

Baoliang Zhang

List of Publications by Year in descending order

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177
papers

7,027
citations

50170

46
h-index

85405

71
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179
all docs

179
docs citations

179
times ranked

5337
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on Methylene Blue: Its Properties, Uses, Toxicity and Photodegradation. <i>Water (Switzerland)</i> , 2022, 14, 242.	1.2	438
2	Preparation of pleated RGO/MXene/Fe ₃ O ₄ microsphere and its absorption properties for electromagnetic wave. <i>Carbon</i> , 2021, 172, 1-14.	5.4	208
3	Design and preparation of biomimetic polydimethylsiloxane (PDMS) films with superhydrophobic, self-healing and drag reduction properties via replication of shark skin and SI-ATRP. <i>Chemical Engineering Journal</i> , 2019, 356, 318-328.	6.6	176
4	Preparation of lipase/Zn ₃ (PO ₄) ₂ hybrid nanoflower and its catalytic performance as an immobilized enzyme. <i>Chemical Engineering Journal</i> , 2016, 291, 287-297.	6.6	166
5	Preparation and characterization of bovine serum albumin surface-imprinted thermosensitive magnetic polymer microsphere and its application for protein recognition. <i>Biosensors and Bioelectronics</i> , 2014, 51, 261-267.	5.3	152
6	Preparation of self-healing, recyclable epoxy resins and low-electrical resistance composites based on double-disulfide bond exchange. <i>Composites Science and Technology</i> , 2018, 167, 79-85.	3.8	146
7	Facile fabrication of hierarchical porous ZIF-8 for enhanced adsorption of antibiotics. <i>Journal of Hazardous Materials</i> , 2019, 367, 194-204.	6.5	129
8	Tubular carbon nanofibers: Synthesis, characterization and applications in microwave absorption. <i>Carbon</i> , 2019, 152, 255-266.	5.4	120
9	Biomass-derived 3D magnetic porous carbon fibers with a helical/chiral structure toward superior microwave absorption. <i>Carbon</i> , 2021, 173, 918-931.	5.4	118
10	Template-free self-assembly of MXene and CoNi-bimetal MOF into intertwined one-dimensional heterostructure and its microwave absorbing properties. <i>Chemical Engineering Journal</i> , 2021, 422, 130591.	6.6	115
11	Preparation and characterization of novel immobilized Fe ₃ O ₄ @SiO ₂ @mSiO ₂ â€“Pd(0) catalyst with large pore-size mesoporous for Suzuki coupling reaction. <i>Applied Catalysis A: General</i> , 2013, 459, 65-72.	2.2	112
12	Three dimensional porous MXene/CNTs microspheres: Preparation, characterization and microwave absorbing properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 145, 106378.	3.8	100
13	miR-21 alleviates secondary bloodâ€“brain barrier damage after traumatic brain injury in rats. <i>Brain Research</i> , 2015, 1603, 150-157.	1.1	93
14	Wrinkled three-dimensional porous MXene/Ni composite microspheres for efficient broadband microwave absorption. <i>Carbon</i> , 2021, 181, 58-68.	5.4	93
15	Mechanically robust, self-healing superhydrophobic anti-icing coatings based on a novel fluorinated polyurethane synthesized by a two-step thiol click reaction. <i>Chemical Engineering Journal</i> , 2021, 404, 127110.	6.6	92
16	Preparation of amidoxime modified porous organic polymer flowers for selective uranium recovery from seawater. <i>Chemical Engineering Journal</i> , 2021, 418, 129370.	6.6	92
17	Interfacially active and magnetically responsive composite nanoparticles with raspberry like structure; synthesis and its applications for heavy crude oil/water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 472, 38-49.	2.3	84
18	Core-shell structured Fe/Fe ₃ O ₄ @TCNFs@TiO ₂ magnetic hybrid nanofibers: Preparation and electromagnetic parameters regulation for enhanced microwave absorption. <i>Carbon</i> , 2020, 165, 275-285.	5.4	81

