# Ramasamy Anbarasan

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 141 papers | 1,509 citations | 471509 17 h-index | 454955 30 g-index |
| 143 all docs | 143 docs citations | 143 times ranked | 1290 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Preparation of cellulose-PVA blended hydrogels for wound healing applications with controlled release of the antibacterial drug: an in vitro anticancer activity. Biomass Conversion and Biorefinery, 2024, 14, 3385-3395. | 4.6 | 5 |
| 2 | Synthesis and characterization of polysulfone-graft-poly(vinylchloride)-graft-2-methylimidazole membranes with Cu<sub>2</sub>O nanoparticles. Journal of Thermoplastic Composite Materials, 2023, 36, 2265-2284. | 4.2 | 1 |
| 3 | Synthesis, characterization and catalytic applications of CuOâ€“NiO bimetallic oxide nanoparticles towards the reduction of hazardous pollutants, derivative preparation and cross linking reaction. Applied Nanoscience (Switzerland), 2022, 12, 1643-1656. | 3.1 | 3 |
| 4 | In-vitro and in-vivo biological potential of the prepared Feroniella lucida mediated silver nanoparticles. Journal of Sol-Gel Science and Technology, 2022, 101, 411-419. | 2.4 | 7 |
| 5 | Effect of amine and acid functionalization on polyimide: A structure-property relationship study. Reactive and Functional Polymers, 2022, 173, 105237. | 4.1 | 4 |
| 6 | Synthesis and characterization of functionalized polyvinylidene fluoride (<scp>PVDF)</scp> and the high temperature catalytic activity of <scp>PVDFâ€‹gâ€MAH</scp>/<scp>V<sub>2</sub>O<sub>5</sub></scp> nanocomposite toward transesterification reaction. Polymer Engineering and Science, 2022, 62, 3010-3025. | 3.1 | 5 |
| 7 | Crystallinity Change and Reduced Warpages on Thin Walled Parts-the Effect of Nano Fumed Silica on Polyacetal. Silicon, 2021, 13, 4611-4622. | 3.3 | 4 |
| 8 | Evaluation of mechanical, optical and thermal properties of PVA nanocomposites embedded with Fe2O3 nanofillers and the investigation of their thermal decomposition characteristics under non-isothermal heating condition. Polymer Bulletin, 2021, 78, 2191-2210. | 3.3 | 17 |
| 9 | Effect of nucleating agents on the nonâ€isothermal crystallization and degradation kinetics of poly(ethylene terephthalate). Polymers for Advanced Technologies, 2021, 32, 766-778. | 3.2 | 2 |
| 10 | Synthesis of Murraya koenigii Mediated Silver Nanoparticles and Their In Vitro and In Vivo Biological Potential. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 2971-2979. | 3.7 | 13 |
| 11 | Structural and Thermal Studies of Fluorescein and Rhodamin6G Grafted Diblock Copolymers. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 3549-3561. | 3.7 | 3 |
| 12 | Structural modification of natural fibers for fluorescent probe application. Polymers for Advanced Technologies, 2021, 32, 3205-3219. | 3.2 | 2 |
| 13 | Evaluation of physicochemical properties and catalytic activity of poly(PMDAH-co-ODA/PPDA) nanocomposites towards the removal of toxic pollutants. Chemosphere, 2021, 271, 129890. | 8.2 | 2 |
| 14 | Schiff base-Cu2+ complex catalyzed and initiated ring opening polymerization of É›-Caprolactone: Synthesis and characterization. Journal of Polymer Research, 2021, 28, 1. | 2.4 | 3 |
| 15 | Efficient catalytic activity of novel fluorescent polyimide embedded Ag and V2O5 nanoparticles towards the removal of hazardous pollutants. Journal of Hazardous Materials, 2021, 414, 125606. | 12.4 | 12 |
| 16 | Efficient catalytic application of Cu-Fe bimetallic nanoparticles towards the preparation of bio-medically important polymer based Schiff bases. Surfaces and Interfaces, 2021, 25, 101197. | 3.0 | 0 |
| 17 | Spectral, thermal and morphological studies of fluorescent dye grafted diblock copolymers. Journal of Macromolecular Science - Pure and Applied Chemistry, 2021, 58, 387-397. | 2.2 | 4 |
