

Sunil Kumar

List of Publications by Year in descending order

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121
papers

2,216
citations

201674

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docs citations

121
times ranked

2733
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Through Structural Isomerism: Positional Effect of Alkyne Functionality on Molecular Optical Properties. <i>Physical Chemistry Chemical Physics</i> , 2022, , . | 2.8 | 2 |
| 2 | Rectifying Effect in a High-Performance Ballistic Diode Bridge Based on Encapsulated Graphene with a Unique Design. <i>ACS Applied Electronic Materials</i> , 2022, 4, 1518-1524. | 4.3 | 2 |
| 3 | Role of deposition parameters on the properties of the fabricated heterojunction ZnS/p-Si Schottky diode. <i>Physica Scripta</i> , 2022, 97, 045819. | 2.5 | 34 |
| 4 | Thermal analysis and tribo- performance evaluation of multilayered graphene and graphite based fly ash filled banana fiber reinforced brake friction composites. <i>Polymer Composites</i> , 2022, 43, 6943-6954. | 4.6 | 7 |
| 5 | Effect of the Photoinitiator Concentration on the Electro-optical Properties of Thiol- Acrylate-Based PDLC Smart Windows. <i>ACS Applied Energy Materials</i> , 2022, 5, 6986-6995. | 5.1 | 21 |
| 6 | Solvothermal growth of ultrathin nonporous nickel oxide nanosheets for ethanol sensing. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 818-826. | 2.2 | 8 |
| 7 | Supercapacitors based on Ti ₃ C ₂ T _x MXene extracted from supernatant and current collectors passivated by CVD-graphene. <i>Scientific Reports</i> , 2021, 11, 649. | 3.3 | 54 |
| 8 | Optical properties of Silica capped Mn doped ZnS quantum dots. <i>Physica Scripta</i> , 2021, 96, 065802. | 2.5 | 11 |
| 9 | Understanding the role of soft linkers in designing heptazine-based polymeric frameworks as heterogeneous (photo)catalyst. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 138-146. | 9.4 | 7 |
| 10 | A Tailored Heptazine- Based Porous Polymeric Network as a Versatile Heterogeneous (Photo)catalyst. <i>Chemistry - A European Journal</i> , 2021, 27, 10649-10656. | 3.3 | 9 |
| 11 | Through Positional Isomerism: Impact of Molecular Composition on Enhanced Triplet Harvest for Solution-Processed OLED Efficiency Improvement. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2317-2332. | 4.3 | 14 |
| 12 | Application of Titanium-Carbide MXene-Based Transparent Conducting Electrodes in Flexible Smart Windows. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40976-40985. | 8.0 | 37 |
| 13 | Effect of glutathione capping on the antibacterial activity of tin doped ZnO nanoparticles. <i>Physica Scripta</i> , 2021, 96, 125807. | 2.5 | 11 |
| 14 | Optimum design for the ballistic diode based on graphene field-effect transistors. <i>Npj 2D Materials and Applications</i> , 2021, 5, . | 7.9 | 10 |
| 15 | Studies on directly grown few layer graphene processed using tape-peeling method. <i>Carbon</i> , 2020, 158, 749-755. | 10.3 | 12 |
| 16 | Effect of Ti ₃ C ₂ T _x MXenes etched at elevated temperatures using concentrated acid on binder-free supercapacitors. <i>RSC Advances</i> , 2020, 10, 41837-41845. | 3.6 | 26 |
| 17 | Quantum dot-sensitized O-linked heptazine polymer photocatalyst for the metal-free visible light hydrogen generation. <i>RSC Advances</i> , 2020, 10, 29633-29641. | 3.6 | 10 |
| 18 | Polymer-dispersed liquid-crystal-based switchable glazing fabricated <i>via</i> vacuum glass coupling. <i>RSC Advances</i> , 2020, 10, 32225-32231. | 3.6 | 41 |

