

Mohamad Rusop

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

387
papers

1,893
citations

20
h-index

30
g-index

606
ext. papers

2,291
ext. citations

1.1
avg, IF

4.74
L-index

#	Paper	IF	Citations
387	The Deposition of Titanium Dioxide Nanostructures Layer Using One-step Solution Process and Spin-coating Technique. <i>Current Nanomaterials</i> , 2021 , 06,	1.3	1
386	Physicochemical properties of surface modified ZnFe ₂ O ₄ nanocomposite incorporated with bio-templated kapok fiber for photoelectrochemical application. <i>Surface and Interface Analysis</i> , 2021 , 53, 637	1.5	
385	The effect of silver doped in zinc oxide nanorods on titanium dioxide seeded substrate synthesized by binary solution technique. <i>Japanese Journal of Applied Physics</i> , 2020 , 59, SAAC08	1.4	1
384	Evaluation of the crystalline structure of Ag ⁺ -doped ZnO thin film treated with selected annealing temperatures. <i>Japanese Journal of Applied Physics</i> , 2020 , 59, SAAC12	1.4	1
383	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	3	10
382	Dielectric and Structural Properties of Poly(vinylidene fluoride) (PVDF) and Poly(vinylidene fluoride-trifluoroethylene) (PVDF-TrFE) Filled with Magnesium Oxide Nanofillers. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-12	3.2	40
381	Size and time-dependent induction of proinflammatory cytokines expression in brains of mice treated with gold nanoparticles. <i>Saudi Journal of Biological Sciences</i> , 2019 , 26, 625-631	4	9
380	High Surface Area to Volume Ratio 3D Nanoporous Nb ₂ O ₅ for Enhanced Humidity Sensing. <i>Journal of Electronic Materials</i> , 2019 , 48, 3805-3815	1.9	6
379	Facile synthesis of CaCO ₃ and investigation on structural and optical properties of high purity crystalline calcite. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019 , 243, 78-85	3.1	9
378	Nanotubular Ta ₂ O ₅ as ultraviolet (UV) photodetector. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 4953-4966	2.1	8
377	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	2.1	5
376	Plasma diagnostic by optical emission spectroscopy on reactive magnetron sputtering plasma A Brief Introduction. <i>Journal of Physics: Conference Series</i> , 2018 , 1027, 012005	0.3	2
375	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	2	8
374	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	2.1	4
373	Optical Properties of Multilayer Porous Silicon with Different Fabrication Conditions for Application along Telecom Band 2018 ,		1
372	Synthesis of GeSn Alloy Thin Films by Rapid Thermal Annealing of Sputtered Ge/Sn/Ge Layers on Si Substrates. <i>Materials</i> , 2018 , 11,	3.5	4
371	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	0.8	4

370	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	5.7	12
369	Electrical and optical characteristics of atmospheric pressure plasma needle jet driven by neon transformer 2017 ,		1
368	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	1.5	27
367	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, 01AE14	1.4	18
366	4-Methylcatechol-treated Jute-Bamboo Hybrid Composites: Effects of pH on Thermo-Mechanical and Morphological Properties. <i>BioResources</i> , 2016 , 11,	1.3	9
365	Spin Speed and Duration Dependence of TiO ₂ Thin Films pH Sensing Behavior. <i>Journal of Sensors</i> , 2016 , 2016, 1-8	2	2
364	Optimization of Nano-Process Deposition Parameters Based on Gravitational Search Algorithm. <i>Computers</i> , 2016 , 5, 12	1.9	2
363	Effect of varying nitrogen flow rates on the optical properties of amorphous-SiCN thin films 2016 ,		1
362	Growth of well-oriented VACNTs using thermal chemical vapor deposition method 2016 ,		2
361	Electrical properties of undoped zinc oxide nanostructures at different annealing temperature 2016 ,		1
360	Thickness and concentration effect of P3HT in P3HT:graphene nanocomposites based bulk-heterojunction organic solar cells 2016 ,		1
359	Electrical properties of tin-doped zinc oxide nanostructures doped at different dopant concentrations 2016 ,		2
358	Dynamic mechanical behavior magnetorheological nanocomposites containing CNTs: A review 2016 ,		1
357	Correlation of Critical Parameters on Carbon Nanotubes Crystallinity in Chemical Vapor Deposition by Using Renewable Bioresource. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 8263-8268	1.3	2
356	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	42
355	Influence of Nitrogen Gas Flow Rate on Nitrogenated Amorphous Carbon Film for Solar Cell Applications. <i>Advanced Materials Research</i> , 2015 , 1109, 138-142	0.5	
354	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	2.9	8
353	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	1.8	8

