

Ruming Jiang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
44	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
43	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
42	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
41	Recent development and prospects of surface modification and biomedical applications of MXenes. <i>Nanoscale</i> , 2020 , 12, 1325-1338	7.7	85
40	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
39	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
38	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
37	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
36	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
35	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
34	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
33	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
32	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
31	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
30	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
29	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

28	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
27	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
26	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
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	Direct encapsulation of AIE-active dye with cyclodextrin terminated polymers: Self-assembly and biological imaging. <i>Materials Science and Engineering C</i> , 2017 , 78, 862-867	8.3	97
15	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
14	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
13	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
12	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
11	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

10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	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
2	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
1	Preparation of PEGylated polymeric nanoproboscopes 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