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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121 papers	8,834 citations	49 h-index	93 g-index
126 ext. papers	11,191 ext. citations	8.2 avg, IF	6.39 L-index

#	Paper	IF	Citations
121	Application of biochar for the removal of pollutants from aqueous solutions. <i>Chemosphere</i> , 2015 , 125, 70-85	8.4	989
120	Biochar-based nano-composites for the decontamination of wastewater: A review. <i>Bioresource Technology</i> , 2016 , 212, 318-333	11	479
119	Biochar to improve soil fertility. A review. <i>Agronomy for Sustainable Development</i> , 2016 , 36, 1	6.8	387
118	Facile assembled biochar-based nanocomposite with improved graphitization for efficient photocatalytic activity driven by visible light. <i>Applied Catalysis B: Environmental</i> , 2019 , 250, 78-88	21.8	370
117	Biochar as potential sustainable precursors for activated carbon production: Multiple applications in environmental protection and energy storage. <i>Bioresource Technology</i> , 2017 , 227, 359-372	11	347
116	Bioremediation mechanisms of combined pollution of PAHs and heavy metals by bacteria and fungi: A mini review. <i>Bioresource Technology</i> , 2017 , 224, 25-33	11	270
115	Investigation of the adsorption-reduction mechanisms of hexavalent chromium by ramie biochars of different pyrolytic temperatures. <i>Bioresource Technology</i> , 2016 , 218, 351-9	11	211
114	Sorption performance and mechanisms of arsenic(V) removal by magnetic gelatin-modified biochar. <i>Chemical Engineering Journal</i> , 2017 , 314, 223-231	14.7	208
113	Nitrogen-doped biochar fiber with graphitization from Boehmeria nivea for promoted peroxymonosulfate activation and non-radical degradation pathways with enhancing electron transfer. <i>Applied Catalysis B: Environmental</i> , 2020 , 269, 118850	21.8	208
112	Competitive adsorption of Pb(II), Cd(II) and Cu(II) onto chitosan-pyromellitic dianhydride modified biochar. <i>Journal of Colloid and Interface Science</i> , 2017 , 506, 355-364	9.3	207
111	Removal of 17 β -estradiol by few-layered graphene oxide nanosheets from aqueous solutions: External influence and adsorption mechanism. <i>Chemical Engineering Journal</i> , 2016 , 284, 93-102	14.7	201
110	Efficiency and mechanisms of Cd removal from aqueous solution by biochar derived from water hyacinth (<i>Eichornia crassipes</i>). <i>Journal of Environmental Management</i> , 2015 , 153, 68-73	7.9	182
109	Effective removal of Cr(VI) using β -cyclodextrin-chitosan modified biochars with adsorption/reduction bifunctional roles. <i>RSC Advances</i> , 2016 , 6, 94-104	3.7	174
108	Effect of porous zincBiochar nanocomposites on Cr(VI) adsorption from aqueous solution. <i>RSC Advances</i> , 2015 , 5, 35107-35115	3.7	164
107	Biochar for environmental management: Mitigating greenhouse gas emissions, contaminant treatment, and potential negative impacts. <i>Chemical Engineering Journal</i> , 2019 , 373, 902-922	14.7	147
106	Chitosan modification of magnetic biochar produced from <i>Eichornia crassipes</i> for enhanced sorption of Cr(VI) from aqueous solution. <i>RSC Advances</i> , 2015 , 5, 46955-46964	3.7	130
105	Cu(II)-influenced adsorption of ciprofloxacin from aqueous solutions by magnetic graphene oxide/nitritotriacetic acid nanocomposite: Competition and enhancement mechanisms. <i>Chemical Engineering Journal</i> , 2017 , 319, 219-228	14.7	122

104	Adsorption of Estrogen Contaminants by Graphene Nanomaterials under Natural Organic Matter Preloading: Comparison to Carbon Nanotube, Biochar, and Activated Carbon. <i>Environmental Science & Technology</i> , 2017 , 51, 6352-6359	10.3	119
103	Adsorption behavior of engineered carbons and carbon nanomaterials for metal endocrine disruptors: Experiments and theoretical calculation. <i>Chemosphere</i> , 2019 , 222, 184-194	8.4	118
102	Mechanisms underlying the photocatalytic degradation pathway of ciprofloxacin with heterogeneous TiO ₂ . <i>Chemical Engineering Journal</i> , 2020 , 380, 122366	14.7	113
