

Qing-Da An

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126
papers

2,617
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26
h-index

44
g-index

131
ext. papers

3,547
ext. citations

6.4
avg, IF

5.8
L-index

#	Paper	IF	Citations
126	Flexible core-shell/bead-like alginate@PEI with exceptional adsorption capacity, recycling performance toward batch and column sorption of Cr(VI). <i>Chemical Engineering Journal</i> , 2017 , 313, 475-486	14.7	185
125	Dye adsorption of mesoporous activated carbons produced from NaOH-pretreated rice husks. <i>Bioresource Technology</i> , 2013 , 136, 437-43	11	159
124	Efficient removal of Pb(II), Cr(VI) and organic dyes by polydopamine modified chitosan aerogels. <i>Carbohydrate Polymers</i> , 2018 , 202, 306-314	10.3	121
123	Interior multi-cavity/surface engineering of alginate hydrogels with polyethylenimine for highly efficient chromium removal in batch and continuous aqueous systems. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17073-17087	13	101
122	Transforming goat manure into surface-loaded cobalt/biochar as PMS activator for highly efficient ciprofloxacin degradation. <i>Chemical Engineering Journal</i> , 2020 , 395, 125063	14.7	74
121	Rational Design of Superior Microwave Shielding Composites Employing Synergy of Encapsulating Character of Alginate Hydrogels and Task-Specific Components (Ni NPs, Fe ₃ O ₄ /CNTs). <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5394-5407	8.3	61
120	Polyethylenimine-functionalized cellulose aerogel beads for efficient dynamic removal of chromium(VI) from aqueous solution. <i>RSC Advances</i> , 2017 , 7, 54039-54052	3.7	58
119	Inherent N-Doped Honeycomb-like Carbon/Fe ₃ O ₄ Composites with Versatility for Efficient Microwave Absorption and Wastewater Treatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 9237-9248	8.3	55
118	Solvothermal synthesis of three-dimensional, Fe ₂ O ₃ NPs-embedded CNT/N-doped graphene composites with excellent microwave absorption performance. <i>RSC Advances</i> , 2017 , 7, 45156-45169	3.7	54
117	Construction of strawberry-like Ni ₃ S ₂ @Co ₉ S ₈ heteronanoparticle-embedded biomass-derived 3D N-doped hierarchical porous carbon for ultrahigh energy density supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 17345-17356	13	53
116	Seaweed-derived multifunctional nitrogen/cobalt-codoped carbonaceous beads for relatively high-efficient peroxydisulfate activation for organic pollutants degradation. <i>Chemical Engineering Journal</i> , 2018 , 353, 746-759	14.7	50
115	Construction of core-shell PPy@MoS ₂ with nanotube-like heterostructures for electromagnetic wave absorption: Assembly and enhanced mechanism. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020 , 136, 105965	8.4	50
114	Tailor-made core/shell/shell-like Fe ₃ O ₄ @SiO ₂ @PPy composites with prominent microwave absorption performance. <i>Journal of Alloys and Compounds</i> , 2019 , 779, 831-843	5.7	46
113	One-step fabrication of highly stable, superhydrophobic composites from controllable and low-cost PMHS/TEOS sols for efficient oil cleanup. <i>Journal of Colloid and Interface Science</i> , 2015 , 446, 155-62	9.3	45
112	Crucial factors affecting the physicochemical properties of sol-gel produced Fe ₃ O ₄ @SiO ₂ /NH ₂ core-shell nanomaterials. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 64, 347-357	2.3	40
111	Efficiently selective adsorption of Pb(II) with functionalized alginate-based adsorbent in batch/column systems: Mechanism and application simulation. <i>Journal of Cleaner Production</i> , 2020 , 250, 119585	10.3	36
110	High-efficacy adsorption of Cr(VI) and anionic dyes onto Cyclodextrin/chitosan/hexamethylenetetramine aerogel beads with task-specific, integrated components. <i>International Journal of Biological Macromolecules</i> , 2019 , 128, 268-278	7.9	35

