# Yashar Azizian-Kalandaragh

List of Publications by Year
in descending order



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|---|---|---|---|
| 103 papers | 2,860 citations | 159585 30 h-index | 233421 45 g-index |
| 104 all docs | 104 docs citations | 104 times ranked | 2007 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dielectric Properties of PVP: BaTiO3 Interlayer in the Al/PVP: BaTiO3/P-Si Structure. Silicon, 2022, 14, 5437-5443. | 3.3 | 12 |
| 2 | A comparison of Au/n-Si Schottky diodes (SDs) with/without a nanographite (NG) interfacial layer by considering interlayer, surface states (N<sub>ss</sub>) and series resistance (R<sub>s</sub>) effects. Physica Scripta, 2022, 97, 055811. | 2.5 | 17 |
| 3 | Comparison of capacitance-frequency and current-voltage characteristics of Al/CdS-PVP/p-Si and Al/p-Si structures. Physica B: Condensed Matter, 2022, 640, 413836. | 2.7 | 6 |
| 4 | The illumination effects on the current conduction mechanisms of the Au/(<scp>Er<sub>2</sub>O<sub>3</sub></scp>:<scp>PVC</scp>)/<scp>nâ€Si</scp> (<scp>MPS</scp>) Schottky diodes. Journal of Applied Polymer Science, 2022, 139, . | 2.6 | 19 |
| 5 | Dielectric properties and negative-capacitance/dielectric in Au/n-Si structures with PVC and (PVC:Sm2O3) interlayer. Materials Science in Semiconductor Processing, 2022, 147, 106754. | 4.0 | 13 |
| 6 | Nonzero coercivity of Fe3O4/polyvinyl alcohol nanocomposites synthesized by different polymer-assisted co-precipitation processes. Polymer Bulletin, 2021, 78, 2177-2189. | 3.3 | 4 |
| 7 | In situ preparation of g-C3N4 nanosheet/FeOCl: Achievement and promoted photocatalytic nitrogen fixation activity. Journal of Colloid and Interface Science, 2021, 587, 538-549. | 9.4 | 59 |
| 8 | The effect of cadmium impurities in the (PVPâ€“TeO2) interlayer in Al/p-Si (MS) Schottky barrier diodes (SBDs): Exploring its electrophysical parameters. Physica B: Condensed Matter, 2021, 604, 412617. | 2.7 | 18 |
| 9 | Complex dielectric, complex electric modulus, and electrical conductivity in Al/(Graphene-PVA)/p-Si (metal-polymer-semiconductor) structures. Journal of Physics and Chemistry of Solids, 2021, 148, 109740. | 4.0 | 50 |
| 10 | Comparison of the photocatalytic activity of perovskite structures: Bismuth, barium, and zinc titanate nanostructures for photodegradation of methylene blue from water. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 408, 113104. | 3.9 | 14 |
| 11 | Investigation of the variation of dielectric properties by applying frequency and voltage to Al/(CdS-PVA)/p-Si structures. Journal of Molecular Structure, 2021, 1224, 129325. | 3.6 | 24 |
| 12 | Electrical characterizationÂof Au/n-Si (MS) diode with and without graphene-polyvinylpyrrolidone (Gr-PVP) interface layer. Journal of Materials Science: Materials in Electronics, 2021, 32, 3451-3459. | 2.2 | 19 |
| 13 | Frequency dependence of the dielectric properties of Au/(NG:PVP)/n-Si structures. Journal of Materials Science: Materials in Electronics, 2021, 32, 7657-7670. | 2.2 | 25 |
| 14 | Comparison of electronic and thermoelectric properties of RhTiAs and RhTiSb in bulk and their [111] films. International Nano Letters, 2021, 11, 125. | 5.0 | 0 |
| 15 | Evolution of microstructure, strain and physical properties of quaternary nanoparticles La0.8â^'xCexAg0.2MnO3 perovskites. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 3 |
| 16 | Evaluation of gamma-irradiation effects on the electrical properties of Al/(ZnO-PVA)/p-Si type Schottky diodes using current-voltage measurements. Radiation Physics and Chemistry, 2021, 183, 109430. | 2.8 | 29 |
