

Xing Xu

List of Publications by Year in descending order

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120
papers

8,613
citations

44069

48
h-index

46799

89
g-index

120
all docs

120
docs citations

120
times ranked

5533
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon-based single atom catalyst: Synthesis, characterization, DFT calculations. Chinese Chemical Letters, 2022, 33, 663-673.	9.0	126
2	A 3D MIL-101@rGO composite as catalyst for efficient conversion of straw cellulose into valuable organic acid. Chinese Chemical Letters, 2022, 33, 2573-2578.	9.0	19
3	Insights into selective adsorption mechanism of copper and zinc ions onto biogas residue-based adsorbent: Theoretical calculation and electronegativity difference. Science of the Total Environment, 2022, 805, 150413.	8.0	30
4	Enhanced removal of phosphate using pomegranate peel-modified nickel-lanthanum hydroxide. Science of the Total Environment, 2022, 809, 151181.	8.0	15
5	A new UV source activates ozone for water treatment: Wavelength-dependent ultraviolet light-emitting diode (UV-LED). Separation and Purification Technology, 2022, 280, 119934.	7.9	11
6	Rational design to manganese and oxygen co-doped polymeric carbon nitride for efficient nonradical activation of peroxymonosulfate and the mechanism insight. Chemical Engineering Journal, 2022, 430, 132751.	12.7	70
7	The enhanced catalytic degradation of sulfamethoxazole over Fe@nitrogen-doped carbon-supported nanocomposite: Insight into the mechanism. Chemical Engineering Journal, 2022, 439, 135784.	12.7	53
8	Boosting fenton-like reaction by reconstructed single Fe atom catalyst for oxidizing organics: Synergistic effect of conjugated π - π sp ² structured carbon and isolated Fe-N ₄ sites. Chemical Engineering Journal, 2022, 446, 137120.	12.7	45
9	Unveiling the Origins of Selective Oxidation in Single-Atom Catalysis via Coordinated C Intensified Radical and Nonradical Pathways. Environmental Science & Technology, 2022, 56, 11635-11645.	10.0	159
10	Peroxymonosulfate activation on a chainmail catalyst via an electron shuttle mechanism for efficient organic pollutant removal. Applied Catalysis B: Environmental, 2022, 316, 121695.	20.2	33
11	Magnetic field-enhanced radical intensity for accelerating norfloxacin degradation under FeCu/rGO photo-Fenton catalysis. Chemical Engineering Journal, 2021, 420, 127634.	12.7	22
12	Co ₃ O ₄ anchored in N, S heteroatom co-doped porous carbons for degradation of organic contaminant: role of pyridinic N-Co binding and high tolerance of chloride. Applied Catalysis B: Environmental, 2021, 282, 119484.	20.2	305
13	Degradation of organic pollutants by ultraviolet/ozone in high salinity condition: Non-radical pathway dominated by singlet oxygen. Chemosphere, 2021, 268, 128796.	8.2	32
14	Ibuprofen degradation using a Co-doped carbon matrix derived from peat as a peroxymonosulphate activator. Environmental Research, 2021, 193, 110564.	7.5	39
15	Enhanced photodegradation of sulfadimidine via PAA/g-C ₃ N ₄ -FeO polymeric catalysts under visible light. Chemical Engineering Journal, 2021, 413, 127456.	12.7	20
16	A tunable amphiphilic Enteromorpha-modified graphene aerogel for oil/water separation. Science of the Total Environment, 2021, 763, 142958.	8.0	47
17	Flocculation behaviors of a novel papermaking sludge-based flocculant in practical printing and dyeing wastewater treatment. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	6.0	17
18	Single-atom catalysis in advanced oxidation processes for environmental remediation. Chemical Society Reviews, 2021, 50, 5281-5322.	38.1	502

