

Tetsuo Soga

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.

519
papers

8,053
citations

44
h-index

65
g-index

583
ext. papers

9,091
ext. citations

2.6
avg, IF

5.77
L-index

#	Paper	IF	Citations
519	Studying the linear and nonlinear optical properties of trifluoroethoxy-coated zinc phthalocyanine ((4TFEO) 4-ZnPc) thin films. <i>Optical Materials</i> , 2022 , 123, 111850	3.3	2
518	Synthesis of anatase and rutile mixed phase titanium dioxide nanoparticles using simple solution combustion method. <i>Physica B: Condensed Matter</i> , 2022 , 638, 413843	2.8	0
517	Effect of thickness on photovoltaic properties of amorphous carbon/fullerene junction. <i>AIMS Materials Science</i> , 2022 , 9, 446-454	1.9	
516	Fabrication and properties of compact (CH ₃ NH ₃) ₃ Bi ₂ I ₉ perovskite solar cell by the hot immersion method. <i>Optical Materials: X</i> , 2022 , 15, 100158	1.7	0
515	Electrochemical Impedance Spectroscopy Characterization of a Bismuth Oxyiodide (BiOI) Electrochemical Cell in Terms of Various Morphologies. <i>Journal of Electronic Materials</i> , 2021 , 50, 4058-4063	1.9	1
514	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
513	Laser-assisted doping of graphene for transparent conducting electrodes. <i>Materials Chemistry and Physics</i> , 2021 , 263, 124348	4.4	1
512	Quantum computational, linear and non-linear optical properties of spin-coated nickel (II)-tetraphenylporphyrin/FTO thin films. <i>Optik</i> , 2021 , 234, 166618	2.5	2
511	Effect of transparent conducting substrates on the structure and optical properties of tin (II) oxide (SnO) thin films: Comparative study. <i>Ceramics International</i> , 2021 , 47, 13510-13518	5.1	10
510	Synthesis of bismuth triiodide nanofibers by spin-coating at room temperature. <i>Materialia</i> , 2021 , 16, 101077	3.2	2
509	All-solution-processed environment-friendly solid-state BiOI photovoltaic cell with high-short-circuit current by successive ionic layer adsorption and reaction (SILAR). <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 18342-18350	2.1	0
508	Carbon nanotubes from waste cooking palm oil as adsorbent materials for the adsorption of heavy metal ions. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 65171-65187	5.1	4
507	A comparative study on optical properties of BiOI, Bi ₇ O ₉ I ₃ and Bi ₅ O ₇ I materials. <i>Optical Materials</i> , 2021 , 111, 110677	3.3	9
506	The utilization of waste cooking palm oil as a green carbon source for the growth of multilayer graphene. <i>Journal of the Australian Ceramic Society</i> , 2021 , 57, 347-358	1.5	1
505	Photocatalytic performance improvement by utilizing GO_MWCNTs hybrid solution on sand/ZnO/TiO ₂ -based photocatalysts to degrade methylene blue dye. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 6966-6979	5.1	5
504	Effect of Surfactants Tail Number on the PVDF/GO/TiO ₂ -Based Nanofiltration Membrane for Dye Rejection and Antifouling Performance Improvement. <i>International Journal of Environmental Research</i> , 2021 , 15, 149-161	2.9	2
503	Annealing effects on structural and photovoltaic properties of the dip-SILAR-prepared bismuth oxyhalides (BiOI, Bi ₇ O ₉ I ₃ , Bi ₅ O ₇ I) films. <i>SN Applied Sciences</i> , 2021 , 3, 1	1.8	7