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|----|---|------|-----------|
| 19 | Compost Soil Microbial Fuel Cell to Generate Power using Urea as Fuel. <i>Scientific Reports</i> , 2020, 10, 4154. | 3.3 | 32 |
| 20 | Solar cell based on vertical graphene nano hills directly grown on silicon. <i>Carbon</i> , 2020, 164, 235-243. | 10.3 | 23 |
| 21 | Effect of Cu-doping on the photoluminescence and photoconductivity of template synthesized CdS nanowires. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 124, 1-6. | 4.0 | 33 |
| 22 | Cyclic codes with generalized cyclotomic cubic classes. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019, 22, 923-933. | 0.8 | 4 |
| 23 | Using chemical bath deposition to create nanosheet-like CuO electrodes for supercapacitor applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 1004-1011. | 5.0 | 54 |
| 24 | Whey peptide-encapsulated silver nanoparticles as a colorimetric and spectrophotometric probe for palladium(II). <i>Mikrochimica Acta</i> , 2019, 186, 763. | 5.0 | 9 |
| 25 | Variation in chemical bath pH and the corresponding precursor concentration for optimizing the optical, structural and morphological properties of ZnO thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17747-17758. | 2.2 | 24 |
| 26 | Acrylate-assisted fractal nanostructured polymer dispersed liquid crystal droplet based vibrant colored smart-windows. <i>RSC Advances</i> , 2019, 9, 12645-12655. | 3.6 | 36 |
| 27 | Thickness-dependent efficiency of directly grown graphene based solar cells. <i>Carbon</i> , 2019, 148, 187-195. | 10.3 | 49 |
| 28 | Phyto-fabrication of silver nanoparticles by <i>Acacia nilotica</i> leaves: Investigating their antineoplastic, free radical scavenging potential and application in H ₂ O ₂ sensing. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 99, 239-249. | 5.3 | 57 |
| 29 | Synthesis and characterisation of functional manganese doped ZnS quantum dots for bio-imaging application. <i>Advances in Applied Ceramics</i> , 2019, 118, 321-328. | 1.1 | 10 |
| 30 | Correlation of antibacterial and time resolved photoluminescence studies using bio-reduced silver nanoparticles conjugated with fluorescent quantum dots as a biomarker. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 6977-6983. | 2.2 | 12 |
| 31 | Influence of Synthesis-Dependent Structural Morphology on Performance of Natural Dye-Sensitized ZnO Solar Cells. <i>Jom</i> , 2019, 71, 1477-1484. | 1.9 | 0 |
| 32 | Three-dimensional atomic force microscopy for ultra-high-aspect-ratio imaging. <i>Applied Surface Science</i> , 2019, 469, 582-592. | 6.1 | 9 |
| 33 | A true oxygen-linked heptazine based polymer for efficient hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 313-319. | 20.2 | 54 |
| 34 | Effect of silica on the ZnS nanoparticles for stable and sustainable antibacterial application. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 531-540. | 2.1 | 30 |
| 35 | Phototoxicity free quantum dot-based niosome formulation for controlled drug release and its monitoring. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 617-625. | 3.1 | 0 |
| 36 | Controlling the physical parameters of crystalline CIGS nanowires for use in superstrate configuration using vapor phase epitaxy. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 1043-1051. | 3.1 | 0 |

