

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
g-index

179
all docs

179
docs citations

179
times ranked

5337
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Preparation of core-shell C@TiO ₂ composite microspheres with wrinkled morphology and its microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 1036-1049.	5.0	34
4	Review on Methylene Blue: Its Properties, Uses, Toxicity and Photodegradation. <i>Water (Switzerland)</i> , 2022, 14, 242.	1.2	438
5	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
6	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
7	Three-dimensional FeM ₂ (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
8	The Multicomponent Synergistic Effect of Sandwich Structure Hierarchical Nanofibers for Enhanced Sodium Storage. <i>Small</i> , 2022, 18, e2107370.	5.2	11
9	Facile synthesis of superhydrophobic coating with icing delay ability by the self-assembly of PVDF clusters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128562.	2.3	10
10	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
11	Ternary assembled MOF-derived composite: Anisotropic epitaxial growth and microwave absorption. <i>Composites Part B: Engineering</i> , 2022, 236, 109839.	5.9	43
12	Heteroatom doping hollow vanadium oxide/carbon composites as universal anode materials for efficient alkali-metal ion storage. <i>Carbon</i> , 2022, 192, 30-40.	5.4	11
13	Access to tetracoordinate boron-doped polycyclic aromatic hydrocarbons with delayed fluorescence and aggregation-induced emission under mild conditions. <i>Chemical Science</i> , 2022, 13, 5597-5605.	3.7	13
14	Estimating Preferred Alkane Carbon Numbers of Nonionic Surfactants in Normalized Hydrophilic-Lipophilic Deviation Theory from Dissipative Particle Dynamics Modeling. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3593-3606.	1.2	2
15	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
16	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
17	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
18	Constructing TCNFs/MXene/TiO ₂ microspheres with wrinkled surface for excellent electromagnetic wave absorption. <i>Journal of Alloys and Compounds</i> , 2022, 918, 165623.	2.8	6

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19	Anti- ϵ non-specific adsorption segments-assisted self-driven surface imprinted fibers for efficient protein separation. <i>AIChE Journal</i> , 2022, 68, .	1.8	3
20	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
21	Tailoring carboxyl tubular carbon nanofibers/MnO ₂ composites for high-performance lithium-ion battery anodes. <i>Journal of the American Ceramic Society</i> , 2021, 104, 1402-1414.	1.9	6
22	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
23	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
24	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
25	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
26	Metal coordination assisted thermo-sensitive magnetic imprinted microspheres for selective adsorption and efficient elution of proteins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 612, 125981.	2.3	14
27	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
28	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
29	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
30	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
31	Surface-initiated ARGET ATRP of poly(glycidyl methacrylate) from macroporous hydrogels via oil-in-water high internal phase emulsion templates for specific capture of Enterovirus 71. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 615, 126233.	2.3	4
32	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
33	Length controllable tubular carbon nanofibers: Surface adjustment and oil adsorption performances. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 615, 126272.	2.3	9
34	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
35	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
36	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

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37	Fabrication of Surface-Imprinted Magnetic Wrinkled Microspheres and Their Specific Adsorption of BSA. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 11277-11288.	1.8	8
38	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
39	Wrinkled three-dimensional porous MXene/Ni composite microspheres for efficient broadband microwave absorption. <i>Carbon</i> , 2021, 181, 58-68.	5.4	93
40	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
41	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
42	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
43	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
44	Identification of imprinted sites by fluorescence detection method based on reversible dynamic bond modified template protein. <i>Composites Part B: Engineering</i> , 2021, 223, 109154.	5.9	4
45	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
46	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
47	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
48	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
49	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
50	Preparation of multi-functional polyamide vitrimers via the Ugi four-component polymerization and oxime-promoted transcarbamoylation reaction. <i>Polymer Chemistry</i> , 2021, 12, 2009-2015.	1.9	12
51	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
52	Polymer brush-grafted monolithic macroporous polyHIPEs obtained by surface-initiated ARGET ATRP and heparinized for Enterovirus 71 purification. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50427.	1.3	3
53	Magnetic tubular carbon nanofibers as efficient Cu(II) ion adsorbent from wastewater. <i>Journal of Cleaner Production</i> , 2020, 252, 119825.	4.6	58
54	Design and preparation of bioinspired slippery liquid-infused porous surfaces with anti-icing performance via delayed phase inversion process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 588, 124384.	2.3	28