502	Effects of TiO ₂ phase and nanostructures as photoanode on the performance of dye-sensitized solar cells. <i>Bulletin of Materials Science</i> , 2021 , 44, 1	1.7	1
501	A novel modest synthesis of device applicable flakes based stable BiOI film by the oxidation of BiI ₃ film. <i>Journal of Alloys and Compounds</i> , 2021 , 873, 159715	5.7	1
500	Compact continuous BiOI film for solid-state solar cell via faster lifting speed of the dip-SILAR technique at room temperature. <i>Materials Science in Semiconductor Processing</i> , 2021 , 130, 105808	4.3	3
499	A novel approach towards compact and improved-crystallinity methylammonium bismuth iodide film via hot immersion method. <i>Materials Letters: X</i> , 2021 , 12, 100096	0.5	0
498	Functionalized graphene-based nanocomposites for smart optoelectronic applications. <i>Nanotechnology Reviews</i> , 2021 , 10, 605-635	6.3	7
497	The Potential of Leaves Extract in Fabrication of Dense and Uniform ZnO Microrods. <i>Micromachines</i> , 2020 , 11,	3.3	3
496	Role of Platinum Octaethylporphyrin(PtOEP) in PCPDTBT: PCBM solar cell performance. <i>Journal of Molecular Structure</i> , 2020 , 1202, 127303	3.4	2
495	Solution growth of highly crystalline and dense-packed ZnO nanorods on a TiO ₂ seed layer with enhanced absorbance properties. <i>Japanese Journal of Applied Physics</i> , 2020 , 59, SAAC10	1.4	2
494	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
493	A simple spin-assisted SILAR of bismuth oxyiodide films preparation for photovoltaic application. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	11
492	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
491	TiO ₂ /Bi ₅ O ₇ I Composite Films for Dye-Sensitized Solar Cells. <i>Journal of Electronic Materials</i> , 2020 , 49, 1827-1834	1.9	4
490	Effect of voltage applied for graphene oxide/latex nanocomposites produced via electrochemical exfoliation and its application as conductive electrodes. <i>Diamond and Related Materials</i> , 2020 , 101, 107624	3.5	13
489	Low-temperature exfoliated graphene oxide incorporated with different types of natural rubber latex: Electrical and morphological properties and its capacitance performance. <i>Ceramics International</i> , 2020 , 46, 5610-5622	5.1	2
488	Synthesis, structure, and optical properties of the nanocrystalline bismuth oxyiodide (BiOI) for optoelectronic application. <i>Optical Materials</i> , 2020 , 109, 110413	3.3	15
487	Synthesis, transfer and application of graphene as a transparent conductive film: a review. <i>Bulletin of Materials Science</i> , 2020 , 43, 1	1.7	10
486	Macroscale synthesis of CuO nanowires on FTO plane substrate. <i>Modern Physics Letters B</i> , 2019 , 33, 1950188	1.8	1
485	Direct existence to suggest activity of copper ions surface diffusion on nanowire in growth process. <i>Modern Physics Letters B</i> , 2019 , 33, 1950249	1.6	1