| 18 | Structural modification of aminoclay for catalytic applications. Chemical Engineering Communications, 2020, 207, 871-886. | 2.6 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Synthesis, characterization and applications of nano-Ag-tagged poly(Îµ-caprolactone-block-tetrahydrofuran). Polymer Bulletin, 2020, 77, 2631-2657. | 3.3 | 5 |
| 20 | Characterization and applications of amino acid-bridged nano-Ag end-capped diblock copolymer. Iranian Polymer Journal (English Edition), 2020, 29, 77-90. | 2.4 | 2 |
| 21 | Enhancement in thermal, mechanical and electrical properties of novel PVA nanocomposite embedded with SrO nanofillers and the analysis of its thermal degradation behavior by nonisothermal approach. Polymer Composites, 2020, 41, 1277-1290. | 4.6 | 15 |
| 22 | Catalytic reduction study of Zn anchored amnioclay towards the removal of hazardous pollutants. Materials Today: Proceedings, 2020, , . | 1.8 | 0 |
| 23 | Structural, thermal, spectral and sustainable drug release studies of deoxyfluorouridine tagged poly(d,l-Lactide). Polymer Bulletin, 2020, , 1. | 3.3 | 3 |
| 24 | Conjugated hydrophobic and hydrophilic blocks through a drug moiety as a leading macromolecular system for sustainable drug delivery. Journal of Polymer Research, 2020, 27, 1. | 2.4 | 5 |
| 25 | Facile synthesis of Fe nanospheres anchored aminoclay and its catalytic reduction of hazardous pollutants and oxidation activity. Journal of Dispersion Science and Technology, 2020, , 1-11. | 2.4 | 1 |
| 26 | Fabrication of polystyrene/carbon nanocomposites with superior mechanical properties. Polymer Engineering and Science, 2020, 60, 2046-2056. | 3.1 | 9 |
| 27 | Optical, electrical, mechanical, and thermal properties and non-isothermal decomposition behavior of poly(vinyl alcohol)â€“ZnO nanocomposites. Iranian Polymer Journal (English Edition), 2020, 29, 411-422. | 2.4 | 43 |
| 28 | Structural, Thermal, Morphological, Adsorption and Catalytic Properties of Poly(BPDAH-co-ODA/PPDA)-Ag/V2O5 Nanocomposites. Bulletin of Chemical Reaction Engineering and Catalysis, 2020, 15, 155-174. | 1.1 | 3 |
| 29 | Non-isothermal crystallization kinetics and degradation kinetics studies on barium thioglycolate end-capped poly(Îµ-caprolactone). Journal of Thermal Analysis and Calorimetry, 2019, 135, 3129-3140. | 3.6 | 12 |
| 30 | Structural, microstructural, electrical, thermal and non-isothermal degradation kinetic studies on technologically important poly(aniline)/CdO nanocomposites. Journal of Sol-Gel Science and Technology, 2019, 91, 611-623. | 2.4 | 6 |
| 31 | Removal of hazardous pollutants from wastewater: Catalytic applications of Mg nanoparticle functionalized aminoclay. Journal of Molecular Liquids, 2019, 296, 112005. | 4.9 | 3 |
| 32 | Synthesis, characterization, and catalytic application of ecofriendly Caâ€bridged aminoclay. International Journal of Chemical Kinetics, 2019, 51, 889-902. | 1.6 | 2 |
| 33 | Characterization and application of Cu based superhydrophobic catalyst. Progress in Natural Science: Materials International, 2019, 29, 371-378. | 4.4 | 6 |
| 34 | Synthesis, characterization, and application of fluorescent electrically conducting copolymer/metal-oxide nanocomposites. Polymer-Plastics Technology and Materials, 2019, 58, 1556-1570. | 1.3 | 0 |
| 35 | Evaluation of kinetic parameters for the crystallization and degradation process of synthesized strontium mercaptosuccinate functionalized poly(Îµ-caprolactone) by non-isothermal approach. Iranian Polymer Journal (English Edition), 2019, 28, 549-562. | 2.4 | 4 |
| 36 | Synthesis, characterization and non-isothermal degradation kinetics of poly(Îµ-caprolactone)/Fe3O4-dye nanocomposites. SN Applied Sciences, 2019, 1, 1. | 2.9 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Crystallization and degradation kinetics studies on Cu-TG functionalized poly(Îµ-caprolactone) by non-isothermal approach. Journal of Polymer Research, 2019, 26, 1. | 2.4 | 7 |