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|----|--|------|-----------|
| 37 | CVD-graphene for low equivalent series resistance in rGO/CVD-graphene/Ni-based supercapacitors. <i>Nanotechnology</i> , 2018, 29, 195404. | 2.6 | 17 |
| 38 | Multifunctional ammonium fuel cell using compost as a novel electro-catalyst. <i>Journal of Power Sources</i> , 2018, 402, 221-228. | 7.8 | 13 |
| 39 | Preferential intermolecular interactions lead to chiral recognition: enantioselective gel formation and collapse. <i>Chemical Communications</i> , 2018, 54, 11407-11410. | 4.1 | 21 |
| 40 | Heptazine based organic framework as a chemiresistive sensor for ammonia detection at room temperature. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18389-18395. | 10.3 | 61 |
| 41 | Emergence of <i>s</i> -heptazines: from trichloro- <i>s</i> -heptazine building blocks to functional materials. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21719-21728. | 10.3 | 30 |
| 42 | Hydrogen-bond mediated columnar liquid crystalline assemblies of <i>C</i> ₃ -symmetric heptazine derivatives at ambient temperature. <i>Soft Matter</i> , 2018, 14, 6342-6352. | 2.7 | 30 |
| 43 | Deep-Blue OLED Fabrication from Heptazine Columnar Liquid Crystal Based AlE-Active Sky-Blue Emitter. <i>ChemistrySelect</i> , 2018, 3, 7771-7777. | 1.5 | 27 |
| 44 | Natural Sunlight Driven Oxidative Homocoupling of Amines by a Truxene-Based Conjugated Microporous Polymer. <i>ACS Catalysis</i> , 2018, 8, 6751-6759. | 11.2 | 106 |
| 45 | pH dependent studies of chemical bath deposition grown ZnO-SiO ₂ core-shell thin films. <i>Journal of the Korean Physical Society</i> , 2017, 70, 98-103. | 0.7 | 2 |
| 46 | A hybrid impedance control scheme for underwater welding robots with a passive foundation in the controller domain. <i>Simulation</i> , 2017, 93, 619-630. | 1.8 | 6 |
| 47 | Modified Atomic Orbital Overlap: Molecular Level Proof of the Nucleophilic Cleavage Propensity of Dinitrophenol-Based Probes. <i>Journal of Organic Chemistry</i> , 2017, 82, 4713-4720. | 3.2 | 2 |
| 48 | A Comparative Investigation of Optical and Structural Properties of Cu-Doped CdO-Derived Nanostructures. <i>Journal of Superconductivity and Novel Magnetism</i> , 2017, 30, 1439-1446. | 1.8 | 28 |
| 49 | Annealing led conversion from polypyrrole to carbon nitride nanowires and the fabrication of highly efficient ammonia sensing device. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 17791-17797. | 2.2 | 5 |
| 50 | Role of Voluminous Substituents in Controlling the Optical Properties of Disc/Planar-Like Small Organic Molecules: Toward Molecular Emission in Solid State. <i>ACS Omega</i> , 2017, 2, 5348-5356. | 3.5 | 7 |
| 51 | Heptazine: an Electron-Deficient Fluorescent Core for Discotic Liquid Crystals. <i>Chemistry - A European Journal</i> , 2017, 23, 14718-14722. | 3.3 | 29 |
| 52 | Dendritic Polynitrato Energetic Motifs: Development and Exploration of Physicochemical Behavior through Theoretical and Experimental Approach. <i>ACS Omega</i> , 2017, 2, 8227-8233. | 3.5 | 12 |
| 53 | Studies of hydro-mellose (HPMC) functionalized ZnS:Mn fluorescent quantum dots. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 1931-1937. | 2.2 | 4 |
| 54 | Effect of annealing treatment and deposition temperature on CdS thin films for CIGS solar cells applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 7890-7898. | 2.2 | 26 |

