

Min Zhi Rong

List of Publications by Year in descending order

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124
papers

6,193
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135
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docs citations

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times ranked

5446
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Room-Temperature Self-Healable and Remoldable Cross-linked Polymer Based on the Dynamic Exchange of Disulfide Bonds. <i>Chemistry of Materials</i> , 2014, 26, 2038-2046. | 6.7 | 459 |
| 2 | Polymer engineering based on reversible covalent chemistry: A promising innovative pathway towards new materials and new functionalities. <i>Progress in Polymer Science</i> , 2018, 80, 39-93. | 24.7 | 419 |
| 3 | Self-Healing Polymeric Materials Using Epoxy/Mercaptan as the Healant. <i>Macromolecules</i> , 2008, 41, 5197-5202. | 4.8 | 393 |
| 4 | A thermally remendable epoxy resin. <i>Journal of Materials Chemistry</i> , 2009, 19, 1289. | 6.7 | 237 |
| 5 | Photo-stimulated self-healing polyurethane containing dihydroxyl coumarin derivatives. <i>Polymer</i> , 2012, 53, 2691-2698. | 3.8 | 216 |
| 6 | Self-Healing of Polymers via Synchronous Covalent Bond Fission/Radical Recombination. <i>Chemistry of Materials</i> , 2011, 23, 5076-5081. | 6.7 | 198 |
| 7 | Sunlight driven self-healing, reshaping and recycling of a robust, transparent and yellowing-resistant polymer. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10683-10690. | 10.3 | 177 |
| 8 | Catalyst-free dynamic exchange of aromatic Schiff base bonds and its application to self-healing and remolding of crosslinked polymers. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19662-19668. | 10.3 | 166 |
| 9 | Mechanically Robust, Self-Healable, and Highly Stretchable "Living" Crosslinked Polyurethane Based on a Reversible C=C Bond. <i>Advanced Functional Materials</i> , 2018, 28, 1706050. | 14.9 | 155 |
| 10 | Analysis of the interfacial interactions in polypropylene/silica nanocomposites. <i>Polymer International</i> , 2004, 53, 176-183. | 3.1 | 137 |
| 11 | Mechanical properties of low nano-silica filled high density polyethylene composites. <i>Polymer Engineering and Science</i> , 2003, 43, 490-500. | 3.1 | 124 |
| 12 | Alkoxyamine with reduced homolysis temperature and its application in repeated autonomous self-healing of stiff polymers. <i>Polymer Chemistry</i> , 2013, 4, 4648. | 3.9 | 124 |
| 13 | Synthesis and characterization of epoxy with improved thermal remendability based on Diels-Alder reaction. <i>Polymer International</i> , 2010, 59, 1339-1345. | 3.1 | 122 |
| 14 | Improvement of Tribological Performance of Epoxy by the Addition of Irradiation Grafted Nano-Inorganic Particles. <i>Macromolecular Materials and Engineering</i> , 2002, 287, 111-115. | 3.6 | 120 |
| 15 | Self-healing, Reshaping, and Recycling of Vulcanized Chloroprene Rubber: A Case Study of Multitask Cyclic Utilization of Cross-linked Polymer. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2715-2724. | 6.7 | 106 |
| 16 | Interfacial effects in polypropylene-silica nanocomposites. <i>Journal of Applied Polymer Science</i> , 2004, 92, 1771-1781. | 2.6 | 104 |
| 17 | A dual mechanism single-component self-healing strategy for polymers. <i>Journal of Materials Chemistry</i> , 2010, 20, 6030. | 6.7 | 103 |
| 18 | Repeated Intrinsic Self-Healing of Wider Cracks in Polymer via Dynamic Reversible Covalent Bonding Molecularly Combined with a Two-Way Shape Memory Effect. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38538-38546. | 8.0 | 101 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Title is missing!. Journal of Materials Science Letters, 2000, 19, 1159-1161. | 0.5 | 99 |
| 20 | A seawater triggered dynamic coordinate bond and its application for underwater self-healing and reclaiming of lipophilic polymer. Chemical Science, 2016, 7, 2736-2742. | 7.4 | 97 |