484	Silicon Nanowire Heterojunction Solar Cells with an AlO ₃ Passivation Film Fabricated by Atomic Layer Deposition. <i>Nanoscale Research Letters</i> , 2019 , 14, 99	5	6
483	Relevance of precursor molarity in the prepared bismuth oxyiodide films by successive ionic layer adsorption and reaction for solar cell application. <i>Journal of Science: Advanced Materials and Devices</i> , 2019 , 4, 116-124	4.2	13
482	Fabrication of a Silicon Nanowire Solar Cell on a Silicon-on-Insulator Substrate. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 818	2.6	2
481	Improved photovoltaic properties of amorphous carbon/fullerene junction by nitrogen doping. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 6628-6632	2.1	1
480	Study of Annealing Temperature Effect on the Photovoltaic Performance of BiOI-Based Materials. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3342	2.6	13
479	Direct Synthesis of Large-Area Graphene on Insulating Substrates at Low Temperature using Microwave Plasma CVD. <i>ACS Omega</i> , 2019 , 4, 11263-11270	3.9	14
478	Angle dependence of synthesized BiOI prepared by dip coating and its effect on the photovoltaic performance. <i>Japanese Journal of Applied Physics</i> , 2019 , 58, SAAD09	1.4	11
477	Role of polyethylene glycol addition on the improvement of P3HT:PCBM organic solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 3332-3337	2.1	3
476	NMR spectroscopic, linear and non-linear optical properties of 1,3-benzothiazol-2-yl-(phenylhydrazono)acetonitrile (BTPA) azo dye. <i>Journal of Molecular Structure</i> , 2019 , 1179, 315-324	3.4	10
475	Effect of buffer layer structure on the structural properties of GaAs epitaxial layers grown on GaP substrates. <i>Journal of Crystal Growth</i> , 2019 , 507, 288-294	1.6	3
474	Performances and impedance spectroscopy of Small-molecule bulk heterojunction solar cells based on PtOEP: PCBM. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	5
473	The efficiency of ZnO/platinum octaethylporphyrin (PtOEP) nanocomposite photoanode at dye-sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 14232-14238	2.1	5
472	The synthesis of graphene from palm oil at different annealing time of nickel substrate via thermal chemical vapor deposition 2018 ,		3
471	Towards high performance perovskite solar cells: A review of morphological control and HTM development. <i>Applied Materials Today</i> , 2018 , 13, 69-82	6.6	33
470	On the electrical characterization of platinum octaethylporphyrin (PtOEP)/Si hybrid device. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	5
469	Arsenic Removal Using Multiwall Carbon Nanotube 2018 ,		1
468	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
467	Synthesis of Titanium Dioxide Nanoparticles with Desired Ratio of Anatase and Rutile Phases and the Effect of High Temperature Annealing. <i>Transactions of the Materials Research Society of Japan</i> , 2018 , 43, 255-261	0.2	3

466	The synthesis of graphene at different deposition time from palm oil via thermal chemical vapor deposition 2018 ,		4
465	Nickel tetraphenylporphyrin doping into ZnO nanoparticles for flexible dye-sensitized solar cell application. <i>Japanese Journal of Applied Physics</i> , 2017 , 56, 04CS05	1.4	6
464	Coating of green-synthesized silver nanoparticles on cotton fabric 2017 , 14, 735-745		27
463	Rare Earth Doped Zinc Oxide Nanophosphor Powder: A Future Material for Solid State Lighting and Solar Cells. <i>ACS Photonics</i> , 2017 , 4, 2613-2637	6.3	131
462	Nanoscale observation of organic thin film by atomic force microscopy. <i>Japanese Journal of Applied Physics</i> , 2017 , 56, 08LB08	1.4	1
461	Efficiency improvement in dye sensitized solar cells by the plasmonic effect of green synthesized silver nanoparticles. <i>Journal of Science: Advanced Materials and Devices</i> , 2017 , 2, 418-424	4.2	25
460	Compression of ZnO nanoparticle films at elevated temperature for flexible dye-sensitized solar cells. <i>Journal of Alloys and Compounds</i> , 2016 , 656, 476-480	5.7	14
459	Parametric study of waste chicken fat catalytic chemical vapour deposition for controlled synthesis of vertically aligned carbon nanotubes. <i>Cogent Physics</i> , 2016 , 3,	3.5	3
458	Performance analysis of electrophorically deposited ZnO-based dye-sensitized solar cells prepared using compression at elevated temperature along with postannealing. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 01AA16	1.4	2
457	Alternating current characterization of nano-Pt(II) octaethylporphyrin (PtOEP) thin film as a new organic semiconductor. <i>Chinese Physics B</i> , 2016 , 25, 067201	1.2	16
456	Controlled Cu nanoparticle growth on wrinkle affecting deposition of large scale graphene. <i>Journal of Crystal Growth</i> , 2016 , 449, 156-162	1.6	1
455	Effects of reduction temperature on copper nanowires growth by thermal reduction of copper oxide nanowires. <i>Modern Physics Letters B</i> , 2016 , 30, 1650193	1.6	2
454	Fabrication of Fe ₂ O ₃ nanoflakes-based electrochemical solar cells prepared by facile thermal oxidation. <i>Modern Physics Letters B</i> , 2016 , 30, 1650192	1.6	
453	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, 01AE13	1.4	18
452	Mesopore-structured anatase-TiO ₂ thin films for the electron transport layer in inverted-type polymer solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 221-225	2.1	
451	Effects of nanostructures on iron oxide based dye sensitized solar cells fabricated on iron foils. <i>Materials Research Bulletin</i> , 2016 , 77, 126-130	5.1	11
450	EFFECT OF PRE-ANNEALING TEMPERATURE ON THE GROWTH OF ALIGNED Fe ₂ O ₃ NANOWIRES VIA A TWO-STEP THERMAL OXIDATION. <i>Surface Review and Letters</i> , 2016 , 23, 1650027	1.1	
449	Structural and optical properties of nanocrystalline platinum octaethylporphyrin (PtOEP) thin films. <i>Journal of Alloys and Compounds</i> , 2016 , 655, 415-422	5.7	33

