Qinyan Yue

List of Publications by Year
in descending order

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329	15,188	19608 61	34900 98
papers	citations	h-index	g-index

331	331	331	11821
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of chloramphenicol by sulfide-modified nanoscale zero-valent iron activated persulfate: Performance, salt resistance, and reaction mechanisms. Chemosphere, 2022, 286, 131876.	4.2	36
2	Low-temperature carbonization synthesis of carbon-based super-hydrophobic foam for efficient multi-state oil/water separation. Journal of Hazardous Materials, 2022, 423, 127064.	6.5	35
3	Synthesis of rice husk-based ion-imprinted polymer for selective capturing Cu(II) from aqueous solution and re-use of its waste material in Glaser coupling reaction. Journal of Hazardous Materials, 2022, 424, 127203.	6.5	21
4	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.	3.9	30
5	Enhanced removal of phosphate using pomegranate peel-modified nickelâ€'lanthanum hydroxide. Science of the Total Environment, 2022, 809, 151181.	3.9	15
6	A new UV source activates ozone for water treatment: Wavelength-dependent ultraviolet light-emitting diode (UV-LED). Separation and Purification Technology, 2022, 280, 119934.	3.9	11
7	Catalytic ozonation performance and mechanism of Mn-CeOx@Î³-Al2O3/O3 in the treatment of sulfate-containing hypersaline antibiotic wastewater. Science of the Total Environment, 2022, 807, 150867.	3.9	35
8	The interactions between Al (III) and Ti (IV) in the composite coagulant polyaluminum-titanium chloride. Separation and Purification Technology, 2022, 282, 120148.	3.9	13
9	Manipulating a vertical temperature-gradient of Fe@Enteromorpha/graphene aerogel to enhanced solar evaporation and sterilization. Journal of Materials Chemistry A, 2022, 10, 3750-3759.	5.2	20
10	Fabrication of superhydrophobic Enteromorpha-derived carbon aerogels via NH4H2PO4 modification for multi-behavioral oil/water separation. Science of the Total Environment, 2022, 837, 155869.	3.9	14
11	Phytic acid and graphene oxide functionalized sponge with special-wettability and electronegativity for oil-in-water emulsion separation in single-step. Journal of Hazardous Materials, 2022, 435, 129003.	6.5	21
12	Tubular polypyrrole enhanced elastomeric biomass foam as a portable interfacial evaporator for efficient self-desalination. Chemical Engineering Journal, 2022, 445, 136701.	6.6	20
13	Coagulation behavior of polyaluminum-titanium chloride composite coagulant with humic acid: A mechanism analysis. Water Research, 2022, 220, 118633.	5.3	27
14	Boosting fenton-like reaction by reconstructed single Fe atom catalyst for oxidizing organics: Synergistic effect of conjugated Ï€-Ï€ sp2 structured carbon and isolated Fe-N4 sites. Chemical Engineering Journal, 2022, 446, 137120.	6.6	45
15	In-situ recycling strategy for co-treatment of antimony-rich sludge char and leachate: Pilot-scale application in an engineering case. Chemical Engineering Journal, 2022, 446, 137315.	6.6	5
16	Visible-Light Photocatalytic Chlorite Activation Mediated by Oxygen Vacancy Abundant Nd-Doped BiVO₄ for Efficient Chlorine Dioxide Generation and Pollutant Degradation. ACS Applied Materials & Interfaces, 2022, 14, 31920-31932.	4.0	12
17	Unveiling the Origins of Selective Oxidation in Single-Atom Catalysis via Coâ€"N₄â€"C Intensified Radical and Nonradical Pathways. Environmental Science & Technology, 2022, 56, 11635-11645.	4.6	159
18	Highly efficient Al-Ti gel as a coagulant for surface water treatment: Insights into the hydrolysate transformation and coagulation mechanism. Water Research, 2022, 221, 118826.	5.3	20

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19	Magnetic field-enhanced radical intensity for accelerating norfloxacin degradation under FeCu/rGO photo-Fenton catalysis. Chemical Engineering Journal, 2021, 420, 127634.	6.6	22
20	Flocculation performance of papermaking sludge-based flocculants in different dye wastewater treatment: Comparison with commercial lignin and coagulants. Chemosphere, 2021, 262, 128416.	4.2	68
21	Green synthesis of Cu nanoparticles supported on straw-graphene composite for catalytic reduction of p-nitrophenol. Journal of Cleaner Production, 2021, 283, 124578.	4.6	38
22	Degradation of organic pollutants by ultraviolet/ozone in high salinity condition: Non-radical pathway dominated by singlet oxygen. Chemosphere, 2021, 268, 128796.	4.2	32
23	Enhanced photodegradation of sulfadimidine via PAA/g-C3N4-Fe0 polymeric catalysts under visible light. Chemical Engineering Journal, 2021, 413, 127456.	6.6	20
24	A tunable amphiphilic Enteromorpha-modified graphene aerogel for oil/water separation. Science of the Total Environment, 2021, 763, 142958.	3.9	47
25	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.	3.3	17
26	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. Journal of Materials Chemistry A, 2021, 9, 11604-11613.	5.2	85
27	Fertilizer drawn forward osmosis as an alternative to 2nd pass seawater reverse osmosis: Estimation of boron removal and energy consumption. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	3.3	7
28	In-situ synthesis of CuS@carbon nanocomposites and application in enhanced photo-fenton degradation of 2,4-DCP. Chemosphere, 2021, 270, 129295.	4.2	38
29	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. Science of the Total Environment, 2021, 774, 145751.	3.9	11
30	Fabrication of graphitic carbon nitride functionalized Pâ€“CoFe2O4 for the removal of tetracycline under visible light: Optimization, degradation pathways and mechanism evaluation. Chemosphere, 2021, 274, 129783.	4.2	38
31	Recycling exhausted magnetic biochar with adsorbed Cu2+ as a cost-effective permonosulfate activator for norfloxacin degradation: Cu contribution and mechanism. Journal of Hazardous Materials, 2021, 413, 125413.	6.5	87
32	Versatile 3D reduced graphene oxide/poly(amino-phosphonic acid) aerogel derived from waste acrylic fibers as an efficient adsorbent for water purification. Science of the Total Environment, 2021, 776, 145973.	3.9	19
33	Preparation of a rice straw-based green separation layer for efficient and persistent oil-in-water emulsion separation. Journal of Hazardous Materials, 2021, 415, 125594.	6.5	52
34	The application of UV/O3 process on ciprofloxacin wastewater containing high salinity: Performance and its degradation mechanism. Chemosphere, 2021, 276, 130220.	4.2	42
35	A dual-functional layer modified GO@SiO2 membrane with excellent anti-fouling performance for continuous separation of oil-in-water emulsion. Journal of Hazardous Materials, 2021, 420, 126681.	6.5	29
36	Synergistic adjustment of water channels and light absorption pathways to co-generate salt collection and clean water production. Science of the Total Environment, 2021, 797, 148912.	3.9	9

