Qiuyu Zhang

List of Publications by Year
in descending order

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381 papers	14,086 citations	24978 57 h-index	35952 97 g-index
386 all docs	386 docs citations	386 times ranked	13761 citing authors

#	Article	IF	Citations
1	Support and Interface Effects in Waterâ€Splitting Electrocatalysts. Advanced Materials, 2019, 31, e1808167.	11.1	531
2	An overview of multifunctional epoxy nanocomposites. Journal of Materials Chemistry C, 2016, 4, 5890-5906.	2.7	360
3	Significantly enhanced and precisely modeled thermal conductivity in polyimide nanocomposites with chemically modified graphene via in situ polymerization and electrospinning-hot press technology. Journal of Materials Chemistry C, 2018, 6, 3004-3015.	2.7	360
4	Synergistic sorbent separation for one-step ethylene purification from a four-component mixture. Science, 2019, 366, 241-246.	6.0	360
5	Highly thermally conductive flame-retardant epoxy nanocomposites with reduced ignitability and excellent electrical conductivities. Composites Science and Technology, 2017, 139, 83-89.	3.8	356
6	Nanoenzyme-Reinforced Injectable Hydrogel for Healing Diabetic Wounds Infected with Multidrug Resistant Bacteria. Nano Letters, 2020, 20, 5149-5158.	4.5	334
7	Application of yolkâ€“shell Fe3O4@N-doped carbon nanochains as highly effective microwave-absorption material. Nano Research, 2018, 11, 1500-1519.	5.8	321
8	Self-healing, recoverable epoxy elastomers and their composites with desirable thermal conductivities by incorporating BN fillers via in-situ polymerization. Composites Science and Technology, 2018, 164, 59-64.	3.8	264
9	Thermal conductivity epoxy resin composites filled with boron nitride. Polymers for Advanced Technologies, 2012, 23, 1025-1028.	1.6	228
10	High thermal conductivity graphite nanoplatelet/UHMWPE nanocomposites. RSC Advances, 2015, 5, 36334-36339.	1.7	194
11	Conductive Antibacterial Hemostatic Multifunctional Scaffolds Based on Ti₃C₂T_x MXene Nanosheets for Promoting Multidrug-Resistant Bacteria-Infected Wound Healing. ACS Nano, 2021, 15, 2468-2480.	7.3	189
12	Design and preparation of biomimetic polydimethylsiloxane (PDMS) films with superhydrophobic, self-healing and drag reduction properties via replication of shark skin and SI-ATRP. Chemical Engineering Journal, 2019, 356, 318-328.	6.6	176
13	Preparation of lipase/Zn3(PO4)2 hybrid nanoflower and its catalytic performance as an immobilized enzyme. Chemical Engineering Journal, 2016, 291, 287-297.	6.6	166
14	Ideal dielectric thermally conductive bismaleimide nanocomposites filled with polyhedral oligomeric silsesquioxane functionalized nanosized boron nitride. RSC Advances, 2016, 6, 35809-35814.	1.7	154
15	Preparation and characterization of bovine serum albumin surface-imprinted thermosensitive magnetic polymer microsphere and its application for protein recognition. Biosensors and Bioelectronics, 2014, 51, 261-267.	5.3	152
16	Pickering emulsion: A novel template for microencapsulated phase change materials with polymerâ€“silica hybrid shell. Energy, 2014, 64, 575-581.	4.5	146
17	Preparation of self-healing, recyclable epoxy resins and low-electrical resistance composites based on double-disulfide bond exchange. Composites Science and Technology, 2018, 167, 79-85.	3.8	146
18	Injectable redox and light responsive MnO2 hybrid hydrogel for simultaneous melanoma therapy and multidrug-resistant bacteria-infected wound healing. Biomaterials, 2020, 260, 120314.	5.7	130

