

Xiaofei Tan

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

13,953
citations

20759

60
h-index

20900

115
g-index

126
all docs

126
docs citations

126
times ranked

11849
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of Bi ₂ WO ₆ /CoAl-LDHs S-scheme heterojunction with efficient photo-Fenton-like catalytic performance: Experimental and theoretical studies. <i>Chemosphere</i> , 2022, 291, 133001.	4.2	30
2	Biochar in the 21st century: A data-driven visualization of collaboration, frontier identification, and future trend. <i>Science of the Total Environment</i> , 2022, 818, 151774.	3.9	60
3	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.	3.3	12
4	Speciation and release risk of heavy metals bonded on simulated naturally-aged microplastics prepared from artificially broken macroplastics. <i>Environmental Pollution</i> , 2022, 295, 118695.	3.7	13
5	Lignocellulosic biomass carbonization for biochar production and characterization of biochar reactivity. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 157, 112056.	8.2	71
6	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.	3.9	25
7	Application of Invasive Plants as Biochar Precursors in the Field of Environment and Energy Storage. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	4
8	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.	6.5	67
9	Biochar-based agricultural soil management: An application-dependent strategy for contributing to carbon neutrality. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 164, 112529.	8.2	39
10	Insight into disinfection byproduct formation potential of aged biochar and its effects during chlorination. <i>Journal of Environmental Management</i> , 2022, 317, 115437.	3.8	5
11	Alfalfa biochar supported Mg-Fe layered double hydroxide as filter media to remove trace metal(loid)s from stormwater. <i>Science of the Total Environment</i> , 2022, 844, 156835.	3.9	13
12	The effects of biochar and its applications in the microbial remediation of contaminated soil: A review. <i>Journal of Hazardous Materials</i> , 2022, 438, 129557.	6.5	66
13	Phytoremediation plants (ramie) and steel smelting wastes for calcium silicate coated-nZVI/biochar production: Environmental risk assessment and efficient As(V) removal mechanisms. <i>Science of the Total Environment</i> , 2022, 844, 156924.	3.9	12
14	Application of biochar for the remediation of polluted sediments. <i>Journal of Hazardous Materials</i> , 2021, 404, 124052.	6.5	67
15	Mechanism analysis of heavy metal lead captured by natural-aged microplastics. <i>Chemosphere</i> , 2021, 270, 128624.	4.2	125
16	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.	5.0	45
17	Recent progress in conjugated microporous polymers for clean energy: Synthesis, modification, computer simulations, and applications. <i>Progress in Polymer Science</i> , 2021, 115, 101374.	11.8	117
18	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.	4.6	26

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19	Recent advances in applications of nonradical oxidation in water treatment: Mechanisms, catalysts and environmental effects. <i>Journal of Cleaner Production</i> , 2021, 321, 128781.	4.6	29
20	Potential hazards of biochar: The negative environmental impacts of biochar applications. <i>Journal of Hazardous Materials</i> , 2021, 420, 126611.	6.5	118
21	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.	6.5	80
22	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.	5.0	48
23	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.	3.2	69
24	Mechanisms underlying the photocatalytic degradation pathway of ciprofloxacin with heterogeneous TiO ₂ . <i>Chemical Engineering Journal</i> , 2020, 380, 122366.	6.6	258
25	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> , 2020, 17, 6.	1.2	46
26	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, 8377.	1.2	16
27	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.	2.7	29
28	Utilization of biochar for resource recovery from water: A review. <i>Chemical Engineering Journal</i> , 2020, 397, 125502.	6.6	135
29	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.	5.0	94
30	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.	2.7	17
31	Coupling of kenaf Biochar and Magnetic BiFeO ₃ 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, 788.	1.2	15
32	Three-dimensional microspheric g-C ₃ N ₄ coupled by <i>Broussonetia papyrifera</i> biochar: facile sodium alginate immobilization and excellent photocatalytic Cr(IV) reduction. <i>RSC Advances</i> , 2020, 10, 6121-6128.	1.7	21
33	Rice waste biochars produced at different pyrolysis temperatures for arsenic and cadmium abatement and detoxification in sediment. <i>Chemosphere</i> , 2020, 250, 126268.	4.2	56
34	Nitrogen-doped biochar fiber with graphitization from <i>Boehmeria nivea</i> for promoted peroxymonosulfate activation and non-radical degradation pathways with enhancing electron transfer. <i>Applied Catalysis B: Environmental</i> , 2020, 269, 118850.	10.8	449
35	Effects of heteroaggregation with metal oxides and clays on tetracycline adsorption by graphene oxide. <i>Science of the Total Environment</i> , 2020, 719, 137283.	3.9	30
36	Synthesis a graphene-like magnetic biochar by potassium ferrate for 17 β -estradiol removal: Effects of Al ₂ O ₃ nanoparticles and microplastics. <i>Science of the Total Environment</i> , 2020, 715, 136723.	3.9	46