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19	Improving peroxymonosulfate activation by copper ion-saturated adsorbent-based single atom catalysts for the degradation of organic contaminants: electron-transfer mechanism and the key role of Cu single atoms. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11604-11613.	10.3	85
20	Preferential capture of phosphate by an <i>Enteromorpha prolifera</i> -based biopolymer encapsulating hydrous zirconium oxide nanoparticles. <i>Environmental Science and Pollution Research</i> , 2021, 28, 34584-34597.	5.3	1
21	Highly efficient removal of phosphate from aqueous media by pomegranate peel co-doping with ferric chloride and lanthanum hydroxide nanoparticles. <i>Journal of Cleaner Production</i> , 2021, 292, 125311.	9.3	25
22	Novel lignin-based single atom catalysts as peroxymonosulfate activator for pollutants degradation: Role of single cobalt and electron transfer pathway. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119910.	20.2	209
23	Engineered carbon supported single iron atom sites and iron clusters from Fe-rich <i>Enteromorpha</i> for Fenton-like reactions via nonradical pathways. <i>Applied Catalysis B: Environmental</i> , 2021, 287, 119963.	20.2	271
24	Application of sectionalized single-step reaction approach (SSRA) and distributed activation energy model (DAEM) on the pyrolysis kinetics model of upstream oily sludge: Construction procedure and data reproducibility comparison. <i>Science of the Total Environment</i> , 2021, 774, 145751.	8.0	11
25	Effective removal of hexavalent chromium from aqueous solution by ZnCl ₂ modified biochar: Effects and response sequence of the functional groups. <i>Journal of Molecular Liquids</i> , 2021, 334, 116149.	4.9	41
26	Fabrication of graphitic carbon nitride functionalized CoFe ₂ O ₄ for the removal of tetracycline under visible light: Optimization, degradation pathways and mechanism evaluation. <i>Chemosphere</i> , 2021, 274, 129783.	8.2	38
27	Recycling exhausted magnetic biochar with adsorbed Cu ²⁺ as a cost-effective permonosulfate activator for norfloxacin degradation: Cu contribution and mechanism. <i>Journal of Hazardous Materials</i> , 2021, 413, 125413.	12.4	87
28	The application of UV/O ₃ process on ciprofloxacin wastewater containing high salinity: Performance and its degradation mechanism. <i>Chemosphere</i> , 2021, 276, 130220.	8.2	42
29	Effect of phosphate on peroxymonosulfate activation: Accelerating generation of sulfate radical and underlying mechanism. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120532.	20.2	172
30	Activation of peroxymonosulfate via mediated electron transfer mechanism on single-atom Fe catalyst for effective organic pollutants removal. <i>Applied Catalysis B: Environmental</i> , 2021, 299, 120714.	20.2	173
31	One-step synthesis of core-shell structure iron-carbon nanocomposite as a persulfate activator for bisphenol A degradation. <i>Chemical Engineering Journal</i> , 2020, 382, 122780.	12.7	77
32	Enhanced As(V) removal from aqueous solutions by recyclable Cu@MNM composite membranes via synergistic oxidation and absorption. <i>Water Research</i> , 2020, 168, 115147.	11.3	53
33	Sulfate saturated biosorbent-derived Co-S@NC nanoarchitecture as an efficient catalyst for peroxymonosulfate activation. <i>Applied Catalysis B: Environmental</i> , 2020, 262, 118302.	20.2	289
34	Modified biogas residues as an eco-friendly and easily-recoverable biosorbent for nitrate and phosphate removals from surface water. <i>Journal of Hazardous Materials</i> , 2020, 382, 121073.	12.4	56
35	Co-monomer polymer anion exchange resin for removing Cr(VI) contaminants: Adsorption kinetics, mechanism and performance. <i>Science of the Total Environment</i> , 2020, 709, 136002.	8.0	56
36	Highly-efficient degradation of triclosan attributed to peroxymonosulfate activation by heterogeneous catalyst g-C ₃ N ₄ /MnFe ₂ O ₄ . <i>Chemical Engineering Journal</i> , 2020, 391, 123554.	12.7	70

