures on multilayer graphene by thermal evaporation. Nanoscale Research Letters, 2014, 9, 83.	5.7	21
76	Numerical estimation of self-sputtering effect in ionized physical vapor deposition system. , 2014, , .		0
77	Seedless growth of zinc oxide flower-shaped structures on multilayer graphene by electrochemical deposition. Nanoscale Research Letters, 2014, 9, 337.	5.7	23
78	Seed/catalyst-free vertical growth of high-density electrodeposited zinc oxide nanostructures on a single-layer graphene. Nanoscale Research Letters, 2014, 9, 95.	5.7	29
79	Optical properties of well-aligned ZnO nanostructure arrays synthesized by an electric field-assisted aqueous solution method. Ceramics International, 2014, 40, 11193-11198.	4.8	42
80	Study on thermal and biodegradation resistance of tropical wood material composites. Journal of Applied Polymer Science, 2013, 128, 1842-1847.	2.6	5
81	Physico-mechanical and decay resistance properties of chemically modified tropical wood material. Journal of Applied Polymer Science, 2013, 127, 1555-1560.	2.6	2
82	Nanostructures bilayer ZnO/MgO dielectrics for metal-insulator-metal capacitor applications. Journal of Materials Science: Materials in Electronics, 2013, 24, 4213-4220.	2.2	3
83	Effect of the ratio of catalyst to carbon source on the growth of vertically aligned carbon nanotubes on nanostructured porous silicon templates. International Journal of Industrial Chemistry, 2013, 4, 23.	3.1	11
84	Synthesis and nucleation-growth mechanism of almost catalyst-free carbon nanotubes grown from Fe-filled sphere-like graphene-shell surface. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	16
85	Electroluminescence behavior of MEH-PPV based organic light emitting diode. , 2013, , .		3
86	Hybrid organic-inorganic light emitting diode using ZnO nanorods as electron transport layer. , 2013, , .		3
87	Physical properties of fish gelatin-based bio-nanocomposite films incorporated with ZnO nanorods. Nanoscale Research Letters, 2013, 8, 364.	5.7	144
88	Enhanced Antioxidant Activity in Wet Mill Nanostructured <i>Zingiber officinale</i> (Ginger) Rosc Rhizome. Advanced Materials Research, 2013, 832, 551-556.	0.3	0
89	Electroluminescence and Photoluminescence Properties of Porous Silicon Nanostructures with Optimum Current Density of Photo-Electrochemical Anodisation. Advanced Materials Research, 2013, 667, 180-185.	0.3	1
90	An overview of Gravitational Search Algorithm utilization in optimization problems. , 2013, , .		16

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91	Structural, Optical and Electrical Characteristics of Polycrystalline ZnO Thin Film Prepared by Sol-Gel Spin-Coating Method. <i>Advanced Materials Research</i> , 2013, 667, 24-29.	0.3	0
92	Different Surface Morphology of Annealed PVDF-TrFE Thin Films and the Effect on its Ferroelectric Properties. <i>Advanced Materials Research</i> , 2013, 832, 724-727.	0.3	2
93	Influence of various sol concentrations on stress/strain and properties of ZnO thin films synthesised by sol-gel technique. <i>Thin Solid Films</i> , 2013, 527, 102-109.	1.8	64
94	Optimization of ball milling parameters to produce <i>Centella asiatica</i> herbal nanopowders. <i>Journal of Nanostructure in Chemistry</i> , 2013, 3, 1.	9.1	13
95	Low Temperature Growth and Optical Properties of Zinc Oxide Nanostructure Prepared by Two-Step Solution-Based Deposition Method. <i>Advanced Materials Research</i> , 2013, 832, 749-753.	0.3	2
96	Preparation and Characterization of Needle-Like ZnO on TiO ₂ Nanoparticles by Solution-Immersion Method and RF Magnetron Sputtering. <i>Advanced Materials Research</i> , 2013, 832, 596-601.	0.3	1
