# Ramin Yousefi

## 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.

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|---|---|---|---|
| 140 papers | 5,829 citations | 38 h-index | 72 g-index |
| 147 ext. papers | 6,597 ext. citations | 4 avg, IF | 6.38 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 140 | Nanoarchitectonics of SnSe with the impacts of ultrasonic powers and ultraviolet radiations on physical and optoelectronic properties. *Advanced Powder Technology*, **2022**, 33, 103517 | 4.6 | 0 |
| 139 | Enhanced visible-light photovoltaic and photocatalytic performances of SnSe1-xSx nanostructures. *Surfaces and Interfaces*, **2022**, 30, 101916 | 4.1 | 0 |
| 138 | PAni-based complementary resistive switches: the effects of Ag on physical properties and switching mechanism. *Applied Physics A: Materials Science and Processing*, **2021**, 127, 1 | 2.6 | 2 |
| 137 | Nanostructured FeS2 films: Influence of effective parameters on electrochemical deposition and characterization of physical properties. *Ceramics International*, **2021**, 47, 21969-21969 | 5.1 | 3 |
| 136 | Correlation of Physical Features and the Photovoltaic Performance of P3HT:PCBM Solar Cells by Cu-Doped SnS Nanoparticles. *Journal of Physical Chemistry C*, **2021**, 125, 15841-15852 | 3.8 | 2 |
| 135 | Comparison of the photocatalytic performance of S-SnSe/GO and SnSe/S-GO nanocomposites for dye photodegradation. *Materials Research Bulletin*, **2021**, 135, 111127 | 5.1 | 7 |
| 134 | The effects of S-doping concentration on the photocatalytic performance of SnSe/S-GO nanocomposites. *Advanced Powder Technology*, **2021**, 32, 346-357 | 4.6 | 12 |
| 133 | Electrodeposition of nanostructured FeS2 films: The effect of Sn concentrations on the optoelectronic performance. *Solid State Sciences*, **2021**, 120, 106722 | 3.4 | 1 |
| 132 | Effect of ultrasonic irradiation time on the physical and optoelectronic properties of SnSe nanorods. *Surfaces and Interfaces*, **2021**, 27, 101433 | 4.1 | |
| 131 | Role of non-stoichiometric defects in optical properties of metal-selenide nanostructures. *Journal of Luminescence*, **2020**, 223, 117211 | 3.8 | 4 |
| 130 | Tuning the size of PbSe nanocubes for solar-cell applications. *Materials Letters*, **2020**, 268, 127590 | 3.3 | 5 |
| 129 | Synthesis and characterization of type-II p(CuxSey)/n(g-C3N4) heterojunction with enhanced visible-light photocatalytic performance for degradation of dye pollutants. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 595, 124656 | 5.1 | 24 |
| 128 | Enhanced solar cell performance of P3HT:PCBM by SnS nanoparticles. *Solar Energy*, **2020**, 199, 872-884 | 6.8 | 13 |
| 127 | An electrochemical sensor based on Pt/g-C3N4/polyaniline nanocomposite for detection of Hg2+. *Advanced Powder Technology*, **2020**, 31, 3372-3380 | 4.6 | 11 |
| 126 | The role of the Se-rich and Se-poor conditions in the photocatalytic performance of ZnSe/rGO nanocomposites. *Applied Surface Science*, **2020**, 513, 145819 | 6.7 | 13 |
| 125 | Type-II p(SnSe)-n(g-C3N4) heterostructure as a fast visible-light photocatalytic material: Boosted by an efficient interfacial charge transfer of p-n heterojunction. *Journal of Alloys and Compounds*, **2020**, 829, 154436 | 5.7 | 24 |
| 124 | Simultaneous protonation/deprotonation mechanism in polyaniline-based devices as complementary resistive switches. *Organic Electronics*, **2020**, 79, 105628 | 3.5 | 6 |

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| 123 | Nanosensors for gas sensing applications **2020**, 107-130 | | 4 |