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19	Well-Defined Coreâ€“Shell Fe₃O₄@Polypyrrole Composite Microspheres with Tunable Shell Thickness: Synthesis and Their Superior Microwave Absorption Performance in the Ku Band. Industrial & Engineering Chemistry Research, 2016, 55, 6263-6275.	1.8	129
20	Facile fabrication of hierarchical porous ZIF-8 for enhanced adsorption of antibiotics. Journal of Hazardous Materials, 2019, 367, 194-204.	6.5	129
21	Morphology-dependent electrochemical supercapacitors in multi-dimensional polyanilineÂnanostructures. Journal of Materials Chemistry A, 2017, 5, 14041-14052.	5.2	126
22	Thermal conductivity and mechanical properties of aluminum nitride filled linear lowâ€density polyethylene composites. Polymer Engineering and Science, 2009, 49, 1030-1034.	1.5	120
23	Thermal percolation behavior of graphene nanoplatelets/polyphenylene sulfide thermal conductivity composites. Polymer Composites, 2014, 35, 1087-1092.	2.3	113
24	Preparation and characterization of novel immobilized Fe3O4@SiO2@mSiO2â€“Pd(0) catalyst with large pore-size mesoporous for Suzuki coupling reaction. Applied Catalysis A: General, 2013, 459, 65-72.	2.2	112
25	Hyperbranched polysiloxane (HBPSi)-based polyimide films with ultralow dielectric permittivity, desirable mechanical and thermal properties. Journal of Materials Chemistry C, 2016, 4, 2134-2146.	2.7	110
26	Programmed degradation of a hierarchical nanoparticle with redox and light responsivity for self-activated photo-chemical enhanced chemodynamic therapy. Biomaterials, 2019, 224, 119498.	5.7	99
27	Thermal conductivities, mechanical and thermal properties of graphite nanoplatelets/polyphenylene sulfide composites. RSC Advances, 2014, 4, 22101-22105.	1.7	98
28	Rapid and efficient synthesis of isocyanate microcapsules via thiol-ene photopolymerization in Pickering emulsion and its application in self-healing coating. Composites Science and Technology, 2016, 123, 250-258.	3.8	96
29	Improved space survivability of polyhedral oligomeric silsesquioxane (POSS) polyimides fabricated via novel POSS-diamine. Corrosion Science, 2015, 90, 223-238.	3.0	94
30	Engineering of the Heterointerface of Porous Carbon Nanofiberâ€“Supported Nickel and Manganese Oxide Nanoparticle for Highly Efficient Bifunctional Oxygen Catalysis. Advanced Functional Materials, 2020, 30, 1910568.	7.8	92
31	Mechanically robust, self-healing superhydrophobic anti-icing coatings based on a novel fluorinated polyurethane synthesized by a two-step thiol click reaction. Chemical Engineering Journal, 2021, 404, 127110.	6.6	92
32	Study on Preparation of SiO₂/Epoxy Resin Hybrid Materials by Means of Sol-Gel. Polymer-Plastics Technology and Engineering, 2007, 46, 1129-1134.	1.9	90
33	Selective electrocatalytic semihydrogenation of acetylene impurities for the production of polymer-grade ethylene. Nature Catalysis, 2021, 4, 557-564.	16.1	90
34	Volatile Organic Compound Gas-Sensing Properties of Bimodal Porous Î±-Fe₂O₃ with Ultrahigh Sensitivity and Fast Response. ACS Applied Materials & Interfaces, 2018, 10, 13702-13711.	4.0	87
35	Interfacially active and magnetically responsive composite nanoparticles with raspberry like structure; synthesis and its applications for heavy crude oil/water separation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 472, 38-49.	2.3	84
36	Preparation and properties of polystyrene/SiCw/SiCp thermal conductivity composites. Journal of Applied Polymer Science, 2012, 124, 132-137.	1.3	81