448	Fabrication of vertically aligned carbon nanotubes/zinc oxide nanocomposites and their field electron emission enhancement. <i>Materials and Design</i> , 2016 , 90, 185-195	8.1	17
447	ZnO nanoparticles with different concentrations inside organic solar cell active layer. <i>Advances in Energy Research</i> , 2016 , 4, 275-284		2
446	Effects of compression at elevated temperature for electrophorically deposited TiO ₂ -based dye-sensitized solar cell. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 01AE13	1.4	2
445	Structural and optical properties of graphene from green carbon source via thermal chemical vapor deposition. <i>Journal of Materials Research</i> , 2016 , 31, 1947-1956	2.5	23
444	Hot-compress: A new postdeposition treatment for ZnO-based flexible dye-sensitized solar cells. <i>Materials Research Bulletin</i> , 2016 , 80, 135-138	5.1	9
443	Improvement of organic solar cells using aluminium microstructures prepared in PEDOT:PSS buffer layer by using ultrasonic ablation technique. <i>Thin Solid Films</i> , 2016 , 616, 73-79	2.2	11
442	Study on transfer-free graphene synthesis process utilizing spontaneous agglomeration of catalytic Ni and Co metals. <i>Materials Research Express</i> , 2015 , 2, 015602	1.7	10
441	Synthesis of thiolated few-layered graphene by thermal chemical vapor deposition using solid precursor. <i>Materials Letters</i> , 2015 , 159, 114-117	3.3	4
440	Effect of Fe-doping on the structural, morphological and optical properties of ZnO nanoparticles synthesized by solution combustion process. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015 , 71, 109-116	3	30
439	Large scale bi-layer graphene by suppression of nucleation from a solid precursor. <i>RSC Advances</i> , 2015 , 5, 42645-42652	3.7	6
438	Influence of annealing temperature on structural and optical properties of nanocrystalline Platinum octaethylporphyrin (PtOEP) thin films. <i>Optical Materials</i> , 2015 , 49, 271-278	3.3	49
437	Synthesis of high-density aligned Fe ₂ O ₃ nanowires via two-step thermal oxidation. <i>International Journal of Materials Research</i> , 2015 , 106, 1291-1293	0.5	1
436	Transfer-free graphene synthesis on sapphire by catalyst metal agglomeration technique and demonstration of top-gate field-effect transistors. <i>Applied Physics Letters</i> , 2015 , 107, 073102	3.4	11
435	Ultrasonic ablation as a novel technique for producing pure aluminium nanoparticles dispersed in different liquids for different applications. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 075002	1.4	3
434	Single Phase CuO Thin Films Prepared by Thermal Oxidation in Air with Water Vapor. <i>Advanced Materials Research</i> , 2015 , 1109, 544-548	0.5	2
433	Synthesis, structural, and field electron emission properties of quasi-aligned carbon nanotubes from gutter oil. <i>Materials Chemistry and Physics</i> , 2015 , 165, 1-7	4.4	8
432	Structural and photoluminescence studies of TiO ₂ nanoparticles synthesized by solution combustion method 2015 ,		2
431	Synthesis of carbon nanofibres from waste chicken fat for field electron emission applications. <i>Materials Research Bulletin</i> , 2015 , 70, 524-529	5.1	15

