

Mohamad Rusop

List of Publications by Year in descending order

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279798

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#	ARTICLE	IF	CITATIONS
1	Physical properties of fish gelatin-based bio-nanocomposite films incorporated with ZnO nanorods. <i>Nanoscale Research Letters</i> , 2013, 8, 364.	5.7	144
2	Dielectric and Structural Properties of Poly(vinylidene fluoride) (PVDF) and Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td Nanomaterials, 2019, 2019, 1-12.	2.7	82
3	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
4	Characterization of Phosphorus-Doped Amorphous Carbon and Construction of n-Carbon/p-Silicon Heterojunction Solar Cells. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 2339-2344.	1.5	60
5	Growth of High-Density Zinc Oxide Nanorods on Porous Silicon by Thermal Evaporation. <i>Materials</i> , 2012, 5, 2817-2832.	2.9	58
6	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
7	New approach for generating Cu ₂ O/TiO ₂ composite films for solar cell applications. <i>Materials Letters</i> , 2012, 66, 254-256.	2.6	46
8	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
9	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
10	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
11	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
12	Optical properties of well-aligned ZnO nanostructure arrays synthesized by an electric field-assisted aqueous solution method. <i>Ceramics International</i> , 2014, 40, 11193-11198.	4.8	42
13	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
14	Effects of Annealing Environments on the Solution-Grown, Aligned Aluminium-Doped Zinc Oxide Nanorod-Array-Based Ultraviolet Photoconductive Sensor. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-15.	2.7	36
15	Fast Synthesis of Multilayer Carbon Nanotubes from Camphor Oil as an Energy Storage Material. <i>BioMed Research International</i> , 2014, 2014, 1-6.	1.9	36
16	Nitrogen doping in camphoric carbon films and its application to photovoltaic cell. <i>Solar Energy Materials and Solar Cells</i> , 2006, 90, 3238-3243.	6.2	33
17	Controllable Growth of Vertically Aligned Aluminum-Doped Zinc Oxide Nanorod Arrays by Sonicated Sol-Gel Immersion Method depending on Precursor Solution Volumes. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 06GH04.	1.5	33
18	Optical and electrical properties of aluminum doped zinc oxide thin films at various doping concentrations. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 1263-1267.	1.1	31

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19	Investigation on the Optical and Surface Morphology of Conjugated Polymer MEH-PPV:ZnO Nanocomposite Thin Films. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-4.	2.7	31
20	Electrical conductivity improvement by iodine doping for diamond-like carbon thin-films deposited by microwave surface wave plasma CVD. <i>Diamond and Related Materials</i> , 2006, 15, 645-648.	3.9	29
21	Performance of an Ultraviolet Photoconductive Sensor Using Well-Aligned Aluminium-Doped Zinc-Oxide Nanorod Arrays Annealed in an Air and Oxygen Environment. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 06GF05.	1.5	29
22	Seed/catalyst-free vertical growth of high-density electrodeposited zinc oxide nanostructures on a single-layer graphene. <i>Nanoscale Research Letters</i> , 2014, 9, 95.	5.7	29
23	Heat treatment effects on the surface morphology and optical properties of ZnO nanostructures. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 2286-2289.	0.8	25
24	Thermo-mechanical properties of jute/bamboo/polyethylene hybrid composites: The combined effects of silane coupling agent and copolymer. <i>Polymer Composites</i> , 2020, 41, 4830-4841.	4.6	25
25	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
26	Optical and structural properties of amorphous carbon thin films deposited by microwave surface-wave plasma CVD. <i>Diamond and Related Materials</i> , 2006, 15, 188-192.	3.9	23
27	Photovoltaic properties of n-C:P/p-Si cells deposited by XeCl excimer laser using graphite target. <i>Solar Energy Materials and Solar Cells</i> , 2006, 90, 3205-3213.	6.2	23
28	The Electrical Characteristics of Aluminium Doped Zinc Oxide Thin Film for Humidity Sensor Applications. <i>Advances in Materials Science and Engineering</i> , 2011, 2011, 1-5.	1.8	23
29	Seedless growth of zinc oxide flower-shaped structures on multilayer graphene by electrochemical deposition. <i>Nanoscale Research Letters</i> , 2014, 9, 337.	5.7	23
30	Boron-Incorporated Amorphous Carbon Films Deposited by Pulsed Laser Deposition. <i>Japanese Journal of Applied Physics</i> , 2002, 41, L970-L973.	1.5	22
31	A Review on Zinc Oxide Nanostructures: Doping and Gas Sensing. <i>Advanced Materials Research</i> , 0, 667, 329-332.	0.3	22
32	Thickness-controlled synthesis of vertically aligned c-axis oriented ZnO nanorod arrays: Effect of growth time via novel dual sonication sol-gel process. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 01AE15.	1.5	22
33	Photovoltaic characteristics of nitrogen-doped amorphous carbon thin-films grown on quartz and flexible plastic substrates by microwave surface wave plasma CVD. <i>Diamond and Related Materials</i> , 2005, 14, 1084-1088.	3.9	21
34	Seed/catalyst-free growth of zinc oxide nanostructures on multilayer graphene by thermal evaporation. <i>Nanoscale Research Letters</i> , 2014, 9, 83.	5.7	21
35	The effect of emitter geometry on lateral field emission diodes fabricated by AFM-based electrochemical nanolithography. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 1695-1700.	2.5	20
36	Growth Pattern of Zinc Oxide Nanorods on Gold Coated Silicon Surfaces. , 2009, , .		19

