

Sakthi Kumar

List of Publications by Year in descending order

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138
papers

7,557
citations

87723

38
h-index

54797

84
g-index

155
all docs

155
docs citations

155
times ranked

13102
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Star-Shaped Polylactide Dipyridamole Conjugated to 5-Fluorouracil and 4-Piperidinopiperidine Nanocarriers for Bioimaging and Dual Drug Delivery in Cancer Cells. <i>ACS Applied Polymer Materials</i> , 2021, 3, 737-756. | 2.0 | 10 |
| 2 | Garcinol Encapsulated Ph-Sensitive Biodegradable Nanoparticles: A Novel Therapeutic Strategy for the Treatment of Inflammatory Bowel Disease. <i>Polymers</i> , 2021, 13, 862. | 2.0 | 16 |
| 3 | Three-Dimensional Visualization of Subcellular Dynamics of Cancer Cell Destruction on Therapeutic Nanodrug Treatment. <i>Small Structures</i> , 2021, 2, 2000145. | 6.9 | 5 |
| 4 | Controlled creation and annihilation of isolated robust emergent magnetic monopole like charged vertices in square artificial spin ice. <i>Scientific Reports</i> , 2021, 11, 13593. | 1.6 | 2 |
| 5 | Co-Delivery of Curcumin and Bioperine via PLGA Nanoparticles to Prevent Atherosclerotic Foam Cell Formation. <i>Pharmaceutics</i> , 2021, 13, 1420. | 2.0 | 12 |
| 6 | Nanotechnological approach to delivering nutraceuticals as promising drug candidates for the treatment of atherosclerosis. <i>Drug Delivery</i> , 2021, 28, 550-568. | 2.5 | 17 |
| 7 | Collagen-functionalized electrospun smooth and porous polymeric scaffolds for the development of human skin-equivalent. <i>RSC Advances</i> , 2020, 10, 26594-26603. | 1.7 | 21 |
| 8 | Heat Shock Protein 90 (Hsp90)-Inhibitor-Luminespib-Loaded-Protein-Based Nanoformulation for Cancer Therapy. <i>Polymers</i> , 2020, 12, 1798. | 2.0 | 9 |
| 9 | Inflammatory Bowel Disease: The Emergence of New Trends in Lifestyle and Nanomedicine as the Modern Tool for Pharmacotherapy. <i>Nanomaterials</i> , 2020, 10, 2460. | 1.9 | 14 |
| 10 | Structural and Electronic Transport Properties of Fluorographene Directly Grown on Silicates for Possible Biosensor Applications. <i>ACS Applied Nano Materials</i> , 2020, 3, 5399-5409. | 2.4 | 8 |
| 11 | GANT61 and curcumin-loaded PLGA nanoparticles for GIL1 and PI3K/Akt-mediated inhibition in breast adenocarcinoma. <i>Nanotechnology</i> , 2020, 31, 185102. | 1.3 | 38 |
| 12 | BioPerine Encapsulated Nanoformulation for Overcoming Drug-Resistant Breast Cancers. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 701-712. | 4.3 | 13 |
| 13 | Chlorotoxin modified morusin-PLGA nanoparticles for targeted glioblastoma therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5896-5919. | 2.9 | 39 |
| 14 | Advanced microscopic evaluation of parallel type I and type II cell deaths induced by multi-functionalized gold nanocages in breast cancer. <i>Nanoscale Advances</i> , 2019, 1, 989-1001. | 2.2 | 6 |
| 15 | Functionalized Carbon Nanowalls as Pro-Angiogenic Scaffolds for Endothelial Cell Activation. <i>ACS Applied Bio Materials</i> , 2019, 2, 1119-1130. | 2.3 | 9 |
| 16 | Application of Nanotechnology in Genetic Improvement in Crops. , 2019, , 3-24. | | 3 |
| 17 | Gold nanocages entering into the realm of high-contrast photoacoustic ocular imaging. <i>Nanoscale</i> , 2018, 10, 13959-13968. | 2.8 | 21 |
| 18 | Bioactive bacterial cellulose sulfate electrospun nanofibers for tissue engineering applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1634-1645. | 1.3 | 23 |