97	Electrical and Physical Properties of Nanocomposited MEH-PPV: CNTs for Organic Solar Cells Application. <i>Advanced Materials Research</i> , 2013, 832, 687-690.	0.3	0
98	Surface Morphology and Compositional Analysis of Undoped Amorphous Carbon Thin Films via Bias Assisted Pyrolysis-CVD. <i>Advanced Materials Research</i> , 2013, 667, 468-476.	0.3	7
99	Optical Properties and Morphology of Al Doped Zinc Oxide Thin Film Exposed on Wet and Dry Conditions. <i>Advanced Materials Research</i> , 2013, 667, 272-276.	0.3	0
100	Formation of ZnO Nanoparticulate Thin Film: Sol-Gel Synthesis and Characterisation. <i>Advanced Materials Research</i> , 2013, 832, 362-367.	0.3	0
101	Surface Morphology Studies of Carbon Nanotubes Prepared by Thermal Chemical Vapor Deposition Using Fermented Tapioca as a Starting Material. <i>Advanced Materials Research</i> , 2013, 667, 411-414.	0.3	0
102	FTIR Studies of Carbon Nanotubes Produced from Fermented Tapioca Prepared by Thermal-CVD. <i>Advanced Materials Research</i> , 2013, 667, 538-541.	0.3	0
103	Production of Herbal Nanopowders: Effect of Milling Time. <i>Advanced Materials Research</i> , 2013, 686, 3-7.	0.3	0
104	Effect of Multi-Wall Carbon Nanotubes on the Properties of Natural Rubber Nanocomposites. <i>Advanced Materials Research</i> , 2013, 832, 338-343.	0.3	4
105	Growth and Characterisation of Nanocrystalline ZnO Thin Films by Dip Coating Technique. <i>Advanced Materials Research</i> , 2013, 832, 368-373.	0.3	0
106	Influence of Annealing Temperature on the Properties of Nanostructured ZnO Thin Film Prepared by Sol-Gel Method. <i>Advanced Materials Research</i> , 2013, 667, 558-561.	0.3	0
107	Crystallization of Electrodeposited Germanium Thin Film on Silicon (100). <i>Materials</i> , 2013, 6, 5047-5057.	2.9	11
108	Study of Time Effect to the Optical Properties of CdSe Nanocrystal. <i>Advanced Materials Research</i> , 2013, 667, 48-52.	0.3	0

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109	Overview: Zeolite as a Valuable Crystalline Inorganic Material. <i>Advanced Materials Research</i> , 2013, 667, 53-57.	0.3	4
110	Nanostructured Zinc Oxide Thin Film Based Humidity Sensor Prepared by Sol-Gel Immersion Technique. <i>Advanced Materials Research</i> , 2013, 667, 553-557.	0.3	1
111	A Comparative Study of TiO ₂ Nanocoated Mild Steel Surface Properties between Short and Long Sputtering Time of RF Magnetron. <i>Advanced Materials Research</i> , 2013, 667, 562-568.	0.3	0
112	Influence of Substrate Temperature on Morphological and Electrical Properties of Indium Tin Oxide Nanocolumns Prepared by RF Magnetron Sputtering. <i>Advanced Materials Research</i> , 2013, 832, 281-285.	0.3	0
113	Influence of Cathode Work Functions on the Photovoltaic Properties of MEH-PPV: TiO ₂ Bulk Heterojunction Solar Cell. <i>Advanced Materials Research</i> , 2013, 832, 399-403.	0.3	1
114	Preparation and Characterizations Cotton Coated Titanium Dioxide, TiO ₂ . <i>Advanced Materials Research</i> , 2013, 832, 739-743.	0.3	0
115	A Study on the Seebeck Effect of 3,4,9,10-Perylenetetracarboxylic Dianhydride (PTCDA) as a Novel N-Type Material in a Thermoelectric Device. <i>Advanced Materials Research</i> , 2013, 667, 165-171.	0.3	0
116	Stability Studies on Optical and Structure Properties of Zinc Oxide Thin Films Exposed to Different Environment. <i>Advanced Materials Research</i> , 2013, 667, 549-552.	0.3	0
117	Influence of RF Magnetron Sputtering Pressure on the Structural, Optical, and Morphological Properties of Indium Tin Oxide Nanocolumns. <i>Advanced Materials Research</i> , 2013, 832, 276-280.	0.3	0
118	Optical Characterization of Porous Silicon (PS) Doped Erbium (Er) Using Photoluminescence Spectroscopy. <i>Advanced Materials Research</i> , 2013, 832, 617-621.	0.3	0