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19	Fabrication of ultralight helical porous carbon fibers with CNTs-confined Ni nanoparticles for enhanced microwave absorption. <i>Composites Part B: Engineering</i> , 2021, 215, 108814.	5.9	81
20	A stable 3D sol-gel network with dangling fluoroalkyl chains and rapid self-healing ability as a long-lived superhydrophobic fabric coating. <i>Chemical Engineering Journal</i> , 2018, 334, 598-610.	6.6	80
21	Papain/Zn ₃ (PO ₄) ₂ hybrid nanoflower: preparation, characterization and its enhanced catalytic activity as an immobilized enzyme. <i>RSC Advances</i> , 2016, 6, 46702-46710.	1.7	79
22	Fabrication of folded MXene/MoS ₂ composite microspheres with optimal composition and their microwave absorbing properties. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 633-644.	5.0	76
23	Fabrication of wrinkled carbon microspheres and the effect of surface roughness on the microwave absorbing properties. <i>Chemical Engineering Journal</i> , 2020, 401, 126027.	6.6	75
24	MOF-derived yolk-shell Co@ZnO/Ni@NC nanocage: Structure control and electromagnetic wave absorption performance. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 99-110.	5.0	74
25	Efficient synthesis of N-doped porous carbon nanoribbon composites with selective microwave absorption performance in common wavebands. <i>Carbon</i> , 2021, 175, 164-175.	5.4	69
26	Robust, self-healing, superhydrophobic coatings highlighted by a novel branched thiol-ene fluorinated siloxane nanocomposites. <i>Composites Science and Technology</i> , 2016, 137, 78-86.	3.8	67
27	Fabrication of magnetic tubular fiber with multi-layer heterostructure and its microwave absorbing properties. <i>Journal of Colloid and Interface Science</i> , 2020, 577, 242-255.	5.0	67
28	MOF-derived magnetic-dielectric balanced Co@ZnO@N-doped carbon composite materials for strong microwave absorption. <i>Carbon</i> , 2022, 190, 366-375.	5.4	66
29	Design and preparation of self-driven BSA surface imprinted tubular carbon nanofibers and their specific adsorption performance. <i>Chemical Engineering Journal</i> , 2019, 373, 923-934.	6.6	65
30	Design of core-shell structure NC@MoS ₂ hierarchical nanotubes as high-performance electromagnetic wave absorber. <i>Chemical Engineering Journal</i> , 2021, 426, 131308.	6.6	65
31	Ultrasonic-assisted preparation of amidoxime functionalized silica framework via oil-water emulsion method for selective uranium adsorption. <i>Chemical Engineering Journal</i> , 2020, 389, 124441.	6.6	62
32	Endothelial colony-forming cell-derived exosomes restore blood-brain barrier continuity in mice subjected to traumatic brain injury. <i>Experimental Neurology</i> , 2018, 307, 99-108.	2.0	61
33	Synthesis of BSA/Fe ₃ O ₄ magnetic composite microspheres for adsorption of antibiotics. <i>Materials Science and Engineering C</i> , 2013, 33, 4401-4408.	3.8	60
34	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. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 413-421.	4.0	60
35	A conjugation polyimine vitrimer: Fabrication and performance. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2531-2538.	2.5	60
36	Red-blood-cell-like BSA/Zn ₃ (PO ₄) ₂ hybrid particles: Preparation and application to adsorption of heavy metal ions. <i>Applied Surface Science</i> , 2016, 366, 328-338.	3.1	59