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37	Impact of Nanopowders on Extraction Yield of <i>Centella asiatica</i>. Advanced Materials Research, 0, 667, 246-250.	0.3	19
38	Synthesis of nitrogen incorporated diamond-like carbon thin films using microwave surface-wave plasma CVD. Diamond and Related Materials, 2005, 14, 1824-1827.	3.9	18
39	Influence of Doping Concentration on Dielectric, Optical, and Morphological Properties of PMMA Thin Films. Advances in Materials Science and Engineering, 2012, 2012, 1-4.	1.8	18
40	Synthesis of Carbon Nanotubes by Chemical Vapour Deposition of Camphor Oil over Ferrocene and Aluminum Isopropoxide Catalyst. Advanced Materials Research, 0, 667, 213-217.	0.3	18
41	Electrochemically deposited gallium oxide nanostructures on silicon substrates. Nanoscale Research Letters, 2014, 9, 120.	5.7	18
42	Effects of Al content on Zn _{0.95} Mg _{0.05} O Thin Films Deposited by Sol-Gel Spin Coating. Japanese Journal of Applied Physics, 2007, 46, 40-44.	1.5	16
43	Raman Spectroscopic Study of Carbon Nanotubes Prepared Using Fe/ZnO-Palm Olein-Chemical Vapour Deposition. Journal of Nanomaterials, 2012, 2012, 1-6.	2.7	16
44	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
45	An overview of Gravitational Search Algorithm utilization in optimization problems. , 2013, , .		16
46	BET Analysis on Carbon Nanotubes: Comparison between Single and Double Stage Thermal CVD Method. Advanced Materials Research, 2012, 626, 289-293.	0.3	15
47	Nanotubular Ta ₂ O ₅ as ultraviolet (UV) photodetector. Journal of Materials Science: Materials in Electronics, 2019, 30, 4953-4966.	2.2	15
48	Iodine doping in amorphous carbon thin-films for optoelectronic devices. Physica B: Condensed Matter, 2006, 376-377, 316-319.	2.7	14
49	Effect of Milling Time on Particle Size and Surface Morphology of Commercial Zeolite by Planetary Ball Mill. Advanced Materials Research, 0, 795, 711-715.	0.3	14
50	Effect of Annealing Temperature on the Crystallinity, Morphology and Ferroelectric of Polyvinylidene fluoride-Trifluoroethylene (PVDF-TrFE) Thin Film. Advanced Materials Research, 2013, 812, 60-65.	0.3	14
51	Possible High Efficiency Platform for Biosensors Based on Optimum Physical Chemistry of Carbon Nanotubes. Chemical Vapor Deposition, 2015, 21, 263-266.	1.3	14
52	Structural, bonding and physical characteristics of phosphorus-doped hydrogenated amorphous carbon films grown by plasma-enhanced chemical vapor deposition. Thin Solid Films, 2005, 482, 280-286.	1.8	13
53	Photovoltaic characteristics of phosphorus-doped amorphous carbon films grown by r.f. plasma-enhanced CVD. Solar Energy Materials and Solar Cells, 2006, 90, 3214-3222.	6.2	13
54	Formation of Al ₄ C Surface Nano-composite Layers on 7075 Al Alloy Employing Friction Stir Processing. , 2009, , .		13