| 122 | Cheap Nano-Adsorbents Based on Zno/Mineral Nanocomposites for Removal of Chloroform from Water Solution. *Jundishapur Journal of Health Sciences*, **2020**, 12, | 0.5 | 1 |
| 121 | Graphene-Metal-Organic Framework Modified Gas Sensor. *Materials Horizons*, **2020**, 117-142 | 0.6 | 0 |
| 120 | Tuning crystal phase and morphology of copper selenide nanostructures and their visible-light photocatalytic applications to degrade organic pollutants. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 586, 124196 | 5.1 | 12 |
| 119 | The Role of Ag/Al Electrodes in the Improvement of PEDOT:PSS/P3HT:PCBM Solar Cells Performance. *IEEE Journal of Photovoltaics*, **2020**, 10, 1346-1352 | 3.7 | 2 |
| 118 | Optoelectronic properties of Zn-doped Cu3Se2 nanosheets for photovoltaic application. *Ceramics International*, **2020**, 46, 21978-21988 | 5.1 | 5 |
| 117 | Electrodeposition of In-doped SnSe nanoparticles films: Correlation of physical characteristics with solar cell performance. *Solid State Sciences*, **2020**, 108, 106388 | 3.4 | 8 |
| 116 | Heavy metal removal by using ZnO/organic and ZnO/inorganic nanocomposite heterostructures. *International Journal of Environmental Analytical Chemistry*, **2020**, 100, 702-719 | 1.8 | 11 |
| 115 | High performance of methanol gas sensing of ZnO/PAni nanocomposites synthesized under different magnetic field. *Journal of Alloys and Compounds*, **2019**, 802, 335-344 | 5.7 | 21 |
| 114 | Study on the effects of the magneto assisted deposition on ammonia gas sensing properties of polyaniline. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 10765-10775 | 2.1 | 6 |
| 113 | Improvement of visible-near-infrared (NIR) broad spectral photocurrent application of PbSe mesostructures using tuning the morphology and optical properties. *Materials Research Express*, **2019**, 6, 095016 | 1.7 | 4 |
| 112 | Improvement visible-light photocatalytic performance of single-crystalline SnSe1□x NPs toward degradation of organic pollutants. *Solid State Sciences*, **2019**, 98, 106044 | 3.4 | 9 |
| 111 | High acetic acid sensing performance of Mg-doped ZnO/rGO nanocomposites. *Ceramics International*, **2019**, 45, 7034-7043 | 5.1 | 24 |
| 110 | Impact of rGO on photocatalytic performance of Cd-doped ZnO nanostructures synthesized via a simple aqueous co-precipitation route. *Materials Research Express*, **2019**, 6, 025051 | 1.7 | 11 |
| 109 | Ultrasound-assisted electrodeposition of Cu3Se2 nanosheets and efficient solar cell performance. *Journal of Alloys and Compounds*, **2019**, 780, 626-633 | 5.7 | 23 |
| 108 | Microwave-assisted solvothermal synthesis and physical properties of Zn-doped MnS nanoparticles. *Solid State Sciences*, **2019**, 93, 31-36 | 3.4 | 16 |
| 107 | L-Glutamine-assisted synthesis of ZnO oatmeal-like/silver composites as an electrochemical sensor for Pb detection. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 517-526 | 4.4 | 5 |
| 106 | Improving the intrinsic properties of rGO sheets by S-doping and the effects of rGO improvements on the photocatalytic performance of Cu3Se2/rGO nanocomposites. *Applied Surface Science*, **2019**, 466, 401-410 | 6.7 | 42 |

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| 105 | Ultrasonic synthesis of In-doped SnS nanoparticles and their physical properties. *Solid State Sciences*, **2018**, 79, 30-37 | 3.4 | 36 |
| 104 | High performance of visible-NIR broad spectral photocurrent application of monodisperse PbSe nanocubes decorated on rGO sheets. *Journal of Applied Physics*, **2018**, 123, 083102 | 2.5 | 21 |
| 103 | Electrochemically synthesis and optoelectronic properties of Pb- and Zn-doped nanostructured SnSe films. *Applied Surface Science*, **2018**, 443, 345-353 | 6.7 | 28 |