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37	Synthesis, characterization and flocculation performance of a novel sodium alginate-based flocculant. <i>Carbohydrate Polymers</i> , 2020, 248, 116790.	10.2	35
38	Structure-activity relationships of the papermill sludge-based flocculants in different dye wastewater treatment. <i>Journal of Cleaner Production</i> , 2020, 266, 121944.	9.3	17
39	Three-dimensional porous graphene-like biochar derived from <i>Enteromorpha</i> as a persulfate activator for sulfamethoxazole degradation: Role of graphitic N and radicals transformation. <i>Journal of Hazardous Materials</i> , 2020, 399, 123039.	12.4	152
40	Effects of charge density and molecular weight of papermaking sludge-based flocculant on its decolorization efficiencies. <i>Science of the Total Environment</i> , 2020, 723, 138136.	8.0	8
41	Highly efficient and mild electrochemical degradation of bentazon by nano-diamond doped PbO ₂ anode with reduced Ti nanotube as the interlayer. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 254-264.	9.4	48
42	Mechanism of sonication time on structure and adsorption properties of 3D peanut shell/graphene oxide aerogel. <i>Science of the Total Environment</i> , 2020, 739, 139983.	8.0	24
43	Nitrogen-doped carbon nanotubes encapsulating Fe/Zn nanoparticles as a persulfate activator for sulfamethoxazole degradation: role of encapsulated bimetallic nanoparticles and nonradical reaction. <i>Environmental Science: Nano</i> , 2020, 7, 1444-1453.	4.3	113
44	Waste-to-resources: Green preparation of magnetic biogas residues-based biochar for effective heavy metal removals. <i>Science of the Total Environment</i> , 2020, 737, 140283.	8.0	52
45	Enhanced degradation of clothianidin in peroxymonosulfate/catalyst system via core-shell FeMn @ N-C and phosphate surrounding. <i>Applied Catalysis B: Environmental</i> , 2020, 267, 118717.	20.2	267
46	Single and Binary Competitive Adsorption of Cobalt and Nickel onto Novel Magnetic Composites Derived from Green Macroalgae. <i>Environmental Engineering Science</i> , 2020, 37, 188-200.	1.6	12
47	Adsorptive removal of phosphate by the bimetallic hydroxide nanocomposites embedded in pomegranate peel. <i>Journal of Environmental Sciences</i> , 2020, 91, 189-198.	6.1	23
48	Co/Fe and Co/Al layered double oxides ozone catalyst for the deep degradation of aniline: Preparation, characterization and kinetic model. <i>Science of the Total Environment</i> , 2020, 715, 136982.	8.0	73
49	Effect of washing conditions on adsorptive properties of mesoporous silica carbon composites by in-situ carbothermal treatment. <i>Science of the Total Environment</i> , 2020, 716, 136770.	8.0	8
50	Alleviating membrane fouling of modified polysulfone membrane via coagulation pretreatment/ultrafiltration hybrid process. <i>Chemosphere</i> , 2019, 235, 58-69.	8.2	37
51	A facile approach to ultralight and recyclable 3D self-assembled copolymer/graphene aerogels for efficient oil/water separation. <i>Science of the Total Environment</i> , 2019, 694, 133671.	8.0	46
52	One-step synthesis of easily-recoverable carboxylated biogas residues for efficient removal of heavy metal ions from synthetic wastewater. <i>Journal of Cleaner Production</i> , 2019, 240, 118264.	9.3	24
53	Removal of sulfamethoxazole from water via activation of persulfate by Fe ₃ C@NCNTs including mechanism of radical and nonradical process. <i>Chemical Engineering Journal</i> , 2019, 375, 122004.	12.7	244
54	Preparation of Cu ₂ O-Fe ₃ O ₄ @carbon nanocomposites derived from natural polymer hydrogel template for organic pollutants degradation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 102, 456-464.	5.3	12