| # | ARTICLE | IF | CITATIONS |
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| 19 | Ultra-Low Power NIR Laser-Triggered Phototherapy and ^{125}I CT Imaging of Breast Cancer In Vivo. , 2018, , . | | 0 |
| 20 | Photodynamic therapy at ultra-low NIR laser power and X-Ray imaging using Cu_3BiS_3 nanocrystals. Theranostics, 2018, 8, 5231-5245. | 4.6 | 30 |
| 21 | Formulation, characterization and evaluation of morusin loaded niosomes for potentiation of anticancer therapy. RSC Advances, 2018, 8, 32621-32636. | 1.7 | 58 |
| 22 | Vesicular systems employing natural substances as promising drug candidates for MMP inhibition in glioblastoma: A nanotechnological approach. International Journal of Pharmaceutics, 2018, 551, 339-361. | 2.6 | 19 |
| 23 | Fabrication and characterization of sub-micron scale hall devices from 2-dimensional electron gas at the heterostructure of GaAs/AlGaAs. AIP Conference Proceedings, 2018, , . | 0.3 | 1 |
| 24 | Highly versatile SPION encapsulated PLGA nanoparticles as photothermal ablaters of cancer cells and as multimodal imaging agents. Biomaterials Science, 2017, 5, 432-443. | 2.6 | 61 |
| 25 | Anodically Grown Titania Nanotube Induced Cytotoxicity has Genotoxic Origins. Scientific Reports, 2017, 7, 41844. | 1.6 | 28 |
| 26 | Self assembled dual responsive micelles stabilized with protein for co-delivery of drug and siRNA in cancer therapy. Biomaterials, 2017, 133, 94-106. | 5.7 | 75 |
| 27 | Study of GaN nanowires converted from $\text{In}^2\text{-Ga}_2\text{O}_3$ and photoconduction in a single nanowire. Semiconductor Science and Technology, 2017, 32, 085012. | 1.0 | 13 |
| 28 | Scalable fabrication of prototype sensor for selective and sub-ppm level ethanol sensing based on TiO_2 nanotubes decorated porous silicon. Sensors and Actuators B: Chemical, 2017, 249, 602-610. | 4.0 | 46 |
| 29 | Ultra-fast microwave aided synthesis of gold nanocages and structural maneuver studies. Nano Research, 2017, 10, 1078-1091. | 5.8 | 15 |
| 30 | Application of electrospun CNx nanofibers as cathode in microfluidic fuel cell. Journal of Power Sources, 2017, 342, 165-174. | 4.0 | 22 |
| 31 | Tyrosinase- $\text{Conjugated Prussian Blue}$ -Modified Nickel Oxide Nanoparticles-Based Interface for Selective Detection of Dopamine. ChemistrySelect, 2017, 2, 6118-6128. | 0.7 | 16 |
| 32 | Capturing bacteria through a bio-sensitive heterostructure surface: Photoluminescence studies. , 2017, , . | | 0 |
| 33 | Smart Carriers and Nanohealers: A Nanomedical Insight on Natural Polymers. Materials, 2017, 10, 929. | 1.3 | 41 |
| 34 | Design, fabrication, characterization and packaging of bottom gate and nano-porous TiO_2 based FET. , 2017, , . | | 1 |
| 35 | Poly-lactic-co-glycolic acid Nanoformulation of Small Molecule Antagonist GANT61 for Cancer Annihilation by Modulating Hedgehog Pathway. NanoWorld Journal, 2017, 03, . | 0.8 | 13 |
| 36 | Novel paradigm of design and delivery of nutraceuticals with nanoscience and technology. , 2016, , 343-385. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Multifunctional CdS/CoFe ₂ O ₄ fluorescent/magnetic core/shell nanocomposite structure for bio-applications. Materials Research Express, 2016, 3, 045024. | 0.8 | 3 |
| 38 | Dual mode of cancer cell destruction for pancreatic cancer therapy using Hsp90 inhibitor loaded polymeric nano magnetic formulation. International Journal of Pharmaceutics, 2016, 511, 648-658. | 2.6 | 31 |
| 39 | Click modified amphiphilic graft copolymeric micelles of poly(styrene-alt-maleic anhydride) for combinatorial delivery of doxorubicin and plk-1 siRNA in cancer therapy. Journal of Materials Chemistry B, 2016, 4, 7303-7313. | 2.9 | 10 |
| 40 | Multifunctional Cu ₂ xTe Nanocubes Mediated Combination Therapy for Multi-Drug Resistant MDA MB 453. Scientific Reports, 2016, 6, 35961. | 1.6 | 48 |
| 41 | Methods of Using Nanoparticles. , 2016, , 65-93. | | 1 |
| 42 | Effect of Nanoparticles on Plants with Regard to Physiological Attributes. , 2016, , 119-153. | | 7 |
| 43 | Heat-Shock Protein 90â€œTargeted Nano Anticancer Therapy. Journal of Pharmaceutical Sciences, 2016, 105, 1454-1466. | 1.6 | 7 |
| 44 | Plasmonic fluorescent CdSe/Cu ₂ S hybrid nanocrystals for multichannel imaging and cancer directed photo-thermal therapy. Nanoscale, 2016, 8, 7876-7888. | 2.8 | 15 |
| 45 | N ₂ â€œPlasmaâ€œAssisted Oneâ€œStep Alignment and Patterning of Graphene Oxide on a SiO ₂ /Si Substrate Via the Langmuirâ€œBlodgett Technique. Advanced Materials Interfaces, 2015, 2, 1400515. | 1.9 | 10 |
| 46 | FITC/suramin harboring silica nanoformulations for cellular and embryonic imaging/anti-angiogenic theranostics. Journal of Materials Chemistry B, 2015, 3, 8079-8087. | 2.9 | 6 |
| 47 | An â€œall in oneâ€œ™ approach for simultaneous chemotherapeutic, photothermal and magnetic hyperthermia mediated by hybrid magnetic nanoparticles. RSC Advances, 2015, 5, 25066-25078. | 1.7 | 13 |
| 48 | Characterization of an exopolysaccharide with potential health-benefit properties from a probiotic Lactobacillus plantarum RJF4. LWT - Food Science and Technology, 2015, 64, 1179-1186. | 2.5 | 175 |
| 49 | Characterizing the biocompatibility and tumor-imaging capability of Cu ₂ S nanocrystals in vivo. Nanoscale, 2015, 7, 13061-13074. | 2.8 | 9 |
| 50 | Extremophilic polysaccharide nanoparticles for cancer nanotherapy and evaluation of antioxidant properties. International Journal of Biological Macromolecules, 2015, 76, 310-319. | 3.6 | 30 |
| 51 | Multi-stimuli responsive Cu ₂ S nanocrystals as trimodal imaging and synergistic chemo-photothermal therapy agents. Nanoscale, 2015, 7, 8378-8388. | 2.8 | 65 |
| 52 | Catalyst-Free Plasma Enhanced Growth of Graphene from Sustainable Sources. Nano Letters, 2015, 15, 5702-5708. | 4.5 | 124 |
| 53 | Targeting self-renewal pathways in cancer stem cells: clinical implications for cancer therapy. Oncogenesis, 2015, 4, e177-e177. | 2.1 | 144 |
| 54 | Extremophilic Polysaccharide for Biosynthesis and Passivation of Gold Nanoparticles and Photothermal Ablation of Cancer Cells. Particle and Particle Systems Characterization, 2015, 32, 54-64. | 1.2 | 18 |

