

Qing Wan

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83
papers

4,502
citations

36
h-index

65
g-index

83
ext. papers

4,780
ext. citations

6.4
avg, IF

5.52
L-index

#	Paper	IF	Citations
83	Recent developments in polydopamine: an emerging soft matter for surface modification and biomedical applications. <i>Nanoscale</i> , 2016 , 8, 16819-16840	7.7	421
82	Preparation of amine functionalized carbon nanotubes via a bioinspired strategy and their application in Cu ²⁺ removal. <i>Applied Surface Science</i> , 2015 , 343, 19-27	6.7	279
81	Mussel-inspired fabrication of functional materials and their environmental applications: Progress and prospects. <i>Applied Materials Today</i> , 2017 , 7, 222-238	6.6	248
80	Facile preparation of MoS ₂ based polymer composites via mussel inspired chemistry and their high efficiency for removal of organic dyes. <i>Applied Surface Science</i> , 2017 , 419, 35-44	6.7	190
79	Recent progress and development on polymeric nanomaterials for photothermal therapy: a brief overview. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 194-206	7.3	165
78	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
77	Aggregation-induced emission active luminescent polymeric nanoparticles: Non-covalent fabrication methodologies and biomedical applications. <i>Applied Materials Today</i> , 2017 , 9, 145-160	6.6	135
76	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
75	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
74	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
73	Surface modification and drug delivery applications of MoS ₂ nanosheets with polymers through the combination of mussel inspired chemistry and SET-LRP. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 82, 205-213	5.3	105
72	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
71	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
70	Recent progress and advances in redox-responsive polymers as controlled delivery nanoplatfoms. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 807-822	7.8	93
69	Facile preparation of carbon nanotubes based carboxymethyl chitosan nanocomposites through combination of mussel inspired chemistry and Michael addition reaction: Characterization and improved Cu ²⁺ removal capability. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 68, 446-454	5.3	86
68	Surface modification of carbon nanotubes by combination of mussel inspired chemistry and SET-LRP. <i>Polymer Chemistry</i> , 2015 , 6, 1786-1792	4.9	79
67	Marrying multicomponent reactions and aggregation-induced emission (AIE): new directions for fluorescent nanoprobos. <i>Polymer Chemistry</i> , 2017 , 8, 5644-5654	4.9	73

66	PEGylation of carbon nanotubes via mussel inspired chemistry: Preparation, characterization and biocompatibility evaluation. <i>Applied Surface Science</i> , 2015 , 351, 425-432	6.7	65
65	Stimulus responsive cross-linked AIE-active polymeric nanoprobe: fabrication and biological imaging application. <i>Polymer Chemistry</i> , 2015 , 6, 8214-8221	4.9	59
64	Bioinspired preparation of thermo-responsive graphene oxide nanocomposites in an aqueous solution. <i>Polymer Chemistry</i> , 2015 , 6, 5876-5883	4.9	58
63	Mussel inspired functionalization of carbon nanotubes for heavy metal ion removal. <i>RSC Advances</i> , 2015 , 5, 68430-68438	3.7	55
62	Surface modification of carbon nanotubes via combination of mussel inspired chemistry and chain transfer free radical polymerization. <i>Applied Surface Science</i> , 2015 , 346, 335-341	6.7	55
61	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
60	A rather facile strategy for the fabrication of PEGylated AIE nanoprobe. <i>Polymer Chemistry</i> , 2015 , 6, 5288-5294	4.9	53
59	Carbon nanotube based polymer nanocomposites: biomimic preparation and organic dye adsorption applications. <i>RSC Advances</i> , 2015 , 5, 82503-82512	3.7	52
58	Fabrication and biological imaging application of AIE-active luminescent starch based nanoprobe. <i>Carbohydrate Polymers</i> , 2016 , 142, 38-44	10.3	52
57	Facile fabrication of amphiphilic AIE active glucan via formation of dynamic bonds: self assembly, stimuli responsiveness and biological imaging. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4033-4039	7.3	52
56	Towards development of a versatile and efficient strategy for fabrication of GO based polymer nanocomposites. <i>Polymer Chemistry</i> , 2015 , 6, 7211-7218	4.9	50
55	A bioinspired strategy for surface modification of silica nanoparticles. <i>Applied Surface Science</i> , 2015 , 357, 1996-2003	6.7	48
54	Bottom-up preparation of nitrogen doped carbon quantum dots with green emission under microwave-assisted hydrothermal treatment and their biological imaging. <i>Materials Science and Engineering C</i> , 2018 , 84, 60-66	8.3	47
53	One-step preparation of AIE-active dextran via formation of phenyl borate and their bioimaging application. <i>Chemical Engineering Journal</i> , 2016 , 304, 149-155	14.7	45
52	Ultrafast Preparation of AIE-Active Fluorescent Organic Nanoparticles via a "One-Pot" Microwave-Assisted Kabachnik-Fields Reaction. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1754-1759	4.8	40
51	Marrying mussel inspired chemistry with SET-LRP: A novel strategy for surface functionalization of carbon nanotubes. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 1872-1879	2.5	38
50	Preparation of PEGylated polymeric nanoprobe 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
49	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