| 17 | Effect of (Coâ€“TeO2-doped polyvinylpyrrolidone) organic interlayer on the electrophysical characteristics of Al/p-Si (MS) structures. Journal of Materials Science: Materials in Electronics, 2021, 32, 21909-21922. | 2.2 | 16 |
| 18 | A comparison of electrical characteristics of Au/n-Si (MS) structures with PVC and (PVC:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (Sr | 2.5 | 35 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Graphene doped (Bi2Te3â€“Bi2O3â€“TeO2): PVP dielectrics in metalâ€“semiconductor structures. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 11 |
| 20 | Formation of CdS/ZnS nanoparticles in polymer matrix by SILAR method: Experiments and exploring its optical properties with DDA calculations. Optik, 2021, 242, 166958. | 2.9 | 6 |
| 21 | Effect of Ni-doping on the structural, magnetic, and electronic properties of La0.2Sr0.8MnO3 perovskite. Journal of Materials Science: Materials in Electronics, 2021, 32, 26984-26997. | 2.2 | 4 |
| 22 | Comparison of the electrical and impedance properties of Au/(ZnOMn:PVP)/n-Si (MPS) type Schottky-diodes (SDs) before and after gamma-irradiation. Physica Scripta, 2021, 96, 125881. | 2.5 | 20 |
| 23 | Comparison of electrical properties of MS and MPS type diode in respect of (In2O3-PVP) interlayer. Physica B: Condensed Matter, 2020, 576, 411733. | 2.7 | 46 |
| 24 | Modified co-precipitation process effects on the structural and magnetic properties of Mn- doped nickel ferrite nanoparticles. Solid State Sciences, 2020, 99, 106052. | 3.2 | 28 |
| 25 | Nano-diamond reinforced ZrB2â€“SiC composites. Ceramics International, 2020, 46, 10172-10179. | 4.8 | 62 |
| 26 | The superposition of the Bessel and mirrored Bessel beams and investigation of their self-healing characteristic. Optik, 2020, 208, 164057. | 2.9 | 17 |
| 27 | Ultrasound-Assisted Method for Preparation of Ag2S Nanostructures: Fabrication of Au/Ag2S-PVA/n-Si Schottky Barrier Diode and Exploring Their Electrical Properties. Journal of Electronic Materials, 2020, 49, 444-453. | 2.2 | 23 |
| 28 | The influence of irradiation intensity and stirring rate on the photocatalytic activity of titanium dioxide nanostructures prepared by the microwave-assisted method for photodegradation of MB from water. Physica B: Condensed Matter, 2020, 578, 411886. | 2.7 | 25 |
| 29 | The effects of (Bi2Te3â€“Bi2O3-TeO2-PVP) interfacial film on the dielectric and electrical features of Al/p-Si (MS) Schottky barrier diodes (SBDs). Physica B: Condensed Matter, 2020, 582, 411958. | 2.7 | 33 |
| 30 | Role of hot-pressing temperature on densification and microstructure of ZrB2â€“SiC ultrahigh temperature ceramics. International Journal of Refractory Metals and Hard Materials, 2020, 93, 105355. | 3.8 | 26 |
| 31 | Electrical and dielectric properties of Al/(PVP: Zn-TeO2)/p-Si heterojunction structures using currentâ€“voltage (Iâ€“V) and impedance-frequency (Zâ€“f) measurements. Applied Physics A: Materials Science and Processing, 2020, 126, 1. | 2.3 | 33 |
| 32 | Electric and dielectric parameters in Au/n-Si (MS) capacitors with metal oxide-polymer interlayer as function of frequency and voltage. Journal of Materials Science: Materials in Electronics, 2020, 31, 15589-15598. | 2.2 | 26 |
| 33 | A comparison study regarding Al/p-Si and Al/(carbon nanofiberâ€“PVP)/p-Si diodes: current/impedanceâ€“voltage (I/Zâ€“V) characteristics. Applied Physics A: Materials Science and Processing, 2020, 126, 1. | 2.3 | 13 |
| 34 | A Highly Sensitive Temperature Sensor Based on Au/Graphene-PVP/n-Si Type Schottky Diodes and the Possible Conduction Mechanisms in the Wide Range Temperatures. IEEE Sensors Journal, 2020, 20, 14081-14089. | 4.7 | 37 |