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37	Coagulation-ultrafiltration integrated process for membrane fouling control: Influence of Al species and SUVA values of water. Science of the Total Environment, 2021, 793, 148517.	3.9	18
38	Effect of phosphate on peroxymonosulfate activation: Accelerating generation of sulfate radical and underlying mechanism. Applied Catalysis B: Environmental, 2021, 298, 120532.	10.8	172
39	Characterization and influence of floc under different coagulation systems on ultrafiltration membrane fouling. Chemosphere, 2020, 238, 124659.	4.2	37
40	One-step synthesis of â€œnuclear-shellâ€•structure iron-carbon nanocomposite as a persulfate activator for bisphenol A degradation. Chemical Engineering Journal, 2020, 382, 122780.	6.6	77
41	Molecularly imprinted carbon nanosheets supported TiO2: Strong selectivity and synergic adsorption-photocatalysis for antibiotics removal. Journal of Hazardous Materials, 2020, 383, 121211.	6.5	99
42	Sulfate saturated biosorbent-derived Co-S@NC nanoarchitecture as an efficient catalyst for peroxymonosulfate activation. Applied Catalysis B: Environmental, 2020, 262, 118302.	10.8	289
43	Synchronous removal of CuO nanoparticles and Cu2+ by polyaluminum chloride-Enteromorpha polysaccharides: Effect of Al species and pH. Journal of Environmental Sciences, 2020, 88, 1-11.	3.2	12
44	Modified biogas residues as an eco-friendly and easily-recoverable biosorbent for nitrate and phosphate removals from surface water. Journal of Hazardous Materials, 2020, 382, 121073.	6.5	56
45	Degradation of chlortetracycline with simultaneous removal of copper (II) from aqueous solution using wheat straw-supported nanoscale zero-valent iron. Chemical Engineering Journal, 2020, 379, 122384.	6.6	87
46	Effects of green synthesis, magnetization, and regeneration on ciprofloxacin removal by bimetallic nZVI/Cu composites and insights of degradation mechanism. Journal of Hazardous Materials, 2020, 382, 121008.	6.5	59
47	Prepartion and application of novel blast furnace dust based catalytic-ceramic-filler in electrolysis assisted catalytic micro-electrolysis system for ciprofloxacin wastewater treatment. Journal of Hazardous Materials, 2020, 383, 121215.	6.5	37
48	Co-monomer polymer anion exchange resin for removing Cr(VI) contaminants: Adsorption kinetics, mechanism and performance. Science of the Total Environment, 2020, 709, 136002.	3.9	56
49	Performance optimization of CdS precipitated graphene oxide/polyacrylic acid composite for efficient photodegradation of chlortetracycline. Journal of Hazardous Materials, 2020, 388, 121780.	6.5	37
50	Floc properties and membrane fouling in coagulation/ultrafiltration process for the treatment of Xiaoqing River: The role of polymeric aluminum-polymer dual-coagulants. Chemosphere, 2020, 243, 125391.	4.2	22
51	Self-floating maize straw/graphene aerogel synthesis based on microbubble and ice crystal templates for efficient solar-driven interfacial water evaporation. Journal of Materials Chemistry A, 2020, 8, 24734-24742.	5.2	48
52	Synthesis, characterization and flocculation performance of a novel sodium alginate-based flocculant. Carbohydrate Polymers, 2020, 248, 116790.	5.1	35
53	Insight into activated carbon from different kinds of chemical activating agents: A review. Science of the Total Environment, 2020, 746, 141094.	3.9	278
54	Graphitic carbon nitride (g-C₃N₄)-based membranes for advanced separation. Journal of Materials Chemistry A, 2020, 8, 19133-19155.	5.2	99

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55	Effects of charge density and molecular weight of papermaking sludge-based flocculant on its decolorization efficiencies. Science of the Total Environment, 2020, 723, 138136.	3.9	8
56	Mechanism of sonication time on structure and adsorption properties of 3D peanut shell/graphene oxide aerogel. Science of the Total Environment, 2020, 739, 139983.	3.9	24
57	Nitrogen-doped carbon nanotubes encapsulating Fe/Zn nanoparticles as a persulfate activator for sulfamethoxazole degradation: role of encapsulated bimetallic nanoparticles and nonradical reaction. Environmental Science: Nano, 2020, 7, 1444-1453.	2.2	113
58	Waste-to-resources: Green preparation of magnetic biogas residues-based biochar for effective heavy metal removals. Science of the Total Environment, 2020, 737, 140283.	3.9	52
59	The obvious advantage of amino-functionalized metal-organic frameworks: As a persulfate activator for bisphenol F degradation. Science of the Total Environment, 2020, 741, 140464.	3.9	43
60	Adsorptive removal of phosphate by the bimetallic hydroxide nanocomposites embedded in pomegranate peel. Journal of Environmental Sciences, 2020, 91, 189-198.	3.2	23
61	Impacts of composite flocculant in coagulation/ultrafiltration hybrid process for treatment of humic acid water: the role of basicity. Environmental Technology (United Kingdom), 2020, 42, 1-14.	1.2	0
62	Co/Fe and Co/Al layered double oxides ozone catalyst for the deep degradation of aniline: Preparation, characterization and kinetic model. Science of the Total Environment, 2020, 715, 136982.	3.9	73
63	Effect of washing conditions on adsorptive properties of mesoporous silica carbon composites by in-situ carbothermal treatment. Science of the Total Environment, 2020, 716, 136770.	3.9	8
64	Effective blockage of chloride ion quenching and chlorinated by-product generation in photocatalytic wastewater treatment. Journal of Hazardous Materials, 2020, 396, 122670.	6.5	31
65	Municipal wastewater treatment by forward osmosis using seawater concentrate as draw solution. Chemosphere, 2019, 237, 124485.	4.2	36
66	Synchronous synthesis of Cu2O/Cu/rGO@carbon nanomaterials photocatalysts via the sodium alginate hydrogel template method for visible light photocatalytic degradation. Science of the Total Environment, 2019, 693, 133657.	3.9	39
67	Alleviating membrane fouling of modified polysulfone membrane via coagulation pretreatment/ultrafiltration hybrid process. Chemosphere, 2019, 235, 58-69.	4.2	37
68	Co-effects of epichlorohydrin-dimethylamine and polyferric on humic acid elimination and membrane resistance in hybrid process. Journal of Cleaner Production, 2019, 235, 767-778.	4.6	8
69	A facile approach to ultralight and recyclable 3D self-assembled copolymer/graphene aerogels for efficient oil/water separation. Science of the Total Environment, 2019, 694, 133671.	3.9	46
70	PAC-PDMDAAC pretreatment of typical natural organic matter mixtures: Ultrafiltration membrane fouling control and mechanisms. Science of the Total Environment, 2019, 694, 133816.	3.9	31
71	The application of forward osmosis for simulated surface water treatment by using trisodium citrate as draw solute. Environmental Science and Pollution Research, 2019, 26, 8585-8593.	2.7	4
72	Grass-modified graphene aerogel for effective oil-water separation. Chemical Engineering Research and Design, 2019, 129, 119-129.	2.7	35

