

# Mohamad Rusop

## List of Publications by Citations

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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	Physical properties of fish gelatin-based bio-nanocomposite films incorporated with ZnO nanorods. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 364	5	108
386	Influence of various sol concentrations on stress/strain and properties of ZnO thin films synthesised by sol-gel technique. <i>Thin Solid Films</i> , <b>2013</b> , 527, 102-109	2.2	53
385	Growth of High-Density Zinc Oxide Nanorods on Porous Silicon by Thermal Evaporation. <i>Materials</i> , <b>2012</b> , 5, 2817-2832	3.5	48
384	Characterization of Phosphorus-Doped Amorphous Carbon and Construction of n-Carbon/p-Silicon Heterojunction Solar Cells. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, 2339-2344	1.4	46
383	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> , <b>2015</b> , 10, 7	5	42
382	New approach for generating Cu <sub>2</sub> O/TiO <sub>2</sub> composite films for solar cell applications. <i>Materials Letters</i> , <b>2012</b> , 66, 254-256	3.3	41
381	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> , <b>2019</b> , 2019, 1-12	3.2	40
380	High-performance dye-sensitized solar cells based on morphology-controllable synthesis of ZnO-ZnS heterostructure nanocone photoanodes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123433	3.7	37
379	Optical properties of well-aligned ZnO nanostructure arrays synthesized by an electric field-assisted aqueous solution method. <i>Ceramics International</i> , <b>2014</b> , 40, 11193-11198	5.1	29
378	Synthesis and Characterization of Cellulose from Green Bamboo by Chemical Treatment with Mechanical Process. <i>Journal of Chemistry</i> , <b>2015</b> , 2015, 1-6	2.3	29
377	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> , <b>2017</b> , 2017, 1-10	1.5	27
376	Seed/catalyst-free vertical growth of high-density electrodeposited zinc oxide nanostructures on a single-layer graphene. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 95	5	26
375	Effects of Annealing Environments on the Solution-Grown, Aligned Aluminium-Doped Zinc Oxide Nanorod-Array-Based Ultraviolet Photoconductive Sensor. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-15	3.2	26
374	Fast synthesis of multilayer carbon nanotubes from camphor oil as an energy storage material. <i>BioMed Research International</i> , <b>2014</b> , 2014, 691537	3	24
373	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> , <b>2006</b> , 15, 645-648	3.5	24
372	Seedless growth of zinc oxide flower-shaped structures on multilayer graphene by electrochemical deposition. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 337	5	23
371	Optical and electrical properties of aluminum doped zinc oxide thin films at various doping concentrations. <i>Journal of the Ceramic Society of Japan</i> , <b>2009</b> , 117, 1263-1267	1	22

370	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> , <b>2010</b> , 7, 2286-2289		22
369	Synthesis of zinc oxide nanostructures on graphene/glass substrate by electrochemical deposition: effects of current density and temperature. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 609	5	21
368	Boron-Incorporated Amorphous Carbon Films Deposited by Pulsed Laser Deposition. <i>Japanese Journal of Applied Physics</i> , <b>2002</b> , 41, L970-L973	1.4	21
367	Seed/catalyst-free growth of zinc oxide nanostructures on multilayer graphene by thermal evaporation. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 83	5	20
366	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> , <b>2011</b> , 50, 06GF05	1.4	19
365	The Electrical Characteristics of Aluminium Doped Zinc Oxide Thin Film for Humidity Sensor Applications. <i>Advances in Materials Science and Engineering</i> , <b>2011</b> , 2011, 1-5	1.5	19
364	Investigation on the Optical and Surface Morphology of Conjugated Polymer MEH-PPV:ZnO Nanocomposite Thin Films. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-4	3.2	19
363	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> , <b>2005</b> , 14, 1084-1088	3.5	19
362	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> , <b>2016</b> , 55, 01AE14	1.4	18
361	A Review on Zinc Oxide Nanostructures: Doping and Gas Sensing. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 329-332	0.5	18
360	Photovoltaic properties of n-C:P/p-Si cells deposited by XeCl eximer laser using graphite target. <i>Solar Energy Materials and Solar Cells</i> , <b>2006</b> , 90, 3205-3213	6.4	18
359	Optical and structural properties of amorphous carbon thin films deposited by microwave surface-wave plasma CVD. <i>Diamond and Related Materials</i> , <b>2006</b> , 15, 188-192	3.5	17
358	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> , <b>2011</b> , 50, 06GH04	1.4	16
357	Growth Pattern of Zinc Oxide Nanorods on Gold Coated Silicon Surfaces <b>2009</b> ,		16
356	Synthesis of nitrogen incorporated diamond-like carbon thin films using microwave surface-wave plasma CVD. <i>Diamond and Related Materials</i> , <b>2005</b> , 14, 1824-1827	3.5	16
355	Electrochemically deposited gallium oxide nanostructures on silicon substrates. <i>Nanoscale Research Letters</i> , <b>2014</b> , 9, 120	5	15
354	Nitrogen doping in camphoric carbon films and its application to photovoltaic cell. <i>Solar Energy Materials and Solar Cells</i> , <b>2006</b> , 90, 3238-3243	6.4	15
353	Formation of AlB <sub>4</sub> C Surface Nano-composite Layers on 7075 Al Alloy Employing Friction Stir Processing <b>2009</b> ,		13