109	Synthesis of lightweight, hierarchical cabbage-like composites as superior electromagnetic wave absorbent. <i>Chemical Engineering Journal</i> , 2016 , 289, 261-269	14.7	35
108	Significant promotion of porous architecture and magnetic FeO NPs inside honeycomb-like carbonaceous composites for enhanced microwave absorption.. <i>RSC Advances</i> , 2018 , 8, 19011-19023	3.7	34
107	Monolithic magnetic carbonaceous beads for efficient Cr(VI) removal from water. <i>New Journal of Chemistry</i> , 2016 , 40, 1195-1204	3.6	29
106	Alginate and polyethyleneimine dually mediated synthesis of nanosilver-containing composites for efficient p-nitrophenol reduction. <i>Carbohydrate Polymers</i> , 2018 , 181, 744-751	10.3	29
105	Controllable N-Doped Carbonaceous Composites with Highly Dispersed Ni Nanoparticles for Excellent Microwave Absorption. <i>ACS Applied Nano Materials</i> , 2018 , 1, 5895-5906	5.6	29
104	Designed construction of Ti3C2Tx@PPY composites with enhanced microwave absorption performance. <i>Journal of Alloys and Compounds</i> , 2019 , 802, 445-457	5.7	27
103	Ultrahigh selective and efficient removal of anionic dyes by recyclable polyethylenimine-modified cellulose aerogels in batch and fixed-bed systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 555, 150-160	5.1	27
102	Function integrated chitosan-based beads with throughout sorption sites and inherent diffusion network for efficient phosphate removal. <i>Carbohydrate Polymers</i> , 2020 , 230, 115639	10.3	27
101	Efficient batch and column removal of Cr(VI) by carbon beads with developed nano-network. <i>RSC Advances</i> , 2016 , 6, 104897-104910	3.7	26
100	In situ preparation of uniform Ag NPs onto multifunctional Fe3O4@SN/HPW@CG towards efficient reduction of 4-nitrophenol. <i>New Journal of Chemistry</i> , 2014 , 38, 3999-4006	3.6	26
99	Fractionation of alkali lignin by organic solvents for biodegradable microsphere through self-assembly. <i>Bioresource Technology</i> , 2019 , 289, 121640	11	25
98	Preparation of PEI/CS aerogel beads with a high density of reactive sites for efficient Cr(VI) sorption: batch and column studies. <i>RSC Advances</i> , 2017 , 7, 40227-40236	3.7	25
97	Versatile hierarchical Cu/Fe3O4 nanocatalysts for efficient degradation of organic dyes prepared by a facile, controllable hydrothermal method. <i>RSC Advances</i> , 2015 , 5, 74575-74584	3.7	24
96	Interfacial integration of zirconium components with amino-modified lignin for selective and efficient phosphate capture. <i>Chemical Engineering Journal</i> , 2020 , 398, 125561	14.7	24
95	High-performance electromagnetic wave absorbing composites prepared by one-step transformation of Fe3+ mediated egg-box structure of seaweed. <i>RSC Advances</i> , 2016 , 6, 98128-98140	3.7	24
94	Hierarchical carbonaceous composites with dispersed Co species prepared using the inherent nanostructural platform of biomass for enhanced microwave absorption. <i>Microporous and Mesoporous Materials</i> , 2020 , 302, 110210	5.3	24
93	A high-temperature phosphorization for synthesis of core-shell Ni-NixPy@C nanocomposite-immobilized sponge-like P-doped porous carbon with excellent supercapacitance performance. <i>Electrochimica Acta</i> , 2019 , 309, 197-208	6.7	23
92	One-Step Green Synthesis of Multifunctional Fe3O4/Cu Nanocomposites toward Efficient Reduction of Organic Dyes. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1692-1699	2.3	23

