

Ruming Jiang

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45
papers

2,043
citations

23
h-index

45
g-index

45
ext. papers

2,202
ext. citations

7.6
avg, IF

4.89
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 45 | Surface functionalized SiO nanoparticles with cationic polymers via the combination of mussel inspired chemistry and surface initiated atom transfer radical polymerization: Characterization and enhanced removal of organic dye. <i>Journal of Colloid and Interface Science</i> , 2017 , 499, 170-179 | 9.3 | 205 |
| 44 | A facile one-pot Mannich reaction for the construction of fluorescent polymeric nanoparticles with aggregation-induced emission feature and their biological imaging. <i>Materials Science and Engineering C</i> , 2017 , 81, 416-421 | 8.3 | 144 |
| 43 | Facile synthesis of polymeric fluorescent organic nanoparticles based on the self-polymerization of dopamine for biological imaging. <i>Materials Science and Engineering C</i> , 2017 , 77, 972-977 | 8.3 | 139 |
| 42 | Microwave-assisted multicomponent reactions for rapid synthesis of AIE-active fluorescent polymeric nanoparticles by post-polymerization method. <i>Materials Science and Engineering C</i> , 2017 , 80, 578-583 | 8.3 | 133 |
| 41 | Facile fabrication of luminescent polymeric nanoparticles containing dynamic linkages via a one-pot multicomponent reaction: Synthesis, aggregation-induced emission and biological imaging. <i>Materials Science and Engineering C</i> , 2017 , 80, 708-714 | 8.3 | 124 |
| 40 | Preparation of AIE-active fluorescent polymeric nanoparticles through a catalyst-free thiol-yne click reaction for bioimaging applications. <i>Materials Science and Engineering C</i> , 2017 , 80, 411-416 | 8.3 | 120 |
| 39 | Preparation of water soluble and biocompatible AIE-active fluorescent organic nanoparticles via multicomponent reaction and their biological imaging capability. <i>Chemical Engineering Journal</i> , 2017 , 308, 527-534 | 14.7 | 100 |
| 38 | Direct encapsulation of AIE-active dye with β -cyclodextrin terminated polymers: Self-assembly and biological imaging. <i>Materials Science and Engineering C</i> , 2017 , 78, 862-867 | 8.3 | 97 |
| 37 | Synthesis and cell imaging applications of amphiphilic AIE-active poly(amino acid)s. <i>Materials Science and Engineering C</i> , 2017 , 79, 563-569 | 8.3 | 94 |
| 36 | Facile construction and biological imaging of cross-linked fluorescent organic nanoparticles with aggregation-induced emission feature through a catalyst-free azide-alkyne click reaction. <i>Dyes and Pigments</i> , 2018 , 148, 52-60 | 4.6 | 92 |
| 35 | Recent development and prospects of surface modification and biomedical applications of MXenes. <i>Nanoscale</i> , 2020 , 12, 1325-1338 | 7.7 | 85 |
| 34 | Facile modification of nanodiamonds with hyperbranched polymers based on supramolecular chemistry and their potential for drug delivery. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 198-204 | 8.3 | 76 |
| 33 | Facile fabrication of organic dyed polymer nanoparticles with aggregation-induced emission using an ultrasound-assisted multicomponent reaction and their biological imaging. <i>Journal of Colloid and Interface Science</i> , 2018 , 519, 137-144 | 9.3 | 58 |
| 32 | A facile strategy for fabrication of aggregation-induced emission (AIE) active fluorescent polymeric nanoparticles (FPNs) via post modification of synthetic polymers and their cell imaging. <i>Materials Science and Engineering C</i> , 2017 , 79, 590-595 | 8.3 | 55 |
| 31 | Facile fabrication of luminescent hyaluronic acid with aggregation-induced emission through formation of dynamic bonds and their theranostic applications. <i>Materials Science and Engineering C</i> , 2018 , 91, 201-207 | 8.3 | 54 |
| 30 | Preparation of PEGylated polymeric nanoprobcs with aggregation-induced emission feature through the combination of chain transfer free radical polymerization and multicomponent reaction: Self-assembly, characterization and biological imaging applications. <i>Materials Science and Engineering C</i> , 2017 , 72, 352-358 | 8.3 | 38 |
| 29 | A powerful one-pot tool for fabrication of AIE-active luminescent organic nanoparticles through the combination of RAFT polymerization and multicomponent reactions. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1051-1058 | 7.8 | 37 |