352	Multi-phase structured hydrogenated amorphous silicon carbon nitride thin films grown by plasma enhanced chemical vapour deposition. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 721, 70-79	5.7	12
351	Facile synthesis of vertically aligned cone-shaped ZnO/ZnS core/shell arrays using the two-step aqueous solution approach. <i>Materials Letters</i> , <b>2015</b> , 147, 34-37	3.3	12
350	Impact of Nanopowders on Extraction Yield of Centella asiatica. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 246-250	0.5	12
349	ZnO microstructures and nanostructures prepared by sol-gel hydrothermal technique. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 5618-22	1.3	12
348	Raman Spectroscopic Study of Carbon Nanotubes Prepared Using Fe/ZnO-Palm Olein-Chemical Vapour Deposition. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-6	3.2	12
347	BET Analysis on Carbon Nanotubes: Comparison between Single and Double Stage Thermal CVD Method. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 289-293	0.5	12
346	Photovoltaic characteristics of phosphorus-doped amorphous carbon films grown by r.f. plasma-enhanced CVD. <i>Solar Energy Materials and Solar Cells</i> , <b>2006</b> , 90, 3214-3222	6.4	12
345	Possible High Efficiency Platform for Biosensors Based on Optimum Physical Chemistry of Carbon Nanotubes . <i>Chemical Vapor Deposition</i> , <b>2015</b> , 21, 263-266		11
344	Effect of Annealing Temperature on the Crystallinity, Morphology and Ferroelectric of Polyvinylidene fluoride-Trifluoroethylene (PVDF-TrFE) Thin Film. <i>Advanced Materials Research</i> , <b>2013</b> , 812, 60-65	0.5	11
343	Effects of Al content on Zn <sub>0.95</sub> Mg <sub>0.05</sub> O Thin Films Deposited by Sol-Gel Spin Coating. <i>Japanese Journal of Applied Physics</i> , <b>2007</b> , 46, 40-44	1.4	11
342	Iodine doping in amorphous carbon thin-films for optoelectronic devices. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 376-377, 316-319	2.8	11
341	Crystallization of Electrodeposited Germanium Thin Film on Silicon (100). <i>Materials</i> , <b>2013</b> , 6, 5047-5057	3.5	10
340	Synthesis of Carbon Nanotubes by Chemical Vapour Deposition of Camphor Oil over Ferrocene and Aluminum Isopropoxide Catalyst. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 213-217	0.5	10
339	The Effect Of Temperature On Magnetic Behavior Of Magnetite Nanoparticles And Its Nanocomposites <b>2009</b> ,		10
338	Effect of Solvent on the Dielectric Properties of Nanocomposite Poly(methyl methacrylate)-Doped Titanium Dioxide Dielectric Films. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 06FG09	1.4	10
337	Thermo-mechanical properties of jute/bamboo/polyethylene hybrid composites: The combined effects of silane coupling agent and copolymer. <i>Polymer Composites</i> , <b>2020</b> , 41, 4830-4841	3	10
336	Size and time-dependent induction of proinflammatory cytokines expression in brains of mice treated with gold nanoparticles. <i>Saudi Journal of Biological Sciences</i> , <b>2019</b> , 26, 625-631	4	9
335	Facile synthesis of CaCO <sub>3</sub> 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> , <b>2019</b> , 243, 78-85	3.1	9

334	Optimization of ball milling parameters to produce <i>Centella asiatica</i> herbal nanopowders. <i>Journal of Nanostructure in Chemistry</i> , <b>2013</b> , 3, 1	7.6	9
333	Effect of Milling Time on Particle Size and Surface Morphology of Commercial Zeolite by Planetary Ball Mill. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 711-715	0.5	9
332	Optical Properties and Surface Morphology of PMMA: TiO <sub>2</sub> Nanocomposite Thin Films. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 105-109	0.5	9
331	Influence of Doping Concentration on Dielectric, Optical, and Morphological Properties of PMMA Thin Films. <i>Advances in Materials Science and Engineering</i> , <b>2012</b> , 2012, 1-4	1.5	9
330	STRUCTURAL AND MECHANICAL PROPERTIES OF POLYVINYL ALCOHOL (PVA) THIN FILM <b>2009</b> ,		9
329	Diamond-like carbon thin films grown by large-area surface-wave mode microwave plasma CVD: Effects of stage distance to microwave window. <i>Diamond and Related Materials</i> , <b>2006</b> , 15, 913-916	3.5	9
328	Structural, bonding and physical characteristics of phosphorus-doped hydrogenated amorphous carbon films grown by plasma-enhanced chemical vapor deposition. <i>Thin Solid Films</i> , <b>2005</b> , 482, 280-286	2.2	9
327	4-Methylcatechol-treated Jute-Bamboo Hybrid Composites: Effects of pH on Thermo-Mechanical and Morphological Properties. <i>BioResources</i> , <b>2016</b> , 11,	1.3	9
326	Synthesis of needle-shape ZnO-ZnS core-shell heterostructures and their optical and field emission properties. <i>Electronic Materials Letters</i> , <b>2015</b> , 11, 957-963	2.9	8
325	Controlling Vaporization Time as Effective Parameter on Purified Vertically Aligned Carbon Nanotubes Based on CVD Method. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2015</b> , 23, 1103-1107	1.8	8
324	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> , <b>2013</b> , 3, 1	7.6	8
323	An overview of Gravitational Search Algorithm utilization in optimization problems <b>2013</b> ,		8
322	Top-Down Approach: Fabrication of Silicon Nanowires using Scanning Electron Microscope based Electron Beam Lithography Method and Inductively Coupled Plasma-Reactive Ion Etching <b>2010</b> ,		8
321	Characterization of Urea versus HMTA in the Preparation of Zinc Oxide Nanostructures by Solution-Immersion Method Grown on Gold-Seeded Silicon Substrate. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 45-49	0.5	8
320	Novel Nanostructured Photocatalyst of Vanadium-Doped Silica-Titania Aerogel <b>2009</b> ,		8
319	Zinc oxide microrods prepared by sol-gel immerse technique. <i>Microelectronics International</i> , <b>2010</b> , 27, 166-169	0.8	8
318	Properties of Pulsed-Laser-Deposited CuI and Characteristics of Constructed Dye-Sensitized TiO <sub>2</sub>  Dye CuI Solid-State Photovoltaic Solar Cells. <i>Japanese Journal of Applied Physics</i> , <b>2003</b> , 42, 4966-4974	1.4	8
317	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. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, 6124-6130	1.4	8