91	Alginate modified graphitic carbon nitride composite hydrogels for efficient removal of Pb(II), Ni(II) and Cu(II) from water. <i>International Journal of Biological Macromolecules</i> , 2020 , 148, 1298-1306	7.9	23
90	Combined liquid hot water with sodium carbonate-oxygen pretreatment to improve enzymatic saccharification of reed. <i>Bioresource Technology</i> , 2020 , 297, 122498	11	23
89	Highly recyclable Ag NPs/alginate composite beads prepared via one-pot encapsulation method for efficient continuous reduction of p-nitrophenol. <i>New Journal of Chemistry</i> , 2017 , 41, 13327-13335	3.6	22
88	Sodium alginate-based magnetic carbonaceous biosorbents for highly efficient Cr(VI) removal from water. <i>RSC Advances</i> , 2015 , 5, 77932-77941	3.7	22
87	Synergistic preparation of modified alginate aerogel with melamine/chitosan for efficiently selective adsorption of lead ions. <i>Carbohydrate Polymers</i> , 2021 , 256, 117564	10.3	22
86	Versatile core/shell-like alginate@polyethylenimine composites for efficient removal of multiple heavy metal ions (Pb ²⁺ , Cu ²⁺ , CrO ₄ ²⁻): Batch and fixed-bed studies. <i>Materials Research Bulletin</i> , 2019 , 118, 110526	5.1	21
85	Preparation of superhydrophobic materials for oil/water separation and oil absorption using PMHS/TEOS-derived xerogel and polystyrene. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 72, 385-393	3.3	20
84	Constructing Stacked Structure of S-Doped Carbon Layer-Encapsulated MoO ₂ NPs with Dominated Dielectric Loss for Microwave Absorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 19546-19553	8.3	20
83	Hydrophilic, hollow Fe ₃ O ₄ @PDA spheres with a storage cavity for efficient removal of polycyclic structured tetracycline. <i>New Journal of Chemistry</i> , 2017 , 41, 1235-1244	3.6	19
82	Facile solvothermal synthesis of novel hetero-structured CoNi ₂ O composites with excellent microwave absorption performance. <i>RSC Advances</i> , 2017 , 7, 43689-43699	3.7	19
81	Upon designing carboxyl methylcellulose and chitosan-derived nanostructured sorbents for efficient removal of Cd(II) and Cr(VI) from water. <i>International Journal of Biological Macromolecules</i> , 2020 , 143, 640-650	7.9	19
80	Multifunctional hollow polydopamine-based composites (Fe ₃ O ₄ /PDA@Ag) for efficient degradation of organic dyes. <i>RSC Advances</i> , 2016 , 6, 47761-47770	3.7	19
79	Hydrogen Bond Promoted Lignin Solubilization and Electrospinning in Low Cost Protic Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 18593-18602	8.3	18
78	Effect of preparation conditions on structural properties of PMHS-TEOS hybrid materials. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 59, 480-487	2.3	18
77	Monolithic Cu/C hybrid beads with well-developed porosity for the reduction of 4-nitrophenol to 4-aminophenol. <i>New Journal of Chemistry</i> , 2017 , 41, 13230-13234	3.6	17
76	Dopamine-derived cavities/FeO nanoparticles-encapsulated carbonaceous composites with self-generated three-dimensional network structure as an excellent microwave absorber.. <i>RSC Advances</i> , 2019 , 9, 766-780	3.7	17
75	Fabrication of highly-stable Ag/CA@GTA hydrogel beads and their catalytic application. <i>RSC Advances</i> , 2014 , 4, 60460-60466	3.7	17
74	Carboxymethyl cellulose-based cryogels for efficient heavy metal capture: Aluminum-mediated assembly process and sorption mechanism. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 3275-3286	7.9	17

73	One-step preparation of Fe _x O _y /N-GN/CNTs heterojunctions as a peroxymonosulfate activator for relatively highly-efficient methylene blue degradation. <i>Chinese Journal of Catalysis</i> , 2018 , 39, 1842-1853	11.3	17
72	Designing ordered composites with confined Co ₃ N ₄ /C layers for efficient pollutant degradation: Structure-dependent performance and PMS activation mechanism. <i>Microporous and Mesoporous Materials</i> , 2020 , 293, 109810	5.3	16
71	Versatile bimetal sulfides nanoparticles-embedded N-doped hierarchical carbonaceous aerogels (N-Ni _x S _y /Co _x S _y @C) for excellent supercapacitors and microwave absorption. <i>Carbon</i> , 2021 , 179, 111-124	10.4	16
70	Performance enhanced electromagnetic wave absorber from controllable modification of natural plant fiber.. <i>RSC Advances</i> , 2019 , 9, 16690-16700	3.7	15
69	Alginate-Derived Porous Carbon Obtained by Nano-ZnO Hard Template-Induced ZnCl ₂ -Activation Method for Enhanced Electrochemical Performance. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 040505	3.9	15
68	Synthesis of nickel sulfide-supported on porous carbon from a natural seaweed-derived polysaccharide for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021 , 853, 157123	5.7	15
67	Porous NiCoP@PC hybrid as efficient positive electrodes for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2020 , 835, 155157	5.7	14
66	Circular utilization of Co(II) adsorbed composites for efficient organic pollutants degradation by transforming into Co/N-doped carbonaceous catalyst. <i>Journal of Cleaner Production</i> , 2019 , 236, 117630	10.3	14
65	Synthesis and Characterization of Tungstophosphoric Acid/Pentaethylenehexamine/ZrSBA-15 and Its Use in the Selective Oxidation of Benzyl Alcohol under Solvent-Free Conditions. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 2337-2344	2.3	14
64	Hard template-induced internal solidification synthesis of Cu NPs- supported glutaraldehyde-crosslinked polyethyleneimine-modified calcium alginate beads with enhanced catalytic activity. <i>Applied Catalysis A: General</i> , 2018 , 568, 105-113	5.1	14
63	Enhanced metal-support interactions between Pd NPs and ZrSBA-15 for efficient aerobic benzyl alcohol oxidation. <i>RSC Advances</i> , 2016 , 6, 70424-70432	3.7	13
62	Highly efficient and stable catalysis of p-nitrophenol via silver/lignin/polyacrylic acid hydrogel. <i>International Journal of Biological Macromolecules</i> , 2020 , 144, 947-953	7.9	13
61	Starch-graft-polyacrylonitrile nanofibers by electrospinning. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 2552-2559	7.9	13
60	Enhanced catalytic activity of nanosilver with lignin/polyacrylamide hydrogel for reducing p-nitrophenol. <i>International Journal of Biological Macromolecules</i> , 2019 , 134, 202-209	7.9	12
59	Heavy metal removal of tri-amino-functionalized sol-gel hybrids with tailored characteristics. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 62, 177-185	2.3	12
58	Hydrogels with diffusion-facilitated porous network for improved adsorption performance. <i>Korean Journal of Chemical Engineering</i> , 2018 , 35, 2384-2393	2.8	12
57	Facile fabrication of SBA-15/polypyrrole composites with long-rod shape for enhanced electromagnetic wave absorption. <i>Microporous and Mesoporous Materials</i> , 2019 , 288, 109584	5.3	11
56	Facile sol-gel synthesis of thiol-functionalized materials from TEOS-MPTMS-PMHS system. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 61, 23-33	2.3	11