101	Biomass-derived porous graphitic carbon materials for energy and environmental applications. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 5773-5811	13	110
100	Facile synthesis of Cu(II) impregnated biochar with enhanced adsorption activity for the removal of doxycycline hydrochloride from water. <i>Science of the Total Environment</i> , 2017 , 592, 546-553	10.2	108
99	Utilization of LDH-based materials as potential adsorbents and photocatalysts for the decontamination of dyes wastewater: a review. <i>RSC Advances</i> , 2016 , 6, 79415-79436	3.7	107
98	Tetracycline absorbed onto nitrilotriacetic acid-functionalized magnetic graphene oxide: Influencing factors and uptake mechanism. <i>Journal of Colloid and Interface Science</i> , 2017 , 485, 269-279	9.3	106
97	A review on strategies to LDH-based materials to improve adsorption capacity and photoreduction efficiency for CO ₂ . <i>Coordination Chemistry Reviews</i> , 2019 , 386, 154-182	23.2	100
96	Catalytic degradation of estrogen by persulfate activated with iron-doped graphitic biochar: Process variables effects and matrix effects. <i>Chemical Engineering Journal</i> , 2019 , 378, 122141	14.7	97
95	Competitive removal of Cd(II) and Pb(II) by biochars produced from water hyacinths: performance and mechanism. <i>RSC Advances</i> , 2016 , 6, 5223-5232	3.7	94
94	Nitrogen-containing amino compounds functionalized graphene oxide: Synthesis, characterization and application for the removal of pollutants from wastewater: A review. <i>Journal of Hazardous Materials</i> , 2018 , 342, 177-191	12.8	93
93	Comprehensive Adsorption Studies of Doxycycline and Ciprofloxacin Antibiotics by Biochars Prepared at Different Temperatures. <i>Frontiers in Chemistry</i> , 2018 , 6, 80	5	92
92	Potential Benefits of Biochar in Agricultural Soils: A Review. <i>Pedosphere</i> , 2017 , 27, 645-661	5	92
91	Activated magnetic biochar by one-step synthesis: Enhanced adsorption and coadsorption for 17 β -estradiol and copper. <i>Science of the Total Environment</i> , 2018 , 639, 1530-1542	10.2	92
90	Performance of magnetic graphene oxide/diethylenetriaminepentaacetic acid nanocomposite for the tetracycline and ciprofloxacin adsorption in single and binary systems. <i>Journal of Colloid and Interface Science</i> , 2018 , 521, 150-159	9.3	88
89	Spatial distribution, health risk assessment and statistical source identification of the trace elements in surface water from the Xiangjiang River, China. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 9400-12	5.1	87
88	Degradation of sulfamethazine by biochar-supported bimetallic oxide/persulfate system in natural water: Performance and reaction mechanism. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122816	12.8	86
87	Adsorption of emerging contaminant metformin using graphene oxide. <i>Chemosphere</i> , 2017 , 179, 20-28	8.4	85

86	Insights into catalytic removal and separation of attached metals from natural-aged microplastics by magnetic biochar activating oxidation process. <i>Water Research</i> , 2020 , 179, 115876	12.5	85
85	The effect of several activated biochars on Cd immobilization and microbial community composition during in-situ remediation of heavy metal contaminated sediment. <i>Chemosphere</i> , 2018 , 208, 655-664	8.4	78
84	One-pot synthesis of carbon supported calcined-Mg/Al layered double hydroxides for antibiotic removal by slow pyrolysis of biomass waste. <i>Scientific Reports</i> , 2016 , 6, 39691	4.9	66
83	Production of biochars from Ca impregnated ramie biomass (<i>Boehmeria nivea</i> (L.) Gaud.) and their phosphate removal potential. <i>RSC Advances</i> , 2016 , 6, 5871-5880	3.7	65
82	Utilization of biochar for resource recovery from water: A review. <i>Chemical Engineering Journal</i> , 2020 , 397, 125502	14.7	63
81	Biochar pyrolyzed from MgAl-layered double hydroxides pre-coated ramie biomass (<i>Boehmeria nivea</i> (L.) Gaud.): Characterization and application for crystal violet removal. <i>Journal of Environmental Management</i> , 2016 , 184, 85-93	7.9	63