#	ARTICLE	IF	CITATIONS
55	STRUCTURAL AND MECHANICAL PROPERTIES OF POLYVINYL ALCOHOL (PVA) THIN FILM. , 2009, , .		13
56	Optimization of ball milling parameters to produce Centella asiatica herbal nanopowders. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	13
57	Multi-phase structured hydrogenated amorphous silicon carbon nitride thin films grown by plasma enhanced chemical vapour deposition. Journal of Alloys and Compounds, 2017, 721, 70-79.	5.5	13
58	The effects of nanoclay and tin(IV) oxide nanopowder on morphological, thermo-mechanical properties of hexamethylene diisocyanate treated jute/bamboo/polyethylene hybrid composites. Journal of Vinyl and Additive Technology, 2018, 24, 358-366.	3.4	13
59	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
60	The Effect Of Temperature On Magnetic Behavior Of Magnetite Nanoparticles And Its Nanocomposites. , 2009, , .		12
61	ZnO Microstructures and Nanostructures Prepared by Sol-Gel Hydrothermal Technique. Journal of Nanoscience and Nanotechnology, 2010, 10, 5618-5622.	0.9	12
62	Optical Properties and Surface Morphology of PMMA: TiO ₂ ; Nanocomposite Thin Films. Advanced Materials Research, 0, 364, 105-109.	0.3	12
63	Raman Spectroscopy Study of Carbon Nanotubes Prepared at Different Deposition Temperature Using Camphor Oil as a Precursor. Advanced Materials Research, 2013, 832, 628-632.	0.3	12
64	Spin Speed and Duration Dependence of TiO ₂ Thin Films pH Sensing Behavior. Journal of Sensors, 2016, 2016, 1-8.	1.1	12
65	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
66	Zinc oxide microrods prepared by sol-gel immerse technique. Microelectronics International, 2010, 27, 166-169.	0.6	11
67	Effect of R.F Power to the Properties of ZnO Thin Films Deposited by Magnetron Sputtering. Advanced Materials Research, 0, 364, 119-123.	0.3	11
68	Characterization of Urea versus HMTA in the Preparation of Zinc Oxide Nanostructures by Solution-Immersion Method Grown on Gold-Seeded Silicon Substrate. Advanced Materials Research, 2011, 364, 45-49.	0.3	11
69	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
70	Crystallization of Electrodeposited Germanium Thin Film on Silicon (100). Materials, 2013, 6, 5047-5057.	2.9	11
71	Simulation of Nano Sensor Based on Carbon Nanostructures in Order to Form Multifunctional Delivery Platforms. Advanced Materials Research, 0, 832, 778-782.	0.3	11
72	Semiconducting Properties of Nanostructured Amorphous Carbon Thin Films Incorporated with Iodine by Thermal Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2013, 52, 11NL02.	1.5	11