| 38 | Non-isothermal degradation kinetics of novel poly(monoethyleneglycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (dimethacrylate-co polymerization reaction. International Journal of Plastics Technology, 2019, 23, 29-38. | 3.1 | 1 |
| 39 | Non-Isothermal Crystallization and Degradation Kinetic Studies of Synthesized Mo-TG end Capped Poly(Îµ-Caprolactone). Macromolecular Research, 2019, 27, 386-395. | 2.4 | 4 |
| 40 | Optical, thermal, mechanical properties, and nonâ€isothermal degradation kinetic studies on PVA/CuO nanocomposites. Polymer Composites, 2019, 40, 3737-3748. | 4.6 | 39 |
| 41 | Non-isothermal Crystallization and Degradation Kinetics of Fe3O4â€“Thymolblue Functionalized Poly(Îµ-caprolactone). Journal of Polymers and the Environment, 2019, 27, 1259-1272. | 5.0 | 9 |
| 42 | Plasmonic silver nanospheres embedded Îµ-caprolactone/reduced graphite oxide nanolayers as active SERS substrates. Materials Science and Engineering C, 2019, 101, 431-437. | 7.3 | 2 |
| 43 | Synthesis, characterization and sustainable drug release activity of drug bridged diblock copolymer. SN Applied Sciences, 2019, 1, 1. | 2.9 | 1 |
| 44 | Micro structural and nonâ€isothermal crystallization and degradation kinetics studies on manganese thioglycolate end capped poly(Îµâ€caprolactone). Polymer Engineering and Science, 2019, 59, 633-642. | 3.1 | 3 |
| 45 | Aminoclay functionalized zinc nanoparticle: synthesis, spectral characterization and catalytic study. International Journal of Environmental Science and Technology, 2019, 16, 4621-4630. | 3.5 | 5 |
| 46 | Synthesis, characterization and ring opening activity of barium mercaptoacetate towards Îµ-caprolactone. Polymer Bulletin, 2019, 76, 5381-5397. | 3.3 | 7 |
| 47 | Synthesis, characterization and catalytic activity of copolymer/metal oxide nanocomposites. Polymer Bulletin, 2019, 76, 4117-4138. | 3.3 | 5 |
| 48 | Thermal degradation and crystallization kinetics studies on synthesized calcium mercaptosuccinate end-capped poly(Îµ-caprolactone) nanocomposite. Polymer Bulletin, 2019, 76, 4991-5009. | 3.3 | 4 |
| 49 | Synthesis, spectral analysis, and catalytic activity of poly(anilineâ€coâ€congored)â€“metal oxide nanocomposites. Journal of Applied Polymer Science, 2018, 135, 46469. | 2.6 | 5 |
| 50 | Low temperature splinting activity and catalytic behavior of nano Ag doped sulphamicacid bridged diblock copolymer. Polymers for Advanced Technologies, 2018, 29, 2025-2035. | 3.2 | 10 |
| 51 | Effect of Magnetic Nanohybrid on the Structureâ€“Property Relationship of Poly(Styrene) Based Copolymer. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 854-862. | 3.7 | 0 |
| 52 | Synthesis, Characterization, Catalytic Reduction, and Splinting Activity of Poly(Îµâ€caprolactoneâ€“coâ€“morpholine)/Ag Nanocomposite. Advances in Polymer Technology, 2018, 37, 390-398. | 1.7 | 8 |
| 53 | Synthesis, characterization and adsorption behavior of cotton fiber based Schiff base. International Journal of Biological Macromolecules, 2018, 107, 1102-1112. | 7.5 | 39 |
| 54 | Synthesis, characterization and application of superhydrophobic low-cost Cu and Al nanoparticles. International Nano Letters, 2018, 8, 147-156. | 5.0 | 6 |

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|---|---|---|---|
| 55 | Synthesis, characterization and drug release activity of poly(epichlorohydrin-g-furosemide) system. Chemical Papers, 2018, 72, 2987-2996. | 2.2 | 4 |
| 56 | Synthesis, characterization, and drug release activity of structurally modified poly(vinyl alcohol). Journal of Applied Polymer Science, 2018, 135, 46620. | 2.6 | 2 |