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37	Magnetic tubular carbon nanofibers as efficient Cu(II) ion adsorbent from wastewater. <i>Journal of Cleaner Production</i> , 2020, 252, 119825.	4.6	58
38	MXene@Fe ₃ O ₄ microspheres/fibers composite microwave absorbing materials: Optimum composition and performance evaluation. <i>Carbon</i> , 2021, 182, 770-780.	5.4	58
39	Surface molecularly imprinted thermo-sensitive polymers based on light-weight hollow magnetic microspheres for specific recognition of BSA. <i>Applied Surface Science</i> , 2019, 486, 265-273.	3.1	56
40	Generalized Approach for Fabricating Monodisperse Anisotropic Microparticles via Single-Hole Swelling PGMA Seed Particles. <i>Macromolecules</i> , 2015, 48, 7592-7603.	2.2	55
41	Hollow Mesoporous SiO ₂ @BiOBr Nanophotocatalyst: Synthesis, Characterization and Application in Photodegradation of Organic Dyes under Visible-Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1101-1110.	3.2	54
42	New method for hydrogel synthesis from diphenylcarbazide chitosan for selective copper removal. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 189-198.	3.6	53
43	Synthesis of bowknot-like N-doped Co@C magnetic nanoparticles constituted by acicular structural units for excellent microwave absorption. <i>Carbon</i> , 2021, 181, 28-39.	5.4	53
44	Fabrication of binary MOF-derived hybrid nanoflowers via selective assembly and their microwave absorbing properties. <i>Carbon</i> , 2021, 182, 484-496.	5.4	53
45	Design and preparation of a multi-fluorination organic superhydrophobic coating with high mechanical robustness and icing delay ability. <i>Applied Surface Science</i> , 2019, 497, 143663.	3.1	51
46	Improvement of recognition specificity of surface protein-imprinted magnetic microspheres by reducing nonspecific adsorption of competitors using 2-methacryloyloxyethyl phosphorylcholine. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 559-568.	4.0	50
47	Preparation of Magnetic Hyper-Cross-Linked Polymers for the Efficient Removal of Antibiotics from Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 210-222.	3.2	50
48	A magnetic ion exchange resin with high efficiency of removing Cr (VI). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 604, 125279.	2.3	50
49	Bimetallic MOFs-derived yolk-shell structure ZnCo/NC@TiO ₂ and its microwave absorbing properties. <i>Applied Surface Science</i> , 2021, 556, 149715.	3.1	49
50	Fast and facile fabrication of porous polymer particles via thiol-ene suspension photopolymerization. <i>RSC Advances</i> , 2014, 4, 13334-13339.	1.7	48
51	Effect of crosslinking degree and thickness of thermosensitive imprinted layers on recognition and elution efficiency of protein imprinted magnetic microspheres. <i>Sensors and Actuators B: Chemical</i> , 2016, 225, 436-445.	4.0	47
52	Synthesis of Raspberry-Like Poly(styrene-glycidyl methacrylate) Particles via a One-Step Soap-Free Emulsion Polymerization Process Accompanied by Phase Separation. <i>Langmuir</i> , 2013, 29, 11730-11741.	1.6	45
53	Synthesis of fibrous and non-fibrous mesoporous silica magnetic yolk-shell microspheres as recyclable supports for immobilization of <i>Candida rugosa</i> lipase. <i>Enzyme and Microbial Technology</i> , 2017, 103, 42-52.	1.6	45
54	Fe ₃ O ₄ @SiO ₂ @CCS porous magnetic microspheres as adsorbent for removal of organic dyes in aqueous phase. <i>Journal of Alloys and Compounds</i> , 2018, 735, 1986-1996.	2.8	45

