

Qiang Ren

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Synthesis and storage stability investigation on curing agent microcapsules of imidazole derivatives with aqueous polyurethane as the shell. <i>Polymer Bulletin</i> , 2022, 79, 10295-10311. | 3.3 | 3 |
| 2 | Proton exchange membranes containing densely alkyl sulfide sulfonated side chains for vanadium redox flow battery. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 9319-9330. | 7.1 | 21 |
| 3 | RAFT surfactant-free cationic emulsion polymerization of styrene: effect of hydrophobicity of block macro-RAFT agent. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 232-242. | 2.2 | 2 |
| 4 | New soluble polyamides with high transparency and improved gas separation properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 44-51. | 2.2 | 4 |
| 5 | Synthesis and performances of 9,9-bis(perfluorohexylethyl propionate) fluorene copolymers. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50434. | 2.6 | 3 |
| 6 | High conductivity and alkaline stability of anion exchange membranes containing multiple flexible side-chain piperidinium ions. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6904-6912. | 5.9 | 23 |
| 7 | Tailoring Stress and Ion-Transport Kinetics via a Molecular Layer Deposition-Induced Artificial Solid Electrolyte Interphase for Durable Silicon Composite Anodes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 32520-32530. | 8.0 | 16 |
| 8 | High thermal stability and low dielectric constant of soluble polyimides containing asymmetric bulky pendant groups. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 880-889. | 2.2 | 6 |
| 9 | Soluble Polyimides Containing Bulky Rigid Terphenyl Groups with Low Dielectric Constant and High Thermal Stability. <i>Journal of Electronic Materials</i> , 2021, 50, 6981-6990. | 2.2 | 10 |
| 10 | Realizing the enhanced cyclability of a cactus-like NiCo ₂ O ₄ nanocrystal anode fabricated by molecular layer deposition. <i>Dalton Transactions</i> , 2021, 50, 511-519. | 3.3 | 3 |
| 11 | Cross-linking fluorene copolymers via thiol-ene click chemistry. <i>Synthetic Metals</i> , 2021, 282, 116936. | 3.9 | 2 |
| 12 | Synthesis and characterization of an aromatic diamine and its polyimides containing asymmetric large side groups. <i>Polymer Bulletin</i> , 2020, 77, 6509-6523. | 3.3 | 15 |
| 13 | Poly(aryl ether nitrile)s containing flexible side-chain-type quaternary phosphonium cations as anion exchange membranes. <i>Science China Materials</i> , 2020, 63, 533-543. | 6.3 | 33 |
| 14 | Anion exchange membranes with eight flexible side-chain cations for improved conductivity and alkaline stability. <i>Science China Materials</i> , 2020, 63, 2539-2550. | 6.3 | 26 |
| 15 | Highly Soluble Polyimides Containing Di-tert-butylbenzene and Dimethyl Groups with Good Gas Separation Properties and Optical Transparency. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020, 38, 759-768. | 3.8 | 8 |
| 16 | Thermo-expandable microcapsules with polyurethane as the shell. <i>Journal of Polymer Research</i> , 2020, 27, 1. | 2.4 | 12 |
| 17 | Moisture curable non-isocyanated polyacrylate triblock copolymer elastomers: synthesis and properties. <i>SN Applied Sciences</i> , 2019, 1, 1. | 2.9 | 1 |
| 18 | Synthesis of poly(sodium styrene sulfonate)-b-poly(butyl acrylate) block copolymers via RAFT emulsifier-free emulsion polymerization and their application in PEDOT aqueous dispersions. <i>Synthetic Metals</i> , 2019, 258, 116188. | 3.9 | 7 |