316	Nanotubular Ta2O5 as ultraviolet (UV) photodetector. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 4953-4966	2.1	8
315	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> , <b>2018</b> , 24, 358-366	2	8
314	The effect of emitter geometry on lateral field emission diodes fabricated by AFM-based electrochemical nanolithography. <i>Journal of Solid State Electrochemistry</i> , <b>2014</b> , 18, 1695-1700	2.6	7
313	Effect of Post-Deposition Annealing Process on the Resistive Switching Behaviour of TiO2 Thin Films by Sol-Gel Method. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 125-129	0.5	7
312	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> , <b>2014</b> , 53, 075101	1.4	7
311	Characterization of Multi-Walled Carbon Nanotubes/Natural Rubber Nanocomposite by Wet Mixing Method. <i>Nano Hybrids</i> , <b>2012</b> , 1, 81-97		7
310	Effect of Annealing Temperature of Magnesium Doped Zinc Oxide Nanorods Growth on Silicon Substrate. <i>Journal of Nano Research</i> , <b>2013</b> , 26, 33-38	1	7
309	Zinc Oxide Nanorods Characteristics Prepared by Sol-Gel Immersion Method Immersed at Different Times. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 375-379	0.5	7
308	Semiconducting Properties of Nanostructured Amorphous Carbon Thin Films Incorporated with Iodine by Thermal Chemical Vapor Deposition. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 11NL02	1.4	7
307	Optimization of Gate, Runner and Sprue in Two-Plate Family Plastic Injection Mould <b>2010</b> ,		7
306	Starch-based Antimicrobial Films Incorporated with Lauric Acid and Chitosan <b>2010</b> ,		7
305	Structural and Thermal Behaviors of Iron-Filled Align Carbon Nanotubes Formulated by Two-Stage Catalytic Chemical Vapor Deposition. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 191-195	0.5	7
304	Effect of R.F Power to the Properties of ZnO Thin Films Deposited by Magnetron Sputtering. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 119-123	0.5	7
303	High Surface Area to Volume Ratio 3D Nanoporous Nb2O5 for Enhanced Humidity Sensing. <i>Journal of Electronic Materials</i> , <b>2019</b> , 48, 3805-3815	1.9	6
302	Characterization of Copper (I) Iodide (CuI) Thin Film using TMED for Dye-Sensitized Solar Cells. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 447-451	0.5	6
301	Surface Morphology of Seeded Nanostructured ZnO on Silicon by Sol-Gel Technique. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 265-271	0.5	6
300	Self-Catalyzed Thermal Chemical Vapor Deposited ZnO Nanotetrapods. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 670-674	0.5	6
299	The Effect of Growth Temperature on the Surface Properties of TiO2 Nanostructures Grown on TiO2 Templates. <i>Transactions of the Materials Research Society of Japan</i> , <b>2011</b> , 36, 273-279	0.2	6

298	Nanowire Formation Using Electron Beam Lithography <b>2009</b> ,		6
297	The Effect of Stabiliser Molarity to the Growth of ZnO Nanorods. <i>Defect and Diffusion Forum</i> , <b>2011</b> , 312-315, 99-103	0.7	6
296	Hydrothermal synthesis of nanomoss Nb <sub>2</sub> O <sub>5</sub> films and their ultraviolet photodetection performance. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 16765-16774	2.1	5
295	The Effects of Annealing Temperatures on Composition and Strain in SiGe Obtained by Melting Growth of Electrodeposited Ge on Si (100). <i>Materials</i> , <b>2014</b> , 7, 1409-1421	3.5	5
294	CVD growth of carbon nanotubes from palm oil precursor <b>2012</b> ,		5
293	Effect of solution concentration on the morphology, electrical, and optical properties of MEH-PPV thin films <b>2012</b> ,		5
292	Bonding and Mechanical Properties of PMMA/TiO <sub>2</sub> Nanocomposites. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 700-705	0.5	5
291	Raman Spectroscopy Study of Carbon Nanotubes Prepared at Different Deposition Temperature Using Camphor Oil as a Precursor. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 628-632	0.5	5
290	Simulation of Nano Sensor Based on Carbon Nanostructures in Order to Form Multifunctional Delivery Platforms. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 778-782	0.5	5
289	Influence of Cubic Structured-ZnSnO <sub>3</sub> Immersion Time to the Performance of Humidity Sensor. <i>Nano Hybrids</i> , <b>2012</b> , 2, 1-11		5
288	Electrochemical Reduction Of Carbon Dioxide Using Gas Diffusion Electrodes Loaded With Fine Catalysts <b>2009</b> ,		5
287	Electrical Properties and Surface Morphology Study on the Effect of Annealing Temperature of One Layer Titanium Dioxide Thin Films Prepared by Sol-Gel Method <b>2009</b> ,		5
286	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> , <b>2017</b> , 3, 300-307	0.8	4
285	Nanocolumnar zinc oxide as a transparent conductive oxide film for a blue InGaN-based light emitting diode. <i>Ceramics International</i> , <b>2015</b> , 41, 913-920	5.1	4
284	Electrical and Structural Properties of ZnO/TiO <sub>2</sub> Nanocomposite Thin Films by RF Magnetron Co-Sputtering. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 206-212	0.5	4
283	Effect of Multi-Wall Carbon Nanotubes on the Properties of Natural Rubber Nanocomposites. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 338-343	0.5	4
282	Thermal Stability and Decay Resistance Properties of Tropical Wood Polymer Nanocomposites (WPNC). <i>Advanced Materials Research</i> , <b>2013</b> , 667, 482-489	0.5	4
281	Photoluminescence Spectra of ZnO Thin Film Composed Nanoparticles on Silicon and Porous Silicon. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 843-847	0.5	4