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55	Synthesis of polyaluminium chloride/papermaking sludge-based organic polymer composites for removal of disperse yellow and reactive blue by flocculation. <i>Chemosphere</i> , 2019, 231, 337-348.	8.2	35
56	Multiple bimetallic (Al-La or Fe-La) hydroxides embedded in cellulose/graphene hybrids for uptake of fluoride with phosphate surroundings. <i>Journal of Hazardous Materials</i> , 2019, 379, 120634.	12.4	31
57	Enhanced fluoride uptake by bimetallic hydroxides anchored in cotton cellulose/graphene oxide composites. <i>Journal of Hazardous Materials</i> , 2019, 376, 91-101.	12.4	33
58	In-situ pyrolysis of <i>Enteromorpha</i> as carbocatalyst for catalytic removal of organic contaminants: Considering the intrinsic N/Fe in <i>Enteromorpha</i> and non-radical reaction. <i>Applied Catalysis B: Environmental</i> , 2019, 250, 382-395.	20.2	418
59	Fe/Mn nanoparticles encapsulated in nitrogen-doped carbon nanotubes as a peroxydisulfate activator for acetamiprid degradation. <i>Environmental Science: Nano</i> , 2019, 6, 1799-1811.	4.3	197
60	Selective removal of phosphate by dual Zr and La hydroxide/cellulose-based bio-composites. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 692-699.	9.4	62
61	Column adsorption and regeneration study of magnetic biopolymer resin for perchlorate removal in presence of nitrate and phosphate. <i>Journal of Cleaner Production</i> , 2019, 213, 762-775.	9.3	49
62	Development of combined coagulation-hydrolysis acidification-dynamic membrane bioreactor system for treatment of oilfield polymer-flooding wastewater. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	6.0	13
63	Insights into the phosphate adsorption behavior onto 3D self-assembled cellulose/graphene hybrid nanomaterials embedded with bimetallic hydroxides. <i>Science of the Total Environment</i> , 2019, 653, 897-907.	8.0	46
64	Evaluation of molecular weight, chain architectures and charge densities of various lignin-based flocculants for dye wastewater treatment. <i>Chemosphere</i> , 2019, 215, 214-226.	8.2	51
65	One-step synthesis of peanut hull/graphene aerogel for highly efficient oil-water separation. <i>Journal of Cleaner Production</i> , 2019, 207, 764-771.	9.3	89
66	A wheat straw cellulose-based hydrogel for Cu (II) removal and preparation copper nanocomposite for reductive degradation of chloramphenicol. <i>Carbohydrate Polymers</i> , 2018, 190, 12-22.	10.2	45
67	Three-dimensional reduced graphene oxide/carbon nanotube nanocomposites anchoring of amorphous and crystalline molybdenum sulfide: Physicochemical characteristics and electrocatalytic hydrogen evolution performances. <i>Electrochimica Acta</i> , 2018, 273, 402-411.	5.2	19
68	Application and mechanism of polysaccharide extracted from <i>Enteromorpha</i> to remove nano-ZnO and humic acid in coagulation process. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	6.0	9
69	Adsorption of phosphate by the cellulose-based biomaterial and its sustained release of laden phosphate in aqueous solution and soil. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 524-534.	7.5	44
70	Bio-reduction of free and laden perchlorate by the pure and mixed perchlorate reducing bacteria: Considering the pH and coexisting nitrate. <i>Chemosphere</i> , 2018, 205, 475-483.	8.2	11
71	rGO/CNTs Supported Pyrolysis Derivatives of [Mo ₃ S ₁₃] ²⁻ Clusters as Promising Electrocatalysts for Enhancing Hydrogen Evolution Performances. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6920-6931.	6.7	17
72	Study on the treatment of soybean protein wastewater by a pilot-scale IC-A/O coupling reactor. <i>Chemical Engineering Journal</i> , 2018, 343, 189-197.	12.7	22