48	Direct surface PEGylation of nanodiamond via RAFT polymerization. <i>Applied Surface Science</i> , 2015 , 357, 2147-2153	6.7	37
47	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
46	A one-step ultrasonic irradiation assisted strategy for the preparation of polymer-functionalized carbon quantum dots and their biological imaging. <i>Journal of Colloid and Interface Science</i> , 2018 , 532, 767-773	9.3	36
45	Facile and highly efficient fabrication of graphene oxide-based polymer nanocomposites through mussel-inspired chemistry and their environmental pollutant removal application. <i>Journal of Materials Science</i> , 2017 , 52, 504-518	4.3	36
44	A new strategy for fabrication of water dispersible and biodegradable fluorescent organic nanoparticles with AIE and ESIPT characteristics and their utilization for bioimaging. <i>Talanta</i> , 2017 , 174, 803-808	6.2	35
43	Fabrication of aggregation induced emission active luminescent chitosan nanoparticles via a "one-pot" multicomponent reaction. <i>Carbohydrate Polymers</i> , 2016 , 152, 189-195	10.3	34
42	Fabrication and biomedical applications of AIE active nanotheranostics through the combination of a ring-opening reaction and formation of dynamic hydrazones. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5692-5699	7.3	34
41	Mussel inspired preparation of highly dispersible and biocompatible carbon nanotubes. <i>RSC Advances</i> , 2015 , 5, 25329-25336	3.7	33
40	Preparation and controlled drug delivery applications of mesoporous silica polymer nanocomposites through the visible light induced surface-initiated ATRP. <i>Applied Surface Science</i> , 2017 , 412, 571-577	6.7	29
39	Toward the development of versatile functionalized carbon nanotubes. <i>RSC Advances</i> , 2015 , 5, 38316-38323	3.7	29
38	Surface modification of nanodiamond through metal free atom transfer radical polymerization. <i>Applied Surface Science</i> , 2016 , 390, 710-717	6.7	29
37	Construction of biodegradable and biocompatible AIE-active fluorescent polymeric nanoparticles by Ce(IV)/HNO redox polymerization in aqueous solution. <i>Materials Science and Engineering C</i> , 2017 , 78, 191-197	8.3	28
36	Biomimic modification of graphene oxide. <i>New Journal of Chemistry</i> , 2015 , 39, 8172-8178	3.6	28
35	Synthesis of amphiphilic fluorescent polymers via a one-pot combination of multicomponent Hantzsch reaction and RAFT polymerization and their cell imaging applications. <i>Polymer Chemistry</i> , 2017 , 8, 4805-4810	4.9	28
34	Synthesis of Amphiphilic Hyperbranched AIE-active Fluorescent Organic Nanoparticles and Their Application in Biological Application. <i>Macromolecular Bioscience</i> , 2016 , 16, 223-30	5.5	27
33	Fabrication of amphiphilic fluorescent nanoparticles with an AIE feature via a one-pot clickable mercaptoacetic acid locking imine reaction: synthesis, self-assembly and bioimaging. <i>Polymer Chemistry</i> , 2016 , 7, 4559-4566	4.9	26
32	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
31	Marrying the mussel inspired chemistry and Kabachnik-Fields reaction for preparation of SiO ₂ polymer composites and enhancement removal of methylene blue. <i>Applied Surface Science</i> , 2017 , 422, 17-27	6.7	25