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37	A stable 3D sol-gel network with dangling fluoroalkyl chains and rapid self-healing ability as a long-lived superhydrophobic fabric coating. Chemical Engineering Journal, 2018, 334, 598-610.	6.6	80
38	Papain/Zn₃(PO₄)₂ hybrid nanoflower: preparation, characterization and its enhanced catalytic activity as an immobilized enzyme. RSC Advances, 2016, 6, 46702-46710.	1.7	79
39	Bioinspired ultra-thin polyurethane/MXene nacre-like nanocomposite films with synergistic mechanical properties for electromagnetic interference shielding. Journal of Materials Chemistry C, 2020, 8, 7170-7180.	2.7	77
40	Fabrication of folded MXene/MoS2 composite microspheres with optimal composition and their microwave absorbing properties. Journal of Colloid and Interface Science, 2022, 607, 633-644.	5.0	76
41	Fabrication of wrinkled carbon microspheres and the effect of surface roughness on the microwave absorbing properties. Chemical Engineering Journal, 2020, 401, 126027.	6.6	75
42	Preparation and mechanical properties researches of silane coupling reagent modified Î²-silicon carbide filled epoxy composites. Polymer Bulletin, 2009, 62, 689-697.	1.7	74
43	MOF-derived yolk-shell Co@ZnO/Ni@NC nanocage: Structure control and electromagnetic wave absorption performance. Journal of Colloid and Interface Science, 2021, 600, 99-110.	5.0	74
44	Preparation and characterization of monodisperse magnetic poly(styrene butyl acrylate methacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 1733-1738.	1.3	73
45	Bioactive anti-inflammatory, antibacterial, conductive multifunctional scaffold based on MXene@CeO2 nanocomposites for infection-impaired skin multimodal therapy. Chemical Engineering Journal, 2021, 424, 130148.	6.6	72
46	One-pot hydrothermal synthesis of highly monodisperse water-dispersible hollow magnetic microspheres and construction of photonic crystals. Chemical Engineering Journal, 2015, 259, 779-786.	6.6	71
47	Synthesis of BiOBr/carbon quantum dots microspheres with enhanced photoactivity and photostability under visible light irradiation. Applied Catalysis A: General, 2016, 527, 127-136.	2.2	70
48	Effect of Ceria on redox-catalytic property in mild condition: A solvent-free route for imine synthesis at low temperature. Applied Catalysis B: Environmental, 2018, 227, 209-217.	10.8	69
49	Robust, self-healing, superhydrophobic coatings highlighted by a novel branched thiol-ene fluorinated siloxane nanocomposites. Composites Science and Technology, 2016, 137, 78-86.	3.8	67
50	From Poly(p-phenylene terephthalamide) Broken Paper: High-Performance Aramid Nanofibers and Their Application in Electrical Insulating Nanomaterials with Enhanced Properties. ACS Sustainable Chemistry and Engineering, 2018, 6, 8954-8963.	3.2	67
51	Fabrication of magnetic tubular fiber with multi-layer heterostructure and its microwave absorbing properties. Journal of Colloid and Interface Science, 2020, 577, 242-255.	5.0	67
52	Design and preparation of self-driven BSA surface imprinted tubular carbon nanofibers and their specific adsorption performance. Chemical Engineering Journal, 2019, 373, 923-934.	6.6	65
53	Novel BiOCl/TiO2 hierarchical composites: Synthesis, characterization and application on photocatalysis. Applied Catalysis A: General, 2016, 516, 81-89.	2.2	64
54	Toward improved performances of para-aramid (PPTA) paper-based nanomaterials via aramid nanofibers(ANFs) and ANFs-film. Composites Part B: Engineering, 2018, 154, 166-174.	5.9	64

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55	Synthesis of BSA/Fe3O4 magnetic composite microspheres for adsorption of antibiotics. Materials Science and Engineering C, 2013, 33, 4401-4408.	3.8	60