| 57 | Sonication-assisted synthesis of polystyrene (PS)/organoclay nanocomposites: influence of clay content. Applied Nanoscience (Switzerland), 2017, 7, 215-223. | 3.1 | 10 |
| 58 | Synthesis, characterization and catalytic activity of nanosized Ni complexed aminoclay. Applied Nanoscience (Switzerland), 2017, 7, 577-588. | 3.1 | 9 |
| 59 | Catalytic activity of Ni complexed aminoclay towards the reduction of Cr(V), p-nitrophenol and fluorescein dye. Applied Nanoscience (Switzerland), 2017, 7, 655-666. | 3.1 | 8 |
| 60 | Synthesis, characterization, catalytic activity and solar cell study of poly(aniline-co-thymolblue)/metal oxide nanocomposites. Synthetic Metals, 2017, 232, 144-151. | 3.9 | 9 |
| 61 | Synthesis, characterization and catalytic activity of poly(Schiff base). International Journal of Plastics Technology, 2017, 21, 326-337. | 3.1 | 1 |
| 62 | Synthesis of fluorescent diblock copolymer nanoparticle supported catalyst for the reduction of Cr(VI), p-nitrophenol and rhodamine 6G dye: a comparative study. Bulletin of Materials Science, 2017, 40, 591-598. | 1.7 | 15 |
| 63 | Synthesis, characterization, and catalytic activity of fluorescent polyimide nanocomposites. Journal of Applied Polymer Science, 2017, 134, . | 2.6 | 13 |
| 64 | Synthesis, characterization, application and band gap study of calcium mercaptosuccinate. Journal of Thermoplastic Composite Materials, 2017, 30, 1056-1068. | 4.2 | 8 |
| 65 | Synthesis, characterization, catalytic and splinting activity of nano Ag end capped <scp>l</scp>â€glutathione bridged amphiphilic diblock copolymer. Journal of Applied Polymer Science, 2016, 133, . | 2.6 | 13 |
| 66 | Synthesis, characterisation and non-isothermal degradation kinetics of novel poly(mono ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.7 | 13 |
| 67 | Synthesis and characterization of pH responsive poly(vinyl chloride). International Journal of Plastics Technology, 2016, 20, 28-41. | 3.1 | 0 |
| 68 | Synthesis, characterization and drug release activity of poly(Îµ-caprolactone)/Fe<sub>3</sub>O<sub>4</sub>â€“alizarinred nanocomposites. Nanocomposites, 2016, 2, 98-107. | 4.2 | 16 |
| 69 | Synthesis, characterization and drug-delivery activity of rifampin anchored poly(vinyl alcohol). Bulletin of Materials Science, 2016, 39, 201-207. | 1.7 | 8 |
| 70 | Synthesis and characterization of novel fluorescent amphiphilic diblock copolymer. Polymer Bulletin, 2016, 73, 2147-2163. | 3.3 | 11 |
| 71 | Synthesis, Characterization and Applications of Poly(sulfanilic acid)â€Based Triblock Copolymer. Advances in Polymer Technology, 2016, 35, . | 1.7 | 10 |
| 72 | Synthesis and characterization of magnetic and fluorescent styrene coâ€polymer nanofiber. Journal of Applied Polymer Science, 2015, 132, . | 2.6 | 4 |

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| 73 | Thermal studies on benzamide and benzanilide grafted LDPE. Journal of Thermal Analysis and Calorimetry, 2015, 119, 73-84. | 3.6 | 5 |
| 74 | Synthesis and characterisation of poly(epichlorohydrin-g-Fe3O4/congo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (red)-co-poly(meth | 2.4 | 3 |
| 75 | Effect of sulphanilamide functionalized Fe3O4 nanohybrid on the settling behavior of starch. International Journal of Plastics Technology, 2015, 19, 167-177. | 3.1 | 1 |
| 76 | Synthesis, Characterization, Drug Delivery, and Splinting Activity of Folic Acid Bridged Poly(É›-caprolactone-co-tetrahydrofuran). International Journal of Polymeric Materials and Polymeric Biomaterials, 2015, 64, 620-627. | 3.4 | 18 |
| 77 | Synthesis and characterization of nano Ag end capped L-cysteine bridged diblock copolymer. Chinese Journal of Polymer Science (English Edition), 2015, 33, 1404-1420. | 3.8 | 10 |