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73	Removal of sulfamethoxazole from water via activation of persulfate by Fe3C@NCNTs including mechanism of radical and nonradical process. Chemical Engineering Journal, 2019, 375, 122004.	6.6	244
74	Magnetic hydrogel derived from wheat straw cellulose/feather protein in ionic liquids as copper nanoparticles carrier for catalytic reduction. Carbohydrate Polymers, 2019, 220, 202-210.	5.1	36
75	Synthesis of polyaluminium chloride/papermaking sludge-based organic polymer composites for removal of disperse yellow and reactive blue by flocculation. Chemosphere, 2019, 231, 337-348.	4.2	35
76	The combination of coagulation and ozonation as a pre-treatment of ultrafiltration in water treatment. Chemosphere, 2019, 231, 349-356.	4.2	45
77	Multiple bimetallic (Al-La or Fe-La) hydroxides embedded in cellulose/graphene hybrids for uptake of fluoride with phosphate surroundings. Journal of Hazardous Materials, 2019, 379, 120634.	6.5	31
78	Enhanced fluoride uptake by bimetallic hydroxides anchored in cotton cellulose/graphene oxide composites. Journal of Hazardous Materials, 2019, 376, 91-101.	6.5	33
79	The Combination of Coagulation and Adsorption for Controlling Ultra-Filtration Membrane Fouling in Water Treatment. Water (Switzerland), 2019, 11, 90.	1.2	21
80	In-situ pyrolysis of Enteromorpha as carbocatalyst for catalytic removal of organic contaminants: Considering the intrinsic N/Fe in Enteromorpha and non-radical reaction. Applied Catalysis B: Environmental, 2019, 250, 382-395.	10.8	418
81	Adsorption of Cd2+ on GO/PAA hydrogel and preliminary recycle to GO/PAA-CdS as efficient photocatalyst. Science of the Total Environment, 2019, 668, 1165-1174.	3.9	75
82	Fe/Mn nanoparticles encapsulated in nitrogen-doped carbon nanotubes as a peroxymonosulfate activator for acetamiprid degradation. Environmental Science: Nano, 2019, 6, 1799-1811.	2.2	197
83	Multivariate optimization of ciprofloxacin removal by polyvinylpyrrolidone stabilized NZVI/Cu bimetallic particles. Chemical Engineering Journal, 2019, 365, 183-192.	6.6	51
84	Application of composite flocculants for removing organic matter and mitigating ultrafiltration membrane fouling in surface water treatment: the role of composite ratio. Environmental Science: Water Research and Technology, 2019, 5, 2242-2250.	1.2	4
85	Selective removal of phosphate by dual Zr and La hydroxide/cellulose-based bio-composites. Journal of Colloid and Interface Science, 2019, 533, 692-699.	5.0	62
86	Column adsorption and regeneration study of magnetic biopolymer resin for perchlorate removal in presence of nitrate and phosphate. Journal of Cleaner Production, 2019, 213, 762-775.	4.6	49
87	Development of combined coagulation-hydrolysis acidification-dynamic membrane bioreactor system for treatment of oilfield polymer-flooding wastewater. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	3.3	13
88	Utilization of ferric groundwater treatment residuals for inorganic-organic hybrid biosorbent preparation and its use for vanadium removal. Chemical Engineering Journal, 2019, 361, 680-689.	6.6	48
89	Application of Al species in coagulation/ultrafiltration process: Influence of cake layer on membrane fouling. Journal of Membrane Science, 2019, 572, 161-170.	4.1	63
90	Evaluation of molecular weight, chain architectures and charge densities of various lignin-based flocculants for dye wastewater treatment. Chemosphere, 2019, 215, 214-226.	4.2	51