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73	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
74	Effect of Solvent on the Dielectric Properties of Nanocomposite Poly(methyl methacrylate)-Doped Titanium Dioxide Dielectric Films. Japanese Journal of Applied Physics, 2012, 51, 06FG09.	1.5	11
75	Properties of Pulsed-Laser-Deposited CuI and Characteristics of Constructed Dye-Sensitized TiO ₂ Dye CuI Solid-State Photovoltaic Solar Cells. Japanese Journal of Applied Physics, 2003, 42, 4966-4972.	1.5	10
76	Diamond-like carbon thin films grown by large-area surface-wave mode microwave plasma CVD: Effects of stage distance to microwave window. Diamond and Related Materials, 2006, 15, 913-916.	3.9	10
77	Top-Down Approach: Fabrication of Silicon Nanowires using Scanning Electron Microscope based Electron Beam Lithography Method and Inductively Coupled Plasma-Reactive Ion Etching. AIP Conference Proceedings, 2010, , .	0.4	10
78	Self-Catalyzed Thermal Chemical Vapor Deposited ZnO Nanotetrapods. Advanced Materials Research, 2013, 832, 670-674.	0.3	10
79	Zinc Oxide Nanorods Characteristics Prepared by Sol-Gel Immersion Method Immersed at Different Times. Advanced Materials Research, 2013, 667, 375-379.	0.3	10
80	Effect of Post-Deposition Annealing Process on the Resistive Switching Behaviour of TiO ₂ Thin Films by Sol-Gel Method. Advanced Materials Research, 0, 925, 125-129.	0.3	10
81	Controlling Vaporization Time as Effective Parameter on Purified Vertically Aligned Carbon Nanotubes Based on CVD Method. Fullerenes Nanotubes and Carbon Nanostructures, 2015, 23, 1103-1107.	2.1	10
82	Novel Nanostructured Photocatalyst of Vanadium-Doped Silica-Titania Aerogel. , 2009, , .		9
83	Optimization of Gate, Runner and Sprue in Two-Plate Family Plastic Injection Mould. , 2010, , .		9
84	Starch-based Antimicrobial Films Incorporated with Lauric Acid and Chitosan. AIP Conference Proceedings, 2010, , .	0.4	9
85	Synthesis of TiO ₂ Nanowires via Hydrothermal Method. Japanese Journal of Applied Physics, 2012, 51, 06FG08.	1.5	9
86	Nanocolumnar zinc oxide as a transparent conductive oxide film for a blue InGaN-based light emitting diode. Ceramics International, 2015, 41, 913-920.	4.8	9
87	4-Methylcatechol-treated Jute-Bamboo Hybrid Composites: Effects of pH on Thermo-Mechanical and Morphological Properties. BioResources, 2016, 11, .	1.0	9
88	Aging- and thermal-annealing effects on the vibrational- and microstructural-properties of PECVD grown hydrogenated amorphous silicon carbon nitride thin films. Vibrational Spectroscopy, 2018, 94, 22-30.	2.2	9
89	Physical and Microstructural Properties of Radio-Frequency Plasma-Enhanced Chemical Vapor Deposition Grown n-Type Phosphorus Doped Amorphous Carbon Films on the Contribution to Carbon-Based Solar Cells. Japanese Journal of Applied Physics, 2005, 44, 6124-6130.	1.5	8
90	Design and Fabrication of Polysilicon-based Piezoresistive Microcantilever For Biological Sensing. , 2009, , .		8