| 102 | Investigation of the optoelectronic behavior of Pb-doped CdO nanostructures. *Applied Nanoscience (Switzerland)*, **2018**, 8, 937-948 | 3.3 | 5 |
| 101 | Highly enhanced photocatalytic performance of Zn(1−x)MgxO/rGO nanostars under sunlight irradiation synthesized by one-pot refluxing method. *Advanced Powder Technology*, **2018**, 29, 78-85 | 4.6 | 35 |
| 100 | Pb-doped Cu3Se2 nanosheets: Electrochemical synthesis, structural features and optoelectronic properties. *Solar Energy*, **2018**, 171, 508-518 | 6.8 | 24 |
| 99 | Acetic acid sensing of Mg-doped ZnO thin films fabricated by the sol–gel method. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 14679-14688 | 2.1 | 22 |
| 98 | Microwave-assisted solvothermal synthesis and optoelectronic properties of α-MnS nanoparticles. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 10976-10985 | 2.1 | 17 |
| 97 | Effect of thickness on the optoelectronic properties of electrodeposited nanostructured SnS films. *Optical and Quantum Electronics*, **2018**, 50, 1 | 2.4 | 16 |
| 96 | The effect of defect emissions on enhancement photocatalytic performance of ZnSe QDs and ZnSe/rGO nanocomposites. *Applied Surface Science*, **2018**, 435, 886-893 | 6.7 | 72 |
| 95 | Experimental and Theoretical Study of Enhanced Photocatalytic Activity of Mg-Doped ZnO NPs and ZnO/rGO Nanocomposites. *Chemistry - an Asian Journal*, **2018**, 13, 194-203 | 4.5 | 67 |
| 94 | Zn-doped PbO nanoparticles (NPs)/fluorine-doped tin oxide (FTO) as photoanode for enhancement of visible-near-infrared (NIR) broad spectral photocurrent application of narrow bandgap nanostructures: SnSe NPs as a case study. *Journal of Applied Physics*, **2018**, 124, 123101 | 2.5 | 10 |
| 93 | The capability of SnTe QDs as QDSCs working in the visible–NIR region and the effects of Eu-doping on improvement of solar cell parameters. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 18989-18996 | 2.1 | 13 |
| 92 | Semiconductor/Graphene Nanocomposites: Synthesis, Characterization, and Applications **2018**, 23-43 | | 3 |
| 91 | Enhanced photocatalytic performance of ZnSe/PANI nanocomposites for degradation of organic and inorganic pollutants. *Applied Surface Science*, **2018**, 462, 730-738 | 6.7 | 50 |
| 90 | Controlled morphology of ZnSe nanostructures by varying Zn/Se molar ratio: the effects of different morphologies on optical properties and photocatalytic performance. *CrystEngComm*, **2018**, 20, 4590-4599 | 3.3 | 21 |
| 89 | The effects of Sn:Te ratio on optical properties of SnTe NPs. *Journal of Luminescence*, **2018**, 203, 481-485 | 3.8 | 5 |
| 88 | Photovoltaic and photodetector performance of metal telluride nanowires grown by a simple CVD method. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 4475-4480 | 2.1 | 8 |

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| 87 | Optical, electrical, and photovoltaic properties of PbS thin films by anionic and cationic dopants. *Applied Physics A: Materials Science and Processing*, **2017**, 123, 1 | 2.6 | 27 |
| 86 | Effects of annealing atmosphere and rGO concentration on the optical properties and enhanced photocatalytic performance of SnSe/rGO nanocomposites. *Physical Chemistry Chemical Physics*, **2017**, 19, 18089-18098 | 3.6 | 50 |
| 85 | The effect of tin sulfide quantum dots size on photocatalytic and photovoltaic performance. *Materials Chemistry and Physics*, **2017**, 195, 187-194 | 4.4 | 38 |
| 84 | Broad Spectral Response of Se-Doped SnS Nanorods Synthesized through Electrodeposition. *ChemElectroChem*, **2017**, 4, 1478-1486 | 4.3 | 26 |