| 21 | A sunlight self-healable transparent strain sensor with high sensitivity and durability based on a silver nanowire/polyurethane composite film. Journal of Materials Chemistry A, 2019, 7, 2315-2325. | 10.3 | 86 |
| 22 | Imparting Ultra-Low Friction and Wear Rate to Epoxy by the Incorporation of Microencapsulated Lubricant?. Macromolecular Materials and Engineering, 2009, 294, 20-24. | 3.6 | 76 |
| 23 | Stabilization of catechol-boronic ester bonds for underwater self-healing and recycling of lipophilic bulk polymer in wider pH range. Journal of Materials Chemistry A, 2016, 4, 14122-14131. | 10.3 | 75 |
| 24 | Self-Healing of Thermoplastics via Living Polymerization. Macromolecules, 2010, 43, 595-598. | 4.8 | 71 |
| 25 | Application of alkoxyamine in self-healing of epoxy. Journal of Materials Chemistry A, 2014, 2, 6558-6566. | 10.3 | 70 |
| 26 | Atomic force microscopy study on structure and properties of irradiation grafted silica particles in polypropylene-based nanocomposites. Journal of Applied Polymer Science, 2001, 80, 2218-2227. | 2.6 | 69 |
| 27 | Dynamic reversible bonds enable external stress-free two-way shape memory effect of a polymer network and the interrelated intrinsic self-healability of wider crack and recyclability. Journal of Materials Chemistry A, 2018, 6, 16053-16063. | 10.3 | 68 |
| 28 | Theoretical consideration and modeling of self-healing polymers. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 229-241. | 2.1 | 67 |
| 29 | Adaptable Interlocking Macromolecular Networks with Homogeneous Architecture Made from Immiscible Single Networks. Macromolecules, 2020, 53, 584-593. | 4.8 | 67 |
| 30 | Preparation of Binary Conductive Polymer Composites with Very Low Percolation Threshold by Latex Blending. Macromolecular Rapid Communications, 2003, 24, 889-893. | 3.9 | 61 |
| 31 | Thermally conductive glass fiber reinforced epoxy composites with intrinsic self-healing capability. Advanced Composites and Hybrid Materials, 2021, 4, 1048-1058. | 21.1 | 60 |
| 32 | Thermo-molded self-healing thermoplastics containing multilayer microreactors. Journal of Materials Chemistry A, 2013, 1, 7191. | 10.3 | 51 |
| 33 | Self-healing polymeric materials towards non-structural recovery of functional properties. Polymer International, 2014, 63, 1741-1749. | 3.1 | 49 |
| 34 | Preparation of graphene oxide and polymer-like quantum dots and their one- and two-photon induced fluorescence properties. Physical Chemistry Chemical Physics, 2016, 18, 4800-4806. | 2.8 | 49 |
| 35 | Role of reactive compatibilization in preparation of nanosilica/polypropylene composites. Polymer Engineering and Science, 2007, 47, 499-509. | 3.1 | 43 |
| 36 | Synergistic effect of dual targeting vaccine adjuvant with aminated β -glucan and CpG-oligodeoxynucleotides for both humoral and cellular immune responses. Acta Biomaterialia, 2018, 78, 211-223. | 8.3 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Irradiation-induced surface graft polymerization onto calcium carbonate nanoparticles and its toughening effects on polypropylene composites. <i>Polymer Engineering and Science</i> , 2005, 45, 529-538. | 3.1 | 41 |
| 38 | Reversibly Interlocked Macromolecule Networks with Enhanced Mechanical Properties and Wide pH Range of Underwater Self-Healability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27614-27624. | 8.0 | 41 |
| 39 | Interfacial interaction in Ag/polymer nanocomposite films. <i>Journal of Materials Science Letters</i> , 2001, 20, 1473-1476. | 0.5 | 40 |
| 40 | A Facile Approach Toward Scalable Fabrication of Reversible Shape-Memory Polymers with Bonded Elastomer Microphases as Internal Stress Provider. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700124. | 3.9 | 40 |
| 41 | Self-Healing of Polymer in Acidic Water toward Strength Restoration through the Synergistic Effect of Hydrophilic and Hydrophobic Interactions. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 37300-37309. | 8.0 | 39 |