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91	Vertical Double Gate MOSFET For Nanoscale Device With Fully Depleted Feature. , 2009, , .		8
92	Characterization of MOSFET-like Carbon Nanotube Field Effect Transistor. AIP Conference Proceedings, 2010, , .	0.4	8
93	The Effect of Growth Temperature on the Surface Properties of TiO ₂ Nanostructures Grown on TiO ₂ Templates. Transactions of the Materials Research Society of Japan, 2011, 36, 273-279.	0.2	8
94	Thermal Degradation of Nanocomposited PMMA/TiO ₂ Nanocomposites. IOP Conference Series: Materials Science and Engineering, 2013, 46, 012045.	0.6	8
95	Structural, Optical and Electrical Characterization of Amorphous Carbon Thin Films Grown on PTFE Substrates for Photovoltaic Application. , 2006, , .		7
96	Nanowire Formation Using Electron Beam Lithography. , 2009, , .		7
97	Conductivity and Structural Studies of Magnesium Based Solid Electrolytes. , 2009, , .		7
98	In vitro Study on Apical Sealing Ability of Nano-Hydroxyapatite-Filled Epoxy Resin Based Endodontic Sealer. , 2010, , .		7
99	Structural and Thermal Behaviors of Iron-Filled Align Carbon Nanotubes Formulated by Two-Stage Catalytic Chemical Vapor Deposition. Advanced Materials Research, 0, 364, 191-195.	0.3	7
100	Optical and Electrical Characteristic of Layer-by-Layer Sol-Gel Spin Coated Nanoparticles ZnO Thin Films. Advanced Materials Research, 0, 364, 149-153.	0.3	7
101	Characterization of Multi-Walled Carbon Nanotubes/Natural Rubber Nanocomposite by Wet Mixing Method. Nano Hybrids, 0, 1, 81-97.	0.3	7
102	Electrical and Structural Properties of ZnO/TiO ₂ Nanocomposite Thin Films by RF Magnetron Co-Sputtering. Advanced Materials Research, 0, 667, 206-212.	0.3	7
103	Effect of Annealing Temperature of Magnesium Doped Zinc Oxide Nanorods Growth on Silicon Substrate. Journal of Nano Research, 0, 26, 33-38.	0.8	7
104	Bonding and Mechanical Properties of PMMA/TiO ₂ Nanocomposites. Advanced Materials Research, 0, 832, 700-705.	0.3	7
105	Surface Morphology and Compositional Analysis of Undoped Amorphous Carbon Thin Films via Bias Assisted Pyrolysis-CVD. Advanced Materials Research, 2013, 667, 468-476.	0.3	7
106	Characterization of Copper (I) Iodide (CuI) Thin Film using TMED for Dye-Sensitized Solar Cells. Advanced Materials Research, 0, 667, 447-451.	0.3	7
107	Growth of uniform carbon thin film containing nanocrystalline graphene clusters from evaporated palm oil by thermal chemical vapor deposition. Japanese Journal of Applied Physics, 2014, 53, 075101.	1.5	7
108	Structural and electrical properties of PVDF-TrFE/ZnO bilayer and filled PVDF-TrFE /ZnO single layer nanocomposite films. Advances in Materials and Processing Technologies, 2017, 3, 300-307.	1.4	7