119	Raman Spectroscopy Study of Carbon Nanotubes Prepared at Different Deposition Temperature Using Camphor Oil as a Precursor. <i>Advanced Materials Research</i> , 2013, 832, 628-632.	0.3	12
120	Effect of RF Power on Optimization of Titanium Dioxide Nanostructures by RF Magnetron Sputtering. <i>Advanced Materials Research</i> , 2013, 667, 104-109.	0.3	3
121	Anodisation Time-Related Nanocrystallite Size of Porous Silicon Template Studied by Raman Spectroscopy, Photoluminescence and Fourier Transforms Infrared Spectroscopy. <i>Advanced Materials Research</i> , 2013, 686, 56-64.	0.3	0
122	Fundamentals of Two-Dimensional Crystallographic Carbon Form and its Future Directions: A Review. <i>Advanced Materials Research</i> , 2013, 832, 292-297.	0.3	1
123	Inhibitory Effect of Multiwalled Carbon Nanotubes on SH-SY5Y Cells. <i>Advanced Materials Research</i> , 2013, 832, 388-393.	0.3	0
124	High Sensitivity Humidity Sensor Based on ZnSnO ₃ Composite Nanocube. <i>Key Engineering Materials</i> , 2013, 594-595, 872-876.	0.4	0
125	Floating Catalyst Method for Preparation of Carbon Nanotubes Using Fe/Co/Al Catalyst by Thermal-CVD. <i>Advanced Materials Research</i> , 2013, 667, 525-529.	0.3	1
126	Effect of Annealing on Surface of Nickel (Ni)/Indium Tin Oxide (ITO) Nanostructures Measured by Atomic Force Microscopy (AFM). <i>Advanced Materials Research</i> , 2013, 832, 51-55.	0.3	0

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127	Effect of Annealing Temperature on the Crystallinity, Morphology and Ferroelectric of Polyvinylidene fluoride-Trifluoroethylene (PVDF-TrFE) Thin Film. <i>Advanced Materials Research</i> , 2013, 812, 60-65.	0.3	14
128	Sol-Gel Synthesis & Photoluminescence of Multiple Layer LaPO ₄ Nanostructure Thin Films. <i>Advanced Materials Research</i> , 2013, 667, 68-73.	0.3	2
129	Nitrogen Doping of Amorphous Carbon by Aerosol-Assisted Chemical Vapor Deposition for Carbon-Based Solar Cell Applications. <i>Advanced Materials Research</i> , 2013, 832, 706-711.	0.3	0
130	The Effect of Inoculum in the Preparation of Fermented Tapioca for Nanotechnology Applications Based on FT-IR Studies. <i>Advanced Materials Research</i> , 2013, 667, 534-537.	0.3	0
131	Effects of Oxygen Flow Rate on Nanostructured ZnO Thin Films. <i>Advanced Materials Research</i> , 2013, 667, 333-337.	0.3	0
132	Mechanical and Morphological Properties of Tropical Wood Polymer Nanocomposite (WPNC). <i>Advanced Materials Research</i> , 2013, 667, 200-205.	0.3	3
133	Relation of Anodisation Parameter for Nanocrystallite Size of Porous Silicon Template Studied by Micro-Raman Spectroscopy. <i>Advanced Materials Research</i> , 2013, 667, 324-328.	0.3	1
134	Carbon Nanotubes Prepared by Thermal-CVD of from Palm Oil. <i>Advanced Materials Research</i> , 2013, 667, 530-533.	0.3	0
135	Effect of Hydrothermal Growth Temperature on the Morphology and Structural Properties of Synthesized TiO ₂ Nanowires. <i>Advanced Materials Research</i> , 2013, 667, 442-446.	0.3	2
136	Effect of Annealing Temperature on TiO ₂ Nanostructured Prepared by Sol-Gel Method. <i>Advanced Materials Research</i> , 2013, 832, 763-766.	0.3	2
137	The Structural Properties of Carbon Nanotubes Grown on Porous Silicon-Based Materials by Thermal Chemical Vapor Deposition Method. <i>Advanced Materials Research</i> , 2013, 686, 28-32.	0.3	1
138	High Transparency Characteristics of Zinc Oxide Thin Films Annealed at Different Temperatures. <i>Advanced Materials Research</i> , 2013, 667, 367-370.	0.3	1
139	Optical Band Gap Decrement of Nanocomposited MEH-PPV:CNTs Thin Film for Organic Solar Cells. <i>Advanced Materials Research</i> , 2013, 667, 260-264.	0.3	1