| 42 | Effect of Drawing Induced Dispersion of Nano-Silica on Performance Improvement of Poly(propylene)-Based Nanocomposites. <i>Macromolecular Rapid Communications</i> , 2006, 27, 581-585. | 3.9 | 38 |
| 43 | A Novel Self-Healing Epoxy System with Microencapsulated Epoxy and Imidazole Curing Agent. <i>Advanced Composites Letters</i> , 2007, 16, 096369350701600. | 1.3 | 37 |
| 44 | Polypropylene composites filled with in-situ grafting polymerization modified nano-silica particles. <i>Journal of Materials Science</i> , 2004, 39, 3475-3478. | 3.7 | 36 |
| 45 | A facile heteroaggregate-template route to hollow magnetic mesoporous spheres with tunable shell structures. <i>Journal of Materials Chemistry</i> , 2011, 21, 9020. | 6.7 | 36 |
| 46 | A Very Simple Strategy for Preparing External Stress-Free Two-Way Shape Memory Polymers by Making Use of Hydrogen Bonds. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700714. | 3.9 | 33 |
| 47 | Topological rearrangement-derived homogeneous polymer networks capable of reversibly interlocking: From phantom to reality and beyond. <i>Materials Today</i> , 2020, 33, 45-55. | 14.2 | 33 |
| 48 | Electrical Response to Organic Vapor of Conductive Composites from Amorphous Polymer/Carbon Black Prepared by Polymerization Filling. <i>Macromolecular Materials and Engineering</i> , 2003, 288, 103-107. | 3.6 | 32 |
| 49 | A thermally remendable and reprocessable crosslinked methyl methacrylate polymer based on oxygen insensitive dynamic reversible C=ON bonds. <i>RSC Advances</i> , 2016, 6, 6350-6357. | 3.6 | 32 |
| 50 | Moisture Battery Formed by Direct Contact of Magnesium with Foamed Polyaniline. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1805-1809. | 13.8 | 31 |
| 51 | A novel sensor for organic solvent vapors based on conductive amorphous polymer composites: carbon black/poly(butyl methacrylate). <i>Polymer Bulletin</i> , 2003, 50, 99-106. | 3.3 | 30 |
| 52 | All-plant fiber composites. II: Water absorption behavior and biodegradability of unidirectional sisal fiber reinforced benzylated wood. <i>Polymer Composites</i> , 2003, 24, 367-379. | 4.6 | 30 |
| 53 | Surface grafting onto SiC nanoparticles with glycidyl methacrylate in emulsion. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3842-3852. | 2.3 | 30 |
| 54 | Continuous High-Content Keratin Fibers with Balanced Properties Derived from Wool Waste. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18148-18156. | 6.7 | 30 |

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| 55 | Effects of reactive compatibilization on the performance of nano-silica filled polypropylene composites. <i>Journal of Materials Science</i> , 2006, 41, 5767-5770. | 3.7 | 29 |
| 56 | Repeatedly Intrinsic Self-Healing of Millimeter-Scale Wounds in Polymer through Rapid Volume Expansion Aided Host-Guest Interaction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22534-22542. | 8.0 | 29 |
| 57 | Dynamically Cross-Linked Polymeric Binder-Made Durable Silicon Anode of a Wide Operating Temperature Li-Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28737-28748. | 8.0 | 28 |
| 58 | Adaptable Reversibly Interlocked Networks from Immiscible Polymers Enhanced by Hierarchy-Induced Multilevel Energy Consumption Mechanisms. <i>Macromolecules</i> , 2021, 54, 4802-4815. | 4.8 | 27 |
| 59 | External Stress-Free Reversible Multiple Shape Memory Polymers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31346-31355. | 8.0 | 25 |
| 60 | Improvement of conductive network quality in carbon black-filled polymer blends. <i>Journal of Applied Polymer Science</i> , 2002, 84, 2768-2775. | 2.6 | 24 |
| 61 | Interfacial interaction in sisal/epoxy composites and its influence on impact performance. <i>Polymer Composites</i> , 2002, 23, 182-192. | 4.6 | 24 |