80	Adsorption of Cu(II), Pb(II), and Cd(II) Ions from Acidic Aqueous Solutions by Diethylenetriaminepentaacetic Acid-Modified Magnetic Graphene Oxide. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 407-416	2.8	62
79	Enhanced adsorption of methylene blue by citric acid modification of biochar derived from water hyacinth (<i>Eichornia crassipes</i>). <i>Environmental Science and Pollution Research</i> , 2016 , 23, 23606-23618	5.1	61
78	Application of silver phosphate-based photocatalysts: Barriers and solutions. <i>Chemical Engineering Journal</i> , 2019 , 366, 339-357	14.7	61
77	Mechanism of Cr(VI) reduction by <i>Aspergillus niger</i> : enzymatic characteristic, oxidative stress response, and reduction product. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 6271-9	5.1	58
76	Effects of background electrolytes and ionic strength on enrichment of Cd(II) ions with magnetic graphene oxide-supported sulfanilic acid. <i>Journal of Colloid and Interface Science</i> , 2014 , 435, 138-44	9.3	58
75	Immobilization of Cd(II) in acid soil amended with different biochars with a long term of incubation. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 12597-604	5.1	57
74	Adsorption behavior of Cr(VI) from aqueous solution onto magnetic graphene oxide functionalized with 1,2-diaminocyclohexanetetraacetic acid. <i>RSC Advances</i> , 2015 , 5, 45384-45392	3.7	53
73	Ternary assembly of g-CN/graphene oxide sheets /BiFeO heterojunction with enhanced photoreduction of Cr(VI) under visible-light irradiation. <i>Chemosphere</i> , 2019 , 216, 733-741	8.4	52
72	Magnetic nanoferromanganese oxides modified biochar derived from pine sawdust for adsorption of tetracycline hydrochloride. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 5892-5903	5.1	49
71	Titanium dioxide-coated biochar composites as adsorptive and photocatalytic degradation materials for the removal of aqueous organic pollutants. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 783-791	3.5	47
70	The use of microbial-earthworm ecofilters for wastewater treatment with special attention to influencing factors in performance: A review. <i>Bioresource Technology</i> , 2016 , 200, 999-1007	11	42
69	A novel graphene oxide coated biochar composite: synthesis, characterization and application for Cr(VI) removal. <i>RSC Advances</i> , 2016 , 6, 85202-85212	3.7	41

68	Effects of exogenous calcium and spermidine on cadmium stress moderation and metal accumulation in <i>Boehmeria nivea</i> (L.) Gaudich. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 8699-708	5.1	41
67	Effect of exogenous nitric oxide on antioxidative system and S-nitrosylation in leaves of <i>Boehmeria nivea</i> (L.) Gaud under cadmium stress. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 3489-97	5.1	41
66	Growth inhibition and oxidative damage of <i>Microcystis aeruginosa</i> induced by crude extract of <i>Sagittaria trifolia</i> tubers. <i>Journal of Environmental Sciences</i> , 2016 , 43, 40-47	6.4	38
65	Mechanism analysis of heavy metal lead captured by natural-aged microplastics. <i>Chemosphere</i> , 2021 , 270, 128624	8.4	38
64	Activation of persulfate by graphitized biochar for sulfamethoxazole removal: The roles of graphitic carbon structure and carbonyl group. <i>Journal of Colloid and Interface Science</i> , 2020 , 577, 419-430	8.3	37
63	Allelopathic effect of the rice straw aqueous extract on the growth of <i>Microcystis aeruginosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 148, 953-959	7	37
62	Cadmium accumulation and tolerance of <i>Macleaya cordata</i> : a newly potential plant for sustainable phytoremediation in Cd-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 10189-99	5.1	37
61	Adsorption of 17 β -estradiol by a novel attapulgite/biochar nanocomposite : Characteristics and influencing factors. <i>Chemical Engineering Research and Design</i> , 2019 , 121, 155-164	5.5	37