280	Solid-State Dye Sensitized Solar Cells: Effect of Hole Transport Material Properties to the Photovoltaic Performance. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 317-323	0.5	4
279	Preparation and Applications of Hydrophilic Nano-Carbon Particles. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 767-772	0.5	4
278	Thermal Degradation of Nanocomposited PMMA/TiO <sub>2</sub> Nanocomposites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2013</b> , 46, 012045	0.4	4
277	Thermal and Electrical Characterization of Alumina Substrate for Microelectronic Applications <b>2010</b> ,		4
276	In vitro Study on Apical Sealing Ability of Nano-Hydroxyapatite-Filled Epoxy Resin Based Endodontic Sealer <b>2010</b> ,		4
275	Characterization of MOSFET-like Carbon Nanotube Field Effect Transistor <b>2010</b> ,		4
274	PEDOT:PSS Thin Film as Transparent Electrode in ITO-Free Organic Solar Cell. <i>Advanced Materials Research</i> , <b>2012</b> , 501, 252-256	0.5	4
273	Synthesis of TiO <sub>2</sub> Nanowires via Hydrothermal Method. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 06FG08	1.4	4
272	Effect of Reaction Temperature and Flow Rate of Precursor on Formation of Multi-Walled Carbon Nanotubes <b>2009</b> ,		4
271	The Electrical and Optical Properties of PMMA/MWCNTs Nanocomposite Thin Films <b>2009</b> ,		4
270	Conductivity and Structural Studies of Magnesium Based Solid Electrolytes <b>2009</b> ,		4
269	Al Doped ZnO Thin Film Based Ultraviolet Photo-Conductive Sensor Prepared by Sol-Gel Spin-Coating Method <b>2009</b> ,		4
268	Vertical Double Gate MOSFET For Nanoscale Device With Fully Depleted Feature <b>2009</b> ,		4
267	A Surface Morphology Study On The Effect Of Annealing Temperature To Nanostructured ZnO And Its Reaction Mechanism In Solution Method <b>2009</b> ,		4
266	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> , <b>2018</b> , 94, 22-30	2.1	4
265	Synthesis of GeSn Alloy Thin Films by Rapid Thermal Annealing of Sputtered Ge/Sn/Ge Layers on Si Substrates. <i>Materials</i> , <b>2018</b> , 11,	3.5	4
264	Hybrid organic-inorganic light emitting diode using ZnO nanorods as electron transport layer <b>2013</b> ,		3
263	Sensing capability of TiO <sub>2</sub> thin films with different thicknesses as sensing membrane of EGFET pH sensor <b>2015</b> ,		3



262	Study on thermal and biodegradation resistance of tropical wood material composites. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 128, n/a-n/a	2.9	3
261	Surface Morphology and Compositional Analysis of Undoped Amorphous Carbon Thin Films via Bias Assisted Pyrolysis-CVD. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 468-476	0.5	3
260	Structural and Optical Properties of Nanohybrid PMMA/TiO <sub>2</sub> . <i>Advanced Materials Research</i> , <b>2013</b> , 667, 63-67	0.5	3
259	Factors Affecting the Properties of Zinc Oxide Thin Films Prepared by Dip-Coating Method: A Review. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 193-199	0.5	3
258	Electrical Properties Dependence on Substrate Temperature of Sputtered ZnO Nanoparticles Thin Films on Teflon Substrates. <i>Advanced Materials Research</i> , <b>2013</b> , 795, 403-406	0.5	3
257	Overview: Zeolite as a Valuable Crystalline Inorganic Material. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 53-57	0.5	3
256	Effect of RF Power on Optimization of Titanium Dioxide Nanostructures by RF Magnetron Sputtering. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 104-109	0.5	3
255	Photovoltaic Characteristics of Hybrid MEH-PPV and TiO <sub>2</sub> Nanoparticle Based Organic Solar Cells. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 300-306	0.5	3
254	The Influence of TiO <sub>2</sub> Photoanode Morphology for Scattering Enhanced Properties of Dye-Sensitized Solar Cell. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 425-434	0.5	3
253	Effect of Molar Concentration on Electrically Resistive Lead Titanate Thin Films by Simple Sol-Gel Method. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 379-383	0.5	3
252	Molar concentration effect on MgO thin films properties <b>2011</b> ,		3
251	Synthesis of Nanostructured Carbides of Titanium and Vanadium from Metal Oxides and Ferroalloys Through High-energy Mechanical Milling and Heat Treatment <b>2010</b> ,		3
250	The Growth and Growth Mechanism of Congruent LiNbO <sub>3</sub> Single Crystals by Czochralski Method <b>2010</b> ,		3
249	Blunt Trauma Performance of Fabric Systems Utilizing Natural Rubber Coated High Strength Fabrics <b>2010</b> ,		3
248	Diamond: Synthesis, Characterisation and Applications. <i>Advanced Structured Materials</i> , <b>2010</b> , 195-217	0.6	3
247	Optical and Electrical Characteristic of Layer-by-Layer Sol-Gel Spin Coated Nanoparticles ZnO Thin Films. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 149-153	0.5	3
246	Aligned Growth of Zinc Oxide Nanorods on Catalyst-Seeded Si Substrate by Aqueous-Solution Immersion Method. <i>Defect and Diffusion Forum</i> , <b>2011</b> , 312-315, 104-109	0.7	3
245	Effect of Acid Oxidation on the Dispersion Property of Multiwalled Carbon Nanotubes <b>2009</b> ,		3