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91	Cerium oxide doped nanocomposite membranes for reverse osmosis desalination. Chemosphere, 2019, 218, 974-983.	4.2	46
92	One-step synthesis of peanut hull/graphene aerogel for highly efficient oil-water separation. Journal of Cleaner Production, 2019, 207, 764-771.	4.6	89
93	A biodegradable biomass-based polymeric composite for slow release and water retention. Journal of Environmental Management, 2019, 230, 190-198.	3.8	65
94	Characterization of dissolved organic matter and membrane fouling in coagulation-ultrafiltration process treating micro-polluted surface water. Journal of Environmental Sciences, 2019, 75, 318-324.	3.2	29
95	A wheat straw cellulose-based hydrogel for Cu (II) removal and preparation copper nanocomposite for reductive degradation of chloramphenicol. Carbohydrate Polymers, 2018, 190, 12-22.	5.1	45
96	Optimization of coagulation pre-treatment for alleviating ultrafiltration membrane fouling: The role of floc properties on Al species. Chemosphere, 2018, 200, 86-92.	4.2	48
97	Application of enteromorpha polysaccharides as coagulant aid in the simultaneous removal of CuO nanoparticles and Cu2+: Effect of humic acid concentration. Chemosphere, 2018, 204, 492-500.	4.2	21
98	Facile one-step synthesis of functionalized biochar from sustainable prolifera-green-tide source for enhanced adsorption of copper ions. Journal of Environmental Sciences, 2018, 73, 185-194.	3.2	18
99	Application and mechanism of polysaccharide extracted from Enteromorpha to remove nano-ZnO and humic acid in coagulation process. Frontiers of Environmental Science and Engineering, 2018, 12, 1.	3.3	9
100	Coagulation behavior of kaolin-anionic surfactant simulative wastewater by polyaluminum chloride-polymer dual coagulants. Environmental Science and Pollution Research, 2018, 25, 7382-7390.	2.7	25
101	Preparation of wheat straw-supported Nanoscale Zero-Valent Iron and its removal performance on ciprofloxacin. Ecotoxicology and Environmental Safety, 2018, 158, 100-107.	2.9	36
102	Immobilization of nanoscale zero-valent iron particles (nZVI) with synthesized activated carbon for the adsorption and degradation of Chloramphenicol (CAP). Journal of Molecular Liquids, 2018, 262, 19-28.	2.3	62
103	Facile synthesis of hierarchical porous carbon material by potassium tartrate activation for chloramphenicol removal. Journal of the Taiwan Institute of Chemical Engineers, 2018, 85, 141-148.	2.7	22
104	Adsorption behavior of Ni(II) onto activated carbons from hide waste and high-pressure steaming hide waste. Ecotoxicology and Environmental Safety, 2018, 156, 294-300.	2.9	32
105	rGO/CNTs Supported Pyrolysis Derivatives of [Mo₃S₁₃]^{2â€“} Clusters as Promising Electrocatalysts for Enhancing Hydrogen Evolution Performances. ACS Sustainable Chemistry and Engineering, 2018, 6, 6920-6931.	3.2	17
106	Pre-treatment of pyridine wastewater by new cathodicâ€“anodic-electrolysis packing. Journal of Environmental Sciences, 2018, 63, 43-49.	3.2	12
107	Performance of bimetallic nanoscale zero-valent iron particles for removal of oxytetracycline. Journal of Environmental Sciences, 2018, 69, 173-182.	3.2	57
108	Effects of Cu and CuO on the preparation of activated carbon from waste circuit boards by H3PO4 activation. Chemical Engineering Journal, 2018, 331, 93-101.	6.6	40

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109	Enhanced phosphorus and ciprofloxacin removal in a modified BAF system by configuring Fe-C micro electrolysis: Investigation on pollutants removal and degradation mechanisms. Journal of Hazardous Materials, 2018, 342, 705-714.	6.5	83
110	Flocculation performance of lignin-based flocculant during reactive blue dye removal: comparison with commercial flocculants. Environmental Science and Pollution Research, 2018, 25, 2083-2095.	2.7	30
111	Analysis of extracellular polymeric substances (EPS) and ciprofloxacin-degrading microbial community in the combined Fe-C micro-electrolysis-UBAF process for the elimination of high-level ciprofloxacin. Chemosphere, 2018, 193, 645-654.	4.2	62
112	Application for oxytetracycline wastewater pretreatment by Fe-C-Ni catalytic cathodic-anodic-electrolysis granular fillers from rare-earth tailings. Ecotoxicology and Environmental Safety, 2018, 164, 641-647.	2.9	8
113	Preparation and catalytic activity of wheat straw cellulose based hydrogel-nanometal composites for hydrogen generation from NaBH 4 hydrolysis. International Journal of Hydrogen Energy, 2018, 43, 9978-9987.	3.8	30
114	Magnetic graphene oxide functionalized by poly dimethyl diallyl ammonium chloride for efficient removal of Cr(VI). Journal of the Taiwan Institute of Chemical Engineers, 2018, 91, 499-506.	2.7	34
115	Design and fabrication of a triple-responsive chitosan-based hydrogel with excellent mechanical properties for controlled drug delivery. Journal of Polymer Research, 2018, 25, 1.	1.2	24
116	Removal of tridecane dicarboxylic acid in water by nanoscale Fe0/Cu0 bimetallic composites. Ecotoxicology and Environmental Safety, 2018, 164, 219-225.	2.9	16
117	Biomass-based soft hydrogel for triple use: Adsorbent for metal removal, template for metal nanoparticle synthesis, and a reactor for nitrophenol and methylene blue reduction. Journal of the Taiwan Institute of Chemical Engineers, 2018, 91, 235-242.	2.7	16
118	Research on adsorption of Cr(â…¥) by Poly-epichlorohydrin-dimethylamine (EPIDMA) modified weakly basic anion exchange resin D301. Ecotoxicology and Environmental Safety, 2018, 161, 467-473.	2.9	46
119	Removal of copper ions from aqueous solutions by adsorption onto wheat straw celluloseâ€based polymeric composites. Journal of Applied Polymer Science, 2018, 135, 46680.	1.3	30
120	Simultaneous removal of nano-ZnO and Zn2+ based on transportation character of nano-ZnO by coagulation: Enteromorpha polysaccharide compound polyaluminum chloride. Environmental Science and Pollution Research, 2017, 24, 5179-5188.	2.7	14
121	Effect of the dosage ratio and the viscosity of PAC/PDMDAAC on coagulation performance and membrane fouling in a hybrid coagulation-ultrafiltration process. Chemosphere, 2017, 173, 288-298.	4.2	38
122	Effects of papermaking sludge-based polymer on coagulation behavior in the disperse and reactive dyes wastewater treatment. Bioresource Technology, 2017, 240, 59-67.	4.8	56
123	Application for oxytetracycline wastewater pretreatment by Fenton iron mud based cathodic-anodic-electrolysis ceramic granular fillers. Chemosphere, 2017, 182, 483-490.	4.2	23
124	Application of FeCl3 to Adjust Urban Sewage-Dewatered Sludge (UDSS) Containing Cationic Polyacrylamide (CPAM) for Further Dewatering. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	9
125	Exploration of polyepoxysuccinic acid as a novel draw solution in the forward osmosis process. RSC Advances, 2017, 7, 30687-30698.	1.7	29
126	A wheat straw cellulose based semi-IPN hydrogel reactor for metal nanoparticles preparation and catalytic reduction of 4-nitrophenol. RSC Advances, 2017, 7, 17599-17611.	1.7	29