| 78 | Synthesis, characterization and catalytic activity of furosemide-functionalized ferrite on the sedimentation behavior of starch. Applied Nanoscience (Switzerland), 2015, 5, 83-91. | 3.1 | 6 |
| 79 | Synthesis, characterization and catalytic activity of Ag-acidfuchsin nanohybrid system towards the ring opening polymerization of Îµ-caprolactone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 135, 93-100. | 3.9 | 17 |
| 80 | Synthesis, characterization and band gap energy of poly(Îµ-caprolactone)/Sr-MSA nano-composite. Journal Physics D: Applied Physics, 2014, 47, 135109. | 2.8 | 13 |
| 81 | Synthesis, characterization and drug delivery activity of poly(anthranilicacid) based triblock copolymer. Synthetic Metals, 2014, 189, 143-151. | 3.9 | 14 |
| 82 | Effect of Fe3O4 on the sedimentation and structureâ€“property relationship of starch under different pHs. International Journal of Biological Macromolecules, 2014, 67, 91-98. | 7.5 | 10 |
| 83 | Synthesis and characterization of fluorescent bio-degradable Poly (Îµ-Caprolactone). International Journal of Plastics Technology, 2014, 18, 135-145. | 3.1 | 10 |
| 84 | Effect of folic acid decorated magnetic fluorescent nanoparticles on the sedimentation of starch molecules. International Nano Letters, 2014, 4, 1. | 5.0 | 15 |
| 85 | Near infrared dye functionalized MWCNT as an effective initiator for the ring opening polymerization of Îµ-caprolactone. Journal of Polymer Research, 2013, 20, 1. | 2.4 | 24 |
| 86 | Thermal, melting and crystallinity behavior of esters grafted LDPE by thermolysis method. International Journal of Plastics Technology, 2013, 17, 61-74. | 3.1 | 4 |
| 87 | Fabrication of hierarchical structured superhydrophobic Copper surface by in-situ method with micro/nano scaled particles. Materials Letters, 2012, 66, 299-301. | 2.6 | 16 |
| 88 | Effect of multiwall carbon nanotube and au nanoparticle on the structureâ€“property relationship of poly(Nâ€“isopropyl acrylamide). Journal of Applied Polymer Science, 2012, 124, 3996-4006. | 2.6 | 5 |
| 89 | Synthesis and characterizations of nano sized MgO and its nano composite with poly(vinyl alcohol). Journal of Non-Crystalline Solids, 2011, 357, 181-185. | 3.1 | 44 |
| 90 | A novel report on Eosin Y functionalized MWCNT as an initiator for ring opening polymerization of É›-caprolactone. Materials Chemistry and Physics, 2011, 126, 584-590. | 4.0 | 19 |

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|---|---|---|---|
| 91 | Synthesis and characterization of Rosebengal/folicacid-functionalized multiwall carbon nanotubes. Journal of Materials Science, 2011, 46, 992-998. | 3.7 | 8 |
| 92 | Synthesis and characterizations of novel acid functionalized and fluorescent poly(Îµ-caprolactone). Journal of Materials Science, 2011, 46, 1796-1805. | 3.7 | 17 |
| 93 | Synthesis and characterization of Polymethacrylamideâ€“Clay nanocomposites. Journal of Applied Polymer Science, 2011, 121, 563-573. | 2.6 | 8 |
| 94 | Melt functionalization of LDPE with thio ester, amino ester, and hydroxy ester by thermolysis methodâ€”An FTIR study. Journal of Applied Polymer Science, 2011, 122, 2252-2261. | 2.6 | 3 |
| 95 | Effect of Substituents and Dopants on the Structureâ€“Property Relationship of Poly(Aniline)â€”A Comparative Study. Journal of Macromolecular Science - Physics, 2011, 50, 704-719. | 1.0 | 4 |
| 96 | Catalytic activity of V2O5 on aniline polymerization and the study of structural properties of poly(aniline)/V2O5 nano composite. E-Polymers, 2010, 10, . | 3.0 | 0 |
| 97 | FTIR study of the melt grafting of high density polyethylene with amino, sulfonate, and mercapto esters. Journal of Applied Spectroscopy, 2010, 77, 619-625. | 0.7 | 0 |
| 98 | Ultrasound assisted one pot synthesis of nano-sized CuO and its nanocomposite with poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 | 3.7 | 112 |