| 83 | High solar-light photocatalytic activity of using Cu 3 Se 2 /rGO nanocomposites synthesized by a green co-precipitation method. *Solid State Sciences*, **2017**, 73, 7-12 | 3.4 | 23 |
| 82 | S-doping effects on optical properties and highly enhanced photocatalytic performance of Cu3Se2 nanoparticles under solar-light irradiation. *Ceramics International*, **2017**, 43, 14983-14988 | 5.1 | 29 |
| 81 | Improvement of gas-sensing performance of ZnO nanorods by group-I elements doping. *Journal of Applied Physics*, **2017**, 122, 224505 | 2.5 | 20 |
| 80 | Enhancing photovoltaic performance of PbS/rGO nanocomposites: The role of buffer layer of ZnS/rGO nanocomposites. *Ceramics International*, **2017**, 43, 128-132 | 5.1 | 8 |
| 79 | Synthesis and characterization of Co3O4 ultra-nanosheets and Co3O4 ultra-nanosheet-Ni(OH)2 as non-enzymatic electrochemical sensors for glucose detection. *Materials Science and Engineering C*, **2016**, 59, 500-508 | 8.3 | 68 |
| 78 | Photocurrent application of Zn-doped CdS nanostructures grown by thermal evaporation method. *Ceramics International*, **2016**, 42, 1891-1896 | 5.1 | 45 |
| 77 | Growth and characterization of ZnTe nanowires grown in a large scale by a CVD method. *Materials Letters*, **2016**, 162, 195-198 | 3.3 | 6 |
| 76 | Effect of growth condition on structure and optical properties of hybrid Ag-CuO nanomaterials. *Advanced Powder Technology*, **2016**, 27, 2196-2203 | 4.6 | 11 |
| 75 | Enhanced photovoltaic performance of tin sulfide nanoparticles by indium doping. *MRS Communications*, **2016**, 6, 421-428 | 2.7 | 28 |
| 74 | Excellent photocatalytic performance under visible-light irradiation of ZnS/rGO nanocomposites synthesized by a green method. *Frontiers of Materials Science*, **2016**, 10, 385-393 | 2.5 | 25 |
| 73 | Electrochemical synthesis and physical properties of Sn-doped CdO nanostructures. *Superlattices and Microstructures*, **2016**, 100, 988-996 | 2.8 | 24 |
| 72 | Effect of transition metal elements on the structural and optical properties of ZnO nanoparticles. *Bulletin of Materials Science*, **2016**, 39, 719-724 | 1.7 | 18 |
| 71 | Photovoltaic and UV detector applications of ZnS/rGO nanocomposites synthesized by a green method. *Ceramics International*, **2016**, 42, 14094-14099 | 5.1 | 32 |
| 70 | Excellent photocatalytic performance of Zn(1 □x)MgxO/rGO nanocomposites under natural sunlight irradiation and their photovoltaic and UV detector applications. *Materials and Design*, **2016** , 107, 47-55 | 8.1 | 56 |

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| 69 | Effect of annealing temperature and graphene concentrations on photovoltaic and NIR-detector applications of PbS/rGO nanocomposites. *Ceramics International*, **2016**, 42, 15209-15216 | 5.1 | 25 |
| 68 | A simple method to fabricate an NIR detector by PbTe nanowires in a large scale. *Materials Research Bulletin*, **2016**, 77, 131-137 | 5.1 | 10 |
| 67 | XPS studies and photocurrent applications of alkali-metals-doped ZnO nanoparticles under visible illumination conditions. *Physica E: Low-Dimensional Systems and Nanostructures*, **2016**, 79, 113-118 | 3 | 71 |
| 66 | Synthesis and characterization of Pb-doped ZnO nanoparticles and their photocatalytic applications. *Materials Research Innovations*, **2016**, 20, 121-127 | 1.9 | 19 |
| 65 | Photocurrent applications of Zn(1−x)CdxO/rGO nanocomposites. *Ceramics International*, **2016**, 42, 7455-7461 | 3.1 | 28 |
| 64 | Influence of growth conditions on the electrochemical synthesis of SnS thin films and their optical properties. *International Journal of Minerals, Metallurgy and Materials*, **2016**, 23, 348-357 | 3.1 | 25 |