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|----|--|------|-----------|
| 55 | Bacterial Exopolysaccharide Based Magnetic Nanoparticles: A Versatile Nanotool for Cancer Cell Imaging, Targeted Drug Delivery and Synergistic Effect of Drug and Hyperthermia Mediated Cancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 885-899. | 0.5 | 33 |
| 56 | Augmented cellular uptake and antiproliferation against pancreatic cancer cells induced by targeted curcumin and SPION encapsulated PLGA nanoformulation. <i>Materials Express</i> , 2014, 4, 183-195. | 0.2 | 14 |
| 57 | Hollow polymeric (PLGA) nano capsules synthesized using solvent emulsion evaporation method for enhanced drug encapsulation and release efficiency. <i>Materials Research Express</i> , 2014, 1, 045407. | 0.8 | 11 |
| 58 | Curcumin and 5-Fluorouracil-loaded, folate- and transferrin-decorated polymeric magnetic nanoformulation: a synergistic cancer therapeutic approach, accelerated by magnetic hyperthermia. <i>International Journal of Nanomedicine</i> , 2014, 9, 437. | 3.3 | 62 |
| 59 | Type 1 ribotoxin-curcumin conjugated biogenic gold nanoparticles for a multimodal therapeutic approach towards brain cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1657-1669. | 1.1 | 47 |
| 60 | Structurally Distinct Hybrid Polymer/Lipid Nanoconstructs Harboring a Type-I Ribotoxin as Cellular Imaging and Glioblastoma-Directed Therapeutic Vectors. <i>Macromolecular Bioscience</i> , 2014, 14, 1696-1711. | 2.1 | 18 |
| 61 | Green Approach for Augmenting Biocompatibility to Quantum Dots by Extremophilic Polysaccharide Conjugation and Nontoxic Bioimaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 1551-1558. | 3.2 | 21 |
| 62 | AS1411 Aptamer and Folic Acid Functionalized pH-Responsive ATRP Fabricated pPEGMA- <i>b</i> -PCL- <i>b</i> -pPEGMA Polymeric Nanoparticles for Targeted Drug Delivery in Cancer Therapy. <i>Biomacromolecules</i> , 2014, 15, 1737-1752. | 2.6 | 113 |
| 63 | Back Cover: <i>Macromol. Biosci.</i> 12/2014. <i>Macromolecular Bioscience</i> , 2014, 14, 1816-1816. | 2.1 | 0 |
| 64 | Acetosulfation of bacterial cellulose: An unexplored promising incipient candidate for highly transparent thin film. <i>Materials Express</i> , 2014, 4, 415-421. | 0.2 | 12 |
| 65 | Cytological and Subcellular Response of Cells Exposed to the Type-1 RIP Curcumin and its Hemocompatibility Analysis. <i>Scientific Reports</i> , 2014, 4, . | 1.6 | 7 |
| 66 | In vitro evaluation of antioxidant defense mechanism and hemocompatibility of mauran. <i>Carbohydrate Polymers</i> , 2013, 98, 108-115. | 5.1 | 19 |
| 67 | Biocompatible nanofibers based on extremophilic bacterial polysaccharide, Mauran from <i>Halomonas maura</i> . <i>Carbohydrate Polymers</i> , 2013, 92, 1225-1233. | 5.1 | 33 |
| 68 | Aptamer conjugated paclitaxel and magnetic fluid loaded fluorescently tagged PLGA nanoparticles for targeted cancer therapy. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 344, 116-123. | 1.0 | 42 |
| 69 | Fluorinated Graphene Oxide; a New Multimodal Material for Biological Applications. <i>Advanced Materials</i> , 2013, 25, 5632-5637. | 11.1 | 161 |
| 70 | Ecofriendly Route for the Synthesis of Highly Conductive Graphene Using Extremophiles for Green Electronics and Bioscience. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 573-578. | 1.2 | 26 |
| 71 | Pharmaceutically versatile sulfated polysaccharide based bionano platforms. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 605-626. | 1.7 | 76 |
| 72 | Multifunctional Carboxymethyl Cellulose-Based Magnetic Nanovector as a Theragnostic System for Folate Receptor Targeted Chemotherapy, Imaging, and Hyperthermia against Cancer. <i>Langmuir</i> , 2013, 29, 3453-3466. | 1.6 | 88 |