| 99 | Synthesis and characterizations of Cd2+, Pb2+ and Sr2+ containing divinyl monomers and their melt grafting reaction with LLDPE: an FTIR approach. Journal of Materials Science, 2010, 45, 3289-3299. | 3.7 | 1 |
| 100 | Synthesis and characterisations of poly(aniline-co-o/m-toluidine)/Sb2O3 nanocomposites. Micro and Nano Letters, 2010, 5, 241. | 1.3 | 10 |
| 101 | Melt functionalization of linear lowâ€density poly(ethylene) with succinimide and Nâ€hydroxy succinimide by thermolysis method. Journal of Applied Polymer Science, 2010, 115, 315-323. | 2.6 | 10 |
| 102 | Synthesis and characterizations of calcium di(meth)acrylate divinyl monomers and melt surface graft functionalization with linear low density poly(ethylene). Journal of Applied Polymer Science, 2010, 115, 2582-2590. | 2.6 | 8 |
| 103 | Synthesis, characterizations, and mechanical properties of structurally modified poly(vinyl alcohol). Journal of Applied Polymer Science, 2010, 117, 2059-2068. | 2.6 | 34 |
| 104 | Synthesis and characterizations of nanosized iron(II) hydroxide and iron(II) hydroxide/poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 | 2.6 | 6 |
| 105 | Synthesis and characterization of nanoâ€sized NiO and its surface catalytic effect on poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 2.6 | 18 |
| 106 | Melt grafting of metal salts onto LLDPE backbone â€“ An FTIR study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 76, 37-44. | 3.9 | 1 |
| 107 | Functionalization of HDPE with aminoester and hydroxyester by thermolysis methodâ€”An FTIR-RI approach. Thermochimica Acta, 2010, 510, 61-67. | 2.7 | 12 |
| 108 | Melt surface grafting of HDPE with mercaptoesters by thermolysis method. Polymer Engineering and Science, 2010, 50, 474-483. | 3.1 | 12 |

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| 109 | The Effect of Nanosized Layered Materials on the Structure-Property Relationship of Poly(aniline)s: An FTIR Kinetic Study. International Journal of Polymeric Materials and Polymeric Biomaterials, 2010, 60, 174-198. | 3.4 | 1 |
| 110 | Synthesis and Characterization of Nano-sized Zn(OH)2 and Zn(OH)2/PVA Nano-composite. Composite Interfaces, 2010, 17, 757-774. | 2.3 | 16 |
| 111 | Synthesis and characterization of Eosin Y functionalized MWCNT. , 2010, , . | | 1 |
| 112 | Synthesis, characterizations and hydrophobicity of micro/nano scaled heptadecafluorononanoic acid decorated copper nanoparticle. Nano-Micro Letters, 2010, 2, 101-105. | 27.0 | 20 |
| 113 | Chemical synthesis of poly(aniline-co-o/m-toluidine)/V2O5 nano composites and their characterizations. Synthetic Metals, 2010, 160, 2605-2612. | 3.9 | 10 |
| 114 | Synthesis, characterizations and hydrophobicity of micro/nano scaled heptadecafluorononanoic acid decorated copper nanoparticle. Nano-Micro Letters, 2010, 2, 101. | 27.0 | 1 |
| 115 | Ftir Spectroscopy: A Useful Tool for Structural Determination of Polyaniline and its Nanocomposites. Polymers and Polymer Composites, 2009, 17, 411-421. | 1.9 | 8 |
| 116 | SYNTHESIS AND CHARACTERIZATIONS OF Al(OH)3 AND Mg(OH)2 IN THE PRESENCE OF POLY(VINYL) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 0.7 | 1 |
| 117 | SYNTHESIS AND CHARACTERIZATION OF NANOSIZED <font>Mg(OH)</font><sub>2</sub> AND ITS NANOCOMPOSITE WITH POLY (VINYL ALCOHOL). Nano, 2009, 04, 147-156. | 1.0 | 25 |
| 118 | Metal oxide-assisted chemical synthesis of poly(Î±-naphthylamine) and characterizations. Journal of Materials Science, 2009, 44, 3542-3555. | 3.7 | 17 |
| 119 | Synthesis and characterizations of nano-sized Ni(OH)2 and Ni(OH)2/poly(vinyl alcohol) nano composite. Journal of Materials Science, 2009, 44, 5852-5860. | 3.7 | 27 |
| 120 | The structural properties of Poly(aniline)â€"Analysis via FTIR spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 74, 1229-1234. | 3.9 | 132 |