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73	Cellulose based multifunctional hybrid material for sequestering phosphate in stratified water purification columns. <i>Cellulose</i> , 2018, 25, 5877-5892.	4.9	4
74	Removal of fluoride by carbohydrate-based material embedded with hydrous zirconium oxide nanoparticles. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27982-27991.	5.3	14
75	Highly selective and efficient removal of fluoride from aqueous solution by Zr La dual-metal hydroxide anchored bio-sorbents. <i>Journal of Cleaner Production</i> , 2018, 199, 36-46.	9.3	45
76	Uptake of phosphate and Cr(VI) by amine-functionalized Chinese reed: Considering the computations and characteristics analysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 72, 85-94.	5.3	7
77	Bio-regeneration of spent Fe ₃ O ₄ laden quaternary-ammonium shaddock peel after perchlorate capture: Considering the oxygen, coexisting anions, bio-fouling and indirect bio-regeneration. <i>Chemical Engineering Journal</i> , 2017, 316, 204-213.	12.7	10
78	Preferable uptake of phosphate by hydrous zirconium oxide nanoparticles embedded in quaternary-ammonium Chinese reed. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 118-129.	9.4	53
79	Biosorption and Bioreduction of Perchlorate Using the Nano-Fe ₃ O ₄ -Laden Quaternary-Ammonium Chinese Reed: Considering the Coexisting Nitrate and Nano-Fe ₃ O ₄ . <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2471-2482.	6.7	20
80	Integration of coagulation and adsorption for removal of N-nitrosodimethylamine (NDMA) precursors from biologically treated municipal wastewater. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12426-12436.	5.3	7
81	Application for oxytetracycline wastewater pretreatment by Fenton iron mud based cathodic-anodic-electrolysis ceramic granular fillers. <i>Chemosphere</i> , 2017, 182, 483-490.	8.2	23
82	Effective adsorption/desorption of perchlorate from water using corn stalk based modified magnetic biopolymer ion exchange resin. <i>Microporous and Mesoporous Materials</i> , 2017, 252, 59-68.	4.4	31
83	The rapid adsorption-microbial reduction of perchlorate from aqueous solution by novel amine-crosslinked magnetic biopolymer resin. <i>Bioresource Technology</i> , 2017, 240, 68-76.	9.6	22
84	Amine-crosslinked Shaddock Peel embedded with hydrous zirconium oxide nano-particles for selective phosphate removal in competitive condition. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 80, 650-662.	5.3	22
85	Thiomolybdate [Mo ₃ S ₁₃] ²⁻ Nanoclusters Anchored on Reduced Graphene Oxide-Carbon Nanotube Aerogels for Efficient Electrocatalytic Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8908-8917.	6.7	42
86	Capture of perchlorate by a surface-modified bio-sorbent and its bio-regeneration properties: Adsorption, computations and biofouling. <i>Chemosphere</i> , 2017, 185, 152-161.	8.2	7
87	Novel cationic polyamidine: Synthesis, characterization, and sludge dewatering performance. <i>Journal of Environmental Sciences</i> , 2017, 51, 305-314.	6.1	22
88	Removal of phosphate and chromium(VI) from liquids by an amine-crosslinked nano-Fe ₃ O ₄ biosorbent derived from corn straw. <i>RSC Advances</i> , 2016, 6, 47237-47248.	3.6	62
89	Adsorption-desorption behavior of magnetic amine/Fe ₃ O ₄ functionalized biopolymer resin towards anionic dyes from wastewater. <i>Bioresource Technology</i> , 2016, 210, 123-130.	9.6	175
90	FTIR, Raman, and XPS analysis during phosphate, nitrate and Cr(VI) removal by amine cross-linking biosorbent. <i>Journal of Colloid and Interface Science</i> , 2016, 468, 313-323.	9.4	230