430	Metamorphosis of strain/stress on optical band gap energy of ZAO thin films via manipulation of thermal annealing process. <i>Journal of Luminescence</i> , 2015 , 160, 165-175	3.8	21
429	Qualitative and quantitative analysis of intercalated and exfoliated silicate layers in asymmetric polyethersulfone/cloisite15A□ mixed matrix membrane for CO ₂ /CH ₄ separation. <i>Chemical Engineering Journal</i> , 2015 , 268, 371-383	14.7	22
428	Catalyst-Free Synthesis of Zinc Oxide Nanowires by Thermal Oxidation of Zinc Film. <i>Transactions of the Materials Research Society of Japan</i> , 2015 , 40, 11-13	0.2	
427	Synthesis of iron oxide nanoflakes at lower temperature by air oxidation of iron foils. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 11RE04	1.4	2
426	Structural, morphological and optical studies of Ag-doped ZnO nanoparticles synthesized by simple solution combustion method. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 11RF01	1.4	16
425	Synthesis of Iron Oxide Nanoparticles by Using Eucalyptus Globulus Plant Extract. <i>E-Journal of Surface Science and Nanotechnology</i> , 2014 , 12, 363-367	0.7	46
424	Mn-Doped ZnO Nanoparticles Prepared by Solution Combustion Method. <i>E-Journal of Surface Science and Nanotechnology</i> , 2014 , 12, 283-288	0.7	8
423	Structural and Photoluminescence Studies of Ni-doped ZnO Nanoparticles Synthesized by Solution Combustion Method. <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1584, 1		3
422	Structural and optical studies of pure and Ni-doped ZnO nanoparticles synthesized by simple solution combustion method. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 05FB16	1.4	21
421	Synthesis of nitrogen-doped graphene by the thermal chemical vapor deposition method from a single liquid precursor. <i>Materials Letters</i> , 2014 , 117, 199-203	3.3	16
420	Effect of solvent annealing on the crystallinity of spray coated ternary blend films prepared using low boiling point solvents. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014 , 79, 48-55	3.7	12
419	Graphene synthesis by thermal chemical vapor deposition using solid precursor. <i>Journal of Materials Science: Materials in Electronics</i> , 2013 , 24, 2151-2155	2.1	12
418	Transfer-free graphene synthesis on insulating substrates via agglomeration phenomena of catalytic nickel films. <i>Applied Physics Letters</i> , 2013 , 103, 082112	3.4	28
417	Bulk ZnO nanorod assemblies fabricated by spin coating of organo-precursor gels on CuO nanowires. <i>Materials Science-Poland</i> , 2013 , 31, 397-403	0.6	
416	Nitrogen-doped carbon nanotubes synthesized on metal substrates from a single precursor. <i>Materials Letters</i> , 2013 , 113, 114-117	3.3	5
415	Effects of H ₂ gas addition into process and H ion implantation on the microstructure of hydrogenated amorphous carbon films prepared by bipolar-type plasma based ion implantation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 307, 328-332	1.2	1
414	Photovoltaic properties of an amorphous carbon/fullerene junction. <i>Carbon</i> , 2013 , 60, 1-4	10.4	7
413	Raman Spectra and Magnetic Property Analysis of Nd-Doped ZnO Thin Films. <i>Japanese Journal of Applied Physics</i> , 2013 , 52, 01AC14	1.4	2