| 63 | Examining the effect of Zn dopant on physical properties of nanostructured SnS thin film by using electrodeposition. *Journal of Applied Electrochemistry*, **2016**, 46, 323-330 | 2.6 | 18 |
| 62 | Photocurrent application of Cd-doped ZnTe nanowires grown in a large scale by a CVD method. *Vacuum*, **2016**, 123, 131-135 | 3.7 | 10 |
| 61 | Effect of Al doping on the structural and optical properties of electrodeposited SnS thin films. *Physica Status Solidi (A) Applications and Materials Science*, **2016**, 213, 1302-1308 | 1.6 | 37 |
| 60 | SnS nanosheet films deposited via thermal evaporation: The effects of buffer layers on photovoltaic performance. *Solar Energy Materials and Solar Cells*, **2016**, 154, 49-56 | 6.4 | 55 |
| 59 | Nanostructured SnS1−xTex thin films: Effect of Te concentration and physical properties. *Journal of Alloys and Compounds*, **2016**, 681, 595-605 | 5.7 | 32 |
| 58 | Effects of Sn atoms on formation of ZnO nanorings. *CrystEngComm*, **2015**, 17, 2698-2704 | 3.3 | 49 |
| 57 | One-pot sol–gel synthesis of reduced graphene oxide uniformly decorated zinc oxide nanoparticles in starch environment for highly efficient photodegradation of Methylene Blue. *RSC Advances*, **2015**, 5, 21888-21896 | 3.7 | 101 |
| 56 | Large-scale and facile fabrication of PbSe nanostructures by selenization of a Pb sheet. *Functional Materials Letters*, **2015**, 08, 1550063 | 1.2 | 13 |
| 55 | Graphene oxide electrocatalyst on MnO2 air cathode as an efficient electron pump for enhanced oxygen reduction in alkaline solution. *Scientific Reports*, **2015**, 5, 9108 | 4.9 | 24 |
| 54 | Photocurrent Properties of Undoped and Pb-Doped SnS Nanostructures Grown Using Electrodeposition Method. *Journal of Electronic Materials*, **2015**, 44, 4734-4739 | 1.9 | 19 |
| 53 | Enhanced visible-light photocatalytic activity of strontium-doped zinc oxide nanoparticles. *Materials Science in Semiconductor Processing*, **2015**, 32, 152-159 | 4.3 | 120 |
| 52 | Highly efficient photo-degradation of methyl blue and band gap shift of SnS nanoparticles under different sonication frequencies. *Materials Science in Semiconductor Processing*, **2015**, 32, 172-178 | 4.3 | 78 |

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| 51 | Growth and Characterization of PbO Nanorods Grown using Facile Oxidation of Lead Sheet **2015**, 44, 291-294 | | 8 |
| 50 | Facile synthesis of different morphologies of Te-doped ZnO nanostructures. *Ceramics International*, **2014**, 40, 7737-7743 | 5.1 | 30 |
| 49 | Synthesis and characterization of ZnO NPs/reduced graphene oxide nanocomposite prepared in gelatin medium as highly efficient photo-degradation of MB. *Ceramics International*, **2014**, 40, 10217-10221 | 5.1 | 109 |
| 48 | Synthesis and characterization of single crystal PbO nanoparticles in a gelatin medium. *Ceramics International*, **2014**, 40, 11699-11703 | 5.1 | 23 |
| 47 | Optical and electrical properties of p-type Ag-doped ZnO nanostructures. *Ceramics International*, **2014**, 40, 7957-7963 | 5.1 | 112 |
| 46 | Effects of graphene oxide concentration on optical properties of ZnO/RGO nanocomposites and their application to photocurrent generation. *Journal of Applied Physics*, **2014**, 116, 084307 | 2.5 | 112 |
| 45 | Synthesis and characterization of PbS mesostructures as an IR detector grown by hydrogen-assisted thermal evaporation. *Materials Science in Semiconductor Processing*, **2014**, 26, 704-709 | 4.3 | 17 |
| 44 | Electrodeposition of Cu2O/ZnO nanocomposites: Effect of growth conditions on morphologies and surface properties. *Materials Science in Semiconductor Processing*, **2014**, 27, 507-514 | 4.3 | 3 |