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127	A novel Enteromorpha based hydrogel for copper and nickel nanoparticle preparation and their use in hydrogen production as catalysts. International Journal of Hydrogen Energy, 2017, 42, 6746-6756.	3.8	25
128	Comparison of two modified coal ash ferric-carbon micro-electrolysis ceramic media for pretreatment of tetracycline wastewater. Environmental Science and Pollution Research, 2017, 24, 12462-12473.	2.7	9
129	3D hierarchical golden wattle-like TiO₂ microspheres: polar acetone-based solvothermal synthesis and enhanced water purification performance. CrystEngComm, 2017, 19, 2187-2194.	1.3	21
130	The study of Na2SiO3 as conditioner used to deep dewater the urban sewage dewatered sludge by filter press. Separation and Purification Technology, 2017, 174, 331-337.	3.9	25
131	Preparation and characterization of activated carbons from waste tea by H 3 PO 4 activation in different atmospheres for oxytetracycline removal. Journal of the Taiwan Institute of Chemical Engineers, 2017, 71, 494-500.	2.7	104
132	Investigating coagulation behavior of chitosan with different Al species dual-coagulants in dye wastewater treatment. Journal of the Taiwan Institute of Chemical Engineers, 2017, 78, 423-430.	2.7	35
133	Preparation of green alga-based activated carbon with lower impregnation ratio and less activation time by potassium tartrate for adsorption of chloramphenicol. Ecotoxicology and Environmental Safety, 2017, 145, 289-294.	2.9	23
134	Effects of ozonation, powdered activated carbon adsorption, and coagulation on the removal of disinfection by-product precursors in reservoir water. Environmental Science and Pollution Research, 2017, 24, 17945-17954.	2.7	18
135	Activated carbon from tomato stem by chemical activation with FeCl2. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 529, 842-849.	2.3	77
136	Novel cationic polyamidine: Synthesis, characterization, and sludge dewatering performance. Journal of Environmental Sciences, 2017, 51, 305-314.	3.2	22
137	Purification, characterization and application of dual coagulants containing chitosan and different Al species in coagulation and ultrafiltration process. Journal of Environmental Sciences, 2017, 51, 214-221.	3.2	15
138	Review on Microwave-Matter Interaction Fundamentals and Efficient Microwave-Associated Heating Strategies. Materials, 2016, 9, 231.	1.3	435
139	Disposal and Recycling of Sewage Sludge. , 2016, , 705-736.		0
140	Theoretical and experimental study of the mechanisms of phosphate removal in the system containing Fe(III)-ions. Environmental Science and Pollution Research, 2016, 23, 24265-24276.	2.7	16
141	Kinetic Modeling of Phosphate Adsorption by Preformed and In situ formed Hydrous Ferric Oxides at Circumneutral pH. Scientific Reports, 2016, 6, 35292.	1.6	14
142	Floc structural characteristics of ferrum-polymer dual-coagulant for treatment of synthetic dyes wastewater: effect of solution pH, hardness and ionic strength. RSC Advances, 2016, 6, 94851-94858.	1.7	4
143	Synthesis and characterization of heteroatom-enriched biochar from keratin-based and algous-based wastes. Advanced Powder Technology, 2016, 27, 1280-1286.	2.0	25
144	Characteristics and trihalomethane formation reactivity of dissolved organic matter in effluents from membrane bioreactors with and without filamentous bulking. Bioresource Technology, 2016, 211, 183-189.	4.8	16

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145	Application of titanium sulfate in a coagulationâ€“ultrafiltration process: a comparison with aluminum sulfate and ferric sulfate. RSC Advances, 2016, 6, 49469-49477.	1.7	9
146	Improving the properties of an anion exchanger based on sugarcane bagasse by applying pretreatment methods. Desalination and Water Treatment, 2016, 57, 17944-17954.	1.0	8
147	Effects of solution pH and synthetic method on destabilization process of polytitanium-silicate-chloride. Journal of Hazardous Materials, 2016, 311, 230-236.	6.5	14
148	Floc proprieties and ultrafiltration characteristics by chitosan compound aluminum species coagulant under different pH conditions. Journal of the Taiwan Institute of Chemical Engineers, 2016, 68, 224-231.	2.7	9
149	Reduction of disinfection by-product precursors in reservoir water by coagulation and ultrafiltration. Environmental Science and Pollution Research, 2016, 23, 22914-22923.	2.7	21
150	Preparation of well-developed mesoporous activated carbon with high yield by ammonium polyphosphate activation. Journal of the Taiwan Institute of Chemical Engineers, 2016, 66, 394-399.	2.7	20
151	Adsorption behavior and mechanism of heavy metal ions by chicken feather protein-based semi-interpenetrating polymer networks super absorbent resin. RSC Advances, 2016, 6, 83234-83243.	1.7	30
152	Comparison of activated carbons from epoxy resin of waste printed circuit boards with KOH activation by conventional and microwave heating methods. Journal of the Taiwan Institute of Chemical Engineers, 2016, 68, 440-445.	2.7	19
153	Facile one-pot synthesis of carbon incorporated three-dimensional hierarchical TiO2 nanostructure for highly efficient pollutant removal. RSC Advances, 2016, 6, 101198-101207.	1.7	8
154	Physically cross-linked pH-responsive chitosan-based hydrogels with enhanced mechanical performance for controlled drug delivery. RSC Advances, 2016, 6, 106035-106045.	1.7	43
155	Impacts of epichlorohydrinâ€“dimethylamine on coagulation performance and membrane fouling in coagulation/ultrafiltration combined process with different Al-based coagulants. Chemosphere, 2016, 159, 228-234.	4.2	10
156	Characterization and application of a novel inorganic polymer coagulant: polytianium-silicate-chloride. RSC Advances, 2016, 6, 24898-24905.	1.7	6
157	Effect of powdered activated carbon (PAC) on MBR performance and effluent trihalomethane formation: At the initial stage of PAC addition. Bioresource Technology, 2016, 216, 838-844.	4.8	22
158	A study on the deep dewatering of urban dewatered-sewage sludge by aluminum chloride. Desalination and Water Treatment, 2016, 57, 545-552.	1.0	12
159	The performance of forward osmosis in treating high-salinity wastewater containing heavy metal Ni2+. Chemical Engineering Journal, 2016, 288, 569-576.	6.6	44
160	Comparison of epichlorohydrinâ€“dimethylamine with other cationic organic polymers as coagulation aids of polyferric chloride in coagulationâ€“ultrafiltration process. Journal of Hazardous Materials, 2016, 307, 108-118.	6.5	15
161	A novel Enteromorpha based hydrogel optimized with Boxâ€“Behnken response surface method: Synthesis, characterization and swelling behaviors. Chemical Engineering Journal, 2016, 287, 537-544.	6.6	47
162	Effect of pH on floc properties and membrane fouling in coagulationâ€“ultrafiltration hybrid process with different Al-based coagulants. Desalination and Water Treatment, 2016, 57, 26041-26049.	1.0	8