412	Synthesis of cupric oxide nanowires on spherical surface by thermal oxidation method. <i>Materials Letters</i> , 2013 , 96, 192-194	3.3	13
411	Growth of High-Quality (111) Oriented Cuprous Oxide Thin Films Oxidized in Water Vapor. <i>Advanced Materials Research</i> , 2013 , 832, 138-142	0.5	
410	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
409	Phthalocyanine with Trifluoroethoxy Substituents for Organic Solar Cells. <i>Japanese Journal of Applied Physics</i> , 2013 , 52, 05DA07	1.4	5
408	Malaysian Palm Oil For Carbon Nanotubes Preparation. <i>Advanced Materials Research</i> , 2013 , 667, 343-348	0.5	
407	CARBON PRECURSOR DEPENDENCE OF CARBON NANOFIBERS SYNTHESIZED BY CATALYST-FREE ULTRASONIC SPRAY-PYROLYSIS METHOD. <i>Modern Physics Letters B</i> , 2013 , 27, 1350213	1.6	
406	SYNTHESIS OF ALIGNED COPPER OXIDE NANOWIRES ON FLUORINE-DOPED TIN OXIDE GLASS SUBSTRATE. <i>Modern Physics Letters B</i> , 2013 , 27, 1350227	1.6	1
405	SYNTHESIS OF ZINC OXIDE THIN FILM WITH THREAD-LIKE NANOWIRES ON FLUORINE DOPED TIN OXIDE GLASS SUBSTRATES. <i>Modern Physics Letters B</i> , 2013 , 27, 1350237	1.6	
404	Low-temperature Fabrication of Dye-sensitized Solar Cells on Plastic Films by Hot-pressing Method. <i>Chemistry Letters</i> , 2013 , 42, 1263-1264	1.7	4
403	Catalyst-free synthesis of carbon nanofibers by ultrasonic spray pyrolysis of ethanol. <i>Materials Letters</i> , 2012 , 68, 240-242	3.3	8
402	Synthesis of graphenes on Ni foils by chemical vapor deposition of alcohol with IR-lamp heating. <i>Materials Letters</i> , 2012 , 79, 21-24	3.3	6
401	Thin cuprous oxide films prepared by thermal oxidation of copper foils with water vapor. <i>Thin Solid Films</i> , 2012 , 520, 2679-2682	2.2	28
400	Adsorption of arsenic (III) on multiwall carbon nanotube 2012 ,		1
399	Transparent conductive thin films of single-wall carbon nanotubes encapsulating dopant molecules. <i>Applied Physics Letters</i> , 2012 , 100, 063121	3.4	2
398	Similar Device Architectures for Inverted Organic Solar Cell and Laminated Solid-State Dye-Sensitized Solar Cells. <i>ISRN Electronics</i> , 2012 , 2012, 1-10		5
397	ZnO based quantum dot sensitized solar cell using CdS quantum dots. <i>Journal of Renewable and Sustainable Energy</i> , 2012 , 4, 013110	2.5	36
396	Synthesis of Core-Shell Si/Carbon Nanofibers on Silicon Substrates by Ultrasonic Spray Pyrolysis. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-5	3.2	1
395	Synthesis of High-Density Vertically Aligned Carbon Nanotubes Using Ultrasonic Nebulizer. <i>Materials Sciences and Applications</i> , 2012 , 03, 213-217	0.3	1