60	Adsorption of 17 β -estradiol from aqueous solution by raw and direct/pre/post-KOH treated lotus seedpod biochar. <i>Journal of Environmental Sciences</i> , 2020 , 87, 10-23	6.4	36
59	Fast adsorption of Cd ²⁺ and Pb ²⁺ by EGTA dianhydride (EGTAD) modified ramie fiber. <i>Journal of Colloid and Interface Science</i> , 2014 , 434, 152-8	9.3	35
58	Immobilization of aqueous and sediment-sorbed ciprofloxacin by stabilized Fe-Mn binary oxide nanoparticles: Influencing factors and reaction mechanisms. <i>Chemical Engineering Journal</i> , 2017 , 314, 612-621	14.7	32
57	Adsorption of estrogen contaminants (17 β -estradiol and 17 β -ethynylestradiol) by graphene nanosheets from water: Effects of graphene characteristics and solution chemistry. <i>Chemical Engineering Journal</i> , 2018 , 339, 296-302	14.7	31
56	Functionalized Biochar/Clay Composites for Reducing the Bioavailable Fraction of Arsenic and Cadmium in River Sediment. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 2337-2347	3.8	31
55	Rice waste biochars produced at different pyrolysis temperatures for arsenic and cadmium abatement and detoxification in sediment. <i>Chemosphere</i> , 2020 , 250, 126268	8.4	28
54	Recent progress in conjugated microporous polymers for clean energy: Synthesis, modification, computer simulations, and applications. <i>Progress in Polymer Science</i> , 2021 , 115, 101374	29.6	28
53	Influence of surfactants on anaerobic digestion of waste activated sludge: acid and methane production and pollution removal. <i>Critical Reviews in Biotechnology</i> , 2019 , 39, 746-757	9.4	27
52	Comparative study of rice husk biochars for aqueous antibiotics removal. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 1075-1084	3.5	27
51	Microwave-assisted chemical modification method for surface regulation of biochar and its application for estrogen removal. <i>Chemical Engineering Research and Design</i> , 2019 , 128, 329-341	5.5	27

50	Efficient Removal of Tetracycline from Aqueous Media with a Fe ₃ O ₄ @graphene Nanoparticles/graphene Oxide Nanosheets Assembly. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	27
49	Effects of inorganic electrolyte anions on enrichment of Cu(II) ions with aminated Fe ₃ O ₄ /graphene oxide: Cu(II) speciation prediction and surface charge measurement. <i>Chemosphere</i> , 2015 , 127, 35-41	8.4	27
48	Removal of 17 β -estradiol from aqueous solution by graphene oxide supported activated magnetic biochar: Adsorption behavior and mechanism. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 102, 330-339	5.3	26
47	Appraising the effect of in-situ remediation of heavy metal contaminated sediment by biochar and activated carbon on Cu immobilization and microbial community. <i>Ecological Engineering</i> , 2019 , 127, 519-526	3.0	26
46	Application of biochar for the remediation of polluted sediments. <i>Journal of Hazardous Materials</i> , 2021 , 404, 124052	12.8	26
45	Synthesis a graphene-like magnetic biochar by potassium ferrate for 17 β -estradiol removal: Effects of ALO nanoparticles and microplastics. <i>Science of the Total Environment</i> , 2020 , 715, 136723	10.2	24
44	Adsorption Removal of 17 β -Estradiol from Water by Rice Straw-Derived Biochar with Special Attention to Pyrolysis Temperature and Background Chemistry. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	24
43	Synthesis of graphene oxide decorated with core@double-shell nanoparticles and application for Cr(VI) removal. <i>RSC Advances</i> , 2015 , 5, 106339-106349	3.7	24
42	Enhanced adsorption of hexavalent chromium by a biochar derived from ramie biomass (<i>Boehmeria nivea</i> (L.) Gaud.) modified with β -cyclodextrin/poly(L-glutamic acid). <i>Environmental Science and Pollution Research</i> , 2017 , 24, 23528-23537	5.1	21
41	Influence of immobilization on phenanthrene degradation by <i>Bacillus</i> sp. P1 in the presence of Cd(II). <i>Science of the Total Environment</i> , 2019 , 655, 1279-1287	10.2	21