#	Article	IF	Citations
163	Fatty acid fouling of forward osmosis membrane: Effects of pH, calcium, membrane orientation, initial permeate flux and foulant composition. Journal of Environmental Sciences, 2016, 46, 55-62.	3.2	19
164	Characterization and ciprofloxacin adsorption properties of activated carbons prepared from biomass wastes by H3PO4 activation. Bioresource Technology, 2016, 217, 239-244.	4.8	214
165	FTIR, Raman, and XPS analysis during phosphate, nitrate and Cr(VI) removal by amine cross-linking biosorbent. Journal of Colloid and Interface Science, 2016, 468, 313-323.	5.0	230
166	Synthesis, characterization of a novel lignin-based polymer and its behavior as a coagulant aid in coagulation/ultrafiltration hybrid process. International Biodeterioration and Biodegradation, 2016, 113, 334-341.	1.9	23
167	Removal of anionic pollutants from liquids by biomass materials: A review. Journal of Molecular Liquids, 2016, 215, 565-595.	2.3	125
168	Effect of high salinity on the performance of forward osmosis: Water flux, membrane scaling and removal efficiency. Desalination, 2016, 378, 67-73.	4.0	21
169	Microbial diversity in combined UAFâ€“UBAF system with novel sludge and coal cinder ceramic fillers for tetracycline wastewater treatment. Chemical Engineering Journal, 2016, 285, 319-330.	6.6	77
170	Effects of operating conditions on trihalomethanes formation and speciation during chloramination in reclaimed water. Environmental Science and Pollution Research, 2016, 23, 1576-1583.	2.7	10
171	Comparison on physical, chemical, and adsorption properties of activated carbon derived from different solid wastes. Desalination and Water Treatment, 2016, 57, 15503-15514.	1.0	2
172	Insights into properties of activated carbons prepared from different raw precursors by pyrophosphoric acid activation. Journal of Environmental Sciences, 2016, 41, 235-243.	3.2	13
173	Fouling of forward osmosis membrane by protein (BSA): effects of pH, calcium, ionic strength, initial permeate flux, membrane orientation and foulant composition. Desalination and Water Treatment, 2016, 57, 13415-13424.	1.0	15
174	Comparative study of dry-mixing and wet-mixing activated carbons prepared from waste printed circuit boards by NaOH activation. RSC Advances, 2015, 5, 105943-105951.	1.7	23
175	Factors affecting trihalomethane formation and speciation during chlorination of reclaimed water. Water Science and Technology, 2015, 72, 616-622.	1.2	8
176	Coagulation behavior and floc structure characteristics of cationic lignin-based polymer-polyferric chloride dual-coagulants under different coagulation conditions. RSC Advances, 2015, 5, 100030-100038.	1.7	17
177	Activated carbons with well-developed mesoporosity prepared by activation with different alkali salts. Materials Letters, 2015, 146, 34-36.	1.3	24
178	Kinetics of Solvent Blue and Reactive Yellow removal using microwave radiation in combination with nanoscale zero-valent iron. Journal of Environmental Sciences, 2015, 30, 164-172.	3.2	33
179	Coagulation efficiency, floc properties and membrane fouling of polyaluminum chloride in coagulationâ€“ultrafiltration system: The role of magnesium. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 469, 235-241.	2.3	19
180	Effect of six kinds of scale inhibitors on calcium carbonate precipitation in high salinity wastewater at high temperatures. Journal of Environmental Sciences, 2015, 29, 124-130.	3.2	62