244	The Use of Multi-Walled Carbon Nanotubes as Possible Carrier in Drug Delivery System for Aspirin <b>2009</b> ,		3
243	Influence of Glacial Acetic Acid and Nitric Acid as a Chelating Agent in Sol-gel Process to the Nanostructured Titanium Dioxide Thin Films <b>2009</b> ,		3
242	Influence of post-annealing temperature on the material properties of zinc oxide nanorods. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 6419-23	1.3	3
241	Characteristics of Hydrotalcite Synthesized From A Solvothermal Method <b>2009</b> ,		3
240	Annealing Temperature Effects on Synthesis of n-TiO <sub>2</sub> /dye/p-CuI Solid-State Solar Cells. <i>Japanese Journal of Applied Physics</i> , <b>2005</b> , 44, 2560-2567	1.4	3
239	Amorphous Carbon Deposited by a Novel Aerosol-Assisted Chemical Vapor Deposition for Photovoltaic Solar Cells. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 06FD05	1.4	3
238	Plasma diagnostic by optical emission spectroscopy on reactive magnetron sputtering plasma A Brief Introduction. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1027, 012005	0.3	2
237	Nanostructures bilayer ZnO/MgO dielectrics for metal-insulator-metal capacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 4213-4220	2.1	2
236	Electroluminescence behavior of MEH-PPV based organic light emitting diode <b>2013</b> ,		2
235	Carbon Nanotubes in Cancer Treatment: A Preliminary In Vitro Study Using Neuroblastoma Cells. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 155-159	0.5	2
234	Preparation of LaPO <sub>4</sub> with Different Morphologies and Fluorescence Properties by Sol-Gel Spin-Coating Method. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 562-566	0.5	2
233	Different Surface Morphology of Annealed PVDF-TrFE Thin Films and the Effect on its Ferroelectric Properties. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 724-727	0.5	2
232	Substrate temperature dependence of nanoparticle ZnO thin films deposited on flexible substrates by RF magnetron sputtering <b>2012</b> ,		2
231	Optimization of Annealing Temperature for PVDF-TrFE (70:30 mol %) Thin Film. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 721-726	0.5	2
230	Structural and Optical Properties of ZnO/PMMA Nanocomposite. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 602-606	0.5	2
229	Review on Electroluminescence Behaviour of Organic Light Emitting Diode. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 455-459	0.5	2
228	Effect of Sputtering Pressure on Optimization of Titanium Dioxide Nanostructures Prepared by RF Magnetron Sputtering. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 452-457	0.5	2
227	ZnO Nanostructures [Nanorods and Flower-Like on Si/Au Substrates by Solution-Immersion Method in Different pH of Precursor. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 86-92	0.5	2

226	Sol-Gel Synthesis & Photoluminescence of Multiple Layer LaPO <sub>4</sub> Nanostructure Thin Films. <i>Advanced Materials Research, 2013, 667, 68-73</i>	0.5	2
225	Structural, Optical and Electrical Properties of Titanium Dioxide Thin Films with Different Molarity. <i>Advanced Materials Research, 2013, 667, 58-62</i>	0.5	2
224	Transmittance Enhanced Properties of Novel Encapsulated ITO/Arc-TiO <sub>2</sub> Antireflective TCO Substrate Prepared by RF Magnetron Sputtering. <i>Advanced Materials Research, 2013, 667, 573-582</i>	0.5	2
223	Mechanical and Morphological Properties of Tropical Wood Polymer Nanocomposite (WPNC). <i>Advanced Materials Research, 2013, 667, 200-205</i>	0.5	2
222	Effect of Annealing Temperature on TiO <sub>2</sub> Nanostructured Prepared by Sol-Gel Method. <i>Advanced Materials Research, 2013, 832, 763-766</i>	0.5	2
221	Changes in Physical and Antioxidant Properties of Nanostructured Zingiber officinale (Ginger) Rhizome as Affected by Milling Time. <i>Advanced Materials Research, 2013, 667, 144-149</i>	0.5	2
220	One-Dimensional TiO <sub>2</sub> Nanothorn-Like Structures Assisted TiO <sub>2</sub> Template for High Absorption Hydrophilic Self-Cleaning. <i>Advanced Materials Research, 2013, 686, 18-27</i>	0.5	2
219	Electrical and Structural Properties of TiO <sub>2</sub> Thin Film Prepared at Different Annealing Temperatures by Sol-Gel Spin-Coating Method. <i>Advanced Materials Research, 2013, 667, 371-374</i>	0.5	2
218	Role of Thickness towards the Optical and Electrical Properties of Photoactive Layer MEH-PPV: TiO <sub>2</sub> Nanocomposite Thin Films. <i>Advanced Materials Research, 2013, 832, 404-409</i>	0.5	2
217	Preparation and Characterizations of Nano-Hybrid TiO <sub>2</sub> /ZnO. <i>Advanced Materials Research, 2013, 832, 734-738</i>	0.5	2
216	Effect of annealing temperature on electrical and optical properties of ZnO thin films prepared by sol gel method <b>2013,</b>		2
215	Amorphous Carbon Based Solar Cell: Fabrication and Characterization <b>2010,</b>		2
214	Microstructure Characterization of Mechanically Activated Talc in Jet Mill Using XRD Line Broadening Technique <b>2010,</b>		2
213	Fabrication of Nano-Composite Surface Layers on Aluminium Employing Friction Stir Processing Technique <b>2010,</b>		2
212	The Formation of Nanocrystalline Diamond Coating on WC Deposited by Microwave Assisted Plasma CVD <b>2010,</b>		2
211	Optimization of Electrical Conductivity for Composite Bipolar Plates in PEM Fuel Cell <b>2010,</b>		2
210	Synthesis and Characterization of Lithium Ferrite LiFe <sub>5</sub> O <sub>8</sub> Powder by Sol Gel Method <b>2010,</b>		2
209	Tensile Mechanics of Bamboo Strips <b>2010,</b>		2