55	Oxygen-containing/amino groups bifunctionalized SBA-15 toward efficient removal of methylene blue: kinetics, isotherm and mechanism analysis. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 76, 320-331	2.3	10
54	Modifying alginate beads using polycarboxyl component for enhanced metal ions removal. <i>International Journal of Biological Macromolecules</i> , 2020 , 158, 493-501	7.9	10
53	Network interior and surface engineering of alginate-based beads using sorption affinity component for enhanced phosphate capture. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 301-309	7.9	10
52	Magnetic and Stable H3PW12O40-Based Core@shell Nanomaterial towards the Esterification of Oleic Acid with Methanol. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 5428-5435	2.3	10
51	Sol-gel synthesis of nanosilver embedded hybrid materials using combined organosilica precursors. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 62, 281-286	2.3	10
50	Magnetic aminated lignin/CeO/FeO composites with tailored interfacial chemistry and affinity for selective phosphate removal. <i>Science of the Total Environment</i> , 2021 , 796, 148984	10.2	10
49	Combining mussel and seaweed hydrogel-inspired strategies to design novel ion-imprinted sorbents for ultra-efficient lead removal from water. <i>New Journal of Chemistry</i> , 2019 , 43, 5495-5502	3.6	9
48	Lipid profiles in different parts of two species of scallops (<i>Chlamys farreri</i> and <i>Patinopecten yessoensis</i>). <i>Food Chemistry</i> , 2018 , 243, 319-327	8.5	9
47	Three-dimensional hierarchical porous carbon derived from lignin for supercapacitors: Insight into the hydrothermal carbonization and activation. <i>International Journal of Biological Macromolecules</i> , 2021 , 166, 923-933	7.9	9
46	Defect-rich N-doped porous carbon derived from alginate by HNO ₃ etching combined with a hard template method for high-performance supercapacitors. <i>Materials Chemistry and Physics</i> , 2021 , 260, 124121	4.4	9
45	A versatile N-doped honeycomb-like carbonaceous aerogels loaded with bimetallic sulfide and oxide for superior electromagnetic wave absorption and supercapacitor applications. <i>Carbon</i> , 2021 , 181, 335-347	10.4	9
44	Green synthesis of magnetic core-shell Fe ₃ O ₄ @SNiAg towards efficient reduction of 4-nitrophenol. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 73, 299-305	2.3	8
43	Facile fabrication of CuS/Carbon composites using lignosulfonate for efficient palladium recovery under strong acidic conditions. <i>Journal of Hazardous Materials</i> , 2020 , 391, 122253	12.8	8
42	Construction of SnMo bimetallic oxide nanoparticle-encapsulated P-doped 3D hierarchical porous carbon through an in-situ reduction and competitive cross-linking strategy for efficient pseudocapacitive energy storage. <i>Electrochimica Acta</i> , 2020 , 343, 136106	6.7	8
41	Enhanced properties of CoS ₂ /Cu ₂ S embedded N/S co-doped mesh-like carbonaceous composites for electromagnetic wave absorption. <i>Carbon</i> , 2022 , 186, 238-252	10.4	8
40	Hierarchical nitrogen/cobalt co-doped carbonaceous materials with electromagnetic waves absorption promoting nanostructures. <i>Journal of Alloys and Compounds</i> , 2020 , 822, 153666	5.7	8
39	N-doped hollow carbon spheres with controllable shell numbers for high-performance electrical double-layer capacitors. <i>Journal of Power Sources</i> , 2021 , 493, 229679	8.9	8
38	N/P-codoped 3D carbonaceous framework loaded Mo-based particles as versatile electromagnetic wave absorber. <i>Journal of Alloys and Compounds</i> , 2020 , 812, 152167	5.7	8