| 35 | Numerical and experimental study of a Back-Gated metal-semiconductor-metal photodetector using finite element method. Physica B: Condensed Matter, 2020, 596, 412406. | 2.7 | 2 |
| 36 | A comparative study on the electrical properties and conduction mechanisms of Au/n-Si Schottky diodes with/without an organic interlayer. Journal of Materials Science: Materials in Electronics, 2020, 31, 14466-14477. | 2.2 | 32 |

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|---|---|---|---|
| 37 | On the electrical characteristics of Al/p-Si diodes with and without (PVP: Sn-TeO2) interlayer using currentâ€“voltage (Iâ€“V) measurements. Applied Physics A: Materials Science and Processing, 2020, 126, 1. | 2.3 | 14 |
| 38 | Synthesis, characterization, and photocatalytic performance of Ag/AgFeO2 decorated on g-C3N4-nanosheet under the visible light irradiation. Journal of the Taiwan Institute of Chemical Engineers, 2020, 115, 279-292. | 5.3 | 35 |
| 39 | Frequency and voltage dependence of electrical and dielectric properties in metal-interfacial layer-semiconductor (MIS) type structures. Physica B: Condensed Matter, 2020, 587, 412122. | 2.7 | 36 |
| 40 | The effect of capping agent on the structural, optical properties and photocatalytic activity of MgO nanostructures. Physica B: Condensed Matter, 2020, 583, 412064. | 2.7 | 10 |
| 41 | C-V-f and G/Ï‰-V-f characteristics of Au/(In2O3-PVP)/n-Si (MPS) structure. Physica B: Condensed Matter, 2020, 582, 411996. | 2.7 | 33 |
| 42 | Investigation of the effect of different Bi2O3â€“x:PVA (xâ€‰=â€‰Sm, Sn, Mo) thin insulator interface-layer materials on diode parameters. Journal of Materials Science: Materials in Electronics, 2020, 31, 8033-8042. | 2.2 | 9 |
| 43 | Frequency-Dependent Admittance Analysis of Au/n-Si Structure with CoSO4-PVP Interfacial Layer. Journal of Electronic Materials, 2020, 49, 3720-3727. | 2.2 | 26 |
| 44 | Characteristics of quadruplet Tiâ€“Moâ€“TiB2â€“TiC composites prepared by spark plasma sintering. Ceramics International, 2020, 46, 20885-20895. | 4.8 | 36 |
| 45 | The Structural and Electrical Properties of the Au/n-Si (MS) Diodes With Nanocomposites Interlayer (Ag-Doped ZnO/PVP) by Using the Simple Ultrasound-Assisted Method. IEEE Transactions on Electron Devices, 2019, 66, 3103-3109. | 3.0 | 27 |
| 46 | Cd-doping effect on morphologic, structural, magnetic and electrical properties of Ni0.6-xCdxMg0.4Fe2O4 spinel ferrite (0 â‰¤ x â‰¤ 0.4). Journal of Alloys and Compounds, 2019, 803, 964-970. | 5.5 | 23 |
| 47 | Efficient generation of arrays of closed-packed high-quality light rings. Photonics and Nanostructures - Fundamentals and Applications, 2019, 37, 100736. | 2.0 | 7 |
| 48 | Morphological and Structural Properties of Metamaterial Based on ITO/Sapphire/ZnS/Al Superlattice. , 2019, , . | | 0 |
| 49 | Investigation of the efficiencies of the (SnO2-PVA) interlayer in Au/n-Si (MS) SDs on electrical characteristics at room temperature by comparison. Journal of Materials Science: Materials in Electronics, 2019, 30, 20479-20488. | 2.2 | 23 |
| 50 | The influence of preparation parameters on the photocatalytic performance of mixed bismuth titanate-based nanostructures. Physica B: Condensed Matter, 2019, 575, 311572. | 2.7 | 11 |
| 51 | Spark plasma sintering of ZrB2-based composites co-reinforced with SiC whiskers and pulverized carbon fibers. International Journal of Refractory Metals and Hard Materials, 2019, 83, 104989. | 3.8 | 65 |
| 52 | Structural, magnetic and dielectric properties of Ni0.6Mg0.4Fe2O4 ferromagnetic ferrite prepared by sol gel method. Ceramics International, 2019, 45, 16458-16465. | 4.8 | 51 |