394	Optical and Electrical Properties of Nitrogen-Doped Diamond-Like Carbon Films Prepared by a Bipolar-Type Plasma-Based Ion Implantation. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 01AC04	1.4	5
393	Fundamental Study on Organic Solar Cells Based on Soluble Zinc Phthalocyanine. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 04DK09	1.4	5
392	Optical and Electrical Properties of Nitrogen-Doped Diamond-Like Carbon Films Prepared by a Bipolar-Type Plasma-Based Ion Implantation. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 01AC04	1.4	4
391	Fundamental Study on Organic Solar Cells Based on Soluble Zinc Phthalocyanine. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 04DK09	1.4	6
390	Synthesis and Donor-Acceptor Properties of Polyfluorene Derivatives Containing a Phenazasiline Moiety and an Electron Acceptor. <i>Heterocycles</i> , 2011 , 83, 1977	0.8	8
389	Investigation of Annealing and Blend Concentration Effects of Organic Solar Cells Composed of Small Organic Dye and Fullerene Derivative. <i>Advances in OptoElectronics</i> , 2011 , 2011, 1-10	0.5	1
388	Features in optical absorption and photocurrent spectra of organic solar cells due to organic/organic interface. <i>Journal of Applied Physics</i> , 2011 , 109, 103109	2.5	6
387	Intrinsic ferromagnetism in nanocrystalline Mn-doped ZnO depending on Mn concentration. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 3399-404	1.3	0
386	Gas separation properties of functionalized carbon nanotubes mixed matrix membranes. <i>Separation and Purification Technology</i> , 2011 , 78, 208-213	8.3	118
385	The Synthesis of Highly Aligned Cupric Oxide Nanowires by Heating Copper Foil. <i>Journal of Nanomaterials</i> , 2011 , 2011, 1-8	3.2	13
384	Low substrate temperature synthesis of carbon nanowalls by ultrasonic spray pyrolysis. <i>Thin Solid Films</i> , 2011 , 519, 4162-4165	2.2	7
383	POLY(3, 4-ETHYLENEDIOXYTHIOPHENE): POLY(STYRENESULFONATE)/SINGLE-WALL CARBON NANOTUBE COMPOSITE FILM FOR THE HOLE TRANSPORT LAYER IN POLYMER SOLAR CELLS. <i>Nano</i> , 2011 , 06, 583-588	1.1	3
382	Improvement in Field Electron Emission Performance of Natural-Precursor-Grown Carbon Nanofibers by Thermal Annealing in Argon Atmosphere. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 01AF09	1.4	2
381	Simultaneous Formation of Both Single- and Multi-Wall Carbon Nanotubes by Ultrasonic Spray Pyrolysis. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 020213	1.4	2
380	Carbon Nanotubes Based Mixed Matrix Membrane for Gas Separation. <i>Advanced Materials Research</i> , 2011 , 364, 272-277	0.5	4
379	Improvement in Field Electron Emission Performance of Natural-Precursor-Grown Carbon Nanofibers by Thermal Annealing in Argon Atmosphere. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 01AF09	1.4	1
378	Simultaneous Formation of Both Single- and Multi-Wall Carbon Nanotubes by Ultrasonic Spray Pyrolysis. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 020213	1.4	
377	Poly[(3-hexylthiophene)-block-(3-semifluoroalkylthiophene)] for polymer solar cells. <i>International Journal of Molecular Sciences</i> , 2010 , 11, 5027-39	6.3	9

376	PREPARATION AND CHARACTERISTICS OF FUNCTIONALIZED MULTIWALLED CARBON NANOTUBES IN POLYIMIDE MIXED MATRIX MEMBRANE. <i>Nano</i> , 2010 , 05, 195-202	1.1	5
375	Photovoltaic Properties of Bulk Heterojunction Organic Solar Cell Composed of Coumarin 6 Dye as Light Harvester and Donor Material. <i>Japanese Journal of Applied Physics</i> , 2010 , 49, 052301	1.4	9
374	Magnetic Anisotropy of Ni-Doped ZnO Nanocrystalline Thin Films. <i>Japanese Journal of Applied Physics</i> , 2010 , 49, 06GJ02	1.4	3
373	Carbon Nanotubes Towards Polymer Solar Cell. <i>Advanced Structured Materials</i> , 2010 , 101-123	0.6	3
372	Improved open circuit voltage of the photovoltaic device using ferrocene as a donor material. <i>Synthetic Metals</i> , 2010 , 160, 779-782	3.6	4
371	Intrinsic ferromagnetism and magnetic anisotropy in Gd-doped ZnO thin films synthesized by pulsed spray pyrolysis method. <i>Journal of Applied Physics</i> , 2010 , 108, 053904	2.5	81
370	Magnetic anisotropy in nanocrystalline Co-doped ZnO thin films. <i>Chemical Physics Letters</i> , 2010 , 487, 97-100	2.5	27
369	The contribution of coumarin 6 in light harvesting and photocurrent of P3HT:PCBM bulk heterojunction solar cell. <i>Solar Energy Materials and Solar Cells</i> , 2010 , 94, 1406-1411	6.4	22
368	Synthesis of carbon nanofibers using C60, graphite and boron. <i>Materials Letters</i> , 2010 , 64, 1243-1246	3.3	7
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58	Effect of InGaAs/InP strained layer superlattice in InP-on-Si. <i>Journal of Crystal Growth</i> , 1991 , 115, 154-157	1.6	14
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