#	Article	IF	Citations
181	Effect of using polydimethyldiallylammonium chloride as coagulation aid on polytitanium salt coagulation performance, floc properties and sludge reuse. Separation and Purification Technology, 2015, 143, 64-71.	3.9	43
182	Coagulation behavior and floc properties of compound bioflocculantâ€“polyaluminum chloride dual-coagulants and polymeric aluminum in low temperature surface water treatment. Journal of Environmental Sciences, 2015, 30, 215-222.	3.2	44
183	High-capacity adsorption of dissolved hexavalent chromium using amine-functionalized magnetic corn stalk composites. Bioresource Technology, 2015, 190, 550-557.	4.8	103
184	Floc properties and membrane fouling of polyferric silicate chloride and polyferric chloride: the role of polysilicic acid. Environmental Science and Pollution Research, 2015, 22, 4566-4574.	2.7	3
185	Characterization of nanoscale zero-valent iron supported on granular activated carbon and its application in removal of acrylonitrile from aqueous solution. Journal of the Taiwan Institute of Chemical Engineers, 2015, 55, 152-158.	2.7	25
186	Effect of novel sludge and coal cinder ceramic media in combined anaerobicâ€“aerobic bio-filter for tetracycline wastewater treatment at low temperature. Chemical Engineering Journal, 2015, 277, 130-139.	6.6	34
187	Effect of pH with different purified aluminum species on coagulation performance and membrane fouling in coagulation/ultrafiltration process. Journal of Hazardous Materials, 2015, 300, 67-74.	6.5	31
188	The performance of forward osmosis process in treating the surfactant wastewater: The rejection of surfactant, water flux and physical cleaning effectiveness. Chemical Engineering Journal, 2015, 281, 688-695.	6.6	28
189	Effects of epichlorohydrinâ€“dimethylamine on coagulation and membrane performance of ferric chloride in coagulationâ€“ultrafiltration hybrid process. Chemical Engineering Journal, 2015, 280, 634-642.	6.6	18
190	Preparation of epoxy resin-based activated carbons from waste printed circuit boards by steam activation. Materials Letters, 2015, 159, 443-446.	1.3	29
191	High surface area and oxygen-enriched activated carbon synthesized from animal cellulose and evaluated in electric double-layer capacitors. RSC Advances, 2015, 5, 31375-31383.	1.7	31
192	Effect of pH on floc properties and membrane fouling in coagulation â€“ Ultrafiltration process with ferric chloride and polyferric chloride. Chemosphere, 2015, 130, 90-97.	4.2	39
193	Explore the forward osmosis performance using hydrolyzed polyacrylamide as draw solute for dye wastewater reclamation in the long-term process. Chemical Engineering Journal, 2015, 273, 316-324.	6.6	30
194	Integration of adsorption and direct bio-reduction of perchlorate on surface of cotton stalk based resin. Journal of Colloid and Interface Science, 2015, 459, 127-135.	5.0	22
195	Adsorption of Lead and Nickel Ions by Semi-interpenetrating Network Hydrogel Based on Wheat Straw Cellulose: Kinetics, Equilibrium, and Thermodynamics. Soft Materials, 2015, 13, 225-236.	0.8	14
196	Compound bioflocculant used as a coagulation aid in synthetic dye wastewater treatment: The effect of solution pH. Separation and Purification Technology, 2015, 154, 108-114.	3.9	28
197	Amine-Cross-Linked Lignin-Based Polymer: Modification, Characterization, and Flocculating Performance in Humic Acid Coagulation. ACS Sustainable Chemistry and Engineering, 2015, 3, 3253-3261.	3.2	28
198	Influence of Enteromorpha polysaccharides on variation of coagulation behavior, flocs properties and membrane fouling in coagulationâ€“ultrafiltration process. Journal of Hazardous Materials, 2015, 285, 294-303.	6.5	15

#	Article	IF	Citations
199	Polyelectrolyte-promoted forward osmosis process for dye wastewater treatment â€“ Exploring the feasibility of using polyacrylamide as draw solute. Chemical Engineering Journal, 2015, 264, 32-38.	6.6	68
200	Effects of chlorination operating conditions on trihalomethane formation potential in polyaluminum chloride-polymer coagulated effluent. Journal of Hazardous Materials, 2015, 285, 103-108.	6.5	10
201	Coagulation performance and membrane fouling of polyferric chloride/epichlorohydrinâ€“dimethylamine in coagulation/ultrafiltration combined process. Desalination, 2015, 357, 163-170.	4.0	10
202	Physicochemical characteristics of epichlorohydrin, pyridine and trimethylamine functionalized cotton stalk and its adsorption/desorption properties for perchlorate. Journal of Colloid and Interface Science, 2015, 440, 219-228.	5.0	23
203	Impacts of organic coagulant aid on purification performance and membrane fouling of coagulation/ultrafiltration hybrid process with different Al-based coagulants. Desalination, 2015, 363, 126-133.	4.0	42
204	Application of Fe0/C/Clay ceramics for decoloration of synthetic Acid Red 73 and Reactive Blue 4 wastewater by micro-electrolysis. Frontiers of Environmental Science and Engineering, 2015, 9, 402-410.	3.3	8
205	Coagulation performance and membrane fouling of different aluminum species during coagulation/ultrafiltration combined process. Chemical Engineering Journal, 2015, 262, 1161-1167.	6.6	67
206	Removal of trihalomethanes from reclaimed-water by original and modified nanoscale zero-valent iron: Characterization, kinetics and mechanism. Chemical Engineering Journal, 2015, 262, 1226-1236.	6.6	79
207	Preparation of ceramic filler from reusing sewage sludge and application in biological aerated filter for soy protein secondary wastewater treatment. Journal of Hazardous Materials, 2015, 283, 608-616.	6.5	59
208	Column adsorption of perchlorate by amine-crosslinked biopolymer based resin and its biological, chemical regeneration properties. Carbohydrate Polymers, 2015, 115, 432-438.	5.1	45
209	Optimization preparation of activated carbon fromEnteromorpha prolifrausing response surface methodology and its adsorption studies of fluoroquinolone antibiotics. Desalination and Water Treatment, 2015, 55, 624-636.	1.0	11
210	The application of activated carbon produced from waste printed circuit boards (PCBs) by H3PO4 and steam activation for the removal of malachite green. Chemical Engineering Journal, 2015, 260, 541-549.	6.6	72
211	Floc properties and membrane fouling of different monomer and polymer Fe coagulants in coagulationâ€“ultrafiltration process: The role of Fe (III) species. Chemical Engineering Journal, 2014, 258, 442-449.	6.6	43
212	Impacts of powdered activated carbon addition on trihalomethane formation reactivity of dissolved organic matter in membrane bioreactor effluent. Chemosphere, 2014, 117, 338-344.	4.2	10
213	Application for acrylonitrile wastewater treatment by new micro-electrolysis ceramic fillers. Desalination and Water Treatment, 2014, , 1-9.	1.0	9
214	Preparation and bloating mechanism of porous ultra-lightweight ceramsite by dehydrated sewage sludge and Yellow River sediments. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 1129-1135.	0.4	8
215	Effect of Si/Ti molar ratio on enhanced coagulation performance, floc properties and sludge reuse of a novel hybrid coagulant:polysilicate titanium sulfate. Desalination, 2014, 352, 150-157.	4.0	32
216	Effect of dose methods of a synthetic organic polymer and PFC on floc properties in dyeing wastewater coagulation process. Chemical Engineering Journal, 2014, 243, 169-175.	6.6	35