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|----|---|-----|-----------|
| 73 | Plant Diseasesâ€™ Control and Remedy Through Nanotechnology. , 2013, , 231-243. | | 6 |
| 74 | Bacterial exopolysaccharide based nanoparticles for sustained drug delivery, cancer chemotherapy and bioimaging. Carbohydrate Polymers, 2013, 91, 22-32. | 5.1 | 85 |
| 75 | Accelerated killing of cancer cells using a multifunctional single-walled carbon nanotube-based system for targeted drug delivery in combination with photothermal therapy. International Journal of Nanomedicine, 2013, 8, 2653. | 3.3 | 61 |
| 76 | Poly(<i>N</i> -isopropylacrylamide) hydrogel: Effect of hydrophilicity on controlled release of ibuprofen at different pH. Journal of Applied Polymer Science, 2012, 124, 5079-5088. | 1.3 | 6 |
| 77 | Synthesis of CuAlS ₂ Nanocrystals and Their Application in Bio-Imaging. Materials Express, 2012, 2, 94-104. | 0.2 | 13 |
| 78 | Synergistic Targeting of Cancer and Associated Angiogenesis Using Triple-Targeted Dual-Drug Silica Nanoformulations for Theragnostics. Small, 2012, 8, 3476-3489. | 5.2 | 33 |
| 79 | Drug Delivery: Synergistic Targeting of Cancer and Associated Angiogenesis Using Triple-Targeted Dual-Drug Silica Nanoformulations for Theragnostics (Small 22/2012). Small, 2012, 8, 3382-3382. | 5.2 | 1 |
| 80 | Biocompatible fluorescent zein nanoparticles for simultaneous bioimaging and drug delivery application. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2012, 3, 025006. | 0.7 | 38 |
| 81 | Aptamer-conjugated polymeric nanoparticles for targeted cancer therapy. Drug Delivery and Translational Research, 2012, 2, 418-436. | 3.0 | 16 |
| 82 | Functionalized electrophoretic deposition of CdSe quantum dots onto TiO ₂ electrode for photovoltaic application. Chemical Physics Letters, 2012, 539-540, 197-203. | 1.2 | 21 |
| 83 | Synthesis and application of luminescent single CdS quantum dot encapsulated silica nanoparticles directed for precision optical bioimaging. International Journal of Nanomedicine, 2012, 7, 3769. | 3.3 | 27 |
| 84 | Size tuning and oxygen plasma induced pore formation on silica nanoparticles. Progress in Natural Science: Materials International, 2012, 22, 193-200. | 1.8 | 4 |
| 85 | Aptamer-labeled PLGA nanoparticles for targeting cancer cells. Cancer Nanotechnology, 2012, 3, 1-12. | 1.9 | 50 |
| 86 | Curcumin Loaded-PLGA Nanoparticles Conjugated with Tet-1 Peptide for Potential Use in Alzheimer's Disease. PLoS ONE, 2012, 7, e32616. | 1.1 | 329 |
| 87 | AS1411 aptamer tagged PLGA-lecithin-PEG nanoparticles for tumor cell targeting and drug delivery. Biotechnology and Bioengineering, 2012, 109, 2920-2931. | 1.7 | 166 |
| 88 | Effect of Carbon Nanomaterials on the Germination and Growth of Rice Plants. Journal of Nanoscience and Nanotechnology, 2012, 12, 2212-2220. | 0.9 | 102 |
| 89 | Biomimetic smart nanocomposite: <i>in vitro</i> biological evaluation of zein electrospun fluorescent nanofiber encapsulated CdS quantum dots. Biofabrication, 2012, 4, 025008. | 3.7 | 39 |
| 90 | FITC Labeled Silica Nanoparticles as Efficient Cell Tags: Uptake and Photostability Study in Endothelial Cells. Journal of Fluorescence, 2012, 22, 537-548. | 1.3 | 38 |