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109	Effect of Acid Oxidation on the Dispersion Property of Multiwalled Carbon Nanotubes. , 2009, , .		6
110	Electrical Conductivity of Chlorophyll with Polythiophene Thin Film on Indium Tin Oxide as P-N Heterojunction Solar Cell. , 2009, , .		6
111	Al Doped ZnO Thin Film Based Ultraviolet Photo-Conductive Sensor Prepared by Sol-Gel Spin-Coating Method. , 2009, , .		6
112	Electrical Properties and Surface Morphology Study on the Effect of Annealing Temperature of One Layer Titanium Dioxide Thin Films Prepared by Sol-Gel Method. , 2009, , .		6
113	The Effect of Stabiliserâ€™s Molarity to the Growth of ZnO Nanorods. Defect and Diffusion Forum, 0, 312-315, 99-103.	0.4	6
114	Amorphous Carbon Deposited by a Novel Aerosol-Assisted Chemical Vapor Deposition for Photovoltaic Solar Cells. Japanese Journal of Applied Physics, 2012, 51, 06FD05.	1.5	6
115	Surface Morphology of Seeded Nanostructured ZnO on Silicon by Sol-Gel Technique. Advanced Materials Research, 0, 667, 265-271.	0.3	6
116	Solid-State Dye Sensitized Solar Cells: Effect of Hole Transport Material Properties to the Photovoltaic Performance. Advanced Materials Research, 0, 667, 317-323.	0.3	6
117	The Effects of Annealing Temperatures on Composition and Strain in SixGe1â€™x Obtained by Melting Growth of Electrodeposited Ge on Si (100). Materials, 2014, 7, 1409-1421.	2.9	6
118	Synthesis of Ge1â€™xSnx Alloy Thin Films by Rapid Thermal Annealing of Sputtered Ge/Sn/Ge Layers on Si Substrates. Materials, 2018, 11, 2248.	2.9	6
119	Hydrothermal synthesis of nanomoss Nb2O5 films and their ultraviolet photodetection performance. Journal of Materials Science: Materials in Electronics, 2018, 29, 16765-16774.	2.2	6
120	Electrochemical Reduction Of Carbon Dioxide Using Gas Diffusion Electrodes Loaded With Fine Catalysts. , 2009, , .		5
121	Electrical Studies On Hexanoyl Chitosan-based Nanocomposite Polymer Electrolytes. , 2009, , .		5
122	Influence of Glacial Acetic Acid and Nitric Acid as a Chelating Agent in Sol-gel Process to the Nanostructured Titanium Dioxide Thin Films. , 2009, , .		5
123	A Surface Morphology Study On The Effect Of Annealing Temperature To Nanostructured ZnO And Its Reaction Mechanism In Solution Method. , 2009, , .		5
124	Molar concentration effect on MgO thin films properties. , 2011, , .		5
125	PEDOT:PSS Thin Film as Transparent Electrode in ITO-Free Organic Solar Cell. Advanced Materials Research, 2012, 501, 252-256.	0.3	5
126	Influence of Cubic Structured-ZnSnO ₃ Immersion Time to the Performance of Humidity Sensor. Nano Hybrids, 2012, 2, 1-11.	0.3	5

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127	Carbon-Based Solar Cell from Amorphous Carbon with Nitrogen Incorporation. Advanced Materials Research, 0, 576, 785-788.	0.3	5
128	CVD growth of carbon nanotubes from palm oil precursor. , 2012, , .		5
129	Effect of solution concentration on the morphology, electrical, and optical properties of MEH-PPV thin films. , 2012, , .		5
130	Study on thermal and biodegradation resistance of tropical wood material composites. Journal of Applied Polymer Science, 2013, 128, 1842-1847.	2.6	5
131	Thermal Stability and Decay Resistance Properties of Tropical Wood Polymer Nanocomposites (WPNC). Advanced Materials Research, 0, 667, 482-489.	0.3	5
132	Preparation and Applications of Hydrophilic Nano-Carbon Particles. Advanced Materials Research, 0, 832, 767-772.	0.3	5
133	Amorphous Carbon Deposited by a Novel Aerosol-Assisted Chemical Vapor Deposition for Photovoltaic Solar Cells. Japanese Journal of Applied Physics, 2012, 51, 06FD05.	1.5	5
134	Synthesis And Characterization Of Zinc Oxide Nanoparticles Prepared Via Precipitation And Self-Combustion Methods. , 2009, , .		4
135	Effect of Reaction Temperature and Flow Rate of Precursor on Formation of Multi-Walled Carbon Nanotubes. , 2009, , .		4
136	The Electrical and Optical Properties of PMMA $\hat{\wedge}$ MWCNTs Nanocomposite Thin Films. , 2009, , .		4
137	The Use of Multi-Walled Carbon Nanotubes as Possible Carrier in Drug Delivery System for Aspirin. , 2009, , .		4
138	Cyclodextrin-Functionalized Carbon Nanotubes For Mixed Matrix Membrane. , 2009, , .		4
139	A Study on Gamma Irradiation Synthesis of Copper Nanoparticles. , 2009, , .		4
140	Electrical Properties of Amorphous Carbon Thin Films Prepared from Natural Precursor of Camphor. , 2009, , .		4
141	Blunt Trauma Performance of Fabric Systems Utilizing Natural Rubber Coated High Strength Fabrics. AIP Conference Proceedings, 2010, , .	0.4	4
142	Thermal and Electrical Characterization of Alumina Substrate for Microelectronic Applications. AIP Conference Proceedings, 2010, , .	0.4	4
143	Durian Husk as Potential Source for Particleboard Industry. AIP Conference Proceedings, 2010, , .	0.4	4
144	Optimization of Electrical Conductivity for Composite Bipolar Plates in PEM Fuel Cell. , 2010, , .		4