| 43 | Synthesis of Polypyrrole Coated Silver Nanostrip Bundles and Their Application for Detection of Hydrogen Peroxide. *Journal of the Electrochemical Society*, **2014**, 161, H487-H492 | 3.9 | 18 |
| 42 | Effect of hydrogen gas on the growth process of PbS nanorods grown by a CVD method. *Current Applied Physics*, **2014**, 14, 1031-1035 | 2.6 | 13 |
| 41 | Metal Chalcogenide Hierarchical Nanostructures for Energy Conversion Devices **2014**, 189-232 | | 2 |
| 40 | Influences of anionic and cationic dopants on the morphology and optical properties of PbS nanostructures. *Chinese Physics B*, **2014**, 23, 108101 | 1.2 | 14 |
| 39 | Metal-Selenide Nanostructures: Growth and Properties **2014**, 43-81 | | 2 |
| 38 | Improved Synthesis of Reduced Graphene Oxide-Titanium Dioxide Composite with Highly Exposed{001}Facets and Its Photoelectrochemical Response. *International Journal of Photoenergy*, **2014**, 2014, 1-9 | 2.1 | 16 |
| 37 | Large-scale and facial fabrication of PbS nanorods by sulfuration of a Pb sheet. *Materials Science in Semiconductor Processing*, **2014**, 21, 98-103 | 4.3 | 12 |
| 36 | Influence of chemical routes on optical and field emission properties of Au/ZnO nanowire films. *Vacuum*, **2014**, 101, 233-237 | 3.7 | 12 |
| 35 | Optical properties of group-I-doped ZnO nanowires. *Ceramics International*, **2014**, 40, 4327-4332 | 5.1 | 23 |
| 34 | Effect of annealing process on the growth and surface properties of Au/ZnO nanowire films grown by chemical routes. *Ceramics International*, **2013**, 39, 7577-7581 | 5.1 | 2 |

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| 33 | Influence of lead concentration on morphology and optical properties of Pb-doped ZnO nanowires. *Ceramics International*, **2013**, 39, 9115-9119 | 5.1 | 36 |
| 32 | Sonochemical synthesis of hierarchical ZnO nanostructures. *Ultrasonics Sonochemistry*, **2013**, 20, 395-400 | 3.9 | 144 |
| 31 | Sn□ZnO nanoneedles grown on Zn wire as a pointed field emitter and switching device. *Materials Letters*, **2013**, 111, 181-184 | 3.3 | 7 |
| 30 | Growth and optical properties of ZnO□In2O3 heterostructure nanowires. *Ceramics International*, **2013**, 39, 5191-5196 | 5.1 | 21 |
| 29 | Growth, X-ray peak broadening studies, and optical properties of Mg-doped ZnO nanoparticles. *Materials Science in Semiconductor Processing*, **2013**, 16, 771-777 | 4.3 | 59 |
| 28 | The effect of group-I elements on the structural and optical properties of ZnO nanoparticles. *Ceramics International*, **2013**, 39, 1371-1377 | 5.1 | 62 |
| 27 | Synthesis and Characterization of Zinc/Polypyrrole Nanotube as a Protective Pigment in Organic Coatings. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2013**, 44, 3353-3363 | 2.3 | 4 |
| 26 | Electrochemical synthesis and surface characterization of hexagonal Cu□ZnO nano-funnel tube films. *Ceramics International*, **2013**, 39, 3715-3720 | 5.1 | 15 |
| 25 | Optical and electrical properties of p-type Li-doped ZnO nanowires. *Superlattices and Microstructures*, **2013**, 61, 91-96 | 2.8 | 43 |
| 24 | Starch-stabilized synthesis of ZnO nanopowders at low temperature and optical properties study. *Advanced Powder Technology*, **2013**, 24, 618-624 | 4.6 | 123 |
| 23 | Growth and characterization of ZnO (microdisks)/W18O49 (nanorods) heterostructures. *Solid State Sciences*, **2012**, 14, 349-353 | 3.4 | 16 |
| 22 | Synthesis, magnetic properties and X-ray analysis of Zn0.97X0.03O nanoparticles (X□=□Mn, Ni, and Co) using Scherrer and size□train plot methods. *Solid State Sciences*, **2012**, 14, 488-494 | 3.4 | 101 |