208	Hydrogenated Amorphous Carbon Films. <i>Advanced Structured Materials</i> , <b>2010</b> , 79-99	0.6	2
207	Effect of Oxygen Flow Rate on the Properties of Nanocolumnar ZnO Thin Films Prepared Using Radio Frequency Magnetron Sputtering System for Ultraviolet Sensor Applications. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 1-6	0.5	2
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205	Investigation on Annealed CNTs to the Electrical and Optical Properties of Nanocomposited MEH-PPV: CNTs Thin Film. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 144-148	0.5	2
204	Iodine Doping of Amorphous Carbon Thin Films Deposited by Thermal CVD. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 834-838	0.5	2
203	CdSe Thin Film by Using Spin-Coating. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 401-403	0.5	2
202	Structural and Thermal Properties of ACNT by Modified Deposition Method: Growth Time Approach. <i>Nano Hybrids</i> , <b>2012</b> , 2, 25-42		2
201	Synthesis CdS Nanocrystals in Various pH Values <b>2009</b> ,		2
200	Electrical Conductivity of Chlorophyll with Polythiophene Thin Film on Indium Tin Oxide as P-N Heterojunction Solar Cell <b>2009</b> ,		2
199	Preparation of Carbon Nanotubes by Seeded Catalyst Method with Palm Oil as Starting Material <b>2009</b> ,		2
198	The Formation of Carbon Nanofibers on Powdered Activated Carbon Impregnated with Nickel <b>2009</b> ,		2
197	Adhesion and Water Repellent Properties Of Nascent DammarSilicone Thin Film: A Bio Mimicry Approach <b>2009</b> ,		2
196	An Empirical Kinetic Approach To Study The Occurrence Of Ion-Exchange At The Aqueous Cationic Micellar Surface: Alkaline Hydrolysis Of N-Benzylphthalimide <b>2009</b> ,		2
195	Electrical Studies On Hexanoyl Chitosan-based Nanocomposite Polymer Electrolytes <b>2009</b> ,		2
194	The Effect of Synthesis Routes on the Development of Ordered Mesoporous Alumina by Precipitation Method <b>2009</b> ,		2
193	Synthesis of ZnO Nanowires on ZnO Microsheets Grown on Gold Catalyst <b>2009</b> ,		2
192	Cyclodextrin-Functionalized Carbon Nanotubes For Mixed Matrix Membrane <b>2009</b> ,		2
191	A Study on Gamma Irradiation Synthesis of Copper Nanoparticles <b>2009</b> ,		2

190	Effect of precursor concentration on the structural and optical properties of ZnO nanostructures. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2010</b> , 207, 1596-1599	1.6	2
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188	Optimization of Nano-Process Deposition Parameters Based on Gravitational Search Algorithm. <i>Computers</i> , <b>2016</b> , 5, 12	1.9	2
187	Growth of well-oriented VACNTs using thermal chemical vapor deposition method <b>2016</b> ,		2
186	Electrical properties of tin-doped zinc oxide nanostructures doped at different dopant concentrations <b>2016</b> ,		2
185	Correlation of Critical Parameters on Carbon Nanotubes Crystallinity in Chemical Vapor Deposition by Using Renewable Bioresource. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2016</b> , 16, 8263-8268	1.3	2
184	Electrical and optical characteristics of atmospheric pressure plasma needle jet driven by neon transformer <b>2017</b> ,		1
183	Physico-mechanical and decay resistance properties of chemically modified tropical wood material. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 1555-1560	2.9	1
182	Effect of Etching Time on Electrical and Optical Properties of Porous Silicon. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 397-401	0.5	1
181	Growth of ZnO Nanosturctures on Porous Silicon in Different Concentration of Zn <sup>2+</sup> Ion. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 691-694	0.5	1
180	Boron-doped amorphous carbon film grown by bias assisted pyrolysis chemical vapor deposition. <i>IEICE Electronics Express</i> , <b>2015</b> , 12, 20140937-20140937	0.5	1
179	Annealing temperature effect on the electrical characteristics and pH sensitivity of TiO <sub>2</sub> /ZnO bilayer films <b>2015</b> ,		1
178	Electrodeposited Germanium On Silicon Substrate Using A Mixture Of Germanium Tetrachloride And Propylene Glycol. <i>Jurnal Teknologi (Sciences and Engineering)</i> , <b>2014</b> , 72,	1.2	1
177	Annealing Effect on the Surface Morphology and Photoluminescence Properties of ZnO Hexagonal Rods by Immersion Method. <i>Advanced Materials Research</i> , <b>2012</b> , 576, 353-356	0.5	1
176	Low Temperature Growth and Optical Properties of Zinc Oxide Nanostructure Prepared by Two-Step Solution-Based Deposition Method. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 749-753	0.5	1
175	Preparation and Characterization of Needle-Like ZnO on TiO <sub>2</sub> Nanoparticles by Solution-Immersion Method and RF Magnetron Sputtering. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 596-601	0.5	1
174	Evaporated Ethanol as Precursor for Carbon Nanotubes Synthesis. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 322-327	0.5	1
173	Optical and Structural Properties of ZnO Nanostructures Deposited on PSi Substrates. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 359-362	0.5	1

172	Influence of Annealing Temperature to Surface Morphology of Flowerlike ZnO Deposited on Seeded Glass. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 754-758	0.5	1
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170	The Effect of Drying Methods on Physicochemical Properties of Nanostructured Zingiber officinale Rosc. (Ginger) Rhizome. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 458-463	0.5	1
169	Nanostructured Zinc Oxide Thin Film Based Humidity Sensor Prepared by Sol-Gel Immersion Technique. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 553-557	0.5	1
168	Electrical Characterization of Metal Insulator Semiconductor Using ZnO Low Deposition Temperature as Semiconductor Layer. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 270-275	0.5	1
167	Influence of Cathode Work Functions on the Photovoltaic Properties of MEH-PPV: TiO <sub>2</sub> Bulk Heterojunction Solar Cell. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 399-403	0.5	1
166	Properties of I-Doped CuI Thin Films by Chemical Vapor Deposition (CVD). <i>Advanced Materials Research</i> , <b>2013</b> , 832, 439-443	0.5	1
165	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> , <b>2013</b> , 832, 644-648	0.5	1
164	Vertically Aligned Carbon Nanotubes from Palm Oil Precursor. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 542-548	0.5	1
163	Dielectric Properties of PVDF/MgO Nanocomposites Thin Film with Various Annealing Temperatures. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 718-723	0.5	1
162	Properties of Iodine Doped Amorphous Carbon Thin Films Grown by Thermal CVD. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 294-299	0.5	1
161	Fundamentals of Two-Dimensional Crystallographic Carbon Form and its Future Directions: A Review. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 292-297	0.5	1
160	Characteristics of Humidity Sensor Fabricated Using Nanostructured ZnO Thin Film by Sol-Gel Method. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 380-383	0.5	1
159	Floating Catalyst Method for Preparation of Carbon Nanotubes Using Fe/Co/Al Catalyst by Thermal-CVD. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 525-529	0.5	1
158	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> , <b>2013</b> , 667, 507-510	0.5	1
157	Effect of Precursor Concentration in the Synthesization of ZnO Nanostructures by Solution-Immersion Method. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 501-506	0.5	1
156	Synthesis and Characterization of Carbon Nanotubes from Palm Oil by Aerosol-Assisted CVD. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 218-223	0.5	1
155	Optical Properties of Nanostructured Aluminum Doped Zinc Oxide (ZnO) Thin Film for Thin Film Transistor (TFT) Application. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 511-515	0.5	1