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| 55 | Exploring an Emissive Charge Transfer Process in Zero-Twist Donor–Acceptor Molecular Design as a Dual-State Emitter. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12723-12733. | 3.1 | 46 |
| 56 | Electronic and optical properties of ZnOS/ZnO quantum-well structures with polarization effects. <i>Journal of the Korean Physical Society</i> , 2016, 69, 370-372. | 0.7 | 1 |
| 57 | Femtosecond insights into direct electron injection in dye anchored ZnO QDs following charge transfer excitation. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 20672-20681. | 2.8 | 11 |
| 58 | Trend breaking substitution pattern of phenothiazine with acceptors as a rational design platform for blue emitters. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6769-6777. | 5.5 | 33 |
| 59 | Photoluminescent properties of SPAN-80 coated intrinsic and extrinsic ZnO nanostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 79, 188-197. | 2.7 | 3 |
| 60 | Effect of pyridine capping on morphological and optical properties of ZnS:Mn ²⁺ core–shell quantum dots. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 3003-3010. | 2.2 | 9 |
| 61 | Effect of ferromagnetic dopants on laser induced optical parameters of bismuth doped CaS phosphors. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 2482-2486. | 0.6 | 1 |
| 62 | Structural and optical behavior of hexa-propyl methyl cellulose (HPMC) capped ZnS core–shell quantum dots. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 5980-5986. | 2.2 | 2 |
| 63 | Structural, optical and magnetic investigations on Fe-doped ZnS nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 2754-2759. | 2.2 | 27 |
| 64 | Packing directed beneficial role of 3-D rigid alicyclic arms on the templated molecular aggregation problem. <i>RSC Advances</i> , 2015, 5, 61249-61257. | 3.6 | 3 |
| 65 | Structural and optical properties of silica capped ZnS:Mn quantum dots. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 3939-3946. | 2.2 | 23 |
| 66 | Investigation of the Magnetic and Optical Properties of Wurtzite Fe-Doped ZnS Nanorods. <i>Journal of Electronic Materials</i> , 2015, 44, 2829-2834. | 2.2 | 12 |
| 67 | Room Temperature Magnetism in Cobalt-Doped ZnS Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 137-142. | 1.8 | 27 |
| 68 | Room temperature investigations on optical and magnetic studies of Co _x Zn _{1-x} nanorods. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 374, 548-552. | 2.3 | 7 |
| 69 | Atomic force microscope manipulation of multiwalled and single walled carbon nanotubes with reflux and ultrasonic treatments. <i>Applied Nanoscience (Switzerland)</i> , 2014, 4, 19-26. | 3.1 | 12 |
| 70 | Study of nonlinear optical properties of organic dye by Z-scan technique using He–Ne laser. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 1410-1415. | 2.2 | 62 |
| 71 | Effect of zinc oxide concentration in fluorescent ZnS:Mn/ZnO core–shell nanostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 1716-1723. | 2.2 | 27 |
| 72 | Effect of Ni-doping on optical and magnetic properties of solvothermally synthesized ZnS wurtzite nanorods. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 785-790. | 2.2 | 26 |

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| 73 | Ferromagnetic and weak superparamagnetic like behavior of Ni-doped ZnS nanocrystals synthesized by reflux method. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 1132-1137. | 2.2 | 16 |
| 74 | Study of electroless template synthesized ZnSe nanowires and its characterization. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 957-961. | 2.2 | 5 |
| 75 | Glutathione-assisted synthesis of star-shaped zinc oxide nanostructures and their photoluminescence behavior. <i>Journal of Luminescence</i> , 2014, 149, 112-117. | 3.1 | 8 |
| 76 | Shallow chemical bath deposition of ZnS buffer layer for environmentally benign solar cell devices. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2014, 5, 025015. | 1.5 | 35 |
| 77 | Effect of N-Substitution on the Electropolymerization of N-Substituted Pyrroles: Structure-Reactivity Relationship Studies. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2570-2579. | 3.1 | 20 |
| 78 | Engineering fused coumarin dyes: a molecular level understanding of aggregation quenching and tuning electroluminescence via alkyl chain substitution. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6637. | 5.5 | 53 |
| 79 | Effects of AlN buffer layers on the structural and the optical properties of GaN epilayers grown on Al ₂ O ₃ substrates by using plasma-assisted molecular beam epitaxy. <i>Journal of the Korean Physical Society</i> , 2014, 64, 1128-1131. | 0.7 | 1 |
| 80 | Photo-physical studies of pyridine capped ZnO nanostructures. <i>Russian Journal of Physical Chemistry A</i> , 2014, 88, 1166-1171. | 0.6 | 2 |
| 81 | Structurally tuned benzo[h]chromene derivative as Pb ²⁺ selective "turn-on" fluorescence sensor for living cell imaging. <i>Journal of Luminescence</i> , 2013, 143, 355-360. | 3.1 | 13 |
| 82 | Functionalization and characterization of ZnS quantum dots using biocompatible l-cysteine. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 3875-3880. | 2.2 | 19 |
| 83 | Cysteamine-Based Cell-Permeable Zn ²⁺ -Specific Molecular Bioimaging Materials: From Animal to Plant Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11730-11740. | 8.0 | 17 |
| 84 | Effect of zinc oxide concentration on the core-shell ZnS/ZnO nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 5147-5154. | 2.2 | 12 |
| 85 | Imine containing benzophenone scaffold as an efficient chemical device to detect selectively Al ³⁺ . <i>RSC Advances</i> , 2013, 3, 345-351. | 3.6 | 43 |
| 86 | Carboxylated "locking unit" directed ratiometric probe design, synthesis and application in selective recognition of Fe ³⁺ /Cu ²⁺ . <i>RSC Advances</i> , 2013, 3, 6271. | 3.6 | 10 |
| 87 | Mathematical models for the oxidative functionalization of multiwalled carbon nanotubes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 419, 156-165. | 4.7 | 10 |
| 88 | Structural and optical characterization of hydroxy-propyl methyl cellulose-capped ZnO nanorods. <i>Journal of Materials Science</i> , 2013, 48, 5536-5542. | 3.7 | 17 |
| 89 | Synthesis and characterization of Ni-doped CdSe nanoparticles: magnetic studies in 300-100 Å temperature range. <i>Applied Nanoscience (Switzerland)</i> , 2012, 2, 437-443. | 3.1 | 16 |
| 90 | Orthogonal biofunctionalization of magnetic nanoparticles via "clickable" poly(ethylene glycol) silanes: a "universal ligand" strategy to design stealth and target-specific nanocarriers. <i>Journal of Materials Chemistry</i> , 2012, 22, 24652. | 6.7 | 24 |