37	Interior engineering of seaweed-derived N-doped versatile carbonaceous beads with Co O for universal organic pollutant degradation.. <i>RSC Advances</i> , 2019 , 9, 5009-5024	3.7	7
36	Carbonilica composite bio-sorbents with a high density of oxygen-containing sites for efficient methylene blue adsorption. <i>Research on Chemical Intermediates</i> , 2016 , 42, 839-854	2.8	7
35	Interplay between zirconium addition and morphology/catalytic performance of HPW/PEHA/SBA-15 composites towards selective oxidation of benzyl alcohol. <i>Journal of Porous Materials</i> , 2015 , 22, 997-1008	2.4	7
34	PMHS-reduced fabrication of hollow AgBiO ₂ composite spheres with developed porosity. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 75, 82-89	2.3	7
33	Rational construction of Co NPs embedded N-doped carbon layer/ZrSBA-15 composites with hierarchical succulent-like nanostructures for enhanced microwave absorption. <i>Microporous and Mesoporous Materials</i> , 2020 , 294, 109880	5.3	7
32	Adsorption equilibrium, kinetics and mechanism of Pb(II) over carbonilica composite biosorbent with designed surface oxygen groups. <i>Research on Chemical Intermediates</i> , 2016 , 42, 869-891	2.8	6
31	Water addition enhanced thermal stability of alkylimidazolium acetate in Ionosolv treatment of lignin. <i>International Journal of Biological Macromolecules</i> , 2019 , 141, 1055-1064	7.9	6
30	Correlation between pore-expanding and dye adsorption of platelet C/SBA-15 prepared by carbonization and oxidation of P123-TMB/SBA-15 composites. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 70, 451-463	2.3	6
29	Fabrication of polymeric and silica ceramic porous microstructures by perfluoropolyether based soft lithography. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2750	7.1	6
28	Promotional effect of embedded Ni NPs in alginate-based carbon toward Pd NPs efficiency for high-concentration p-nitrophenol reduction. <i>International Journal of Biological Macromolecules</i> , 2021 , 173, 160-167	7.9	6
27	1-Ethyl-3-methylimidazolium acetate ionic liquid as simple and efficient catalytic system for the oxidative depolymerization of alkali lignin. <i>International Journal of Biological Macromolecules</i> , 2021 , 183, 285-294	7.9	6
26	Three-dimensional hierarchical porous lignin-derived carbon/WO for high-performance solid-state planar micro-supercapacitor. <i>International Journal of Biological Macromolecules</i> , 2021 , 190, 11-18	7.9	6
25	Facile synthesis of carbon nanoparticles/graphene composites derived from biomass resources and their application in lithium ion batteries. <i>RSC Advances</i> , 2016 , 6, 79366-79371	3.7	5
24	In situ reduction and stabilization of Ag NPs onto magnetic composites for rapid hydrogenation catalysis. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 75, 680-692	2.3	5
23	Valuable cobalt/biochar with enriched surface oxygen-containing groups prepared from bio-waste shrimp shell for efficient peroxymonosulfate activation. <i>Separation and Purification Technology</i> , 2022 , 281, 119901	8.3	5
22	Recyclable Cu(I)/ZrSBA-15 prepared via a mild vapor-reduction method for efficient thiophene removal from modeled oil. <i>RSC Advances</i> , 2017 , 7, 6605-6614	3.7	4
21	Highly Efficient Dynamic Degradation of Methylene Blue on Hierarchical Nitrogen/Cobalt-Co-Doped Carbonaceous Beads with Diffusion Promoting Nanostructures. <i>ChemNanoMat</i> , 2019 , 5, 802-813	3.5	4
20	Biomass-based carbon beads with a tailored hierarchical structure and surface chemistry for efficient batch and column uptake of methylene blue. <i>Research on Chemical Intermediates</i> , 2018 , 44, 2867-2887 ⁴	2.8	4