40	Activation of persulfate by nanoscale zero-valent iron loaded porous graphitized biochar for the removal of 17 β -estradiol: Synthesis, performance and mechanism. <i>Journal of Colloid and Interface Science</i> , 2021 , 588, 776-786	9.3	20
39	Adsorption of hexavalent chromium by polyacrylonitrile (PAN)-based activated carbon fibers from aqueous solution. <i>RSC Advances</i> , 2015 , 5, 25389-25397	3.7	19
38	Potential hazards of biochar: The negative environmental impacts of biochar applications. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126611	12.8	19
37	Hydrothermal synthesis of montmorillonite/hydrochar nanocomposites and application for 17 β -estradiol and 17 β -ethynylestradiol removal. <i>RSC Advances</i> , 2018 , 8, 4273-4283	3.7	18
36	Effects of heteroaggregation with metal oxides and clays on tetracycline adsorption by graphene oxide. <i>Science of the Total Environment</i> , 2020 , 719, 137283	10.2	16
35	Removal of metformin hydrochloride by <i>Alternanthera philoxeroides</i> biomass derived porous carbon materials treated with hydrogen peroxide. <i>RSC Advances</i> , 2016 , 6, 79275-79284	3.7	16
34	Three-dimensional microspheric g-CN coupled by biochar: facile sodium alginate immobilization and excellent photocatalytic Cr(IV) reduction.. <i>RSC Advances</i> , 2020 , 10, 6121-6128	3.7	15
33	Design and Preparation of Chitosan-Crosslinked Bismuth Ferrite/Biochar Coupled Magnetic Material for Methylene Blue Removal. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 17,	4.6	15

32	Catalytic degradation of sulfamethoxazole by persulfate activated with magnetic graphitized biochar: Multiple mechanisms and variables effects. <i>Chemical Engineering Research and Design</i> , 2020 , 144, 143-157	5.5	15
31	Facile synthesis of MnOx-loaded biochar for the removal of doxycycline hydrochloride: effects of ambient conditions and co-existing heavy metals. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 94, 2187	3.5	14
30	Enhancement of Detoxification of Petroleum Hydrocarbons and Heavy Metals in Oil-Contaminated Soil by Using Glycine- β -Cyclodextrin. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	13
29	Tartaric acid modified Pleurotus ostreatus for enhanced removal of Cr(VI) ions from aqueous solution: characteristics and mechanisms. <i>RSC Advances</i> , 2015 , 5, 24009-24015	3.7	11
28	Removal of Chromium (VI) from Aqueous Solution Using Mycelial Pellets of Penicillium simplicissimum Impregnated with Powdered Biochar. <i>Bioremediation Journal</i> , 2015 , 19, 259-268	2.3	11
27	Mitigation mechanism of Cd-contaminated soils by different levels of exogenous low-molecular-weight organic acids and Phytolacca americana. <i>RSC Advances</i> , 2015 , 5, 45502-45509	3.7	11
26	Refined regulation and nitrogen doping of biochar derived from ramie fiber by deep eutectic solvents (DESs) for catalytic persulfate activation toward non-radical organics degradation and disinfection. <i>Journal of Colloid and Interface Science</i> , 2021 , 601, 544-555	9.3	11
25	Synergy of Photocatalysis and Adsorption for Simultaneous Removal of Hexavalent Chromium and Methylene Blue by g-CN/BiFeO/Carbon Nanotubes Ternary Composites. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	10
24	Simultaneous remediation of methylene blue and Cr(VI) by mesoporous BiVO ₄ photocatalyst under visible-light illumination. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020 , 112, 357-365	5.3	10
23	Biochar amendment to lead-contaminated soil: Effects on fluorescein diacetate hydrolytic activity and phytotoxicity to rice. <i>Environmental Toxicology and Chemistry</i> , 2015 , 34, 1962-8	3.8	9
22	Application of layered double hydroxide-biochar composites in wastewater treatment: Recent trends, modification strategies, and outlook. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126569	12.8	9