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91	Removal of anionic pollutants from liquids by biomass materials: A review. <i>Journal of Molecular Liquids</i> , 2016, 215, 565-595.	4.9	125
92	Adsorption of nitrate from aqueous solution by magnetic amine-crosslinked biopolymer based corn stalk and its chemical regeneration property. <i>Journal of Hazardous Materials</i> , 2016, 304, 280-290.	12.4	138
93	Adsorption of phosphate on surface of magnetic reed: characteristics, kinetic, isotherm, desorption, competitive and mechanistic studies. <i>RSC Advances</i> , 2016, 6, 5089-5099.	3.6	15
94	Treatment of dissolved perchlorate by adsorption and microbial reduction. <i>Chemical Engineering Journal</i> , 2015, 279, 522-529.	12.7	23
95	High-capacity adsorption of dissolved hexavalent chromium using amine-functionalized magnetic corn stalk composites. <i>Bioresource Technology</i> , 2015, 190, 550-557.	9.6	103
96	Performance of novel biopolymer-based activated carbon and resin on phosphate elimination from stream. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 476, 68-75.	4.7	31
97	Integration of adsorption and direct bio-reduction of perchlorate on surface of cotton stalk based resin. <i>Journal of Colloid and Interface Science</i> , 2015, 459, 127-135.	9.4	22
98	Study of microbial perchlorate reduction: Considering of multiple pH, electron acceptors and donors. <i>Journal of Hazardous Materials</i> , 2015, 285, 228-235.	12.4	44
99	Physicochemical characteristics of epichlorohydrin, pyridine and trimethylamine functionalized cotton stalk and its adsorption/desorption properties for perchlorate. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 219-228.	9.4	23
100	Column adsorption of perchlorate by amine-crosslinked biopolymer based resin and its biological, chemical regeneration properties. <i>Carbohydrate Polymers</i> , 2015, 115, 432-438.	10.2	45
101	Removal of Cu(II) and Cr(VI) from wastewater by an amphoteric sorbent based on cellulose-rich biomass. <i>Carbohydrate Polymers</i> , 2014, 111, 788-796.	10.2	94
102	Uptake of perchlorate from aqueous solutions by amine-crosslinked cotton stalk. <i>Carbohydrate Polymers</i> , 2013, 98, 132-138.	10.2	32
103	Characteristics of Amine Surfactant Modified Peanut Shell and Its Sorption Property for Cr(VI). <i>Chinese Journal of Chemical Engineering</i> , 2013, 21, 1260-1268.	3.5	28
104	Nitrate adsorption by multiple biomaterial based resins: Application of pilot-scale and lab-scale products. <i>Chemical Engineering Journal</i> , 2013, 234, 397-405.	12.7	50
105	Nitrate adsorption by stratified wheat straw resin in lab-scale columns. <i>Chemical Engineering Journal</i> , 2013, 226, 1-6.	12.7	82
106	Perchlorate uptake by wheat straw based adsorbent from aqueous solution and its subsequent biological regeneration. <i>Chemical Engineering Journal</i> , 2012, 211-212, 37-45.	12.7	34
107	Adsorption of hexavalent chromium from aqueous solution by modified corn stalk: A fixed-bed column study. <i>Bioresource Technology</i> , 2012, 113, 114-120.	9.6	403
108	Nitrate removal from aqueous solution by <i>Arundo donax</i> L. reed based anion exchange resin. <i>Journal of Hazardous Materials</i> , 2012, 203-204, 86-92.	12.4	70

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109	Characteristics of diethylenetriamine-crosslinked cotton stalk/wheat stalk and their biosorption capacities for phosphate. <i>Journal of Hazardous Materials</i> , 2011, 192, 1690-1696.	12.4	78
110	Characteristics of amine-crosslinked wheat straw and its adsorption mechanisms for phosphate and chromium (VI) removal from aqueous solution. <i>Carbohydrate Polymers</i> , 2011, 84, 1054-1060.	10.2	88
111	Sorption of phosphate onto giant reed based adsorbent: FTIR, Raman spectrum analysis and dynamic sorption/desorption properties in filter bed. <i>Bioresource Technology</i> , 2011, 102, 5278-5282.	9.6	64
112	Preparation and characteristics of anion exchanger from corn stalks. <i>Desalination</i> , 2011, 274, 113-119.	8.2	26
113	Sorption of nitrate onto amine-crosslinked wheat straw: Characteristics, column sorption and desorption properties. <i>Journal of Hazardous Materials</i> , 2011, 186, 206-211.	12.4	61
114	Characteristics of cellulosic amine-crosslinked copolymer and its sorption properties for Cr(VI) from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2011, 189, 420-426.	12.4	57
115	Preparation of agricultural by-product based anion exchanger and its utilization for nitrate and phosphate removal. <i>Bioresource Technology</i> , 2010, 101, 8558-8564.	9.6	124
116	Adsorption studies of the removal of anions from aqueous solutions onto an adsorbent prepared from wheat straw. <i>Science China Chemistry</i> , 2010, 53, 1414-1419.	8.2	6
117	Preparation and utilization of wheat straw bearing amine groups for the sorption of acid and reactive dyes from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2010, 182, 1-9.	12.4	92
118	Optimized conditions in preparation of giant reed quaternary amino anion exchanger for phosphate removal. <i>Chemical Engineering Journal</i> , 2010, 157, 161-167.	12.7	49
119	Effect of modifying agents on the preparation and properties of the new adsorbents from wheat straw. <i>Bioresource Technology</i> , 2010, 101, 1477-1481.	9.6	29
120	Adsorption of phosphate from aqueous solutions onto modified wheat residue: Characteristics, kinetic and column studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 70, 46-52.	5.0	94