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55	Thermo-sensitive surface molecularly imprinted magnetic microspheres based on bio-macromolecules and their specific recognition of bovine serum albumin. <i>Journal of Separation Science</i> , 2020, 43, 996-1002.	1.3	10
56	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
57	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
58	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
59	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
60	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
61	Modified Tubular Carbon Nanofibers for Adsorption of Uranium(VI) from Water. <i>ACS Applied Nano Materials</i> , 2020, 3, 6394-6405.	2.4	34
62	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
63	Thiolactone-based conjugation assisted magnetic imprinted microspheres for specific capturing target proteins. <i>Chemical Engineering Journal</i> , 2020, 399, 125767.	6.6	14
64	Monolithic macroporous hydrogels prepared from oil-in-water high internal phase emulsions for high-efficiency purification of Enterovirus 71. <i>Chemical Engineering Journal</i> , 2020, 401, 126051.	6.6	11
65	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
66	Preparation of CTCNFs/Co ₉ S ₈ hybrid nanofibers with enhanced microwave absorption performance. <i>Nanotechnology</i> , 2020, 31, 225605.	1.3	10
67	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
68	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
69	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
70	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
71	Direct Synthesis of Two-Dimensional Metal-Organic Framework Nanoplates for Noble Metal Load and Gaseous Iodine Adsorption. <i>Crystal Growth and Design</i> , 2020, 20, 1378-1382.	1.4	6
72	Preparation of Novel Bifunctional Magnetic Tubular Nanofibers and Their Application in Efficient and Irreversible Uranium Trap from Aqueous Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7825-7838.	3.2	29

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73	Preparation of environmentally friendly bio-based vitrimers from vanillin derivatives by introducing two types of dynamic covalent C N and S bonds. <i>Polymer</i> , 2020, 197, 122483.	1.8	40
74	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
75	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
76	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
77	A novel synthetic method for tubular nanofibers. <i>Polymer Chemistry</i> , 2019, 10, 4239-4245.	1.9	27
78	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
79	Magnetic tubular carbon nanofibers as anode electrodes for high-performance lithium-ion batteries. <i>International Journal of Energy Research</i> , 2019, 43, 8242.	2.2	12
80	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
81	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
82	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
83	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
84	Tubular carbon nanofibers: Synthesis, characterization and applications in microwave absorption. <i>Carbon</i> , 2019, 152, 255-266.	5.4	120
85	New method for hydrogel synthesis from diphenylcarbazine chitosan for selective copper removal. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 189-198.	3.6	53
86	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
87	Preparation of surface protein imprinted thermosensitive polymer monolithic column and its specific adsorption for BSA. <i>Talanta</i> , 2019, 200, 526-536.	2.9	34
88	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
89	Hydrophilic Fe ₃ O ₄ nanoparticles prepared by ferrocene as high-efficiency heterogeneous Fenton catalyst for the degradation of methyl orange. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4826.	1.7	12
90	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

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91	Novel Synthetic Method for Magnetic Porous Carbon Materials for Efficient Adsorption of Organic Pollutants from Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 5974-5984.	1.0	4
92	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
93	Fabrication and characterization of controllable wrinkled-surface polymer microparticles. <i>Journal of Materials Science</i> , 2019, 54, 5852-5864.	1.7	17
94	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
95	Preparation of Functionalized SiO ₂ Microspheres by One Step Method. <i>Silicon</i> , 2019, 11, 2819-2827.	1.8	1
96	Performance-modified polyimine vitrimers: flexibility, thermal stability and easy reprocessing. <i>Journal of Materials Science</i> , 2019, 54, 2690-2698.	1.7	26
97	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
98	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
99	Controllable Synthesis and Growth Mechanism of Ceria Nanocubes by Template-Free Hydrothermal Method. <i>Crystal Research and Technology</i> , 2018, 53, 1700233.	0.6	8
100	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
101	A conjugation polyimine vitrimer: Fabrication and performance. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2531-2538.	2.5	60
102	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
103	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
104	Heparin-Immobilized Polymeric Monolithic Column with Submicron Skeletons and Well-Defined Macropores for Highly Efficient Purification of Enterovirus 71. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800411.	1.7	12
105	Fabrication of micron-sized BSA-imprinted polymers with outstanding adsorption capacity based on poly(glycidyl methacrylate)/polystyrene (PGMA/PS) anisotropic microspheres. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5860-5866.	2.9	26
106	Quaternary ammonium functionalized Fe ₃ O ₄ & P(GMA-AA-DVB) magnetic Janus particles as highly efficient catalysts for phase transfer reactions. <i>Dalton Transactions</i> , 2018, 47, 12893-12900.	1.6	7
107	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
108	Preparation and photothermal therapy of hyaluronic acid-conjugated Au nanoparticle-coated poly(glycidyl methacrylate) nanocomposites. <i>Journal of Materials Science</i> , 2018, 53, 16252-16262.	1.7	7