56	Preparation of anti-nonspecific adsorption polydopamine-based surface protein-imprinted magnetic microspheres with the assistance of 2-methacryloyloxyethyl phosphorylcholine and its application for protein recognition. Sensors and Actuators B: Chemical, 2017, 241, 413-421.	4.0	60
57	A conjugation polyimine vitrimer: Fabrication and performance. Journal of Polymer Science Part A, 2018, 56, 2531-2538.	2.5	60
58	Studies on the Preparation of Polystyrene Thermal Conductivity Composites. Polymer-Plastics Technology and Engineering, 2010, 49, 1385-1389.	1.9	59
59	Red-blood-cell-like BSA/Zn3(PO4)2 hybrid particles: Preparation and application to adsorption of heavy metal ions. Applied Surface Science, 2016, 366, 328-338.	3.1	59
60	Comparative study of aramid nanofiber (ANF) and cellulose nanofiber (CNF). Carbohydrate Polymers, 2019, 208, 372-381.	5.1	59
61	Tunable Permittivity in High-Performance Hyperbranched Polyimide Films by Adjusting Backbone Rigidity. Journal of Physical Chemistry C, 2016, 120, 2548-2561.	1.5	57
62	Surface molecularly imprinted thermo-sensitive polymers based on light-weight hollow magnetic microspheres for specific recognition of BSA. Applied Surface Science, 2019, 486, 265-273.	3.1	56
63	Injectable multi-responsive micelle/nanocomposite hybrid hydrogel for bioenzyme and photothermal augmented chemodynamic therapy of skin cancer and bacterial infection. Chemical Engineering Journal, 2021, 404, 126439.	6.6	56
64	Generalized Approach for Fabricating Monodisperse Anisotropic Microparticles via Single-Hole Swelling PGMA Seed Particles. Macromolecules, 2015, 48, 7592-7603.	2.2	55
65	Novel yolkâ€“shell Fe3O4@void@SiO2@PPy nanochains toward microwave absorption application. Journal of Materials Science, 2021, 56, 1312-1327.	1.7	55
66	Hollow Mesoporous SiO₂â€“BiOBr Nanophotocatalyst: Synthesis, Characterization and Application in Photodegradation of Organic Dyes under Visible-Light Irradiation. ACS Sustainable Chemistry and Engineering, 2015, 3, 1101-1110.	3.2	54
67	Evolution of surface chemistry and morphology of hyperbranched polysiloxane polyimides in simulated atomic oxygen environment. Corrosion Science, 2015, 98, 560-572.	3.0	51
68	Synthesis of magnetically separable Fe3O4@PANI/TiO2 photocatalyst with fast charge migration for photodegradation of EDTA under visible-light irradiation. Chemical Engineering Journal, 2016, 303, 282-291.	6.6	51
69	Design and preparation of a multi-fluorination organic superhydrophobic coating with high mechanical robustness and icing delay ability. Applied Surface Science, 2019, 497, 143663.	3.1	51
70	Improvement of recognition specificity of surface protein-imprinted magnetic microspheres by reducing nonspecific adsorption of competitors using 2-methacryloyloxyethyl phosphorylcholine. Sensors and Actuators B: Chemical, 2015, 208, 559-568.	4.0	50
71	Preparation of Magnetic Hyper-Cross-Linked Polymers for the Efficient Removal of Antibiotics from Water. ACS Sustainable Chemistry and Engineering, 2018, 6, 210-222.	3.2	50
72	A novel highly crystalline Fe₄(Fe(CN)₆)₃concave cube anode material for Li-ion batteries with high capacity and long life. Journal of Materials Chemistry A, 2019, 7, 11478-11486.	5.2	50

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73	A magnetic ion exchange resin with high efficiency of removing Cr (VI). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 604, 125279.	2.3	50
74	Fast and facile fabrication of porous polymer particles via thiolâ€“ene suspension photopolymerization. RSC Advances, 2014, 4, 13334-13339.	1.7	48