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55	Hollow nitrogen-doped carbon nanofibers filled with MnO ₂ nanoparticles/nanosheets as high-performance microwave absorbing materials. <i>Carbon</i> , 2022, 196, 49-58.	5.4	45
56	Design and fabrication of robust, rapid self-healable, superamphiphobic coatings by a liquid-repellent "glue + particles" approach. <i>Materials and Design</i> , 2017, 135, 16-25.	3.3	44
57	Ni ²⁺ -BSA Directional Coordination-Assisted Magnetic Molecularly Imprinted Microspheres with Enhanced Specific Rebinding to Target Proteins. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25682-25690.	4.0	43
58	Wrinkled Fe ₃ O ₄ @C magnetic composite microspheres: Regulation of magnetic content and their microwave absorbing performance. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 397-410.	5.0	43
59	Ternary assembled MOF-derived composite: Anisotropic epitaxial growth and microwave absorption. <i>Composites Part B: Engineering</i> , 2022, 236, 109839.	5.9	43
60	Ultra-light MXene/CNTs/PI aerogel with neat arrangement for electromagnetic wave absorption and photothermal conversion. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 158, 106986.	3.8	43
61	Preparation of Three-Dimensional Mo ₂ C/NC@MXene and Its Efficient Electromagnetic Absorption Properties. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7109-7120.	4.0	42
62	Three-dimensional FeM ₂ Zn (M = Co or Ni) MOFs: Ions coordinated self-assembling processes and boosting microwave absorption. <i>Chemical Engineering Journal</i> , 2022, 435, 134905.	6.6	41
63	Preparation of environmentally friendly bio-based vitrimers from vanillin derivatives by introducing two types of dynamic covalent C-N and S-S bonds. <i>Polymer</i> , 2020, 197, 122483.	1.8	40
64	Biomimetic Brushlike Slippery Coatings with Mechanically Robust, Self-Cleaning, and Icephobic Properties. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54041-54052.	4.0	39
65	Preparation of thermoresponsive Fe ₃ O ₄ /P(acrylic acid-co-methyl methacrylate-co-N-isopropylacrylamide) magnetic composite microspheres with controlled shell thickness and its releasing property for phenolphthalein. <i>Journal of Colloid and Interface Science</i> , 2013, 398, 51-58.	5.0	38
66	Robust Organic-Inorganic Composite Films with Multifunctional Properties of Superhydrophobicity, Self-Healing, and Drag Reduction. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 4468-4478.	1.8	38
67	Simple and facile preparation of tunable chitosan tubular nanocomposite microspheres for fast uranium(VI) removal from seawater. <i>Chemical Engineering Journal</i> , 2022, 427, 130934.	6.6	37
68	Thiol-isocyanate click reaction in a Pickering emulsion: a rapid and efficient route to encapsulation of healing agents. <i>Polymer Chemistry</i> , 2015, 6, 7100-7111.	1.9	36
69	Fabrication and characterization of glutathione-imprinted polymers on fibrous SiO ₂ microspheres with high specific surface. <i>Chemical Engineering Journal</i> , 2017, 327, 932-940.	6.6	35
70	Hydroxyl-Based Hyper-Cross-Linked Microporous Polymers and Their Excellent Performance for CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 17259-17265.	1.8	35
71	Ultrathin, biomimetic multifunctional leaf-like silver nanowires/Ti ₃ C ₂ T _x MXene/cellulose nanofibrils nanocomposite film for high-performance electromagnetic interference shielding and thermal management. <i>Journal of Alloys and Compounds</i> , 2021, 860, 158151.	2.8	35
72	Synthesis and microwave absorbing properties of N-doped carbon microsphere composites with concavo-convex surface. <i>Carbon</i> , 2021, 184, 195-206.	5.4	35

