

Junyu Chen

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.

43
papers

1,384
citations

16
h-index

36
g-index

45
ext. papers

1,600
ext. citations

7.8
avg, IF

4.7
L-index

#	Paper	IF	Citations
43	Direct generation of poly(ionic liquids) on mesoporous carbon via Diels-Alder and multicomponent reactions for ultrafast adsorptive removal anionic organic dye with high efficiency. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104872	6.8	7
42	Fluorosulfonyl Isocyanate Enabled SuFEx Ligation of Alcohols and Amines. <i>Angewandte Chemie</i> , 2021 , 133, 21365-21369	3.6	0
41	Fluorosulfonyl Isocyanate Enabled SuFEx Ligation of Alcohols and Amines. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21195-21199	16.4	2
40	Pocket-Size "MasSpec Pointer" for Ambient Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2021 , 93, 13326-13333	7.8	6
39	Surface grafting of fluorescent polymers on halloysite nanotubes through metal-free light-induced controlled polymerization: Preparation, characterization and biological imaging. <i>Materials Science and Engineering C</i> , 2020 , 111, 110804	8.3	3
38	Direct surface modification of nanodiamonds with ionic copolymers for fast adsorptive removal of copper ions with high efficiency. <i>Colloids and Interface Science Communications</i> , 2020 , 37, 100278	5.4	7
37	A novel one-step method for preparation of sulfonate functionalized nanodiamonds and their utilization for ultrafast removal of organic dyes with high efficiency: Kinetic and isotherm studies. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103780	6.8	15
36	Biomimetic modification of silica nanoparticles for highly sensitive and ultrafast detection of DNA and Ag ⁺ ions. <i>Applied Surface Science</i> , 2020 , 510, 145421	6.7	4
35	Recent progress and advances in the environmental applications of MXene related materials. <i>Nanoscale</i> , 2020 , 12, 3574-3592	7.7	88
34	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
33	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
32	Preparation of fluorescent cellulose nanocrystal polymer composites with thermo-responsiveness through light-induced ATRP. <i>Cellulose</i> , 2020 , 27, 743-753	5.5	14
31	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
30	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
29	Fabrication of β -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
28	Surface modification of fluorescent Tb-doped layered double hydroxides with hyperbranched polymers through host-guest interaction. <i>Materials Science and Engineering C</i> , 2019 , 104, 109976	8.3	3
27	Functionalization of carbon nanotubes with chitosan based on MALI multicomponent reaction for Cu removal. <i>International Journal of Biological Macromolecules</i> , 2019 , 136, 476-485	7.9	98

26	Facile preparation of magnetic composites based on carbon nanotubes: Utilization for removal of environmental pollutants. <i>Journal of Colloid and Interface Science</i> , 2019 , 545, 8-15	9.3	21
25	Mussel-inspired preparation of layered double hydroxides based polymer composites for removal of copper ions. <i>Journal of Colloid and Interface Science</i> , 2019 , 533, 416-427	9.3	32
24	Facile preparation of luminescent cellulose nanocrystals with aggregation-induced emission feature through Ce(IV) redox polymerization. <i>Carbohydrate Polymers</i> , 2019 , 223, 115102	10.3	11
23	A facile surface modification strategy for fabrication of fluorescent silica nanoparticles with the aggregation-induced emission dye through surface-initiated cationic ring opening polymerization. <i>Materials Science and Engineering C</i> , 2019 , 94, 270-278	8.3	77
22	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
21	A novel light-induced ATRP for the preparation of water dispersible fluorescent nanodiamonds and their biological imaging applications. <i>Ceramics International</i> , 2018 , 44, 9907-9914	5.1	6
20	A Novel method for the preparation of fluorescent C poly(amino acid) composites and their biological imaging. <i>Journal of Colloid and Interface Science</i> , 2018 , 516, 392-397	9.3	8
19	Preparation of polyethylene polyamine@tannic acid encapsulated MgAl-layered double hydroxide for the efficient removal of copper (II) ions from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 82, 92-101	5.3	130
18	Facile preparation of fluorescent nanodiamond-based polymer composites through a metal-free photo-initiated RAFT process and their cellular imaging. <i>Chemical Engineering Journal</i> , 2018 , 337, 82-90	14.7	92
17	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
16	One-step synthesis of europium complexes containing polyamino acids through ring-opening polymerization and their potential for biological imaging applications. <i>Talanta</i> , 2018 , 188, 1-6	6.2	12
15	Facile preparation of thermoresponsive fluorescent silica nanoparticles based composites through the oxygen tolerance light-induced RAFT polymerization. <i>Journal of Molecular Liquids</i> , 2018 , 259, 179-185	6	12
14	Facile preparation of polyethylenimine-tannins coated SiO ₂ hybrid materials for Cu ²⁺ removal. <i>Applied Surface Science</i> , 2018 , 427, 535-544	6.7	120
13	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
12	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
11	A facile strategy for preparation of magnetic graphene oxide composites and their potential for environmental adsorption. <i>Ceramics International</i> , 2018 , 44, 18571-18577	5.1	105
10	A novel thiol-ene click reaction for preparation of graphene quantum dots and their potential for fluorescence imaging. <i>Materials Science and Engineering C</i> , 2018 , 91, 631-637	8.3	9
9	One-pot ultrafast preparation of silica quantum dots and their utilization for fabrication of luminescent mesoporous silica nanoparticles. <i>Materials Science and Engineering C</i> , 2018 , 93, 679-685	8.3	5

8	Surface PEGylation and biological imaging of fluorescent Tb-doped layered double hydroxides through the photoinduced RAFT polymerization. <i>Journal of Colloid and Interface Science</i> , 2018 , 532, 641-649	8.3	9
7	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
6	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
5	Synthesis of functionalized MgAl-layered double hydroxides via modified mussel inspired chemistry and their application in organic dye adsorption. <i>Journal of Colloid and Interface Science</i> , 2017 , 505, 168-177	6.7	49
4	Enhanced removal capability of kaolin toward methylene blue by mussel-inspired functionalization. <i>Journal of Materials Science</i> , 2016 , 51, 8116-8130	4.3	24
3	Mussel inspired preparation of functional silica nanocomposites for environmental adsorption applications. <i>Applied Surface Science</i> , 2016 , 387, 285-293	6.7	43
2	Fabrication of AIE-active amphiphilic fluorescent polymeric nanoparticles through host-guest interaction. <i>RSC Advances</i> , 2016 , 6, 54812-54819	3.7	17
1	TiO ₂ /MXene-Assisted LDI-MS for Urine Metabolic Profiling in Urinary Disease. <i>Advanced Functional Materials</i> , 2106743	15.6	3