154	Relation of Anodisation Parameter for Nanocrystallite Size of Porous Silicon Template Studied by Micro-Raman Spectroscopy. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 324-328	0.5	1
153	Physical Properties of Nano-Structured Zinc Oxide Thin Films Deposited by Radio-Frequency Magnetron Sputtering. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 495-500	0.5	1
152	Effect of Hydrothermal Growth Temperature on the Morphology and Structural Properties of Synthesized TiO <sub>2</sub> Nanowires. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 442-446	0.5	1
151	The Structural Properties of Carbon Nanotubes Grown on Porous Silicon-Based Materials by Thermal Chemical Vapor Deposition Method. <i>Advanced Materials Research</i> , <b>2013</b> , 686, 28-32	0.5	1
150	Optical Band Gap Decrement of Nanocomposited MEH-PPV:CNTs Thin Film for Organic Solar Cells. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 260-264	0.5	1
149	Deposition of Amorphous Carbon Thin Films via Bias Assisted Pyrolysis-CVD. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 172-179	0.5	1
148	The Effects of Inoculum in Fermented Glutinous Rice for Nanotechnology Applications. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 277-280	0.5	1
147	Effect of Concentration TTIP on Size Nano-Powder Titanium Dioxide (TiO <sub>2</sub> ). <i>Advanced Materials Research</i> , <b>2013</b> , 832, 649-653	0.5	1
146	Characterization of Metal Insulator Semiconductor Capacitor with Poly(methyl methacrylate):Titanium Dioxide as Insulator. <i>Japanese Journal of Applied Physics</i> , <b>2013</b> , 52, 06GG02	1.4	1
145	Physical and Thermal Properties of Zingiber officinale Rosc. (Ginger) Rhizome Fine Particle as a Function of Grinding System. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 527-532	0.5	1
144	Effect of Immerse Duration on the Structural and Optical Properties of Zinc Oxide Nanorod. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2010</b> , 40, 333-336		1
143	Surface Study of Carbon Nanotubes Prepared by Thermal-CVD of Camphor Precursor <b>2010</b> ,		1
142	Powder Based on Nano-crystalline NiTi Produced Using High Energy Ball Milling and Subsequent Heat Treatment <b>2010</b> ,		1
141	Improvements in DC Current-Ioltage (I-V) Characteristics of n-GaN Schottky Diode using Metal Overlap Edge Termination <b>2010</b> ,		1
140	The Effects of Lithium Triflate (LiCF <sub>3</sub> SO <sub>3</sub> ) on the PMMA-based Solid Polymer Electrolytes <b>2010</b> ,		1
139	NbAl Intelligent Material Through Mechanical Alloying <b>2010</b> ,		1
138	Investigation and Preparation of High Impact Polystyrene Nanocomposites <b>2010</b> ,		1
137	Magnetic Phase Development of Iron Oxide-SiO <sub>2</sub> Aerogel and Xerogel Prepared using Rice Husk Ash as Precursor <b>2010</b> ,		1

136	Effect of Reinforcement Shape and Fiber Treatment on the Mechanical Properties of Oil Palm Empty Fruit Bunch-Polyethylene Composites <b>2010</b> ,		1
135	Mechanical Properties of Iron Aluminides Intermetallic Alloy with Molybdenum Addition <b>2010</b> ,		1
134	Chemical Properties of Carbon Nanotubes Prepared Using Camphoric Carbon by Thermal-CVD <b>2010</b> ,		1
133	Microfabrication of ZnO structures using sol-gel immerse technique <b>2010</b> ,		1
132	Influence of immerse time on the properties of zinc oxide nanostructures <b>2010</b> ,		1
131	Optimization of Fe/Ni/Mg Trimetallic Catalyst for Carbon Nanotubes Growth by Using Fluidized Floating Catalyst Method <b>2009</b> ,		1
130	Properties Of Carbon Nanotubes Produced Using Fe/Co/Al Trimetallic Catalyst In Fluidized Floating Catalyst Method <b>2009</b> ,		1
129	Carbon Nanotubes Using Palm Oil as Carbon Source in Spray Pyrolysis System <b>2009</b> ,		1
128	Growth Mechanism Of Carbon Nanotubes Prepared By Fluidized Floating Catalyst Method <b>2009</b> ,		1
127	Study on the Growth of Multi-Walled Carbon Nanotubes from Different Palm-Based Precursor <b>2009</b> ,		1
126	Effect of Annealing Process On ZnO Nanorod Prepared At Different Potentials Using Electrodeposition Technique <b>2011</b> ,		1
125	Novel Method: Coral Like Structure of Align Carbon Nanotubes (A-CNTs) on Porous Silicon Template (PSiT) without Catalyst; Green Approach. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 222-227	0.5	1
124	Titanium Dioxide Thin Films: Effect of Annealed in Oxygen Ambient. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 12-15	0.5	1
123	Solvent Effects on the Electrical and Optical Properties of Nanocomposited MEH-PPV:TiO <sub>2</sub> Films for Organic Solar Cells Application. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 86-89	0.5	1
122	Photoconductivity of Nanocomposite MEH-PPV: TiO <sub>2</sub> Thin Films. <i>Journal of Nano Research</i> , <b>2011</b> , 13, 87-92	1	1
121	Photoluminescence Properties of Porous Silicon Nanostructures (PSiNs) with Optimum Electrolyte Volume Ratio of Photo-Electrochemical Anodization. <i>Advanced Materials Research</i> , <b>2012</b> , 620, 40-44	0.5	1
120	Carbon-Based Solar Cell from Amorphous Carbon with Nitrogen Incorporation. <i>Advanced Materials Research</i> , <b>2012</b> , 576, 785-788	0.5	1
119	Synthesis And Characterization Of Zinc Oxide Nanoparticles Prepared Via Precipitation And Self-Combustion Methods <b>2009</b> ,		1