352	Nanostructured TiO ₂ Thin Film by Sol-Gel Spin Coating with Different Concentration. <i>Advanced Materials Research</i> , 2015 , 1109, 529-533	0.5	
351	Post-Annealing Temperature Effect on ZnO Nanostructures Growth on Porous Silicon. <i>Advanced Materials Research</i> , 2015 , 1109, 434-438	0.5	
350	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	5.1	4
349	Structural and Optical Properties of ZnO Nanotetrapods Deposited by Thermal Chemical Vapor Deposition with Different Gas Flow Rate. <i>Advanced Materials Research</i> , 2015 , 1109, 456-460	0.5	
348	Boron-doped amorphous carbon film grown by bias assisted pyrolysis chemical vapor deposition. <i>IEICE Electronics Express</i> , 2015 , 12, 20140937-20140937	0.5	1
347	Possible High Efficiency Platform for Biosensors Based on Optimum Physical Chemistry of Carbon Nanotubes . <i>Chemical Vapor Deposition</i> , 2015 , 21, 263-266		11
346	High-performance dye-sensitized solar cells based on morphology-controllable synthesis of ZnO-ZnS heterostructure nanocone photoanodes. <i>PLoS ONE</i> , 2015 , 10, e0123433	3.7	37
345	Synthesis and Characterization of Cellulose from Green Bamboo by Chemical Treatment with Mechanical Process. <i>Journal of Chemistry</i> , 2015 , 2015, 1-6	2.3	29
344	Physical Properties of MEH-PPV Thin Films at Different Ageing. <i>Advanced Materials Research</i> , 2015 , 1109, 534-538	0.5	
343	Sensing capability of TiO ₂ thin films with different thicknesses as sensing membrane of EGFET pH sensor 2015 ,		3
342	Capacitance Voltage of P3HT:Graphene Nanocomposites Based Bulk-Heterojunction Organic Solar Cells. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 99, 012005	0.4	
341	Annealing temperature effect on the electrical characteristics and pH sensitivity of TiO ₂ /ZnO bilayer films 2015 ,		1
340	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	3.3	12
339	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	2.6	7
338	Seed/catalyst-free growth of zinc oxide nanostructures on multilayer graphene by thermal evaporation. <i>Nanoscale Research Letters</i> , 2014 , 9, 83	5	20
337	Seedless growth of zinc oxide flower-shaped structures on multilayer graphene by electrochemical deposition. <i>Nanoscale Research Letters</i> , 2014 , 9, 337	5	23
336	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	26
335	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	5.1	29

334	Electrodeposited Germanium On Silicon Substrate Using A Mixture Of Germanium Tetrachloride And Propylene Glycol. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014 , 72,	1.2	1
333	Effect of Nanonization on Physicochemical Properties of Centella asiatica Powders. <i>Advanced Materials Research</i> , 2014 , 917, 106-112	0.5	
332	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> , 2014 , 925, 125-129	0.5	7
331	The Effects of Annealing Temperatures on Composition and Strain in SiGe Obtained by Melting Growth of Electrodeposited Ge on Si (100). <i>Materials</i> , 2014 , 7, 1409-1421	3.5	5
330	Effect of Metal Catalyst Morphology on the Growth of Zinc Oxide Nanostructure by Thermal Vapor Deposition Method. <i>Advanced Materials Research</i> , 2014 , 925, 120-124	0.5	0
329	Electrochemically deposited gallium oxide nanostructures on silicon substrates. <i>Nanoscale Research Letters</i> , 2014 , 9, 120	5	15
328	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	21
327	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	1.4	7
326	Ferroelectric Properties of Polyvinylidene fluoride-Trifluoroethylene (PVDF-TrFE) Annealed Thin Film. <i>Advanced Materials Research</i> , 2014 , 879, 1-6	0.5	
325	Fast synthesis of multilayer carbon nanotubes from camphor oil as an energy storage material. <i>BioMed Research International</i> , 2014 , 2014, 691537	3	24
324	Surface Morphology of Nano-Sized Titanium Dioxide. <i>Applied Mechanics and Materials</i> , 2014 , 534, 63-68	0.3	
323	Physico-mechanical and decay resistance properties of chemically modified tropical wood material. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 1555-1560	2.9	1
322	Nanostructures bilayer ZnO/MgO dielectrics for metal-insulator-metal capacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2013 , 24, 4213-4220	2.1	2
321	Synthesis and nucleation-growth mechanism of almost catalyst-free carbon nanotubes grown from Fe-filled sphere-like graphene-shell surface. <i>Journal of Nanostructure in Chemistry</i> , 2013 , 3, 1	7.6	8
320	Electroluminescence behavior of MEH-PPV based organic light emitting diode 2013 ,		2
319	Electron and Ion Densities Measurement in Reactive Magnetron Zinc Sputtering Plasma. <i>Advanced Materials Research</i> , 2013 , 832, 344-349	0.5	
318	Carbon Nanotubes in Cancer Treatment: A Preliminary In Vitro Study Using Neuroblastoma Cells. <i>Advanced Materials Research</i> , 2013 , 667, 155-159	0.5	2
317	Hybrid organic-inorganic light emitting diode using ZnO nanorods as electron transport layer 2013 ,		3