30	Biomimic preparation of highly dispersible silica nanoparticles based polymer nanocomposites. <i>Ceramics International</i> , 2015 , 41, 15075-15082	5.1	25
29	Facile Fabrication of PEGylated Fluorescent Organic Nanoparticles with Aggregation-Induced Emission Feature via Formation of Dynamic Bonds and Their Biological Imaging Applications. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1657-1661	4.8	25
28	Direct surface grafting of mesoporous silica nanoparticles with phospholipid choline-containing copolymers through chain transfer free radical polymerization and their controlled drug delivery. <i>Journal of Colloid and Interface Science</i> , 2017 , 508, 396-404	9.3	25
27	Preparation of ultrabright AIE nanoprobes via dynamic bonds. <i>Tetrahedron</i> , 2015 , 71, 8791-8797	2.4	24
26	Fabrication, self-assembly and biomedical applications of luminescent sodium hyaluronate with aggregation-induced emission feature. <i>Materials Science and Engineering C</i> , 2017 , 81, 120-126	8.3	24
25	Photo-induced surface grafting of phosphorylcholine containing copolymers onto mesoporous silica nanoparticles for controlled drug delivery. <i>Materials Science and Engineering C</i> , 2017 , 79, 596-604	8.3	23
24	Preparation of polymeric silica composites through polydopamine-mediated surface initiated ATRP for highly efficient removal of environmental pollutants. <i>Materials Chemistry and Physics</i> , 2017 , 193, 501-511	4.4	21
23	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
22	Room temperature preparation of fluorescent starch nanoparticles from starch-dopamine conjugates and their biological applications. <i>Materials Science and Engineering C</i> , 2018 , 82, 204-209	8.3	20
21	Recent Advances and Future Prospects of Aggregation-induced Emission Carbohydrate Polymers. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1600575	4.8	19
20	Polymerizable aggregation-induced emission dye for preparation of cross-linkable fluorescent nanoprobes with ultra-low critical micelle concentrations. <i>Materials Science and Engineering C</i> , 2017 , 76, 586-592	8.3	19
19	Mussel-inspired PEGylated carbon nanotubes: biocompatibility evaluation and drug delivery applications. <i>Toxicology Research</i> , 2016 , 5, 1371-1379	2.6	19
18	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
17	Fabrication of AIE-active amphiphilic fluorescent polymeric nanoparticles through host-guest interaction. <i>RSC Advances</i> , 2016 , 6, 54812-54819	3.7	17
16	Facile Fabrication of AIE-Active Fluorescent Polymeric Nanoparticles with Ultra-Low Critical Micelle Concentration Based on Ce(IV) Redox Polymerization for Biological Imaging Applications. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1600752	4.8	16
15	Facile synthesis and characterization of poly(levodopa)-modified silica nanocomposites via self-polymerization of levodopa and their adsorption behavior toward Cu ²⁺ . <i>Journal of Materials Science</i> , 2016 , 51, 9625-9637	4.3	16
14	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
13	Synthesis and bioimaging of biodegradable red fluorescent organic nanoparticles with aggregation-induced emission characteristics. <i>Journal of Colloid and Interface Science</i> , 2017 , 508, 248-253	9.3	15

12	Rapid preparation of branched and degradable AIE-active fluorescent organic nanoparticles via formation of dynamic phenyl borate bond. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 150, 114-120	6	14
11	Nanodiamond based supermolecular nanocomposites: preparation and biocompatibility evaluation. <i>RSC Advances</i> , 2015 , 5, 96983-96989	3-7	13
10	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
9	Fabrication and biological imaging of polyhedral oligomeric silsesquioxane cross-linked fluorescent polymeric nanoparticles with aggregation-induced emission feature. <i>Applied Surface Science</i> , 2017 , 423, 469-475	6-7	11
8	Microwave-assisted Diels-Alder reaction for rapid synthesis of luminescent nanodiamond with AIE-active dyes and their biomedical applications. <i>Materials Chemistry and Physics</i> , 2017 , 197, 256-265	4-4	10
7	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
6	Fabrication of cyclodextrin containing AIE-active polymeric composites through formation of dynamic phenylboronic borate and their theranostic applications. <i>Cellulose</i> , 2019 , 26, 8829-8841	5-5	7
5	Surface PEGylation of mesoporous silica materials via surface-initiated chain transfer free radical polymerization: Characterization and controlled drug release. <i>Materials Science and Engineering C</i> , 2017 , 81, 57-65	8-3	7
4	Facile preparation and biological imaging of luminescent polymeric nanoprobe with aggregation-induced emission characteristics through Michael addition reaction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 795-801	6	7
3	Facile preparation, through Schiff base formation, of luminescent amphiphilic carbohydrate polymers with aggregation-induced emission characteristics for biological imaging. <i>RSC Advances</i> , 2016 , 6, 76011-76016	3-7	4
2	Facile fabrication of cross-linked fluorescent organic nanoparticles with aggregation-induced emission characteristic via the thiol-ene click reaction and their potential for biological imaging. <i>Materials Science and Engineering C</i> , 2019 , 98, 293-299	8-3	3
1	Aggregation-Induced Emission Polymers 2017 , 1-60		