118	Influence of Annealing Temperature on the Photo-Electrical and Structural Disorder Characteristics of Nano-Structured Zinc Oxide Thin Films <b>2009</b> ,		1
117	THE EFFECT OF ZINC TO ALUMINIUM MOLAR RATIO ON THE FORMATION OF ZINC-ALUMINIUM-4-CHLOROPHOXYACETATE NANOCOMPOSITE <b>2009</b> ,		1
116	Effect of Immersion Reaction Condition on the Morphology and Optical Properties of ZnO Nanorods Grown on Porous Silicon Substrates <b>2009</b> ,		1
115	The Performance of Dammar-based Paint System Evaluated by Electrochemical Impedance Spectroscopy (EIS) and Potential Time Measurement (PTM) <b>2009</b> ,		1
114	Influence of the Metal Nitrates to Citric Acid Molar Ratio on the Processing of Nickel Zinc Ferrite Nanocrystalline Powders Synthesized by a Sol-Gel Auto Combustion Method <b>2009</b> ,		1
113	Photochemical Deposition of Semiconductor Thin Films and Their Application for Solar Cells and Gas Sensors <b>2009</b> ,		1
112	Ballistic Saturation Velocity of Quasi-2D Low-Dimensional Nanoscale Field Effect Transistor (FET) <b>2009</b> ,		1
111	Preparation and Characterisation of Chemically Grown Iron Cobalt (FeCo) Nanoparticles <b>2009</b> ,		1
110	Electrical Properties of Amorphous Carbon Thin Films Prepared from Natural Precursor of Camphor <b>2009</b> ,		1
109	Potassium Ion-Selective Field-Effect Transistor Device Response In Mixed-Ion Solutions <b>2009</b> ,		1
108	Synthesis of Well-defined Iron Nanoparticles on a Spherical Model Support <b>2009</b> ,		1
107	TRANSPARENT ZINC OXIDE THIN FILMS PREPARED BY PLD WITH DIFFERENT OXYGEN PRESSURES. <i>Surface Review and Letters</i> , <b>2007</b> , 14, 425-429	1.1	1
106	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> , <b>2020</b> , 59, SAAC08	1.4	1
105	Evaluation of the crystalline structure of Ag <sup>+</sup> -doped ZnO thin film treated with selected annealing temperatures. <i>Japanese Journal of Applied Physics</i> , <b>2020</b> , 59, SAAC12	1.4	1
104	The Deposition of Titanium Dioxide Nanostructures Layer Using One-step Solution Process and Spin-coating Technique. <i>Current Nanomaterials</i> , <b>2021</b> , 06,	1.3	1
103	Effect of varying nitrogen flow rates on the optical properties of amorphous-SiCN thin films <b>2016</b> ,		1
102	Electrical properties of undoped zinc oxide nanostructures at different annealing temperature <b>2016</b> ,		1
101	Thickness and concentration effect of P3HT in P3HT:graphene nanocomposites based bulk-heterojunction organic solar cells <b>2016</b> ,		1

100	Dynamic mechanical behavior magnetorheological nanocomposites containing CNTs: A review <b>2016</b>		1
99	Optical Properties of Multilayer Porous Silicon with Different Fabrication Conditions for Application along Telecom Band <b>2018</b> ,		1
98	Electroluminescence and Photoluminescence Properties of Porous Silicon Nanostructures with Optimum Current Density of Photo-Electrochemical Anodisation. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 180-185	0.5	0
97	Effect of Different Solvents on the Optical Properties and Surface Morphology of MEH-PPV Thin Films. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 402-406	0.5	0
96	Effect of Metal Catalyst Morphology on the Growth of Zinc Oxide Nanostructure by Thermal Vapor Deposition Method. <i>Advanced Materials Research</i> , <b>2014</b> , 925, 120-124	0.5	0
95	Humidity Sensor Using CVD Deposited SnO <sub>2</sub> Thin Film. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 415-420	0.5	0
94	Thickness Dependency on Dielectric Property of Lead Titanate Thin Film. <i>Advanced Materials Research</i> , <b>2013</b> , 832, 384-387	0.5	0
93	High Transparency Characteristics of Zinc Oxide Thin Films Annealed at Different Temperatures. <i>Advanced Materials Research</i> , <b>2013</b> , 667, 367-370	0.5	0
92	Highly Conductive Vertically Aligned Carbon Nanotubes Grown on Mg <sub>0.3</sub> Zn <sub>0.7</sub> O Thin Film Template Using Thermal Chemical Vapour Deposition Method. <i>Japanese Journal of Applied Physics</i> , <b>2011</b> , 50, 06GE02	1.4	0
91	Layer-by-Layer Nanoparticles ZnO Thin Films Prepared by Sol-Gel Method. <i>Advanced Materials Research</i> , <b>2011</b> , 403-408, 1178-1182	0.5	0
90	Rectifying Behavior of Aligned ZnO Nanorods on Mg <sub>0.3</sub> Zn <sub>0.7</sub> O Thin Film Template. <i>Advanced Materials Research</i> , <b>2011</b> , 364, 35-39	0.5	0
89	The Synthesis of VACNTs Grown on Mg <sub>x</sub> Zn <sub>1-x</sub> O (0Defect and Diffusion Forum, <b>2011</b> , 312-315, 1038-1043).	0.7	0
88	Influence of Nitrogen Gas Flow Rate on Nitrogenated Amorphous Carbon Film for Solar Cell Applications. <i>Advanced Materials Research</i> , <b>2015</b> , 1109, 138-142	0.5	
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