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73	Effect of the Structure and Length of Flexible Chains on Dendrimers Grafted Fe ₃ O ₄ @SiO ₂ /PAMAM Magnetic Nanocarriers for Lipase Immobilization. ACS Sustainable Chemistry and Engineering, 2016, 4, 6382-6390.	3.2	34
74	Preparation of surface protein imprinted thermosensitive polymer monolithic column and its specific adsorption for BSA. Talanta, 2019, 200, 526-536.	2.9	34
75	Modified Tubular Carbon Nanofibers for Adsorption of Uranium(VI) from Water. ACS Applied Nano Materials, 2020, 3, 6394-6405.	2.4	34
76	Preparation of core-shell C@TiO ₂ composite microspheres with wrinkled morphology and its microwave absorption. Journal of Colloid and Interface Science, 2022, 607, 1036-1049.	5.0	34
77	Monodispers and Multifunctional Magnetic Composite Core Shell Microspheres for Demulsification Applications. Journal of the Chinese Chemical Society, 2015, 62, 695-702.	0.8	33
78	Hypercrosslinked polymers: controlled preparation and effective adsorption of aniline. Journal of Materials Science, 2016, 51, 8579-8592.	1.7	33
79	Synthesis of paramagnetic dendritic silica nanomaterials with fibrous pore structure (Fe ₃ O ₄ @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
80	Magnetic mesoporous microspheres modified with hyperbranched amine for the immobilization of penicillin G acylase. Biochemical Engineering Journal, 2017, 127, 43-52.	1.8	32
81	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
82	Fabrication of electromagnetic Fe ₃ O ₄ @polyaniline nanofibers with high aspect ratio. RSC Advances, 2015, 5, 9986-9992.	1.7	28
83	Antagonistic effect of particles and surfactant on pore structure of macroporous materials based on high internal phase emulsion. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 506, 550-556.	2.3	28
84	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
85	Fabrication of PEI grafted Fe ₃ O ₄ /SiO ₂ /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
86	Water-borne thiol-ene isocyanate click chemistry in microfluidics: rapid and energy-efficient preparation of uniform particles. Polymer Chemistry, 2015, 6, 4366-4373.	1.9	27
87	Ultrahigh humidity sensitivity of NaCl-added 3D mesoporous silica KIT-6 and its sensing mechanism. RSC Advances, 2016, 6, 38391-38398.	1.7	27
88	A novel synthetic method for tubular nanofibers. Polymer Chemistry, 2019, 10, 4239-4245.	1.9	27
89	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
90	Performance-modified polyimine vitrimers: flexibility, thermal stability and easy reprocessing. Journal of Materials Science, 2019, 54, 2690-2698.	1.7	26

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91	Preparation of BSA surface imprinted manganese dioxide-loaded tubular carbon fibers with excellent specific rebinding to target protein. <i>Journal of Colloid and Interface Science</i> , 2020, 570, 182-196.	5.0	26
92	Synthesis of surface imprinted polymers based on wrinkled flower-like magnetic graphene microspheres with favorable recognition ability for BSA. <i>Journal of Materials Science and Technology</i> , 2021, 74, 203-215.	5.6	26
93	Synthesis of CeO ₂ nanoparticles with different morphologies and their properties as peroxidase mimic. <i>Journal of the American Ceramic Society</i> , 2019, 102, 2218-2227.	1.9	25
94	Development of surface imprinted heterogeneous nitrogen-doped magnetic carbon nanotubes as promising materials for protein separation and purification. <i>Talanta</i> , 2021, 224, 121760.	2.9	25
95	Effect of carboxyl density at the core-shell interface of surface-imprinted magnetic trilayer microspheres on recognition properties of proteins. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 265-271.	4.0	24
96	Tunable wettability of hierarchical structured coatings derived from one-step synthesized raspberry-like poly(styrene-acrylic acid) particles. <i>Polymer Chemistry</i> , 2015, 6, 703-713.	1.9	24
97	Fabrication of a Fe ₃ O ₄ @SiO ₂ @mSiO ₂ -HPG-COOH-Pd(0) supported catalyst and its performance in catalyzing the Suzuki cross-coupling reaction. <i>New Journal of Chemistry</i> , 2015, 39, 2767-2777.	1.4	24
98	Flowerlike BSA/Zn ₃ (PO ₄) ₂ /Fe ₃ O ₄ Magnetic Hybrid Particles: Preparation and Application to Adsorption of Copper Ions. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3913-3922.	1.0	24
99	Highly monodisperse dumbbell-like yolk-shell manganese monoxide/carbon microspheres for lithium storage and their lithiation evolution. <i>Carbon</i> , 2020, 170, 37-48.	5.4	24
100	Construction of binary assembled MOF-derived nanocages with dual-band microwave absorbing properties. <i>Journal of Materials Science and Technology</i> , 2022, 117, 36-48.	5.6	24
101	Core-shell structured Co@NC@MoS ₂ magnetic hierarchical nanotubes: Preparation and microwave absorbing properties. <i>Journal of Materials Science and Technology</i> , 2022, 128, 148-159.	5.6	23
102	Magnetic microcapsules with inner asymmetric structure: Controlled preparation, mechanism, and application to drug release. <i>Chemical Engineering Journal</i> , 2015, 275, 235-244.	6.6	22
103	Insight into Ce Doping Induced Oxygen Vacancies over Ce-Doped MnO ₂ Catalysts for Imine Synthesis. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1353-1359.	2.6	22
104	Facile fabrication of Fe ₃ O ₄ @PS/PGMA magnetic Janus particles via organic-inorganic dual phase separation. <i>RSC Advances</i> , 2014, 4, 27152.	1.7	21
105	Large-scale Fabrication of Polymer Microcavities with Adjustable Openings and Surface Roughness Regulated by the Polarity of both Seed Surface and Monomers. <i>Macromolecular Rapid Communications</i> , 2016, 37, 47-52.	2.0	21
106	Self-Driven BSA Surface Imprinted Magnetic Tubular Carbon Nanofibers: Fabrication and Adsorption Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3241-3252.	3.2	21
107	Synthesis and characterization of brush-like multigraft copolymers P n BA- g -PMMA by a combination of emulsion AGET ATRP and emulsion polymerization. <i>Journal of Colloid and Interface Science</i> , 2015, 453, 226-236.	5.0	20
108	Synthesis of rattle-type magnetic mesoporous Fe ₃ O ₄ @mSiO ₂ @BiOBr hierarchical photocatalyst and investigation of its photoactivity in the degradation of methylene blue. <i>RSC Advances</i> , 2015, 5, 48050-48059.	1.7	20