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|----|---|-----|-----------|
| 19 | Solution Processed Coating of Polyolefin on Melamine Foams to Fabricate Tough Oil Superabsorbents. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800436. | 3.6 | 11 |
| 20 | Synthesis and properties of new side-chain-type poly(arylene ether sulfone)s containing tri-imidazole cations as anion-exchange membranes. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 20739-20749. | 7.1 | 41 |
| 21 | Proton-conducting poly(ether sulfone ketone)s containing a high density of pendant sulfonic groups by a convenient and mild post-sulfonation. <i>Polymer Chemistry</i> , 2018, 9, 4984-4993. | 3.9 | 51 |
| 22 | Synthesis and characterization of amphiphilic graft copolymers with poly(ethylene glycol) as the hydrophilic backbone and poly(butyl methacrylate) as the hydrophobic graft chain. <i>Colloid and Polymer Science</i> , 2018, 296, 1545-1554. | 2.1 | 2 |
| 23 | Synthesis and properties of fluorinated polyimides with multi-bulky pendant groups. <i>RSC Advances</i> , 2017, 7, 26420-26427. | 3.6 | 35 |
| 24 | Graphene/star polymer nanocoating. <i>Progress in Organic Coatings</i> , 2017, 103, 15-22. | 3.9 | 10 |
| 25 | Synthesis and characterization of PEDOT aqueous dispersions with sulfonated polyfluorene as a template and doping agent. <i>Reactive and Functional Polymers</i> , 2016, 100, 83-88. | 4.1 | 12 |
| 26 | Sulfonated poly(aryl sulfide sulfone)s containing trisulfonated triphenylphosphine oxide moieties for proton exchange membrane. <i>Electrochimica Acta</i> , 2015, 177, 145-150. | 5.2 | 23 |
| 27 | One-Pack Epoxy Foaming with CO ₂ as Latent Blowing Agent. <i>ACS Macro Letters</i> , 2015, 4, 693-697. | 4.8 | 26 |
| 28 | Epoxy-functionalized star-shaped polymers as novel tougheners for epoxy resin. <i>Polymer Bulletin</i> , 2015, 72, 2949-2965. | 3.3 | 8 |
| 29 | Low Concentration Limitations of Catalyst and Conventional Free Radical Polymerization in ICAR ATRP of Butyl Methacrylate With PMDETA as the Ligand. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 609-616. | 2.2 | 5 |
| 30 | Development of Epoxy Foaming with CO ₂ as Latent Blowing Agent and Principle in Selection of Amine Curing Agent. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 11056-11064. | 3.7 | 20 |
| 31 | New fluorinated poly(ether sulfone imide)s with high thermal stability and low dielectric constant. <i>Materials Chemistry and Physics</i> , 2014, 143, 773-778. | 4.0 | 34 |
| 32 | Synthesis and properties of new fluorene-based polyimides containing trifluoromethyl and isopropyl substituents. <i>Materials Chemistry and Physics</i> , 2014, 144, 553-559. | 4.0 | 23 |
| 33 | Synthesis of amphiphilic block copolymers via ARGET ATRP using an inexpensive ligand of PMDETA. <i>Reactive and Functional Polymers</i> , 2013, 73, 1517-1522. | 4.1 | 8 |
| 34 | Synthesis and characterization of linear waterborne poly(ethyl acrylate-urethane) prepared from poly(ethyl acrylate) diol via atom transfer radical polymerization. <i>Journal of Applied Polymer Science</i> , 2012, 126, 66-71. | 2.6 | 1 |
| 35 | An investigation into synergistic effects of rare earth oxides on intumescent flame retardancy of polypropylene/poly(octylene-co-ethylene) blends. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1414-1421. | 3.2 | 35 |
| 36 | Synergistic effect of vermiculite on the intumescent flame retardance of polypropylene. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1225-1233. | 2.6 | 32 |

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|----|---|-----|-----------|
| 37 | Characterization of poly(butyl acrylate) diols prepared via atom transfer radical polymerization and subsequent modification. <i>Journal of Polymer Research</i> , 2010, 17, 551-556. | 2.4 | 10 |
| 38 | Aqueous self-condensing atom transfer radical copolymerization of a water-soluble inimer with cationic comonomer to prepare hyperbranched cationic polyelectrolytes. <i>Polymer International</i> , 2009, 58, 790-799. | 3.1 | 2 |
| 39 | Facile synthesis and characterization of star-shaped polystyrene: self-condensing atom transfer radical copolymerization of N -[4-(\pm -bromoisobutyryloxy)phenyl]maleimide and styrene. <i>Polymer International</i> , 2008, 57, 1090-1100. | 3.1 | 9 |
| 40 | Synthesis of branched polystyrene by ATRP exploiting divinylbenzene as branching comonomer. <i>European Polymer Journal</i> , 2006, 42, 2573-2580. | 5.4 | 17 |
| 41 | Preparation of hyperbranched polymers through ATRP of in situ formed AB* monomer. <i>Journal of Applied Polymer Science</i> , 2006, 101, 850-856. | 2.6 | 20 |
| 42 | Synthesis of PBMA- <i>b</i> -PGMA Block Copolymers via ICAR ATRP and their Application in Polymer/Titanium Dioxide Hybrid Materials. <i>Journal of Nano Research</i> , 0, 41, 63-73. | 0.8 | 3 |
| 43 | Synthesis and properties of methyl acrylate-co-MSiA copolymers. <i>Journal of Adhesion Science and Technology</i> , 0, , 1-16. | 2.6 | 0 |