19	Multistage reclamation of Co-containing alginate hydrogels as excellent reduction catalyst and subsequent microwave absorber by facile transformation. <i>International Journal of Biological Macromolecules</i> , 2021 , 166, 1513-1525	7.9	4
18	ZIF-67/CMC-derived 3D N-doped hierarchical porous carbon with in-situ encapsulated bimetallic sulfide and Ni NPs for synergistic microwave absorption. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021 , 149, 106584	8.4	4
17	Bi-layered hollow amphoteric composites: Rational construction and ultra-efficient sorption performance for anionic Cr(VI) and cationic Cu(II) ions. <i>Journal of Colloid and Interface Science</i> , 2022 , 607, 556-567	9.3	4
16	Selective capture of lanthanum and lead cations over biomass-derived ion-imprinted biomacromolecule adsorbents. <i>Journal of Molecular Liquids</i> , 2019 , 291, 111290	6	3
15	Ag+/MPTMS/PMHS-mediated two-step acidBase synthesis of hybrid materials with embedded nanosilver. <i>Journal of Sol-Gel Science and Technology</i> , 2013 , 66, 264-273	2.3	3
14	Deposition of N-doped carbon layers inside acidic ZrSBA-15: significant enhancement of catalytic performance of Pd NPs toward benzyl alcohol aerobic oxidation. <i>Journal of Sol-Gel Science and Technology</i> , 2017 , 84, 180-191	2.3	3
13	Characterization of lignin streams during ionic liquid/hydrochloric acid/formaldehyde pretreatment of corn stalk. <i>Bioresource Technology</i> , 2021 , 331, 125064	11	3
12	Biochar/Mg-Al spinel carboxymethyl cellulose-La hydrogels with cationic polymeric layers for selective phosphate capture. <i>Journal of Colloid and Interface Science</i> , 2022 , 606, 736-747	9.3	3
11	PVP-assisted synthesis of raspberry-like composite particles. <i>Journal of Sol-Gel Science and Technology</i> , 2016 , 78, 228-238	2.3	2
10	Green planting silver nanoparticles on Populus fibers and the catalytic application. <i>Research on Chemical Intermediates</i> , 2018 , 44, 5669-5681	2.8	2
9	Synergistic effect of Zr-incorporated framework and subsequent deposition of PEHA towards efficient and reusable HPW/PEHA/ZrSBA-15 composites. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 71, 354-363	2.3	2
8	Facile Assembly of Dispersed ZrMCM-41 Nanoparticles Promoted in-situ by Zirconium Salt. <i>Journal of the Chinese Chemical Society</i> , 2011 , 58, 181-185	1.5	2
7	Sandwich-like N-C/Cu/N-C porous beads derived from alginate with enhanced catalytic activity and excellent recyclability for 4-nitrophenol reduction. <i>Industrial Crops and Products</i> , 2021 , 164, 113413	5.9	2
6	Facile transformation of carboxymethyl cellulose beads into hollow composites for dye adsorption. <i>International Journal of Biological Macromolecules</i> , 2021 , 190, 919-926	7.9	2
5	Construction of nickel ferrite nanoparticle-loaded on carboxymethyl cellulose-derived porous carbon for efficient pseudocapacitive energy storage.. <i>Journal of Colloid and Interface Science</i> , 2022 , 622, 327-335	9.3	2
4	Site-imprinted hollow composites with integrated functions for ultra-efficient capture of hexavalent chromium from water. <i>Separation and Purification Technology</i> , 2022 , 284, 120240	8.3	1
3	Three-dimensional CoN/SBA-15/alginate hydrogels with excellent recovery and recyclability for activating peroxymonosulfate to degrade ciprofloxacin. <i>Microporous and Mesoporous Materials</i> , 2021 , 323, 111259	5.3	1
2	Dual-wastes derived biochar with tailored surface features for highly efficient p-nitrophenol adsorption. <i>Journal of Cleaner Production</i> , 2022 , 353, 131571	10.3	1

- 1 Nickel oxide/sulfide nanoparticle-embedded porous carbon prepared from kelp for excellent asymmetrical supercapacitors and microwave absorbers. *Journal of Alloys and Compounds*, **2022**, 165721^{5.7} 1