| 62 | Tribological behavior of epoxy composites containing reactive SiC nanoparticles. <i>Journal of Applied Polymer Science</i> , 2007, 104, 2608-2619. | 2.6 | 24 |
| 63 | Thermo-moldable self-healing commodity plastics with heat resisting and oxygen-insensitive healant capable of room temperature redox cationic polymerization. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1858-1862. | 10.3 | 24 |
| 64 | Imparting External Stress-Free Two-Way Shape Memory Effect to Commodity Polyolefins by Manipulation of Their Hierarchical Structures. <i>ACS Macro Letters</i> , 2019, 8, 1141-1146. | 4.8 | 24 |
| 65 | Covalently Connecting Nanoparticles with Epoxy Matrix and its Effect on the Improvement of Tribological Performance of the Composites. <i>Polymers and Polymer Composites</i> , 2005, 13, 245-252. | 1.9 | 23 |
| 66 | Highly thermally conductive flexible copper clad laminates based on sea-island structured boron nitride/polyimide composites. <i>Composites Science and Technology</i> , 2022, 230, 109087. | 7.8 | 23 |
| 67 | Improvement of notch toughness of low nano-SiO ₂ filled polypropylene composites. <i>Journal of Materials Science Letters</i> , 2003, 22, 1027-1030. | 0.5 | 22 |
| 68 | The Preparation of Self-Reinforced Sisal Fiber Composites. <i>Polymers and Polymer Composites</i> , 2004, 12, 297-308. | 1.9 | 20 |
| 69 | Self-Healable and thiol-ene UV-curable waterborne polyurethane for anticorrosion coating. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47700. | 2.6 | 20 |
| 70 | Surface modification of magnetic metal nanoparticles and its influence on the performance of polymer composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 1070-1084. | 2.1 | 19 |
| 71 | Tailored modular assembly derived self-healing polythioureas with largely tunable properties covering plastics, elastomers and fibers. <i>Nature Communications</i> , 2022, 13, 2633. | 12.8 | 19 |
| 72 | Natural Vegetable Fibre / Plasticised Natural Vegetable Fibre - a Candidate for Low Cost and Fully Biodegradable Composite. <i>Advanced Composites Letters</i> , 1999, 8, 096369359900800. | 1.3 | 18 |

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|----|--|-----|-----------|
| 73 | Carbon black filled poly(2-ethylhexyl methacrylate) as a candidate for gas sensing material. <i>Journal of Materials Science Letters</i> , 2003, 22, 1057-1059. | 0.5 | 18 |
| 74 | Plant oil-based biofoam composites with balanced performance. <i>Polymer International</i> , 2009, 58, 403-411. | 3.1 | 18 |
| 75 | Graft Polymerization of Vinyl Monomers onto Nanosized Silicon Carbide Particles. <i>Polymers and Polymer Composites</i> , 2002, 10, 531-540. | 1.9 | 16 |
| 76 | Performance stabilization of conductive polymer composites. <i>Journal of Applied Polymer Science</i> , 2003, 89, 2438-2445. | 2.6 | 16 |
| 77 | Fabrication of Nanoparticle/Polymer Composites by In Situ Bubble-Stretching and Reactive Compatibilization. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 2093-2102. | 2.2 | 16 |
| 78 | A facile and scalable process to synthesize flexible lithium ion conductive glass-ceramic fibers. <i>RSC Advances</i> , 2019, 9, 4157-4161. | 3.6 | 16 |
| 79 | Carbon black-filled polyolefins as positive temperature coefficient materials: The effect of in situ grafting during melt compounding. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 127-134. | 2.1 | 15 |
| 80 | Gas Sensing Materials from Carbon Black/Poly(Methyl Methacrylate) Composites. <i>Polymers and Polymer Composites</i> , 2003, 11, 291-299. | 1.9 | 15 |
| 81 | Implementation of the Pulley Effect of Polyrotaxane in Transparent Bulk Polymer for Simultaneous Strengthening and Toughening. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000371. | 3.9 | 15 |
| 82 | Viscoelasticity and flow behavior of irradiation grafted nano-inorganic particle filled polypropylene composites in the melt state. <i>Science and Technology of Advanced Materials</i> , 2002, 3, 111-116. | 6.1 | 14 |