140	Prediction of Nanostructured ZnO Thin Film Properties Based on Neural Network. <i>Advanced Materials Research</i> , 2013, 832, 266-269.	0.3	1
141	Electrical Contact of Au with CNTs Deposited at Different Deposition Temperatures on Silicon Substrate. <i>Advanced Materials Research</i> , 2013, 667, 80-85.	0.3	0
142	Photovoltaic Characteristics of Hybrid MEH-PPV and TiO ₂ Nanoparticle Based Organic Solar Cells. <i>Advanced Materials Research</i> , 2013, 667, 300-306.	0.3	3
143	Electrical and Structural Properties of TiO ₂ Thin Film Prepared at Different Annealing Temperatures by Sol-Gel Spin-Coating Method. <i>Advanced Materials Research</i> , 2013, 667, 371-374.	0.3	2
144	The Effect of Deposition Time on the Structural Properties of ZnO Nanorods Prepared by Sol-Gel Immersion Method. <i>Advanced Materials Research</i> , 2013, 667, 407-410.	0.3	0

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145	The Influence of TiO ₂ Photoanode Morphology for Scattering Enhanced Properties of Dye-Sensitized Solar Cell. <i>Advanced Materials Research</i> , 2013, 667, 425-434.	0.3	3
146	Surface Morphology, Structural, and Bonding Characteristic of Carbon Nanotubes for <i>In Vitro</i> Culture Applications. <i>Advanced Materials Research</i> , 2013, 667, 464-467.	0.3	0
147	Self-Catalyzed Thermal Chemical Vapor Deposited ZnO Nanotetrapods. <i>Advanced Materials Research</i> , 2013, 832, 670-674.	0.3	10
148	Zinc Oxide Buffer Layer Insertion for Sensitivity Improvement in Aluminium-Doped Zinc Oxide-Based Humidity Sensors. <i>Advanced Materials Research</i> , 2013, 667, 287-293.	0.3	1
149	Zinc Oxide Nanorods Characteristics Prepared by Sol-Gel Immersion Method Immersed at Different Times. <i>Advanced Materials Research</i> , 2013, 667, 375-379.	0.3	10
150	Effect of annealing temperature on electrical and optical properties of ZnO thin films prepared by sol gel method. , 2013, , .		2
151	Semiconducting Properties of Nanostructured Amorphous Carbon Thin Films Incorporated with Iodine by Thermal Chemical Vapor Deposition. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 11NLO2.	1.5	11
152	Characterization of Metal-Insulator-Semiconductor Capacitor with Poly(methyl) Tj ETQqO O O rgBT /Overlock 10 Tf 50 462 Td (met	1.5	1
153	Physical and Thermal Properties of <i>Zingiber officinale</i> Rosc. (Ginger) Rhizome Fine Particle as a Function of Grinding System. <i>Advanced Materials Research</i> , 2013, 832, 527-532.	0.3	2
154	Thermal Degradation of Nanocomposited PMMA/TiO ₂ Nanocomposites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 46, 012045.	0.6	8
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549	Humidity Sensor Using CVD Deposited SnO ₂ Thin Film. <i>Advanced Materials Research</i> , 0, 667, 415-420.	0.3	1
550	Vertically Aligned Carbon Nanotubes from Palm Oil Precursor. <i>Advanced Materials Research</i> , 0, 667, 542-548.	0.3	1
551	ZnO Nanostructures “ Nanorods and Flower-Like on Si/Au Substrates by Solution-Immersion Method in Different pH of Precursor. <i>Advanced Materials Research</i> , 0, 667, 86-92.	0.3	4
552	Thickness Dependency on Dielectric Property of Lead Titanate Thin Film. <i>Advanced Materials Research</i> , 0, 832, 384-387.	0.3	1
553	Dielectric Properties of PVDF/MgO Nanocomposites Thin Film with Various Annealing Temperatures. <i>Advanced Materials Research</i> , 0, 832, 718-723.	0.3	2
554	Properties of Iodine Doped Amorphous Carbon Thin Films Grown by Thermal CVD. <i>Advanced Materials Research</i> , 0, 667, 294-299.	0.3	1
555	The Structural Properties of Carbon Nanotubes Grown on Porous Silicon-Based Materials by Thermal Chemical Vapor Deposition Method. <i>Advanced Materials Research</i> , 0, 667, 477-481.	0.3	0