| 121 | Synthesis and characterizations of poly(Î±â€naphthylamine)â€"Nanocomposites. Polymer Composites, 2008, 29, 949-953. | 4.6 | 10 |
| 122 | Modification of nano-sized layered double hydroxides by long-chain organic aliphatic surfactants. Journal of the Serbian Chemical Society, 2008, 73, 321-331. | 0.8 | 5 |
| 123 | CLAY CATALYZED SYNTHESIS OF BIO-DEGRADABLE POLY(GLYCOLIC ACID). Chinese Journal of Polymer Science (English Edition), 2008, 26, 393. | 3.8 | 23 |
| 124 | Synthesis and Characterizations of Poly(aniline)â€"Natural Clay Nanocomposites. International Journal of Polymeric Materials and Polymeric Biomaterials, 2006, 55, 803-814. | 3.4 | 16 |
| 125 | Ester and epoxide functionalization of high-density polyethylene by thermolysis methodâ€"An FTIR study. Journal of Applied Polymer Science, 2005, 97, 761-765. | 2.6 | 17 |
| 126 | Functionalization and cross-linking of high-density polyethylene in the presence of dicumyl peroxideâ€"An FTIR study. Journal of Applied Polymer Science, 2005, 97, 766-774. | 2.6 | 20 |

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| 127 | Adsorption and intercalation of anionic surfactants onto layered double hydroxidesâ€"XRD study. Bulletin of Materials Science, 2005, 28, 145-149. | 1.7 | 48 |
| 128 | Sonochemical polymerization of acrylic acid and acrylamide in the presence of a new redox system? A comparative study. Journal of Applied Polymer Science, 2003, 89, 3685-3692. | 2.6 | 12 |
| 129 | Peroxydisulfate initiated graft copolymerization of aniline onto poly(propylene) fiber?A kinetic approach. Journal of Applied Polymer Science, 2003, 90, 3827-3834. | 2.6 | 3 |
| 130 | Modification of Textile Fibers. International Journal of Polymeric Materials and Polymeric Biomaterials, 2002, 51, 1-20. | 3.4 | 0 |
| 131 | Peroxomonosulphate initiated graft copolymerization of o-toluidine onto nylon 6 and wool fibers?A kinetic approach. Journal of Applied Polymer Science, 2002, 85, 2317-2326. | 2.6 | 20 |
| 132 | Free-radical grafting of 4-vinyl pyridine onto nylon 6 fiber. Journal of Applied Polymer Science, 2002, 86, 3108-3113. | 2.6 | 6 |
| 133 | Peroxosalts initiated graft copolymerization of aniline onto rayon fiber?A kinetic approach. Journal of Applied Polymer Science, 2001, 81, 468-478. | 2.6 | 9 |
| 134 | Peroxosalts Initiated Graft Copolymerization of o-toluidine onto Rayon Fibre â€" A Kinetic Approach. International Journal of Polymeric Materials and Polymeric Biomaterials, 2001, 48, 199-223. | 3.4 | 8 |
| 135 | Peroxy Disulphate Initiated Graft Copolymerization of o-toluidine onto Wool and Nylon6 Fibres -A Kinetic Approach. International Journal of Polymeric Materials and Polymeric Biomaterials, 2001, 49, 379-406. | 3.4 | 3 |
| 136 | Peroxomonosulphate initiated graft copolymerization of aniline onto poly(propylene) fibre - A kinetic approach. Composite Interfaces, 2000, 7, 317-329. | 2.3 | 8 |
| 137 | Peroxydisulphate initiated graft copolymerization ofo-toluidine onto synthetic fibres - A kinetic approach. Macromolecular Chemistry and Physics, 2000, 201, 1869-1876. | 2.2 | 15 |
| 138 | Effect of substituents on the adsorption behaviour of aza-Michael addition polymers: a comparative study. Polymer Bulletin, 0, , 1. | 3.3 | 0 |
| 139 | Effect of macro and molecular initiators on the structure-property relationship of poly(Îµ-caprolactone). Journal of Thermoplastic Composite Materials, 0, , 089270572110271. | 4.2 | 3 |
| 140 | Synthesis and characterization of metal-mercaptoacetate hybrids and its application towards ring-opening polymerization of Îµ-caprolactone: a comparative study. Polymer Bulletin, 0, , 1. | 3.3 | 0 |
| 141 | Effect of Polymer Structure on the Size and Shape of Metal and Metaloxide Nanopowder: A HR-TEM Approach. Nano, 0, , . | 1.0 | 1 |