| 53 | Double-exponential currentâ€“voltage (Iâ€“V) and negative capacitance (NC) behavior of Al/(CdSe-PVA)/p-Si/Al (MPS) structure. Journal of Materials Science: Materials in Electronics, 2019, 30, 9572-9581. | 2.2 | 19 |
| 54 | Examination of dielectric response of Au/HgS-PVA/n-Si (MPS) structure by impedance spectroscopy method. Physica B: Condensed Matter, 2019, 566, 125-135. | 2.7 | 39 |

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|---|---|---|---|
| 55 | Wettability measurement, optical characteristics, and investigation of the quantum confinement effect of ZnS-scotch tape nanocomposite films prepared by successive ionic layer adsorption and reaction (SILAR) method. Physica B: Condensed Matter, 2019, 564, 94-103. | 2.7 | 16 |
| 56 | A comparison of electrical parameters of Au/n-Si and Au/(CoSO4â€“PVP)/n-Si structures (SBDs) to determine the effect of (CoSO4â€“PVP) organic interlayer at room temperature. Journal of Materials Science: Materials in Electronics, 2019, 30, 9273-9280. | 2.2 | 36 |
| 57 | Fabrication, structural and electrical characterization of Au/ (CuSe-polyvinyl alcohol)/n-Si (MPS) Schottky barrier structures. Physica B: Condensed Matter, 2019, 561, 1-8. | 2.7 | 18 |
| 58 | The effect of poly vinyl alcohol matrix on the light absorbance of Ag2S nanoparticles; experimental and discrete dipole approximation results. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 222-223, 26-34. | 2.3 | 10 |
| 59 | CORRELATION BETWEEN WETTABILITY AND OPTICAL PROPERTIES OF SILVER-BASED THIN FILMS PREPARED BY SPUTTERING METHOD WITH INCLINED SUBSTRATE AND SHADOWING EFFECT. Surface Review and Letters, 2019, 26, 1850191. | 1.1 | 1 |
| 60 | Sonochemically Prepared SnO2 Nanostructures for Photodegradation of Methylene Blue Under Mercury-Vapor and Light Emitting Diode Lamps. Journal of Nanoelectronics and Optoelectronics, 2019, 14, 177-183. | 0.5 | 5 |
| 61 | Electrical and impedance properties of MPS structure based on (Cu2Oâ€“CuOâ€“PVA) interfacial layer. Journal of Materials Science: Materials in Electronics, 2018, 29, 8234-8243. | 2.2 | 41 |
| 62 | Preparation and characterization of polysulfone/graphene oxide nanocomposite membranes for the separation of methylene blue from water. Polymer Bulletin, 2018, 75, 469-484. | 3.3 | 63 |
| 63 | On the conduction mechanisms of Au/(Cu2Oâ€“CuOâ€“PVA)/n-Si (MPS) Schottky barrier diodes (SBDs) using currentâ€“voltageâ€“temperature (Iâ€“Vâ€“T) characteristics. Journal of Materials Science: Materials in Electronics, 2018, 29, 159-170. | 2.2 | 73 |
| 64 | Preparation and characterization of cross-linked poly (vinyl alcohol)-graphene oxide nanocomposites as an interlayer for Schottky barrier diodes. International Journal of Modern Physics B, 2018, 32, 1750276. | 2.0 | 8 |
| 65 | The effect of oleic acid concentration on the optical, structural, and magnetic properties of cobalt oxide nanostructures prepared by ultrasound-assisted method. Inorganic and Nano-Metal Chemistry, 2018, 48, 1-7. | 1.6 | 3 |
| 66 | Current-Transport Mechanisms of the Al/(Bi2S3-PVA Nanocomposite)/p-Si Schottky Diodes in the Temperature Range Between 220ÂK and 380ÂK. Journal of Electronic Materials, 2018, 47, 6945-6953. | 2.2 | 42 |
| 67 | Preparation of (CuSâ€“PVA) interlayer and the investigation their structural, morphological and optical properties and frequency dependent electrical characteristics of Au/(CuSâ€“PVA)/n-Si (MPS) structures. Journal of Materials Science: Materials in Electronics, 2018, 29, 11801-11811. | 2.2 | 19 |
| 68 | Reinforcing effects of SiC whiskers and carbon nanoparticles in spark plasma sintered ZrB2 matrix composites. Ceramics International, 2018, 44, 19932-19938. | 4.8 | 85 |