556	Influence of Nano-Filler Loading on the Nano-MgO Dielectrics. <i>Advanced Materials Research</i> , 0, 832, 533-536.	0.3	0
557	Utilization of Soft Computing Techniques in Sputtering Processes: A Review. <i>Advanced Materials Research</i> , 0, 832, 260-265.	0.3	0
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559	Effect of Weight Percentage on PTFE/Nanoporous Zeolite Composite. <i>Advanced Materials Research</i> , 0, 832, 547-550.	0.3	0
560	Electrical Properties of Nanostructured Aluminum Doped Zinc Oxide (ZnO) Thin Film Prepared Using Sol-Gel Spin-Coating Method at Different Doping Concentrations. <i>Advanced Materials Research</i> , 0, 667, 507-510.	0.3	2
561	Effect of Milling Time on Particle Size and Surface Morphology of Commercial Zeolite by Planetary Ball Mill. <i>Advanced Materials Research</i> , 0, 795, 711-715.	0.3	14
562	The Effect of Temperature on Carbon Nanotubes Grown Using Monometallic Catalyst from Palm Oil Precursor. <i>Advanced Materials Research</i> , 0, 667, 435-441.	0.3	0
563	Structural, Optical and Electrical Properties of Titanium Dioxide Thin Films with Different Molarity. <i>Advanced Materials Research</i> , 0, 667, 58-62.	0.3	3
564	Characterization of Copper (I) Iodide (CuI) Thin Film using TMED for Dye-Sensitized Solar Cells. <i>Advanced Materials Research</i> , 0, 667, 447-451.	0.3	7
565	Thermo Gravimetric Analysis Study of PMMA/TiO ₂ Nanocomposites. <i>Advanced Materials Research</i> , 0, 832, 816-820.	0.3	0
566	Study of Dielectric and Electrical Properties of Nanostructured ZnO/MgO Films via Chemical Bath Deposition Techniques. <i>Advanced Materials Research</i> , 0, 832, 522-526.	0.3	0
567	Synthesis of Carbon Nanotubes by Chemical Vapour Deposition of Camphor Oil over Ferrocene and Aluminum Isopropoxide Catalyst. <i>Advanced Materials Research</i> , 0, 667, 213-217.	0.3	18
568	Influence of Different Types of Silanes on the Properties of Nanocomposite PMMA: TiO ₂ ; Thin Films. <i>Advanced Materials Research</i> , 0, 667, 255-259.	0.3	0
569	Transmittance Enhanced Properties of Novel Encapsulated ITO/Arc-TiO ₂ ; Antireflective TCO Substrate Prepared by RF Magnetron Sputtering. <i>Advanced Materials Research</i> , 0, 667, 573-582.	0.3	2
570	Multi-Walled Carbon Nanotubes by Thermal-CVD Utilizing Palm DHSAs as a Precursor. <i>Advanced Materials Research</i> , 0, 667, 349-353.	0.3	0
571	Effect of Precursor Concentration in the Synthesis of ZnO Nanostructures by Solution-Immersion Method. <i>Advanced Materials Research</i> , 0, 667, 501-506.	0.3	1
572	Diode Characteristics of Zinc Oxide Thin Film at Different Deposition Time for FET Applications. <i>Advanced Materials Research</i> , 0, 667, 393-396.	0.3	0
573	Synthesis and Characterization of Carbon Nanotubes from Palm Oil by Aerosol-Assisted CVD. <i>Advanced Materials Research</i> , 0, 667, 218-223.	0.3	1
574	Surface Morphology of Seeded Nanostructured ZnO on Silicon by Sol-Gel Technique. <i>Advanced Materials Research</i> , 0, 667, 265-271.	0.3	6
575	Optical Properties of Nanostructured Aluminum Doped Zinc Oxide (ZnO) Thin Film for Thin Film Transistor (TFT) Application. <i>Advanced Materials Research</i> , 0, 667, 511-515.	0.3	1
576	Physical Properties of Nano-Structured Zinc Oxide Thin Films Deposited by Radio-Frequency Magnetron Sputtering. <i>Advanced Materials Research</i> , 0, 667, 495-500.	0.3	1

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578	Synthesis and Characterization of Carbon Nanotubes from Natural Source - Camphor Oil. <i>Advanced Materials Research</i> , 0, 667, 421-424.	0.3	0
579	Preparation of LaPO ₄ Nanostructure Thin Films Using Successive Layer-by-Layer. <i>Advanced Materials Research</i> , 0, 832, 585-588.	0.3	0