75	Biowaste-Derived Bimetallic Ruâ€“MoO_x Catalyst for the Direct Hydrogenation of Furfural to Tetrahydrofurfuryl Alcohol. ACS Sustainable Chemistry and Engineering, 2019, 7, 12858-12866.	3.2	48
76	Effect of crosslinking degree and thickness of thermosensitive imprinted layers on recognition and elution efficiency of protein imprinted magnetic microspheres. Sensors and Actuators B: Chemical, 2016, 225, 436-445.	4.0	47
77	Surface functionalization of HMPBO fibers with MSA/KH550/GlycidylEthyl POSS and improved interfacial adhesion. Polymer Composites, 2014, 35, 611-616.	2.3	46
78	Construction of Synergistic Ni₃S₂â€MoS₂ Nanoheterojunctions on Ni Foam as Bifunctional Electrocatalyst for Hydrogen Evolution Integrated with Biomass Valorization. Small, 2022, 18, e2201306.	5.2	46
79	Synthesis of Raspberry-Like Poly(styreneâ€“glycidyl methacrylate) Particles via a One-Step Soap-Free Emulsion Polymerization Process Accompanied by Phase Separation. Langmuir, 2013, 29, 11730-11741.	1.6	45
80	Synthesis and gas permeation properties of hyperbranched polyimides membranes from a novel (A2+B2Bâ€²+B2)-type method. Journal of Membrane Science, 2014, 450, 138-146.	4.1	45
81	Synthesis of fibrous and non-fibrous mesoporous silica magnetic yolkâ€“shell microspheres as recyclable supports for immobilization of Candida rugosa lipase. Enzyme and Microbial Technology, 2017, 103, 42-52.	1.6	45
82	Fe3O4@SiO2@CCS porous magnetic microspheres as adsorbent for removal of organic dyes in aqueous phase. Journal of Alloys and Compounds, 2018, 735, 1986-1996.	2.8	45
83	Design and fabrication of robust, rapid self-healable, superamphiphobic coatings by a liquid-repellent â€œglue + particlesâ€•approach. Materials and Design, 2017, 135, 16-25.	3.3	44
84	Ni²⁺-BSA Directional Coordination-Assisted Magnetic Molecularly Imprinted Microspheres with Enhanced Specific Rebinding to Target Proteins. ACS Applied Materials & Interfaces, 2019, 11, 25682-25690.	4.0	43
85	Chain-like Fe3O4@void@mSiO2@MnO2 composites with multiple porous shells toward highly effective microwave absorption application. Microporous and Mesoporous Materials, 2021, 314, 110867.	2.2	43
86	Wrinkled Fe3O4@C magnetic composite microspheres: Regulation of magnetic content and their microwave absorbing performance. Journal of Colloid and Interface Science, 2021, 601, 397-410.	5.0	43
87	Novel reusable porous polyimide fibers for hot-oil adsorption. Journal of Hazardous Materials, 2017, 340, 67-76.	6.5	42
88	Morphology-Dependent Gas Sensing Properties of CuO Microstructures Self-Assembled from Nanorods. Sensors and Actuators B: Chemical, 2020, 325, 128775.	4.0	42
89	Preparation of Three-Dimensional Mo₂C/NC@MXene and Its Efficient Electromagnetic Absorption Properties. ACS Applied Materials & Interfaces, 2022, 14, 7109-7120.	4.0	42
90	Mismatching integration-enabled strains and defects engineering in LDH microstructure for high-rate and long-life charge storage. Nature Communications, 2022, 13, 1409.	5.8	42

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91	In situ-formed cobalt embedded into N-doped carbon as highly efficient and selective catalysts for the hydrogenation of halogenated nitrobenzenes under mild conditions. Applied Catalysis A: General, 2020, 592, 117434.	2.2	41
92	Preparation of environmentally friendly bio-based vitrimers from vanillin derivatives by introducing two types of dynamic covalent C N and Sâ€“S bonds. Polymer, 2020, 197, 122483.	1.8	40