| 69 | Formation of ZnO nanopowders by the simple ultrasound-assisted method: Exploring the dielectric and electric properties of the Au/(ZnO-PVA)/n-Si structure. Materials Science in Semiconductor Processing, 2018, 86, 173-180. | 4.0 | 38 |
| 70 | Temperature and Interfacial Layer Effects on the Electrical and Dielectric Properties of Al/(CdS-PVA)/p-Si (MPS) Structures. Journal of Electronic Materials, 2018, 47, 6600-6606. | 2.2 | 13 |
| 71 | Preparation of mixed copper/PVA nanocomposites as an interface layer for fabrication of Al/Cu-PVA/p-Si Schottky structures. Physica B: Condensed Matter, 2018, 546, 93-98. | 2.7 | 34 |
| 72 | Determining electrical and dielectric parameters of Al/ZnS-PVA/p-Si (MPS) structures in wide range of temperature and voltage. Journal of Materials Science: Materials in Electronics, 2018, 29, 12735-12743. | 2.2 | 11 |

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| 73 | Preparation of Cadmium Sulfide Nanostructures in Presence of Polyvinyl Alcohol and Polyvinylpyrrolidone as a Capping Agent and Investigation of Their Structural and Optical Properties. Journal of Nanoelectronics and Optoelectronics, 2018, 13, 1454-1459. | 0.5 | 1 |
| 74 | Preparation of Lead Oxide Nanostructures in Presence of Polyvinyl Alcohol (PVA) as Capping Agent and Investigation of Their Structural and Optical Properties. Journal of Semiconductor Technology and Science, 2018, 18, 91-99. | 0.4 | 8 |
| 75 | Investigation of frequency and voltage dependence surface states and series resistance profiles using admittance measurements in Al/p-Si with Co 3 O 4 -PVA interlayer structures. Physica B: Condensed Matter, 2017, 515, 28-33. | 2.7 | 43 |
| 76 | Series resistance and interface states effects on the Câ€“V and G/wâ€“V characteristics in Au/(Co3O4-doped PVA)/n-Si structures at room temperature. Journal of Materials Science: Materials in Electronics, 2017, 28, 12967-12976. | 2.2 | 29 |
| 77 | Electric and Dielectric Properties of Au/ZnS-PVA/n-Si (MPS) Structures in the Frequency Range of 10â€“200ÂkHz. Journal of Electronic Materials, 2017, 46, 4276-4286. | 2.2 | 34 |
| 78 | Thermodynamic geometry, condensation and Debye model of two-parameter deformed statistics. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 083104. | 2.3 | 19 |
| 79 | Facile ultrasound-assisted and microwave-assisted methods for preparation of Bi2S3-PVA nanostructures: exploring their pertinent structural and optical properties and comparative studies on the electrical, properties of Au/(Bi2S3-PVA)/n-Si Schottky structure. Journal of Materials Science: Materials in Electronics, 2017, 28, 17948-17960. | 2.2 | 18 |
| 80 | On the temperatureÂdependent current transport mechanisms and barrier inhomogeneity in Au/SnO2â€“PVA/n-Si Schottky barrier diodes. Applied Physics A: Materials Science and Processing, 2017, 123, 1. | 2.3 | 40 |
| 81 | Determining electrical and dielectric parameters of dependence as function of frequencies in Al/ZnS-PVA/p-Si (MPS) structures. Journal of Materials Science: Materials in Electronics, 2017, 28, 1315-1321. | 2.2 | 38 |
| 82 | Characterization of Some Electrical Properties of CdS-Gelatin Nanocomposites Using Hall Measurement Technique. Journal of Nanoelectronics and Optoelectronics, 2017, 12, 231-235. | 0.5 | 7 |
| 83 | Fe<sub>3</sub>O<sub>4</sub>â€“PVAc nanocomposites: surface modification of sonochemically prepared magnetite nanoparticles via chemical grafting of poly(vinyl acetate). RSC Advances, 2016, 6, 48676-48683. | 3.6 | 25 |
| 84 | Frequency and voltage dependence dielectric properties, ac electrical conductivity and electric modulus profiles in Al/Co 3 O 4 -PVA/p-Si structures. Physica B: Condensed Matter, 2016, 500, 154-160. | 2.7 | 54 |