316	Physical properties of fish gelatin-based bio-nanocomposite films incorporated with ZnO nanorods. <i>Nanoscale Research Letters</i> , 2013 , 8, 364	5	108
315	Preparation of LaPO ₄ with Different Morphologies and Fluorescence Properties by Sol-Gel Spin-Coating Method. <i>Advanced Materials Research</i> , 2013 , 832, 562-566	0.5	2
314	Enhanced Antioxidant Activity in Wet Mill Nanostructured Zingiber officinale (Ginger) Rhizome. <i>Advanced Materials Research</i> , 2013 , 832, 551-556	0.5	
313	Electroluminescence and Photoluminescence Properties of Porous Silicon Nanostructures with Optimum Current Density of Photo-Electrochemical Anodisation. <i>Advanced Materials Research</i> , 2013 , 667, 180-185	0.5	0
312	Effect of Etching Time on Electrical and Optical Properties of Porous Silicon. <i>Advanced Materials Research</i> , 2013 , 667, 397-401	0.5	1
311	Optical Properties of Al Doped Zinc Oxide Nanorods Thin Film Deposited by Immersion Technique. <i>Advanced Materials Research</i> , 2013 , 667, 388-392	0.5	
310	Sol-Gel Derived Nanomagnesium Oxide: Influence of Annealing Temperature on the Dielectric Layer Properties. <i>Advanced Materials Research</i> , 2013 , 667, 307-311	0.5	
309	A Study on Commercial Polytetrafluoroethylene as a High Potential Polymer. <i>Advanced Materials Research</i> , 2013 , 832, 543-546	0.5	
308	An overview of Gravitational Search Algorithm utilization in optimization problems 2013 ,		8
307	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	0.5	
306	Effect of Different Solvents on the Optical Properties and Surface Morphology of MEH-PPV Thin Films. <i>Advanced Materials Research</i> , 2013 , 667, 402-406	0.5	0
305	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	0.5	2
304	Growth of ZnO Nanostructures on Porous Silicon in Different Concentration of Zn ²⁺ Ion. <i>Advanced Materials Research</i> , 2013 , 832, 691-694	0.5	1
303	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	2.2	53
302	Electrical and Structural Properties of ZnO/TiO ₂ Nanocomposite Thin Films by RF Magnetron Co-Sputtering. <i>Advanced Materials Research</i> , 2013 , 667, 206-212	0.5	4
301	Effect of Annealing Temperature of Magnesium Doped Zinc Oxide Nanorods Growth on Silicon Substrate. <i>Journal of Nano Research</i> , 2013 , 26, 33-38	1	7
300	Optimization of ball milling parameters to produce Centella asiatica herbal nanopowders. <i>Journal of Nanostructure in Chemistry</i> , 2013 , 3, 1	7.6	9
299	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	0.5	1