93	Metal Single-Atom and Nanoparticle Double-Active-Site Relay Catalysts: Design, Preparation, and Application to the Oxidation of 5-Hydroxymethylfurfural. ACS Catalysis, 2022, 12, 971-981.	5.5	40
94	Facile synthesis of imidazole microcapsules via thiol-click chemistry and their application as thermally latent curing agent for epoxy resins. Composites Science and Technology, 2017, 142, 198-206.	3.8	39
95	Effect of framework structure, pore size and surface modification on the adsorption performance of methylene blue and Cu2+ in mesoporous silica. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 539, 154-162.	2.3	39
96	Biomimetic Brushlike Slippery Coatings with Mechanically Robust, Self-Cleaning, and Icephobic Properties. ACS Applied Materials & Interfaces, 2020, 12, 54041-54052.	4.0	39
97	Greatly enhanced thermal conductivity of polyimide composites by polydopamine modification and the 2D-aligned structure. Ceramics International, 2020, 46, 28363-28372.	2.3	39
98	Preparation of thermoresponsive Fe3O4/P(acrylic acidâ€“methyl methacrylateâ€“N-isopropylacrylamide) magnetic composite microspheres with controlled shell thickness and its releasing property for phenolphthalein. Journal of Colloid and Interface Science, 2013, 398, 51-58.	5.0	38
99	Robust Organicâ€“Inorganic Composite Films with Multifunctional Properties of Superhydrophobicity, Self-Healing, and Drag Reduction. Industrial & Engineering Chemistry Research, 2019, 58, 4468-4478.	1.8	38
100	Healable Strain Sensor Based on Tough and Eco-Friendly Biomimetic Supramolecular Waterborne Polyurethane. ACS Applied Materials & Interfaces, 2022, 14, 6016-6027.	4.0	38
101	Thiolâ€“isocyanate click reaction in a Pickering emulsion: a rapid and efficient route to encapsulation of healing agents. Polymer Chemistry, 2015, 6, 7100-7111.	1.9	36
102	A Humidityâ€Induced Nontemplating Route toward Hierarchical Porous Carbon Fiber Hybrid for Efficient Bifunctional Oxygen Catalysis. Small, 2020, 16, e2001743.	5.2	36
103	Fabrication and characterization of glutathione-imprinted polymers on fibrous SiO 2 microspheres with high specific surface. Chemical Engineering Journal, 2017, 327, 932-940.	6.6	35
104	Hydroxyl-Based Hyper-Cross-Linked Microporous Polymers and Their Excellent Performance for CO₂ Capture. Industrial & Engineering Chemistry Research, 2018, 57, 17259-17265.	1.8	35
105	3D BiOBr/BiOCl heterostructure microspheres with enhanced photocatalytic activity. Journal of Materials Science: Materials in Electronics, 2020, 31, 1868-1878.	1.1	35
106	Effect of the Structure and Length of Flexible Chains on Dendrimers Grafted Fe₃O₄@SiO₂/PAMAM Magnetic Nanocarriers for Lipase Immobilization. ACS Sustainable Chemistry and Engineering, 2016, 4, 6382-6390.	3.2	34
107	Preparation of surface protein imprinted thermosensitive polymer monolithic column and its specific adsorption for BSA. Talanta, 2019, 200, 526-536.	2.9	34
108	Modified Tubular Carbon Nanofibers for Adsorption of Uranium(VI) from Water. ACS Applied Nano Materials, 2020, 3, 6394-6405.	2.4	34

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109	Preparation of core-shell C@TiO2 composite microspheres with wrinkled morphology and its microwave absorption. Journal of Colloid and Interface Science, 2022, 607, 1036-1049.	5.0	34
110	Monodispers and Multifunctional Magnetic Composite Core Shell Microspheres for Demulsification Applications. Journal of the Chinese Chemical Society, 2015, 62, 695-702.	0.8	33
111	Iron oxide-based polymeric magnetic microspheres with a core shell structure: from controlled synthesis to demulsification applications. Journal of Polymer Research, 2015, 22, 1.	1.2	33