580	Thermal Stability and Decay Resistance Properties of Tropical Wood Polymer Nanocomposites (WPNC). <i>Advanced Materials Research</i> , 0, 667, 482-489.	0.3	5
581	Deposition of Amorphous Carbon Thin Films via Bias Assisted Pyrolysis-CVD. <i>Advanced Materials Research</i> , 0, 667, 172-179.	0.3	4
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583	Changes in Physical and Antioxidant Properties of Nanostructured <i>Zingiber officinale</i> (Ginger) Rhizome as Affected by Milling Time. <i>Advanced Materials Research</i> , 0, 667, 144-149.	0.3	3
584	Malaysian Palm Oil For Carbon Nanotubes Preparation. <i>Advanced Materials Research</i> , 0, 667, 343-348.	0.3	0
585	Photoluminescence Spectra of ZnO Thin Film Composed Nanoparticles on Silicon and Porous Silicon. <i>Advanced Materials Research</i> , 0, 832, 843-847.	0.3	4
586	Solid-State Dye Sensitized Solar Cells: Effect of Hole Transport Material Properties to the Photovoltaic Performance. <i>Advanced Materials Research</i> , 0, 667, 317-323.	0.3	6
587	Preparation and Applications of Hydrophilic Nano-Carbon Particles. <i>Advanced Materials Research</i> , 0, 832, 767-772.	0.3	5
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590	Effect of Nickel Catalyst on Carbon Nanotubes by Using Palm Oil as a Starting Material. <i>Advanced Materials Research</i> , 0, 667, 354-358.	0.3	0
591	Effect of Electrolyte Volume Ratio on Electroluminescence of Porous Silicon Nanostructures (PSiNs) Intensity. <i>Advanced Materials Research</i> , 0, 686, 49-55.	0.3	0
592	Effect of Molar Concentration on Electrically Resistive Lead Titanate Thin Films by Simple Sol-Gel Method. <i>Advanced Materials Research</i> , 0, 832, 379-383.	0.3	4
593	Role of Thickness towards the Optical and Electrical Properties of Photoactive Layer MEH-PPV: TiO ₂ Nanocomposite Thin Films. <i>Advanced Materials Research</i> , 0, 832, 404-409.	0.3	2
594	Influence of Deposition Time on Amorphous Carbon Thin Films Performance with Aerosol-Assisted Chemical Vapor Deposition. <i>Advanced Materials Research</i> , 0, 832, 712-717.	0.3	0

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595	Simulation of Nano Sensor Based on Carbon Nanostructures in Order to Form Multifunctional Delivery Platforms. <i>Advanced Materials Research</i> , 0, 832, 778-782.	0.3	11
596	Preparation and Characterizations of Nano-Hybrid TiO_2/ZnO . <i>Advanced Materials Research</i> , 0, 832, 734-738.	0.3	2
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598	Effect of Concentration TTIP on Size Nano-Powder Titanium Dioxide (TiO_2). <i>Advanced Materials Research</i> , 0, 832, 649-653.	0.3	2
599	A Review on Zinc Oxide Nanostructures: Doping and Gas Sensing. <i>Advanced Materials Research</i> , 0, 667, 329-332.	0.3	22
600	Effect of Nanonization on Physicochemical Properties of <i>Centella asiatica</i> Powders. <i>Advanced Materials Research</i> , 0, 917, 106-112.	0.3	0
601	Effect of Post-Deposition Annealing Process on the Resistive Switching Behaviour of TiO_2 Thin Films by Sol-Gel Method. <i>Advanced Materials Research</i> , 0, 925, 125-129.	0.3	10
602	Effect of Metal Catalyst Morphology on the Growth of Zinc Oxide Nanostructure by Thermal Vapor Deposition Method. <i>Advanced Materials Research</i> , 0, 925, 120-124.	0.3	1
603	Surface Morphology of Nano-Sized Titanium Dioxide. <i>Applied Mechanics and Materials</i> , 0, 534, 63-68.	0.2	0
604	Physical Properties of MEH-PPV Thin Films at Different Ageing. <i>Advanced Materials Research</i> , 0, 1109, 534-538.	0.3	0
605	Influence of Nitrogen Gas Flow Rate on Nitrogenated Amorphous Carbon Film for Solar Cell Applications. <i>Advanced Materials Research</i> , 0, 1109, 138-142.	0.3	0