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| 91 | PEG Coated Biocompatible Cadmium Chalcogenide Quantum Dots for Targeted Imaging of Cancer Cells. Journal of Fluorescence, 2012, 22, 931-944. | 1.3 | 18 |
| 92 | Rapid synthesis of triangular CdS nanocrystals without any trap emission. Journal of Nanoparticle Research, 2012, 14, 1. | 0.8 | 10 |
| 93 | Amyloid-Binding Aptamer Conjugated Curcumin-PLGA Nanoparticle for Potential Use in Alzheimer's Disease. BioNanoScience, 2012, 2, 83-93. | 1.5 | 24 |
| 94 | Synthesis of reduced graphene oxide-Fe ₃ O ₄ multifunctional freestanding membranes and their temperature dependent electronic transport properties. Carbon, 2012, 50, 1338-1345. | 5.4 | 87 |
| 95 | Aptamer-Functionalized Silica Nanoparticles for Targeted Cancer Therapy. BioNanoScience, 2012, 2, 1-8. | 1.5 | 16 |
| 96 | Green Synthesis, Characterization and In Vitro Biocompatibility of Starch Capped PbSe Nanoparticles. Advanced Science Letters, 2012, 16, 69-75. | 0.2 | 0 |
| 97 | Alzheimer's disease: Cholesterol a menace?. Brain Research Bulletin, 2011, 86, 1-12. | 1.4 | 29 |
| 98 | Fabrication and characterization of nanofibrous scaffold developed by electrospinning. Materials Research, 2011, 14, 317-325. | 0.6 | 14 |
| 99 | Polymeric Scaffolds in Tissue Engineering Application: A Review. International Journal of Polymer Science, 2011, 2011, 1-19. | 1.2 | 1,277 |
| 100 | Nanotechnology Platforms; An Innovative Approach to Brain Tumor Therapy. Medicinal Chemistry, 2011, 7, 488-503. | 0.7 | 11 |
| 101 | Curcumin nanoparticles- a gateway for multifaceted approach to tackle Alzheimer's disease. , 2011, , . | | 9 |
| 102 | Uptake of FITC Labeled Silica Nanoparticles and Quantum Dots by Rice Seedlings: Effects on Seed Germination and Their Potential as Biolabels for Plants. Journal of Fluorescence, 2011, 21, 2057-2068. | 1.3 | 120 |
| 103 | On structural, optical and dielectric properties of zinc aluminate nanoparticles. Bulletin of Materials Science, 2011, 34, 251-259. | 0.8 | 87 |
| 104 | Enhanced Bio-Compatibility of Ferrofluids of Self-Assembled Superparamagnetic Iron Oxide-Silica Core-Shell Nanoparticles. Journal of Nanoscience and Nanotechnology, 2011, 11, 1958-1967. | 0.9 | 23 |
| 105 | Near-infrared quantum dots for deep tissue imaging. Analytical and Bioanalytical Chemistry, 2010, 397, 1417-1435. | 1.9 | 172 |
| 106 | Inverse magnetocaloric effect in sol-gel derived nanosized cobalt ferrite. Applied Physics A: Materials Science and Processing, 2010, 99, 497-503. | 1.1 | 68 |
| 107 | Template-Assisted Synthesis and Characterization of Passivated Nickel Nanoparticles. Nanoscale Research Letters, 2010, 5, 889-897. | 3.1 | 34 |
| 108 | Nickel/carbon hybrid nanostructures as microwave absorbers. Materials Letters, 2010, 64, 1130-1132. | 1.3 | 37 |