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37	Biomass-derived porous graphitic carbon materials for energy and environmental applications. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5773-5811.	5.2	234
38	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.	1.8	15
39	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.	5.3	140
40	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.	6.5	133
41	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.	2.7	42
42	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.	2.2	48
43	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.	2.7	42
44	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.	6.6	158
45	Synergy of Photocatalysis and Adsorption for Simultaneous Removal of Hexavalent Chromium and Methylene Blue by g-C ₃ N ₄ /BiFeO ₃ /Carbon Nanotubes Ternary Composites. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3219.	1.2	22
46	Adsorption behavior of engineered carbons and carbon nanomaterials for metal endocrine disruptors: Experiments and theoretical calculation. <i>Chemosphere</i> , 2019, 222, 184-194.	4.2	157
47	Biochar for environmental management: Mitigating greenhouse gas emissions, contaminant treatment, and potential negative impacts. <i>Chemical Engineering Journal</i> , 2019, 373, 902-922.	6.6	256
48	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, 1155.	1.2	18
49	Facile synthesis of MnO ₂ -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, 2187-2197.	1.6	41
50	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.	10.8	516
51	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.	5.1	47
52	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.	9.5	187
53	Application of silver phosphate-based photocatalysts: Barriers and solutions. <i>Chemical Engineering Journal</i> , 2019, 366, 339-357.	6.6	96
54	Magnetic nanoferrromanganese oxides modified biochar derived from pine sawdust for adsorption of tetracycline hydrochloride. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5892-5903.	2.7	86

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55	Biochar synthesized via pyrolysis of <i>Broussonetia papyrifera</i> leaves: mechanisms and potential applications for phosphate removal. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6565-6575.	2.7	17
56	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.	3.9	31
57	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.	2.7	54
58	Ternary assembly of g-C ₃ N ₄ /graphene oxide sheets /BiFeO ₃ heterojunction with enhanced photoreduction of Cr(VI) under visible-light irradiation. <i>Chemosphere</i> , 2019, 216, 733-741.	4.2	73
59	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.	1.6	37
60	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.	5.0	127
61	Hydrothermal synthesis of montmorillonite/hydrochar nanocomposites and application for 17 β -estradiol and 17 α -ethynylestradiol removal. <i>RSC Advances</i> , 2018, 8, 4273-4283.	1.7	33
62	Adsorption of estrogen contaminants (17 β -estradiol and 17 α -ethynylestradiol) by graphene nanosheets from water: Effects of graphene characteristics and solution chemistry. <i>Chemical Engineering Journal</i> , 2018, 339, 296-302.	6.6	42
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.	2.9	58
64	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.	6.5	131
65	Comparative study of rice husk biochars for aqueous antibiotics removal. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1075-1084.	1.6	41
66	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.	1.6	73
67	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, 2218.	1.2	12
68	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.	3.9	142
69	Comprehensive Adsorption Studies of Doxycycline and Ciprofloxacin Antibiotics by Biochars Prepared at Different Temperatures. <i>Frontiers in Chemistry</i> , 2018, 6, 80.	1.8	143
70	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.	4.2	113
71	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.	6.6	38
72	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.	4.6	151

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73	PPAR- α 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.	1.1	4
74	Adsorption of emerging contaminant metformin using graphene oxide. <i>Chemosphere</i> , 2017, 179, 20-28.	4.2	129
75	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.	3.9	154
76	Cu(II)-influenced adsorption of ciprofloxacin from aqueous solutions by magnetic graphene oxide/nitrilotriacetic acid nanocomposite: Competition and enhancement mechanisms. <i>Chemical Engineering Journal</i> , 2017, 319, 219-228.	6.6	157
77	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.	4.8	487
78	Sorption performance and mechanisms of arsenic(V) removal by magnetic gelatin-modified biochar. <i>Chemical Engineering Journal</i> , 2017, 314, 223-231.	6.6	278
79	Enhanced adsorption of hexavalent chromium by a biochar derived from ramie biomass (<i>Boehmeria</i>) Tj ETQq1 1 0.784314 rgBT /Overl Pollution Research, 2017, 24, 23528-23537.	2.7	30
80	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.	5.0	342
81	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.	1.7	1
82	Potential Benefits of Biochar in Agricultural Soils: A Review. <i>Pedosphere</i> , 2017, 27, 645-661.	2.1	137
83	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.	1.0	82
84	Tetracycline adsorbed onto nitrilotriacetic acid-functionalized magnetic graphene oxide: Influencing factors and uptake mechanism. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 269-279.	5.0	138
85	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.	4.8	388
86	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, 1213.	1.2	40
87	Efficient Removal of Tetracycline from Aqueous Media with a Fe ₃ O ₄ Nanoparticles@graphene Oxide Nanosheets Assembly. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1495.	1.2	41
88	Investigation of the adsorption-reduction mechanisms of hexavalent chromium by ramie biochars of different pyrolytic temperatures. <i>Bioresource Technology</i> , 2016, 218, 351-359.	4.8	286
89	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.	1.6	107
90	Maintaining eco-health of urban waterscapes with imbedded integrating ecological entity: Experimental approach. <i>Journal of Central South University</i> , 2016, 23, 2827-2837.	1.2	2