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|-----|--|-----|-----------|
| 91 | Magnetic and structural characterization of transition metal co-doped CdS nanoparticles. Applied Nanoscience (Switzerland), 2012, 2, 127-131. | 3.1 | 36 |
| 92 | Effect of biocompatible glutathione capping on core-shell ZnS quantum dots. Journal of Materials Science: Materials in Electronics, 2012, 23, 1387-1392. | 2.2 | 17 |
| 93 | Microemulsion-Mediated Synthesis and Characterization of $\text{YBO}_3\text{Ce}_3\text{PO}_4$ Phosphors. Journal of the American Ceramic Society, 2012, 95, 1814-1817. | 3.8 | 21 |
| 94 | 2-Aminopyridine derivative as fluorescence "On-Off" molecular switch for selective detection of $\text{Fe}^{3+}/\text{Hg}^{2+}$. Tetrahedron Letters, 2012, 53, 2302-2307. | 1.4 | 56 |
| 95 | Effects of La^{3+} doping on the optical characteristics and color tunability of $(\text{Mg}, \text{Mn})(\text{Y}, \text{Ce}, \text{La})_4\text{Si}_3\text{O}_{13}$ phosphors. Journal of Luminescence, 2012, 132, 185-190. | 3.1 | 2 |
| 96 | Study of Size Dependent Photo-Induced Exciton Life-Time and Photocatalytic Activity of Nanocrystalline CdZnS. Advanced Science Letters, 2012, 16, 237-243. | 0.2 | 2 |
| 97 | Effect of Visible Spectrum on the Optical Parameters of ZnSe Nanoparticles. AIP Conference Proceedings, 2011, , . | 0.4 | 0 |
| 98 | Doping studies of Tb (terbium) and Cu (copper) on CdSe nanorods. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 389, 1-5. | 4.7 | 8 |
| 99 | Optical studies of electrochemically synthesized CdS nanowires. Journal of Materials Science: Materials in Electronics, 2011, 22, 335-338. | 2.2 | 5 |
| 100 | Room temperature ferromagnetic behavior of Eu doped $\text{Cd}_{1-x}\text{Zn}_x\text{S}$ nanoparticles. Journal of Materials Science: Materials in Electronics, 2011, 22, 523-526. | 2.2 | 10 |
| 101 | Room temperature magnetism in Ni-doped CdSe nanoparticles. Journal of Materials Science: Materials in Electronics, 2011, 22, 901-904. | 2.2 | 11 |
| 102 | Room temperature ferromagnetism in solvothermally synthesized pure CdSe and CdSe:Ni nanorods. Journal of Materials Science: Materials in Electronics, 2011, 22, 1456-1459. | 2.2 | 10 |
| 103 | An efficient novel low voltage field electron emitter with cathode consisting of template synthesized copper microarrays. Journal of Materials Science: Materials in Electronics, 2011, 22, 1725-1729. | 2.2 | 1 |
| 104 | Solvothermally synthesized europium-doped CdS nanorods: applications as phosphors. Journal of Nanoparticle Research, 2011, 13, 5465-5471. | 1.9 | 32 |
| 105 | Microwave assisted synthesis of ZnO:Cu nano-phosphors and their photoluminescence behaviour. Journal of Materials Science: Materials in Electronics, 2010, 21, 765-771. | 2.2 | 14 |
| 106 | Morphology and time resolved photoluminescence of electrochemically synthesized zinc oxide nanowires. Journal of Materials Science: Materials in Electronics, 2010, 21, 1277-1280. | 2.2 | 10 |
| 107 | Study of energy transfer from capping agents to intrinsic vacancies/defects in passivated ZnS nanoparticles. Journal of Nanoparticle Research, 2010, 12, 2655-2666. | 1.9 | 54 |
| 108 | LASER-INDUCED PHOTOLUMINESCENT STUDIES OF Al-DOPED ZINC OXIDE NANOPARTICLES. International Journal of Nanoscience, 2010, 09, 439-445. | 0.7 | 1 |