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| 109 | Synthesis and properties of highly stable nickel/carbon core/shell nanostructures. Carbon, 2010, 48, 1643-1651. | 5.4 | 57 |
| 110 | Sensors Based On Carbon Nanotubes and Their Applications: A Review. Current Nanoscience, 2010, 6, 331-346. | 0.7 | 53 |
| 111 | Aptamer conjugated magnetic nanoparticles as nanosurgeons. Nanotechnology, 2010, 21, 455102. | 1.3 | 63 |
| 112 | Nanoparticulate material delivery to plants. Plant Science, 2010, 179, 154-163. | 1.7 | 1,226 |
| 113 | Blood Compatibility of Surface Modified Poly(ethylene terephthalate) (PET) by Plasma Polymerized Acetobromo- β -D-glucose. Journal of Biomaterials Applications, 2010, 24, 527-544. | 1.2 | 4 |
| 114 | Label-Free Determination of the Number of Biomolecules Attached to Cells by Measurement of the Cell's Electrophoretic Mobility in a Microchannel. PLoS ONE, 2010, 5, e15641. | 1.1 | 3 |
| 115 | Impact of zinc substitution on the structural and magnetic properties of chemically derived nanosized manganese zinc mixed ferrites. Journal of Magnetism and Magnetic Materials, 2009, 321, 1092-1099. | 1.0 | 99 |
| 116 | On the structural, magnetic and electrical properties of sol-gel derived nanosized cobalt ferrite. Journal of Alloys and Compounds, 2009, 485, 711-717. | 2.8 | 126 |
| 117 | Mechanism of ac conduction in nanostructured manganese zinc mixed ferrites. Journal Physics D: Applied Physics, 2009, 42, 165005. | 1.3 | 58 |
| 118 | On the dielectric dispersion and absorption in nanosized manganese zinc mixed ferrites. Journal of Physics Condensed Matter, 2009, 21, 146006. | 0.7 | 22 |
| 119 | Strain induced anomalous red shift in mesoscopic iron oxide prepared by a novel technique. Bulletin of Materials Science, 2008, 31, 759-766. | 0.8 | 11 |
| 120 | Evidence for polaron conduction in nanostructured manganese ferrite. Journal Physics D: Applied Physics, 2008, 41, 185005. | 1.3 | 149 |
| 121 | Characterization and Properties of the Plasma Polymer Films prepared from Carbon Dioxide and 1,3-Butadiene. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2007, 20, 817-822. | 0.1 | 0 |
| 122 | Plasma Polymerization of Manganese Chloride Tetraphenylporphyrin and Evaluation of the Thin Film. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2007, 20, 241-244. | 0.1 | 2 |
| 123 | Synthesis and Characterization of a Fullerene Derivatives. Molecular Crystals and Liquid Crystals, 2007, 463, 237/[519]-244/[526]. | 0.4 | 1 |
| 124 | Surface modification of poly(ethylene terephthalate) by plasma polymerization of poly(ethylene) Tj ETQq0 0 0 rgBT, /Overlock, 10 Tf 50 1 | 1.7 | 31 |
| 125 | One-pot Enzymatic Synthesis of Poly(L,L-lactide) by Immobilized Lipase Catalyst. Journal of Fiber Science and Technology, 2006, 62, 63-65. | 0.0 | 19 |
| 126 | Surface Modification of Plasma Polymerized Silicon Resin Films Produced at Different Gas Atmospheres. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2006, 19, 241-244. | 0.1 | 4 |