298	Structural and Optical Properties of ZnO/PMMA Nanocomposite. <i>Advanced Materials Research, 2013, 832, 602-606</i>	0.5	2
297	The Effect of PMMA Layer to the UV Properties of ZnO/PMMA Nanocomposite. <i>Advanced Materials Research, 2013, 832, 612-616</i>	0.5	
296	Effects of RF Power on the Optical Properties of ZnO/TiO ₂ Nanocomposites Prepared by RF Magnetron Sputtering and Solution-Immersion Method. <i>Advanced Materials Research, 2013, 832, 607-611</i>	0.5	
295	Preparation and Characterization of Needle-Like ZnO on TiO ₂ Nanoparticles by Solution-Immersion Method and RF Magnetron Sputtering. <i>Advanced Materials Research, 2013, 832, 596-601</i>	0.5	1
294	Electrical and Physical Properties of Nanocomposited MEH-PPV: CNTs for Organic Solar Cells Application. <i>Advanced Materials Research, 2013, 832, 687-690</i>	0.5	
293	Bonding and Mechanical Properties of PMMA/TiO ₂ Nanocomposites. <i>Advanced Materials Research, 2013, 832, 700-705</i>	0.5	5
292	Review on Electroluminescence Behaviour of Organic Light Emitting Diode. <i>Advanced Materials Research, 2013, 832, 455-459</i>	0.5	2
291	Dispersion of TiO ₂ Nanopowder in the PMMA Matrix Prepared by Sonication-Solution Casting Method. <i>Advanced Materials Research, 2013, 667, 115-121</i>	0.5	
290	Impact of Nanopowders on Extraction Yield of Centella asiatica. <i>Advanced Materials Research, 2013, 667, 246-250</i>	0.5	12
289	Surface Morphology and Compositional Analysis of Undoped Amorphous Carbon Thin Films via Bias Assisted Pyrolysis-CVD. <i>Advanced Materials Research, 2013, 667, 468-476</i>	0.5	3
288	Structural and Optical Properties of Nanohybrid PMMA/TiO ₂ . <i>Advanced Materials Research, 2013, 667, 63-67</i>	0.5	3
287	Evaporated Ethanol as Precursor for Carbon Nanotubes Synthesis. <i>Advanced Materials Research, 2013, 832, 322-327</i>	0.5	1
286	Preparation and Characterization of Crosslinked Latex Nanoparticles by Differential Microemulsion Polymerization. <i>Advanced Materials Research, 2013, 832, 759-762</i>	0.5	
285	Optical Properties and Morphology of Al Doped Zinc Oxide Thin Film Exposed on Wet and Dry Conditions. <i>Advanced Materials Research, 2013, 667, 272-276</i>	0.5	
284	Formation of ZnO Nanoparticulate Thin Film: Sol-Gel Synthesis and Characterisation. <i>Advanced Materials Research, 2013, 832, 362-367</i>	0.5	
283	Annealing Effect on the Surface Morphology and Photoluminescence Properties of ZnO Nanorod Prepared by Catalytic-Immersion Method Grown on Si and Au/Si Substrate. <i>Advanced Materials Research, 2013, 667, 110-114</i>	0.5	
282	Factors Affecting the Properties of Zinc Oxide Thin Films Prepared by Dip-Coating Method: A Review. <i>Advanced Materials Research, 2013, 667, 193-199</i>	0.5	3
281	Optical and Structural Properties of ZnO Nanostructures Deposited on PSi Substrates. <i>Advanced Materials Research, 2013, 667, 359-362</i>	0.5	1