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| 28 | Novel Strategy toward AIE-Active Fluorescent Polymeric Nanoparticles from Polysaccharides: Preparation and Cell Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 9955-9964 | 8.3 | 36 |
| 27 | Ultrafast construction and biological imaging applications of AIE-active sodium alginate-based fluorescent polymeric nanoparticles through a one-pot microwave-assisted DBner reaction. <i>Dyes and Pigments</i> , 2018 , 153, 99-105 | 4.6 | 32 |
| 26 | Ultrasonic-assisted Kabachnik-Fields reaction for rapid fabrication of AIE-active fluorescent organic nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2017 , 35, 319-325 | 8.9 | 26 |
| 25 | The one-step acetalization reaction for construction of hyperbranched and biodegradable luminescent polymeric nanoparticles with aggregation-induced emission feature. <i>Materials Science and Engineering C</i> , 2017 , 80, 543-548 | 8.3 | 25 |
| 24 | Microwave-assisted multicomponent tandem polymerization for rapid preparation of biodegradable fluorescent organic nanoparticles with aggregation-induced emission feature and their biological imaging applications. <i>Dyes and Pigments</i> , 2018 , 149, 581-587 | 4.6 | 24 |
| 23 | Surface grafting of Eu doped luminescent hydroxyapatite nanomaterials through metal free light initiated atom transfer radical polymerization for theranostic applications. <i>Materials Science and Engineering C</i> , 2017 , 77, 420-426 | 8.3 | 23 |
| 22 | Fabrication of multifunctional fluorescent organic nanoparticles with AIE feature through photo-initiated RAFT polymerization. <i>Polymer Chemistry</i> , 2017 , 8, 7390-7399 | 4.9 | 21 |
| 21 | Fabrication of AIE-active fluorescent polymeric nanoparticles with red emission through a facile catalyst-free amino-yne click polymerization. <i>Dyes and Pigments</i> , 2018 , 151, 123-129 | 4.6 | 19 |
| 20 | Ultrafast microwave-assisted multicomponent tandem polymerization for rapid fabrication of AIE-active fluorescent polymeric nanoparticles and their potential utilization for biological imaging. <i>Materials Science and Engineering C</i> , 2018 , 83, 115-120 | 8.3 | 19 |
| 19 | Synthesis and biological imaging of cross-linked fluorescent polymeric nanoparticles with aggregation-induced emission characteristics based on the combination of RAFT polymerization and the Biginelli reaction. <i>Journal of Colloid and Interface Science</i> , 2018 , 528, 192-199 | 9.3 | 19 |
| 18 | Self-catalyzed photo-initiated RAFT polymerization for fabrication of fluorescent polymeric nanoparticles with aggregation-induced emission feature. <i>Materials Science and Engineering C</i> , 2018 , 83, 154-159 | 8.3 | 16 |
| 17 | Facile construction of luminescent supramolecular assemblies with aggregation-induced emission feature through supramolecular polymerization and their biological imaging. <i>Materials Science and Engineering C</i> , 2018 , 85, 233-238 | 8.3 | 12 |
| 16 | AIE-active self-assemblies from a catalyst-free thiol-yne click reaction and their utilization for biological imaging. <i>Materials Science and Engineering C</i> , 2018 , 92, 61-68 | 8.3 | 12 |
| 15 | Fabrication of water dispersible and biocompatible AIE-active fluorescent polymeric nanoparticles through a one-pot Mannich reaction. <i>Polymer Chemistry</i> , 2017 , 8, 4746-4751 | 4.9 | 12 |
| 14 | Preparation of water dispersible and biocompatible nanodiamond-poly(amino acid) composites through the ring-opening polymerization. <i>Materials Science and Engineering C</i> , 2018 , 91, 496-501 | 8.3 | 11 |
| 13 | Ultrafast fabrication of fluorescent organic nanoparticles with aggregation-induced emission feature through the microwave-assisted Biginelli reaction. <i>Dyes and Pigments</i> , 2019 , 165, 90-96 | 4.6 | 10 |
| 12 | Red aggregation-induced emission luminogen and Gd codoped mesoporous silica nanoparticles as dual-mode probes for fluorescent and magnetic resonance imaging. <i>Journal of Colloid and Interface Science</i> , 2020 , 567, 136-144 | 9.3 | 9 |
| 11 | Fabrication and characterization of hyperbranched polyglycerol modified carbon nanotubes through the host-guest interactions. <i>Materials Science and Engineering C</i> , 2018 , 91, 458-465 | 8.3 | 9 |

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| 10 | Synthesis of fluorescent dendrimers with aggregation-induced emission features through a one-pot multi-component reaction and their utilization for biological imaging. <i>Journal of Colloid and Interface Science</i> , 2018 , 509, 327-333 | 9.3 | 9 |
| 9 | A novel strategy for fabrication of fluorescent hydroxyapatite based polymer composites through the combination of surface ligand exchange and self-catalyzed ATRP. <i>Materials Science and Engineering C</i> , 2018 , 92, 518-525 | 8.3 | 7 |
| 8 | The combination of controlled living polymerization and multicomponent reactions to prepare tetraphenylethylene-containing fluorescent block copolymers. <i>Dyes and Pigments</i> , 2019 , 171, 107673 | 4.6 | 7 |
| 7 | Facile preparation of fluorescent nanodiamond based polymer nanoparticles via ring-opening polymerization and their biological imaging. <i>Materials Science and Engineering C</i> , 2020 , 106, 110297 | 8.3 | 7 |
| 6 | Two birds one stone: Facile preparation of AIE-active fluorescent polymeric nanoparticles via self-catalyzed photo-mediated polymerization. <i>Applied Surface Science</i> , 2020 , 508, 144799 | 6.7 | 6 |
| 5 | The combination of Diels-Alder reaction and redox polymerization for preparation of functionalized CNTs for intracellular controlled drug delivery. <i>Materials Science and Engineering C</i> , 2020 , 109, 110442 | 8.3 | 6 |
| 4 | Fabrication of claviform fluorescent polymeric nanomaterials containing disulfide bond through an efficient and facile four-component Ugi reaction. <i>Materials Science and Engineering C</i> , 2021 , 118, 111437 | 8.3 | 6 |
| 3 | Preparation and biological imaging of fluorescent hydroxyapatite nanoparticles with poly(2-ethyl-2-oxazoline) through surface-initiated cationic ring-opening polymerization. <i>Materials Science and Engineering C</i> , 2020 , 108, 110424 | 8.3 | 4 |
| 2 | Click multiwalled carbon nanotubes: A novel method for preparation of carboxyl groups functionalized carbon quantum dots. <i>Materials Science and Engineering C</i> , 2020 , 108, 110376 | 8.3 | 4 |
| 1 | Fluorescent copolymers with aggregation-induced emission feature from a novel catalyst-free three-component tandem polymerization. <i>Dyes and Pigments</i> , 2020 , 172, 107868 | 4.6 | 1 |