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109	Facile one-step synthesis of magnetic Zeolitic Imidazolate Framework for ultra fast removal of Congo red from water. <i>Microporous and Mesoporous Materials</i> , 2021, 311, 110712.	2.2	20
110	Hierarchical micro/nano/porous structure PVDF/hydrophobic GO photothermal membrane with highly efficient anti-icing/de-icing performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 651, 129586.	2.3	20
111	Preparation of pH and temperature dual-sensitive molecularly imprinted polymers based on chitosan and N-isopropylacrylamide for recognition of bovine serum albumin. <i>Polymer International</i> , 2019, 68, 955-963.	1.6	19
112	Preparation of carbon nanotube-vitrimer composites based on double dynamic covalent bonds: Electrical conductivity, reprocessability, degradability and photo-welding. <i>Polymer</i> , 2021, 235, 124280.	1.8	19
113	MnO ₂ corolla-like magnetic molecularly imprinted microspheres with enhanced adsorption capacity and specificity recognition to bovine serum albumin. <i>Chemical Engineering Journal</i> , 2021, 405, 126655.	6.6	18
114	Low-maintenance superamphiphobic coating based on a smart two-layer self-healing network. <i>Surface and Coatings Technology</i> , 2017, 331, 97-106.	2.2	17
115	Surface Microstructure Regulation of Porous Polymer Microspheres by Volume Contraction of Phase Separation Process in Traditional Suspension Polymerization System. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800768.	2.0	17
116	Fabrication and characterization of controllable wrinkled-surface polymer microparticles. <i>Journal of Materials Science</i> , 2019, 54, 5852-5864.	1.7	17
117	Facile synthesis of tubular magnetic carbon nanofibers by hypercrosslinked polymer design for microwave adsorption. <i>Journal of the American Ceramic Society</i> , 2020, 103, 5706-5720.	1.9	17
118	Bovine serum albumin surface imprinted polymer fabricated by surface grafting copolymerization on zinc oxide rods and its application for protein recognition. <i>Journal of Separation Science</i> , 2015, 38, 3477-3486.	1.3	16
119	Novel synthetic method for magnetic sulphonated tubular trap for efficient mercury removal from wastewater. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 523-535.	5.0	16
120	Cobalt-Iron Double Ion-Bovine Serum Albumin Chelation-Assisted Thermo-Sensitive Surface-Imprinted Nanocage with High Specificity. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 34829-34842.	4.0	16
121	Efficient Photocatalytic Degradation of Dyes over Hierarchical BiOBr ₂ /Co(OH) ₂ /PVP Multicomponent Photocatalyst under Visible Light Irradiation. <i>ChemCatChem</i> , 2015, 7, 4163-4172.	1.8	15
122	A novel mechanism of protein thermostability: a unique N-terminal domain confers heat resistance to Fe/Mn-SODs. <i>Scientific Reports</i> , 2015, 4, 7284.	1.6	15
123	Micron-sized flower-like Fe ₃ O ₄ @GMA magnetic porous microspheres for lipase immobilization. <i>RSC Advances</i> , 2015, 5, 92449-92455.	1.7	15
124	Controllable synthesis of spherical cerium oxide particles. <i>RSC Advances</i> , 2016, 6, 30956-30962.	1.7	15
125	Preparation of Anti-Nonspecific Adsorption Chitosan-Based Bovine Serum Albumin Imprinted Polymers with Outstanding Adsorption Capacity and Selective Recognition Ability Based on Magnetic Microspheres. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1800731.	1.7	15
126	Synthesis and evaluation of N, O-doped hypercrosslinked polymers and their performance in CO ₂ capture. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5025.	1.7	15