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145	Laser Welding Characterization of Kovar and Stainless Steel Alloys as Suitable Materials for Components of Photonic Devices Packaging. , 2010, , .		4
146	Hydrogenated Amorphous Carbon Films. Advanced Structured Materials, 2010, , 79-99.	0.5	4
147	Investigation on Annealed CNTs to the Electrical and Optical Properties of Nanocomposited MEH-PPV: CNTs Thin Film. Advanced Materials Research, 0, 364, 144-148.	0.3	4
148	Structural and Optical Properties of Nanohybrid PMMA/TiO ₂ . Advanced Materials Research, 0, 667, 63-67.	0.3	4
149	Effect of Multi-Wall Carbon Nanotubes on the Properties of Natural Rubber Nanocomposites. Advanced Materials Research, 2013, 832, 338-343.	0.3	4
150	Overview: Zeolite as a Valuable Crystalline Inorganic Material. Advanced Materials Research, 2013, 667, 53-57.	0.3	4
151	ZnO Nanostructures “ Nanorods and Flower-Like on Si/Au Substrates by Solution-Immersion Method in Different pH of Precursor. Advanced Materials Research, 0, 667, 86-92.	0.3	4
152	Deposition of Amorphous Carbon Thin Films via Bias Assisted Pyrolysis-CVD. Advanced Materials Research, 0, 667, 172-179.	0.3	4
153	Photoluminescence Spectra of ZnO Thin Film Composed Nanoparticles on Silicon and Porous Silicon. Advanced Materials Research, 0, 832, 843-847.	0.3	4
154	Effect of Molar Concentration on Electrically Resistive Lead Titanate Thin Films by Simple Sol-Gel Method. Advanced Materials Research, 0, 832, 379-383.	0.3	4
155	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
156	Influence of volume variety of waste cooking palm oil as carbon source on graphene growth through double thermal chemical vapor deposition. , 2018, , .		4
157	Annealing Temperature Effects on Synthesis of n-TiO ₂ /dye/p-CuI Solid-State Solar Cells. Japanese Journal of Applied Physics, 2005, 44, 2560-2567.	1.5	3
158	Characteristics of Hydrotalcite Synthesized From A Solvothermal Method. , 2009, , .		3
159	Drain Control Coefficient Effect on CNFET Performance. , 2009, , .		3
160	Adhesion and Water Repellent Properties Of Nascent Dammar“Silicone Thin Film: A Bio Mimicry Approach. , 2009, , .		3
161	An Empirical Kinetic Approach To Study The Occurrence Of Ion-Exchange At The Aqueous Cationic Micellar Surface: Alkaline Hydrolysis Of N-Benzylphthalimide. , 2009, , .		3
162	Ballistic Saturation Velocity of Quasi-2D Low-Dimensional Nanoscale Field Effect Transistor (FET). , 2009, , .		3

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163	Influence of Post-Annealing Temperature on the Material Properties of Zinc Oxide Nanorods. Journal of Nanoscience and Nanotechnology, 2010, 10, 6419-6423.	0.9	3
164	Effect of precursor concentration on the structural and optical properties of ZnO nanostructures. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1596-1599.	1.8	3
165	Synthesis of Nanostructured Carbides of Titanium and Vanadium from Metal Oxides and Ferroalloys Through High-energy Mechanical Milling and Heat Treatment. , 2010, , .		3
166	Fabrication of Titania Nanotubes for Gas Sensing Applications. , 2010, , .		3
167	The Growth and Growth Mechanism of Congruent LiNbO ₃ Single Crystals by Czochralski Method. , 2010, , .		3
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