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109	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
110	Preparation and photothermal study of polystyrene coated with gold nanoshell composite particles. <i>Journal of Materials Science</i> , 2017, 52, 6581-6590.	1.7	7
111	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
112	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
113	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
114	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
115	Magnetic mesoporous microspheres modified with hyperbranched amine for the immobilization of penicillin G acylase. <i>Biochemical Engineering Journal</i> , 2017, 127, 43-52.	1.8	32
116	Synthesis of paramagnetic dendritic silica nanomaterials with fibrous pore structure (Fe ₃ O ₄ @KCC-1) and their application in immobilization of lipase from <i>Candida rugosa</i> with enhanced catalytic activity and stability. <i>New Journal of Chemistry</i> , 2017, 41, 8222-8231.	1.4	33
117	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. <i>Nano Research</i> , 2017, 10, 2905-2922.	5.8	14
118	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
119	Preparation of light core/shell magnetic composite microspheres and their application for lipase immobilization. <i>RSC Advances</i> , 2016, 6, 65911-65920.	1.7	13
120	Ultrahigh humidity sensitivity of NaCl-added 3D mesoporous silica KIT-6 and its sensing mechanism. <i>RSC Advances</i> , 2016, 6, 38391-38398.	1.7	27
121	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
122	Effect of the Structure and Length of Flexible Chains on Dendrimers Grafted Fe ₃ O ₄ @SiO ₂ /PAMAM Magnetic Nanocarriers for Lipase Immobilization. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 6382-6390.	3.2	34
123	Fe ₃ O ₄ @P(DVB/MAA)/Pd composite microspheres: preparation and catalytic degradation performance. <i>RSC Advances</i> , 2016, 6, 100598-100604.	1.7	14
124	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
125	Design of Raspberry-Shaped Microcarriers with Adjustable Protrusions and Functional Groups for the Improvement of Lipase Immobilization and Biocatalysis: Environmentally Friendly Esterification of Oleic Acid for Biodiesel. <i>ChemCatChem</i> , 2016, 8, 2576-2576.	1.8	1
126	Antagonistic effect of particles and surfactant on pore structure of macroporous materials based on high internal phase emulsion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 550-556.	2.3	28

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127	Grafting-through Strategy in Emulsion: An Eco-friendly and Effective Route for the Synthesis of Graft Copolymers. <i>ChemistrySelect</i> , 2016, 1, 1870-1878.	0.7	1
128	Preparation of quaternary amine monolithic column for strong anion-exchange chromatography and its application to the separation of Enterovirus 71. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1033-1034, 399-405.	1.2	8
129	Design of Raspberry-Shaped Microcarriers with Adjustable Protrusions and Functional Groups for the Improvement of Lipase Immobilization and Biocatalysis: Environmentally Friendly Esterification of Oleic Acid for Biodiesel. <i>ChemCatChem</i> , 2016, 8, 2634-2641.	1.8	0
130	Hyperscrosslinked polymers: controlled preparation and effective adsorption of aniline. <i>Journal of Materials Science</i> , 2016, 51, 8579-8592.	1.7	33
131	Preparation of one-dimensional Fe ₃ O ₄ @P(MAA-DVB)-Pd(0) magnetic nanochains and application for rapid degradation of organic dyes. <i>RSC Advances</i> , 2016, 6, 97882-97889.	1.7	9
132	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
133	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
134	Controllable synthesis of spherical cerium oxide particles. <i>RSC Advances</i> , 2016, 6, 30956-30962.	1.7	15
135	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
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