| 85 | Investigation of Electrical Characteristics in Al/CdS-PVA/p-Si (MPS) Structures Using Impedance Spectroscopy Method. IEEE Transactions on Electron Devices, 2016, 63, 2948-2955. | 3.0 | 79 |
| 86 | Effect of post-annealing treatment on the wetting, optical and structural properties of Ag/Indium tin oxide thin films prepared by electron beam evaporation technique. Materials Express, 2015, 5, 137-145. | 0.5 | 13 |
| 87 | Ultrasound-assisted preparation and characterization of Î²-Bi2O3 nanostructures: Exploring the photocatalytic activity against rhodamine B. Superlattices and Microstructures, 2015, 81, 151-160. | 3.1 | 33 |
| 88 | Facile synthesis of silver nanostructures by using various deposition potential and time: A nonenzymetic sensor for hydrogen peroxide. Materials Chemistry and Physics, 2015, 155, 129-135. | 4.0 | 18 |
| 89 | Preparation of CuO nanopowders and their catalytic activity in photodegradation of Rhodamine-B. Advanced Powder Technology, 2014, 25, 1043-1052. | 4.1 | 68 |
| 90 | Dielectric and Optical Properties of CdSâ€“Polymer Nanocomposites Prepared by the Successive Ionic Layer Adsorption and Reaction (SILAR) Method. Journal of Electronic Materials, 2014, 43, 1226-1231. | 2.2 | 18 |

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| 91 | Structural and Biological Properties of CuO Nanoparticles Prepared Under Ultrasonic Irradiation. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 1286-1290. | 0.6 | 7 |
| 92 | Strong quantum confinement effects in SnS nanocrystals produced by ultrasound-assisted method. Journal of Nanoparticle Research, 2013, 15, 1. | 1.9 | 21 |
| 93 | Convenient preparation of CdS nanostructures as a highly efficient photocatalyst under blue LED and solar light irradiation. Separation and Purification Technology, 2013, 120, 180-185. | 7.9 | 32 |
| 94 | Effect of Zn Addition on the Reduction of the Ordering Temperature of FePt Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2013, 26, 713-717. | 1.8 | 8 |
| 95 | The influence of post-annealing treatment on the wettability of Ag+/Na+ ion-exchanged soda-lime glasses. Applied Surface Science, 2013, 270, 604-610. | 6.1 | 5 |
| 96 | Formation of silver nanoparticles inside a soda-lime glass matrix in the presence of a high intensity Ar+ laser beam. Journal of Applied Physics, 2012, 111, . | 2.5 | 16 |
| 97 | Investigation of the catalytic activity of nano-sized CuO, Co3O4 and CuCo2O4 powders on thermal decomposition of ammonium perchlorate. Powder Technology, 2012, 217, 330-339. | 4.2 | 250 |
| 98 | Comparative studies on energy-dependence of reduced effective mass in quantum confined ZnS semiconductor nanocrystals prepared in polymer matrix. Materials Science in Semiconductor Processing, 2011, 14, 294-301. | 4.0 | 10 |
| 99 | Ultrasound-assisted preparation of CdSe nanocrystals in the presence of Polyvinyl alcohol as a capping agent. Materials Science in Semiconductor Processing, 2010, 13, 225-230. | 4.0 | 30 |
| 100 | Aqueous synthesis and characterization of nearly monodispersed ZnS nanocrystals. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 2144-2148. | 1.8 | 23 |
| 101 | Ultrasound-assisted synthesis of ZnO semiconductor nanostructures. Materials Science in Semiconductor Processing, 2009, 12, 142-145. | 4.0 | 40 |
| 102 | Growth process and investigation of some physical properties of CdS nanocrystals formed in polymer matrix by successive ionic layer adsorption and reaction (SILAR) method. Journal of Crystal Growth, 2007, 305, 175-180. | 1.5 | 52 |
| 103 | The effect of PVP: BaTiO<sub>3</sub> interlayer on the conduction mechanism and electrical properties at MPS structures. Physica Scripta, 0, , . | 2.5 | 19 |