112	Hypercrosslinked polymers: controlled preparation and effective adsorption of aniline. Journal of Materials Science, 2016, 51, 8579-8592.	1.7	33
113	BiOBr/BiOCl/carbon quantum dot microspheres with superior visible light-driven photocatalysis. RSC Advances, 2017, 7, 52614-52620.	1.7	33
114	Synthesis of paramagnetic dendritic silica nanomaterials with fibrous pore structure (Fe₃O₄@KCC-1) and their application in immobilization of lipase from Candida rugosa with enhanced catalytic activity and stability. New Journal of Chemistry, 2017, 41, 8222-8231.	1.4	33
115	Design of flexible dendrimer-grafted flower-like magnetic microcarriers for penicillin G acylase immobilization. Journal of Materials Science, 2018, 53, 937-947.	1.7	33
116	A versatile strategy for enzyme immobilization: Fabricating lipase/inorganic hybrid nanostructures on macroporous resins with enhanced catalytic properties. Biochemical Engineering Journal, 2018, 139, 101-108.	1.8	32
117	Enhanced dielectric properties in polyimide nanocomposites containing barium titanate@ polydopamine core-shell nanoparticles. Journal of Alloys and Compounds, 2020, 845, 156171.	2.8	32
118	Nano-pyramid-type Co-ZnO/NC for hydrogen transfer cascade reaction between alcohols and nitrobenzene. Applied Catalysis B: Environmental, 2022, 300, 120288.	10.8	32
119	Highly Thermally Conductive Polyimide Composites via Constructing 3D Networks. Macromolecular Rapid Communications, 2019, 40, e1800805.	2.0	31
120	Pore size dependent acetic acid gas sensing performance of mesoporous CuO. Sensors and Actuators B: Chemical, 2021, 334, 129639.	4.0	31
121	Surface modification of HMPBO fibers by silane coupling agent of KH-560 treatment assisted by ultrasonic vibration. Fibers and Polymers, 2012, 13, 979-984.	1.1	30
122	Synthesis of block copolymer poly (n-butyl acrylate)-b-polystyrene by DPE seeded emulsion polymerization with monodisperse latex particles and morphology of self-assembly film surface. Journal of Colloid and Interface Science, 2012, 374, 54-60.	5.0	30
123	Synthesis and Characterization of Comb and Centipede Multigraft Copolymers PnBA-g-PS with High Molecular Weight Using Miniemulsion Polymerization. Macromolecules, 2014, 47, 7284-7295.	2.2	30
124	A Threeâ€Armed Polymer with Tunable Selfâ€Assembly and Selfâ€Healing Properties Based on Benzeneâ€1,3,5â€tricarboxamide and Metalâ€“Ligand Interactions. Macromolecular Rapid Communications, 2019, 40, e1800909.	2.0	30
125	Fabrication of Raspberry-like Cytochrome C Surface-Imprinted Nanoparticles Based on MOF Composites for High-Performance Protein Separation. ACS Applied Materials & Interfaces, 2021, 13, 31010-31020.	4.0	30
126	Efficient electrocatalytic acetylene semihydrogenation by electronâ€“rich metal sites in Nâ€“heterocyclic carbene metal complexes. Nature Communications, 2021, 12, 6574.	5.8	30

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127	Preparation of Novel Bifunctional Magnetic Tubular Nanofibers and Their Application in Efficient and Irreversible Uranium Trap from Aqueous Solution. ACS Sustainable Chemistry and Engineering, 2020, 8, 7825-7838.	3.2	29
128	In situ silica reinforcement of vinyltriethoxysilaneâ€grafted styreneâ€“butadiene rubber by solâ€“gel process. Journal of Applied Polymer Science, 2013, 128, 2262-2268.	1.3	28
129	Fabrication of electromagnetic Fe₃O₄@polyaniline nanofibers with high aspect ratio. RSC Advances, 2015, 5, 9986-9992.	1.7	28