| 83 | Mechanical Properties of Nanocomposites from Ball Milling Grafted Nano-Silica/Polypropylene Block Copolymer. <i>Polymers and Polymer Composites</i> , 2004, 12, 257-268. | 1.9 | 14 |
| 84 | A Comparative Study of Nanosilica/Poly(propylene) Composites Prepared by Reactive Compatibilization. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 1826-1835. | 2.2 | 14 |
| 85 | Interfacial effects in short sisal fiber/maleated castor oil foam composites. <i>Composite Interfaces</i> , 2008, 15, 95-110. | 2.3 | 14 |
| 86 | All-Plant Fibre Composites: Self Reinforced Composites Based on Sisal. <i>Advanced Composites Letters</i> , 2001, 10, 096369350101000. | 1.3 | 13 |
| 87 | Thermal stability of frictional surface layer and wear debris of epoxy nanocomposites in relation to the mechanism of tribological performance improvement. <i>Journal of Materials Science</i> , 2004, 39, 3817-3820. | 3.7 | 12 |
| 88 | Effect of Soft Segments of Waterborne Polyurethane on Organic Vapor Sensitivity of Carbon Black Filled Waterborne Polyurethane Composites. <i>Polymer Journal</i> , 2006, 38, 799-806. | 2.7 | 12 |
| 89 | Enhancement of intrinsic thermal conductivity of liquid crystalline epoxy through the strategy of interlocked polymer networks. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1137-1149. | 5.9 | 12 |
| 90 | Heat treatment-induced multiple melting behavior of carbon black-filled polymer blends in relation to the conductive performance stabilization. <i>Journal of Applied Polymer Science</i> , 2001, 80, 1267-1273. | 2.6 | 11 |

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|-----|---|------|-----------|
| 91 | Effects of Processing on Electric Response of Carbon Black Filled Poly(methyl methacrylate) Composites against Organic Solvent Vapors. <i>Polymer Journal</i> , 2003, 35, 1003-1008. | 2.7 | 11 |
| 92 | Deformation Characteristics of Nano-SiO ₂ Filled Polypropylene Composites. <i>Polymers and Polymer Composites</i> , 2003, 11, 559-562. | 1.9 | 11 |
| 93 | Preparation of bifunctionalized phenylene-bridged periodic mesoporous organosilica for solid-phase microextraction. <i>RSC Advances</i> , 2014, 4, 168-174. | 3.6 | 11 |
| 94 | Moisture Battery Formed by Direct Contact of Magnesium with Foamed Polyaniline. <i>Angewandte Chemie</i> , 2016, 128, 1837-1841. | 2.0 | 11 |
| 95 | Improving creep resistance while maintaining reversibility of covalent adaptive networks via constructing reversibly interlocked polymer networks. <i>Materials Today Chemistry</i> , 2022, 23, 100687. | 3.5 | 11 |
| 96 | Controllable Depolymerization and Recovery of Interlocked Covalent Adaptable Networks via Cascading Reactions of the Built-In Reversible Bonds. <i>Macromolecules</i> , 2022, 55, 262-269. | 4.8 | 11 |
| 97 | Polyurethane/Polyolefin Blends: Morphology, Compatibilization and Mechanical Properties. <i>Polymers and Polymer Composites</i> , 2006, 14, 1-11. | 1.9 | 10 |
| 98 | Analysis of gas sensing behaviors of carbon black/waterborne polyurethane composites in low concentration organic vapors. <i>Journal of Materials Science</i> , 2007, 42, 4575-4580. | 3.7 | 10 |
| 99 | The critical role of inter-component hydrogen bonds in the formation of reversibly interlocked polymer networks. <i>Materials Chemistry Frontiers</i> , 2021, 6, 52-62. | 5.9 | 10 |
| 100 | Time dependent percolation of carbon black filled polymer composites in response to solvent vapor. <i>Journal of Materials Science</i> , 2005, 40, 2065-2068. | 3.7 | 9 |
| 101 | Grafting of Poly(glycidyl methacrylate) onto Nano-SiO ₂ and Its Reactivity in Polymers. <i>Polymer Journal</i> , 2005, 37, 677-685. | 2.7 | 9 |
| 102 | Improvement of multiple-responsive shape memory effects of wool through increasing the content of disulfide bonds. <i>Polymer</i> , 2020, 188, 122130. | 3.8 | 9 |