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| 127 | Evidence for intergranular tunnelling in polyaniline passivated $\hat{\pm}$ -Fe nanoparticles. <i>Nanotechnology</i> , 2006, 17, 4765-4772. | 1.3 | 21 |
| 128 | Halogen Plasma Treatment of Polyethylene Surfaces. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2005, 18, 251-254. | 0.1 | 3 |
| 129 | Chemical modification of poly(vinyl chloride) resin using poly(ethylene glycol) to improve blood compatibility. <i>Biomaterials</i> , 2005, 26, 3495-3502. | 5.7 | 139 |
| 130 | Electrical and optical properties of plasma polymerized eucalyptus oil films. <i>Journal of Applied Polymer Science</i> , 2003, 90, 1102-1107. | 1.3 | 19 |
| 131 | Dielectric properties of plasma polymerized pyrrole thin film capacitors. <i>Surface and Coatings Technology</i> , 2003, 169-170, 600-603. | 2.2 | 35 |
| 132 | Optical and electrical characterization of plasma polymerized pyrrole films. <i>Journal of Applied Physics</i> , 2003, 93, 2705-2711. | 1.1 | 37 |
| 133 | Structural, electrical, and optical studies of plasma-polymerized and iodine-doped poly pyrrole. <i>Journal of Applied Polymer Science</i> , 2002, 83, 1856-1859. | 1.3 | 27 |
| 134 | Structure and effect of pyrolysis on plasma polymerized polyfuran thin films. <i>Journal of Applied Polymer Science</i> , 2000, 75, 1176-1179. | 1.3 | 6 |
| 135 | On the mechanism of electrical conduction in plasma polymerized furan films. <i>Journal of Materials Science</i> , 2000, 35, 4427-4430. | 1.7 | 9 |
| 136 | Conduction mechanism in plasma polymerized lemongrass oil films. <i>Thin Solid Films</i> , 1999, 353, 249-253. | 0.8 | 5 |
| 137 | Dielectric properties of plasma polymerized furan thin film capacitors. <i>Materials Letters</i> , 1999, 41, 1-4. | 1.3 | 10 |
| 138 | CHAPTER 6. Nanotechnology in Anti-Aging: Nutraceutical Delivery and Related Applications. <i>RSC Drug Discovery Series</i> , 0, , 142-169. | 0.2 | 0 |