| 21 | Effect of chlorine ion concentration on morphology and optical properties of Cl-doped ZnO nanostructures. *Ceramics International*, **2012**, 38, 5821-5825 | 5.1 | 33 |
| 20 | Surface characterization of Au□ZnO nanowire films. *Ceramics International*, **2012**, 38, 6665-6670 | 5.1 | 29 |
| 19 | Effect of indium concentration on morphology and optical properties of In-doped ZnO nanostructures. *Ceramics International*, **2012**, 38, 6295-6301 | 5.1 | 48 |
| 18 | Optical and structural properties of X-doped (X = Mn, Mg, and Zn) PZT nanoparticles by Kramers□Kronig and size strain plot methods. *Ceramics International*, **2012**, 38, 5683-5690 | 5.1 | 78 |
| 17 | A Comparative Study of the Properties of ZnO Nano/Microstructures Grown using Two Types of Thermal Evaporation Set-Up Conditions. *Chemical Vapor Deposition*, **2012**, 18, 215-220 | | 38 |
| 16 | Facile synthesis and X-ray peak broadening studies of Zn1□MgxO nanoparticles. *Ceramics International*, **2012**, 38, 2059-2064 | 5.1 | 84 |

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| 15 | Facile Synthesis of Porous-Structured Nickel Oxide Thin Film by Pulsed Laser Deposition. *Journal of Nanomaterials*, **2012**, 2012, 1-4 | 3.2 | 8 |
| 14 | X-ray analysis of ZnO nanoparticles by Williamson–Hall and size–strain plot methods. *Solid State Sciences*, **2011**, 13, 251-256 | 3.4 | 1365 |
| 13 | Growth and characterization of Cl-doped ZnO hexagonal nanodisks. *Journal of Solid State Chemistry* , **2011**, 184, 2678-2682 | 3.3 | 42 |
| 12 | Synthesis and characterization of ZnO nanoparticles prepared in gelatin media. *Materials Letters*, **2011**, 65, 70-73 | 3.3 | 141 |
| 11 | Effects of annealing temperature on some structural and optical properties of ZnO nanoparticles prepared by a modified sol–gel combustion method. *Ceramics International*, **2011**, 37, 393-398 | 5.1 | 296 |
| 10 | The effect of source temperature on morphological and optical properties of ZnO nanowires grown using a modified thermal evaporation set-up. *Current Applied Physics*, **2011**, 11, 767-770 | 2.6 | 46 |
| 9 | Growth and characterization of ZnO nanowires grown on the Si(1 1 1) and Si(1 0 0) substrates: Optical properties and biaxial stress of nanowires. *Materials Science in Semiconductor Processing*, **2011**, 14, 170-174 | 4.3 | 47 |
| 8 | The effects of annealing temperature on structural and optical properties of S-doped ZnO nanobelts. *Solid State Sciences*, **2010**, 12, 252-256 | 3.4 | 50 |
| 7 | Characterization and field emission properties of ZnMgO nanowires fabricated by thermal evaporation process. *Solid State Sciences*, **2010**, 12, 1088-1093 | 3.4 | 47 |
| 6 | Effects of gold catalysts and thermal evaporation method modifications on the growth process of Zn1−xMg O nanowires. *Journal of Solid State Chemistry*, **2010**, 183, 1733-1739 | 3.3 | 42 |
| 5 | Investigation of indium oxide as a self-catalyst in ZnO/ZnInO heterostructure nanowires growth. *Thin Solid Films*, **2010**, 518, 5971-5977 | 2.2 | 36 |
| 4 | Auger and photoluminescence analysis of ZnO nanowires grown on AlN thin film. *Applied Surface Science*, **2009**, 255, 6985-6988 | 6.7 | 26 |
| 3 | Effect of S- and Sn-doping to the optical properties of ZnO nanobelts. *Applied Surface Science*, **2009** , 255, 9376-9380 | 6.7 | 68 |
| 2 | Fabrication and characterization of ZnO and ZnMgO nanostructures grown using a ZnO/ZnMgO compound as the source material. *Applied Surface Science*, **2009**, 256, 329-334 | 6.7 | 23 |
| 1 | Dependence of photoluminescence peaks and ZnO nanowires diameter grown on silicon substrates at different temperatures and orientations. *Journal of Alloys and Compounds*, **2009**, 479, L11-L14 | 5.7 | 68 |