280	Electrical Characteristic of UV Sensor Using Nanostructured Al Doped ZnO Thin Film. <i>Advanced Materials Research</i> , 2013 , 667, 384-387	0.5	
279	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	0.5	
278	Growth of Zinc Oxide Rods in Different Heating Medium. <i>Advanced Materials Research</i> , 2013 , 667, 490-494	0.5	
277	FTIR Studies of Carbon Nanotubes Produced from Fermented Tapioca Prepared by Thermal-CVD. <i>Advanced Materials Research</i> , 2013 , 667, 538-541	0.5	
276	Production of Herbal Nanopowders: Effect of Milling Time. <i>Advanced Materials Research</i> , 2013 , 686, 3-7	0.5	
275	Electrical Properties Dependence on Substrate Temperature of Sputtered ZnO Nanoparticles Thin Films on Teflon Substrates. <i>Advanced Materials Research</i> , 2013 , 795, 403-406	0.5	3
274	Effect of Multi-Wall Carbon Nanotubes on the Properties of Natural Rubber Nanocomposites. <i>Advanced Materials Research</i> , 2013 , 832, 338-343	0.5	4
273	Growth and Characterisation of Nanocrystalline ZnO Thin Films by Dip Coating Technique. <i>Advanced Materials Research</i> , 2013 , 832, 368-373	0.5	
272	Effect of Iodine Concentration in MWCNTs for MEH-PPV Based Organic Solar Cell Applications. <i>Advanced Materials Research</i> , 2013 , 832, 681-686	0.5	
271	Influence of Annealing Temperature to Surface Morphology of Flowerlike ZnO Deposited on Seeded Glass. <i>Advanced Materials Research</i> , 2013 , 832, 754-758	0.5	1
270	The Effect of Time Ageing of Spray-Deposited on the Growth of CdSe Nanoparticles. <i>Advanced Materials Research</i> , 2013 , 832, 827-831	0.5	
269	The Effect of Inoculum in the Preparation of Fermented Tapioca for Nanotechnology Applications Based on the Surface Morphology of CNTs. <i>Advanced Materials Research</i> , 2013 , 667, 363-366	0.5	
268	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	0.5	
267	Effect of Seed Layer Morphology on the Growth of Zinc Oxide Nanotetrapods by Thermal Chemical Vapour Deposition Method. <i>Advanced Materials Research</i> , 2013 , 832, 429-433	0.5	1
266	Crystallization of Electrodeposited Germanium Thin Film on Silicon (100). <i>Materials</i> , 2013 , 6, 5047-5057	3.5	10
265	Effect of Sputtering Pressure on Optimization of Titanium Dioxide Nanostructures Prepared by RF Magnetron Sputtering. <i>Advanced Materials Research</i> , 2013 , 667, 452-457	0.5	2
264	The Effect of Drying Methods on Physicochemical Properties of Nanostructured Zingiber officinale Rosc. (Ginger) Rhizome. <i>Advanced Materials Research</i> , 2013 , 667, 458-463	0.5	1
263	Study of Time Effect to the Optical Properties of CdSe Nanocrystal. <i>Advanced Materials Research</i> , 2013 , 667, 48-52	0.5	

262	Overview: Zeolite as a Valuable Crystalline Inorganic Material. <i>Advanced Materials Research</i> , 2013 , 667, 53-57	0.5	3
261	Nanostructured Zinc Oxide Thin Film Based Humidity Sensor Prepared by Sol-Gel Immersion Technique. <i>Advanced Materials Research</i> , 2013 , 667, 553-557	0.5	1
260	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	0.5	
259	Electrical Characterization of Metal Insulator Semiconductor Using ZnO Low Deposition Temperature as Semiconductor Layer. <i>Advanced Materials Research</i> , 2013 , 832, 270-275	0.5	1
258	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	0.5	
257	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	0.5	1
256	Properties of I-Doped CuI Thin Films by Chemical Vapor Deposition (CVD). <i>Advanced Materials Research</i> , 2013 , 832, 439-443	0.5	1
255	Effect of Urea as a Stabiliser in the Thermal Immersion Method to Synthesise Zinc Oxide Nanostructures on Porous Silicon Nanostructures. <i>Advanced Materials Research</i> , 2013 , 832, 644-648	0.5	1
254	Preparation and Characterizations Cotton Coated Titanium Dioxide, TiO ₂ . <i>Advanced Materials Research</i> , 2013 , 832, 739-743	0.5	
253	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	0.5	
252	Dielectric and Structural Properties of RF Magnetron Sputter Grown Lead Zirconium Titanate Thin Film: A Review. <i>Advanced Materials Research</i> , 2013 , 667, 312-316	0.5	
251	Growth of Self-Catalyzed ZnO Heterostructures Using Thermal Chemical Vapor Deposition Method. <i>Advanced Materials Research</i> , 2013 , 667, 338-342	0.5	
250	Humidity Sensor Using CVD Deposited SnO ₂ Thin Film. <i>Advanced Materials Research</i> , 2013 , 667, 415-420	0.5	0
249	Vertically Aligned Carbon Nanotubes from Palm Oil Precursor. <i>Advanced Materials Research</i> , 2013 , 667, 542-548	0.5	1
248	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	0.5	
247	ZnO Nanostructures [Nanorods and Flower-Like on Si/Au Substrates by Solution-Immersion Method in Different pH of Precursor. <i>Advanced Materials Research</i> , 2013 , 667, 86-92	0.5	2
246	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	0.5	
245	Thickness Dependency on Dielectric Property of Lead Titanate Thin Film. <i>Advanced Materials Research</i> , 2013 , 832, 384-387	0.5	0