130	A Novel Reprocessable and Recyclable Acrylonitrileâ€“Butadiene Rubber Based on Dynamic Oximeâ€Carbamate Bond. Macromolecular Rapid Communications, 2019, 40, e1800733.	2.0	28
131	Design and preparation of bioinspired slippery liquid-infused porous surfaces with anti-icing performance via delayed phase inversion process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 588, 124384.	2.3	28
132	Cu-doped cerium oxide-based nanomedicine for tumor microenvironment-stimulative chemo-chemodynamic therapy with minimal side effects. Colloids and Surfaces B: Biointerfaces, 2021, 205, 111878.	2.5	28
133	Hierarchical Nanocapsules of Cu-Doped MoS₂@H-Substituted Graphdiyne for Magnesium Storage. ACS Nano, 2022, 16, 3955-3964.	7.3	28
134	Nanosheet-based 3D hierarchical ZnO structure decorated with Au nanoparticles for enhanced electrochemical detection of dopamine. RSC Advances, 2014, 4, 48986-48993.	1.7	27
135	Fabrication of PEI grafted Fe₃O₄/SiO₂/P(GMA-co-EGDMA) nanoparticle anchored palladium nanocatalyst and its application in Sonogashira cross-coupling reactions. New Journal of Chemistry, 2015, 39, 2925-2934.	1.4	27
136	Water-borne thiolâ€“isocyanate click chemistry in microfluidics: rapid and energy-efficient preparation of uniform particles. Polymer Chemistry, 2015, 6, 4366-4373.	1.9	27
137	Synthesis and characterization of graft copolymers PnBA-g-PS by miniemulsion polymerization. RSC Advances, 2015, 5, 45459-45466.	1.7	27
138	Ultrahigh humidity sensitivity of NaCl-added 3D mesoporous silica KIT-6 and its sensing mechanism. RSC Advances, 2016, 6, 38391-38398.	1.7	27
139	Great toughness reinforcement of isotactic polypropylene/elastomer blends with quasi-cocontinuous phase morphology by traces of β-nucleating agents and carbon nanotubes. Composites Science and Technology, 2018, 167, 277-284.	3.8	27
140	Facile and Rapid Synthesis of Hollow Magnetic Mesoporous Polydopamine Nanoflowers with Tunable Pore Structures for Lipase Immobilization: Green Production of Biodiesel. Industrial & Engineering Chemistry Research, 2019, 58, 16358-16369.	1.8	27
141	Hyperbranchedâ€polysiloxaneâ€based hyperbranched polyimide films with low dielectric permittivity and high mechanical and thermal properties. Journal of Applied Polymer Science, 2019, 136, 47771.	1.3	27
142	Biodegradable conductive multifunctional branched poly(glycerol-amino acid)-based scaffolds for tumor/infection-impaired skin multimodal therapy. Biomaterials, 2020, 262, 120300.	5.7	27
143	Fabrication of micron-sized BSA-imprinted polymers with outstanding adsorption capacity based on poly(glycidyl methacrylate)/polystyrene (PGMA/PS) anisotropic microspheres. Journal of Materials Chemistry B, 2018, 6, 5860-5866.	2.9	26
144	Preparation of a PCM Microcapsule with a Graphene Oxide Platelet-Patched Shell and Its Thermal Camouflage Applications. Industrial & Engineering Chemistry Research, 2019, 58, 19090-19099.	1.8	26

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145	Performance-modified polyimine vitrimers: flexibility, thermal stability and easy reprocessing. Journal of Materials Science, 2019, 54, 2690-2698.	1.7	26
146	Thermal, Near-Infrared Light, and Amine Solvent Triple-Responsive Recyclable Imine-Type Vitrimer: Shape Memory, Accelerated Photohealing/Welding, and Destructing Behaviors. Industrial & Engineering Chemistry Research, 2020, 59, 21768-21778.	1.8	26
147	Preparation of BSA surface imprinted manganese dioxide-loaded tubular carbon fibers with excellent specific rebinding to target protein. Journal of Colloid and Interface Science, 2020, 570, 182-196.	5.0	26
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