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|-----|--|-----|-----------|
| 109 | Photoluminescence characteristics of synthesized copper doped Cd ^{1-x} Zn ^x S quantum dots. Journal of Materials Science: Materials in Electronics, 2009, 20, 1178-1181. | 2.2 | 6 |
| 110 | Photoluminescence properties of Eu ³⁺ -doped Cd ^{1-x} Zn ^x S quantum dots. Journal of Nanoparticle Research, 2009, 11, 1017-1021. | 1.9 | 20 |
| 111 | Effect of thermal annealing on pore density, pore size and pore homogeneity of polycarbonate NTFs. Radiation Measurements, 2008, 43, 1357-1359. | 1.4 | 13 |
| 112 | Effect of killer impurities on laser-excited barium-doped ZnS phosphors at liquid nitrogen temperature. Radiation Effects and Defects in Solids, 2008, 163, 805-811. | 1.2 | 0 |
| 113 | Study of dispersion, absorption and permittivity of an synthetic insulation paper with change in frequency and thermal aging. NDT and E International, 2006, 39, 19-21. | 3.7 | 5 |
| 114 | Laser based optical sensor for vibration measurements. NDT and E International, 2006, 39, 106-108. | 3.7 | 4 |
| 115 | Effect of temperature on excited state life-times of rare earth doped zinc oxide phosphors. Journal of Physics and Chemistry of Solids, 2006, 67, 868-870. | 4.0 | 3 |
| 116 | Optical characterization of ZnO nanobelts. Journal of Materials Science: Materials in Electronics, 2006, 17, 281-285. | 2.2 | 16 |
| 117 | Optical Properties of ZnO Phosphors Activated with Mn and Se Impurity. Journal of Optics (India), 2006, 35, 45-50. | 1.7 | 1 |
| 118 | Effect of frequency and thermal aging on various parameters of a dielectric. NDT and E International, 2005, 38, 573-574. | 3.7 | 2 |
| 119 | Variation of dielectric strength of a insulation paper with thermal aging. NDT and E International, 2005, 38, 459-461. | 3.7 | 19 |
| 120 | Photoluminescence study of template-synthesized silver microstructures. Journal of Materials Science, 2005, 40, 3833-3835. | 3.7 | 2 |
| 121 | Effect of Killer Impurities on Laser Excited Doped ZnS Phosphors. Journal of Optics (India), 2003, 32, 69-73. | 1.7 | 4 |