244	Optical Characterization of Porous Silicon (PS) Doped Erbium (Er) Using Photoluminescence Spectroscopy. <i>Advanced Materials Research</i> , 2013 , 832, 617-621	0.5	
243	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	0.5	5
242	Dielectric Properties of PVDF/MgO Nanocomposites Thin Film with Various Annealing Temperatures. <i>Advanced Materials Research</i> , 2013 , 832, 718-723	0.5	1
241	Effect of RF Power on Optimization of Titanium Dioxide Nanostructures by RF Magnetron Sputtering. <i>Advanced Materials Research</i> , 2013 , 667, 104-109	0.5	3
240	Properties of Iodine Doped Amorphous Carbon Thin Films Grown by Thermal CVD. <i>Advanced Materials Research</i> , 2013 , 667, 294-299	0.5	1
239	The Structural Properties of Carbon Nanotubes Grown on Porous Silicon-Based Materials by Thermal Chemical Vapor Deposition Method. <i>Advanced Materials Research</i> , 2013 , 667, 477-481	0.5	
238	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	0.5	
237	Fundamentals of Two-Dimensional Crystallographic Carbon Form and its Future Directions: A Review. <i>Advanced Materials Research</i> , 2013 , 832, 292-297	0.5	1
236	Influence of Nano-Filler Loading on the Nano-MgO Dielectrics. <i>Advanced Materials Research</i> , 2013 , 832, 533-536	0.5	
235	Inhibitory Effect of Multiwalled Carbon Nanotubes on SH-SY5Y Cells. <i>Advanced Materials Research</i> , 2013 , 832, 388-393	0.5	
234	High Sensitivity Humidity Sensor Based on ZnSnO ₃ Composite Nanocube. <i>Key Engineering Materials</i> , 2013 , 594-595, 872-876	0.4	
233	Utilization of Soft Computing Techniques in Sputtering Processes: A Review. <i>Advanced Materials Research</i> , 2013 , 832, 260-265	0.5	
232	Characteristics of Humidity Sensor Fabricated Using Nanostructured ZnO Thin Film by Sol-Gel Method. <i>Advanced Materials Research</i> , 2013 , 667, 380-383	0.5	1
231	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	0.5	1
230	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	0.5	
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221	Thermo Gravimetric Analysis Study of PMMA/TiO ₂ Nanocomposites. <i>Advanced Materials Research</i> , 2013 , 832, 816-820	0.5	
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210	Diode Characteristics of Zinc Oxide Thin Film at Different Deposition Time for FET Applications. <i>Advanced Materials Research</i> , 2013 , 667, 393-396	0.5	
209	Synthesis and Characterization of Carbon Nanotubes from Palm Oil by Aerosol-Assisted CVD. <i>Advanced Materials Research</i> , 2013 , 667, 218-223	0.5	1

208	Surface Morphology of Seeded Nanostructured ZnO on Silicon by Sol-Gel Technique. <i>Advanced Materials Research</i> , 2013 , 667, 265-271	0.5	6
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206	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	0.5	1
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200	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	0.5	1
199	Synthesis and Characterization of Carbon Nanotubes from Natural Source - Camphor Oil. <i>Advanced Materials Research</i> , 2013 , 667, 421-424	0.5	
198	Preparation of LaPO ₄ Nanostructure Thin Films Using Successive Layer-by-Layer. <i>Advanced Materials Research</i> , 2013 , 832, 585-588	0.5	
197	Thermal Stability and Decay Resistance Properties of Tropical Wood Polymer Nanocomposites (WPNC). <i>Advanced Materials Research</i> , 2013 , 667, 482-489	0.5	4
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195	Optical Band Gap Decrement of Nanocomposited MEH-PPV:CNTs Thin Film for Organic Solar Cells. <i>Advanced Materials Research</i> , 2013 , 667, 260-264	0.5	1
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192	Electrical Contact of Au with CNTs Deposited at Different Deposition Temperatures on Silicon Substrate. <i>Advanced Materials Research</i> , 2013 , 667, 80-85	0.5	
191	Raman and Electrical Analysis of Iodine-Doped Amorphous Carbon Thin Films. <i>Advanced Materials Research</i> , 2013 , 667, 281-286	0.5	

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188	Photoluminescence Spectra of ZnO Thin Film Composed Nanoparticles on Silicon and Porous Silicon. <i>Advanced Materials Research</i> , 2013 , 832, 843-847	0.5	4
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185	Preparation and Applications of Hydrophilic Nano-Carbon Particles. <i>Advanced Materials Research</i> , 2013 , 832, 767-772	0.5	4
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24	Ballistic Saturation Velocity of Quasi-2D Low-Dimensional Nanoscale Field Effect Transistor (FET) 2009 ,			1
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