21	Biochar synthesized via pyrolysis of Broussonetia papyrifera leaves: mechanisms and potential applications for phosphate removal. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 6565-6575	5.1	8
20	Coupling of kenaf Biochar and Magnetic BiFeO onto Cross-linked Chitosan for Enhancing Separation Performance and Cr(VI) Ions Removal Efficiency. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
19	Lignocellulosic biomass carbonization for biochar production and characterization of biochar reactivity. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 157, 112056	16.2	7
18	The effects of P. aeruginosa ATCC 9027 and NTA on phytoextraction of Cd by ramie (Boehmeria nivea (L.) Gaud). <i>RSC Advances</i> , 2015 , 5, 67509-67517	3.7	6
17	Efficient Removal 17-Estradiol by Graphene-Like Magnetic Sawdust Biochar: Preparation Condition and Adsorption Mechanism. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
16	Fabrication of Stabilized Fe/Mn Binary Oxide Nanoparticles: Effective Adsorption of 17 β -Estradiol and Influencing Factors. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	6
15	The approaches and prospects for natural organic matter-derived disinfection byproducts control by carbon-based materials in water disinfection progresses. <i>Journal of Cleaner Production</i> , 2021 , 311, 127799	10.3	6

14	Synthesis of Porous Biochar Containing Graphitic Carbon Derived From Lignin Content of Forestry Biomass and Its Application for the Removal of Diclofenac Sodium From Aqueous Solution. <i>Frontiers in Chemistry</i> , 2020 , 8, 274	5	4
13	Biochar in the 21st century: A data-driven visualization of collaboration, frontier identification, and future trend. <i>Science of the Total Environment</i> , 2021 , 151774	10.2	4
12	PPAR- γ Improves the recovery of lung function following acute respiratory distress syndrome by suppressing the level of TGF- β 1. <i>Molecular Medicine Reports</i> , 2017 , 16, 49-56	2.9	3
11	Time-dependent antioxidative responses of ramie (<i>Boehmeria nivea</i> (L.) Gaudich) to moderate cadmium stress and its up-regulation mechanism by spermidine antioxidant. <i>RSC Advances</i> , 2015 , 5, 76141-76149	2.7	3
10	Speciation and release risk of heavy metals bonded on simulated naturally-aged microplastics prepared from artificially broken macroplastics.. <i>Environmental Pollution</i> , 2021 , 295, 118695	9.3	3
9	Recent advances in applications of nonradical oxidation in water treatment: Mechanisms, catalysts and environmental effects. <i>Journal of Cleaner Production</i> , 2021 , 321, 128781	10.3	3
8	Maintaining eco-health of urban waterscapes with imbedded integrating ecological entity: Experimental approach. <i>Journal of Central South University</i> , 2016 , 23, 2827-2837	2.1	2
7	Construction of BiWO ₄ /CoAl-LDHs S-scheme heterojunction with efficient photo-Fenton-like catalytic performance: Experimental and theoretical studies. <i>Chemosphere</i> , 2021 , 291, 133001	8.4	1
6	Biochar-based agricultural soil management: An application-dependent strategy for contributing to carbon neutrality. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 164, 112529	16.2	1
5	Remediation of Pb-contaminated port sediment by biosurfactant from <i>Bacillus</i> sp. G1. <i>Transactions of Nonferrous Metals Society of China</i> , 2017 , 27, 1385-1393	3.3	0
4	Remediation of As and Cd contaminated sediment by biochars: Accompanied with the change of microbial community. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 106912	6.8	0
3	Effects of biochar-based materials on the bioavailability of soil organic pollutants and their biological impacts.. <i>Science of the Total Environment</i> , 2022 , 826, 153956	10.2	0
2	The effects of biochar on antibiotic resistance genes (ARGs) removal during different environmental governance processes: A review. <i>Journal of Hazardous Materials</i> , 2022 , 435, 129067	12.8	0
1	Insight into disinfection byproduct formation potential of aged biochar and its effects during chlorination. <i>Journal of Environmental Management</i> , 2022 , 317, 115437	7.9	0