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91	Biochar-based nano-composites for the decontamination of wastewater: A review. <i>Bioresource Technology</i> , 2016, 212, 318-333.	4.8	654
92	Biochar pyrolyzed from MgAl-layered double hydroxides pre-coated ramie biomass (<i>Boehmeria nivea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Management, 2016, 184, 85-93.	3.8	98
93	A novel graphene oxide coated biochar composite: synthesis, characterization and application for Cr(<i>vi</i>) removal. <i>RSC Advances</i> , 2016, 6, 85202-85212.	1.7	57
94	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.	1.7	141
95	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.	1.7	30
96	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.	2.7	89
97	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, 10189-10199.	2.7	48
98	Biochar to improve soil fertility. A review. <i>Agronomy for Sustainable Development</i> , 2016, 36, 1.	2.2	633
99	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, 8699-8708.	2.7	54
100	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.	3.2	49
101	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.	1.7	82
102	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.	4.8	58
103	Competitive removal of Cd(<i>ii</i>) and Pb(<i>ii</i>) by biochars produced from water hyacinths: performance and mechanism. <i>RSC Advances</i> , 2016, 6, 5223-5232.	1.7	124
104	Effective removal of Cr(<i>vi</i>) using β -cyclodextrin α -chitosan modified biochars with adsorption/reduction bifunctional roles. <i>RSC Advances</i> , 2016, 6, 94-104.	1.7	221
105	Removal of 17β -estradiol by few-layered graphene oxide nanosheets from aqueous solutions: External influence and adsorption mechanism. <i>Chemical Engineering Journal</i> , 2016, 284, 93-102.	6.6	258
106	Biochar amendment to lead-contaminated soil: Effects on fluorescein diacetate hydrolytic activity and phytotoxicity to rice. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1962-1968.	2.2	12
107	Adsorption of hexavalent chromium by polyacrylonitrile (PAN)-based activated carbon fibers from aqueous solution. <i>RSC Advances</i> , 2015, 5, 25389-25397.	1.7	22
108	Mitigation mechanism of Cd-contaminated soils by different levels of exogenous low-molecular-weight organic acids and <i>Phytolacca americana</i> . <i>RSC Advances</i> , 2015, 5, 45502-45509.	1.7	16

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109	Chitosan modification of magnetic biochar produced from <i>Eichhornia crassipes</i> for enhanced sorption of Cr(VI) from aqueous solution. <i>RSC Advances</i> , 2015, 5, 46955-46964.	1.7	182
110	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.	1.7	63
111	Synthesis of graphene oxide decorated with core@double-shell nanoparticles and application for Cr(VI) removal. <i>RSC Advances</i> , 2015, 5, 106339-106349.	1.7	29
112	Efficiency and mechanisms of Cd removal from aqueous solution by biochar derived from water hyacinth (<i>Eichhornia crassipes</i>). <i>Journal of Environmental Management</i> , 2015, 153, 68-73.	3.8	258
113	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.	4.2	31
114	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, 3489-3497.	2.7	55
115	Application of biochar for the removal of pollutants from aqueous solutions. <i>Chemosphere</i> , 2015, 125, 70-85.	4.2	1,324
116	Tartaric acid modified <i>Pleurotus ostreatus</i> for enhanced removal of Cr(VI) ions from aqueous solution: characteristics and mechanisms. <i>RSC Advances</i> , 2015, 5, 24009-24015.	1.7	13
117	The effects of <i>P. aeruginosa</i> ATCC 9027 and NTA on phytoextraction of Cd by ramie (<i>Boehmeria nivea</i> (L.) Tj ETQq _{1,1} 0.7843 ₁₄ rgBT ₆)	1.7	14
118	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, 12597-12604.	2.7	67
119	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, 6271-6279.	2.7	83
120	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, 9400-9412.	2.7	127
121	Effect of porous zinc-biochar nanocomposites on Cr(VI) adsorption from aqueous solution. <i>RSC Advances</i> , 2015, 5, 35107-35115.	1.7	223
122	Removal of Chromium (VI) from Aqueous Solution Using Mycelial Pellets of <i>Penicillium simplicissimum</i> Impregnated with Powdered Biochar. <i>Bioremediation Journal</i> , 2015, 19, 259-268.	1.0	13
123	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.	1.7	4
124	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, 152-158.	5.0	43
125	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, 138-144.	5.0	76