| 103 | Self-healing epoxy with a fast and stable extrinsic healing system based on BF ₃ •amine complex. <i>RSC Advances</i> , 2016, 6, 100796-100803. | 3.6 | 8 |
| 104 | Photo-induced topological self-reorganization and self-growth of polymer based on dynamic reversible aromatic pinacol units. <i>Polymer</i> , 2020, 192, 122299. | 3.8 | 8 |
| 105 | A novel strategy for producing high-performance continuous regenerated fibers with wool-like structure. <i>SusMat</i> , 2022, 2, 90-103. | 14.9 | 7 |
| 106 | Interfacial interaction in stainless steel fiber-filled polypropylene composites. <i>Journal of Applied Polymer Science</i> , 2000, 78, 2174-2179. | 2.6 | 6 |
| 107 | Thermally induced performance decay in conductive polymer composites. <i>Polymer Composites</i> , 2004, 25, 270-279. | 4.6 | 6 |
| 108 | In situ melt grafting in carbon black/polyolefin composites and its influence on conductive performance. <i>Polymer International</i> , 2004, 53, 944-950. | 3.1 | 6 |

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|-----|--|-----|-----------|
| 109 | Strategy of fabrication of controlled thermosetting gel based on soybean oil towards supercritical carbon dioxide foaming. <i>Green Chemistry</i> , 2014, 16, 1225-1235. | 9.0 | 6 |
| 110 | UV-Curable Polyurethane Elastomer with UV-Irradiation/Thermo Dual-Activated Self-Healability. <i>Macromolecular Materials and Engineering</i> , 2022, 307, . | 3.6 | 6 |
| 111 | Mechanical enhancement mechanism of interlocked polymer networks. <i>Materials Today Physics</i> , 2022, 27, 100768. | 6.0 | 6 |
| 112 | Nanostructured Silver/Polystyrene Composite Film: Preparation and Ultrafast Third-Order Optical Nonlinearity. <i>Polymers and Polymer Composites</i> , 2002, 10, 291-298. | 1.9 | 5 |
| 113 | Enzyme degradability of benzylated sisal and its self-reinforced composites. <i>Polymers for Advanced Technologies</i> , 2003, 14, 676-685. | 3.2 | 5 |
| 114 | Performance Improvement of Nano-silica/Polypropylene Composites through in-situ Graft Modification of Nanoparticles during Melt Compounding. <i>E-Polymers</i> , 2007, 7, . | 3.0 | 5 |
| 115 | Surface functionalization of Si ₃ N ₄ nanoparticles by graft polymerization of glycidyl methacrylate and styrene. <i>Journal of Applied Polymer Science</i> , 2006, 102, 992-999. | 2.6 | 4 |
| 116 | Localized compatibilization in immiscible blends of thermoplastic polyurethane and ethylene-octylene copolymer. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1309-1315. | 2.6 | 4 |
| 117 | Self-Healing Polymers and Polymer Composites. , 0, , 29-71. | | 4 |
| 118 | Electrical resistance response of poly(ethylene oxide)-based conductive composites to organic vapors: Effect of filler content, vapor species, and temperature. <i>Journal of Applied Polymer Science</i> , 2005, 98, 1517-1523. | 2.6 | 3 |
| 119 | Self-healing of thermally molded commodity plastics based on heat-resistant and anti-aging healing systems. <i>RSC Advances</i> , 2016, 6, 93410-93418. | 3.6 | 3 |
| 120 | Organic vapor sensibility of carbon black/polyethylene wax composites. <i>Journal of Materials Science</i> , 2004, 39, 5617-5620. | 3.7 | 2 |
| 121 | Highly Filled Nano-CdS/Polystyrene Nanocomposite Film with Self-Organization Behavior. <i>Polymers and Polymer Composites</i> , 2003, 11, 441-448. | 1.9 | 1 |
| 122 | Organic Vapour Sensor from Carbon Black Filled Amorphous Polymer Composite: Effects of Processing, Carbon Fibres and Irradiation. <i>Polymers and Polymer Composites</i> , 2005, 13, 213-221. | 1.9 | 1 |
| 123 | Preparation of a water soluble aminated β -D-glucan for gene carrier: The in vitro study of the anti-inflammatory activity and transfection efficiency. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2506-2515. | 4.0 | 1 |
| 124 | Percolation and Gas Sensing Behaviours of Ternary Conductive Composites: Vapour-Grown Carbon Fibres/Carbon Black/Poly(Methyl Methacrylate). <i>Advanced Composites Letters</i> , 2003, 12, 096369350301200. | 1.3 | 0 |