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127	Fe ₃ O ₄ @P(DVB/MAA)/Pd composite microspheres: preparation and catalytic degradation performance. RSC Advances, 2016, 6, 100598-100604.	1.7	14
128	A series of nanoparticles with phase-separated structures by 1,1-diphenylethene controlled one-step soap-free emulsion copolymerization and their application in drug release. Nano Research, 2017, 10, 2905-2922.	5.8	14
129	Thiolactone-based conjugation assisted magnetic imprinted microspheres for specific capturing target proteins. Chemical Engineering Journal, 2020, 399, 125767.	6.6	14
130	Metal coordination assisted thermo-sensitive magnetic imprinted microspheres for selective adsorption and efficient elution of proteins. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 612, 125981.	2.3	14
131	Preparation of light core/shell magnetic composite microspheres and their application for lipase immobilization. RSC Advances, 2016, 6, 65911-65920.	1.7	13
132	Access to tetracoordinate boron-doped polycyclic aromatic hydrocarbons with delayed fluorescence and aggregation-induced emission under mild conditions. Chemical Science, 2022, 13, 5597-5605.	3.7	13
133	Heparin-immobilized Polymeric Monolithic Column with Submicron Skeletons and Well-Defined Macropores for Highly Efficient Purification of Enterovirus 71. Macromolecular Materials and Engineering, 2018, 303, 1800411.	1.7	12
134	Magnetic tubular carbon nanofibers as anode electrodes for high-performance lithium-ion batteries. International Journal of Energy Research, 2019, 43, 8242.	2.2	12
135	Hydrophilic Fe ₃ O ₄ nanoparticles prepared by ferrocene as high-efficiency heterogeneous Fenton catalyst for the degradation of methyl orange. Applied Organometallic Chemistry, 2019, 33, e4826.	1.7	12
136	Preparation of multi-functional polyamide vitrimers via the Ugi four-component polymerization and oxime-promoted transcarbamoylation reaction. Polymer Chemistry, 2021, 12, 2009-2015.	1.9	12
137	Colloidal particles with various glass transition temperatures: preparation, assembly, and the properties of stop bands under heat treatment. Journal of Materials Science, 2014, 49, 2653-2661.	1.7	11
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