#	Article	IF	Citations
217	Effects of compound bioflocculant on coagulation performance and floc properties for dye removal. Bioresource Technology, 2014, 165, 116-121.	4.8	100
218	Effect of Fe (III) species in polyferric chloride on floc properties and membrane fouling in coagulationâ€“ultrafiltration process. Desalination, 2014, 335, 102-107.	4.0	20
219	Influence of different ion types and membrane orientations on the forward osmosis performance. Desalination, 2014, 344, 123-128.	4.0	28
220	Study of Enteromorpha polysaccharides as a new-style coagulant aid in dye wastewater treatment. Carbohydrate Polymers, 2014, 103, 179-186.	5.1	28
221	Adsorption of ammonium and phosphate by feather protein based semi-interpenetrating polymer networks hydrogel as a controlled-release fertilizer. Environmental Technology (United Kingdom), 2014, 35, 446-455.	1.2	18
222	Adsorption of Pb(II) from aqueous solution using keratin waste â€“ hide waste: Equilibrium, kinetic and thermodynamic modeling studies. Chemical Engineering Journal, 2014, 241, 393-400.	6.6	78
223	Characterization and swellingâ€“deswelling properties of wheat straw cellulose based semi-IPNs hydrogel. Carbohydrate Polymers, 2014, 107, 232-240.	5.1	59
224	Fabrication and characterization of poly(ferric chloride)-polyamine flocculant and its application to the decolorization of reactive dyes. Journal of Materials Science, 2014, 49, 4962-4972.	1.7	18
225	Enhanced adsorption of chromium onto activated carbon by microwave-assisted H3PO4 mixed with Fe/Al/Mn activation. Journal of Hazardous Materials, 2014, 265, 191-200.	6.5	103
226	The role of sodium alginate in improving floc size and strength and the subsequent effects on ultrafiltration membrane fouling. Environmental Technology (United Kingdom), 2014, 35, 10-17.	1.2	13
227	Porous structure and adsorptive properties of hide waste activated carbons prepared via potassium silicate activation. Journal of Analytical and Applied Pyrolysis, 2014, 109, 311-314.	2.6	11
228	Study on the Coupled Effect of Wave Absorption and Metal Discharge Generation under Microwave Irradiation. Industrial & Engineering Chemistry Research, 2014, 53, 2042-2051.	1.8	32
229	Compound bioflocculant and polyaluminum chloride in kaolin-humic acid coagulation: Factors influencing coagulation performance and floc characteristics. Bioresource Technology, 2014, 172, 8-15.	4.8	35
230	Water flux behavior of blended solutions of ammonium bicarbonate mixed with eight salts respectively as draw solutions in forward osmosis. Desalination, 2014, 353, 39-47.	4.0	12
231	Simple synthesis of hierarchical porous carbon from Enteromorpha prolifera by a self-template method for supercapacitor electrodes. Journal of Power Sources, 2014, 270, 403-410.	4.0	123
232	Physicochemical and adsorptive properties of activated carbons from Arundo donax Linn utilizing different iron salts as activating agents. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 3007-3015.	2.7	53
233	Preparation of activated carbon derived from leather waste by H₃PO₄activation and its application for basic fuchsin adsorption. Desalination and Water Treatment, 2014, 52, 2440-2449.	1.0	25
234	Influences of dissolved organic matter characteristics on trihalomethanes formation during chlorine disinfection of membrane bioreactor effluents. Bioresource Technology, 2014, 165, 81-87.	4.8	41

#	Article	IF	Citations
235	Effects of sludge retention times on reactivity of effluent dissolved organic matter for trihalomethane formation in hybrid powdered activated carbon membrane bioreactors. Bioresource Technology, 2014, 166, 381-388.	4.8	23
236	Effect of Enteromorpha polysaccharides on coagulation performance and kinetics for dye removal. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 456, 253-260.	2.3	24
237	Performance of activated carbon/nanoscale zero-valent iron for removal of trihalomethanes (THMs) at infinitesimal concentration in drinking water. Chemical Engineering Journal, 2014, 253, 63-72.	6.6	73
238	Synthesis and swelling behaviors of semiâ€IPNs superabsorbent resin based on chicken feather protein. Journal of Applied Polymer Science, 2014, 131, .	1.3	15
239	Preparation, characterization and evaluation of adsorptive properties of leather waste based activated carbon via physical and chemical activation. Chemical Engineering Journal, 2013, 221, 62-71.	6.6	94
240	Preparation of highly developed mesoporous activated carbon by H4P2O7 activation and its adsorption behavior for oxytetracycline. Powder Technology, 2013, 249, 54-62.	2.1	46
241	Application and advantages of novel clay ceramic particles (CCPs) in an up-flow anaerobic bio-filter (UAF) for wastewater treatment. Bioresource Technology, 2013, 137, 171-178.	4.8	22
242	Floc characterization and membrane fouling of polyferricâ€“polymer dual/composite coagulants in coagulation/ultrafiltration hybrid process. Journal of Colloid and Interface Science, 2013, 412, 39-45.	5.0	26
243	Determination of active ingredients of a new coagulant aid-Enteromorpha by floc characteristics on-line monitoring in Yellow River water treatment. Chemical Engineering Journal, 2013, 232, 310-318.	6.6	6
244	Flocculation kinetics and floc characteristics of dye wastewater by polyferric chlorideâ€“poly-epichlorohydrinâ€“dimethylamine composite flocculant. Separation and Purification Technology, 2013, 118, 583-590.	3.9	40
245	Advanced lignin-acrylamide water treatment agent by pulp and paper industrial sludge: Synthesis, properties and application. Journal of Environmental Sciences, 2013, 25, 2367-2377.	3.2	44
246	Preparation and characterization of activated carbon from leather waste microwave-induced pyrophosphoric acid activation. Journal of Analytical and Applied Pyrolysis, 2013, 104, 710-713.	2.6	29
247	Preparation, characterization and application of lignin-based activated carbon from black liquor lignin by steam activation. Chemical Engineering Journal, 2013, 228, 1074-1082.	6.6	223
248	Adsorption of hexavalent chromium on Arundo donax Linn activated carbon amine-crosslinked copolymer. Chemical Engineering Journal, 2013, 217, 240-247.	6.6	84
249	Study on emulsification stability of wastewater produced by polymer flooding. Journal of Petroleum Science and Engineering, 2013, 110, 27-31.	2.1	33
250	Characteristics of Amine Surfactant Modified Peanut Shell and Its Sorption Property for Cr(VI). Chinese Journal of Chemical Engineering, 2013, 21, 1260-1268.	1.7	28
251	Comparisons of porous, surface chemistry and adsorption properties of carbon derived from Enteromorpha prolifera activated by H4P2O7 and KOH. Chemical Engineering Journal, 2013, 232, 582-590.	6.6	90
252	Reduction of organic matter and trihalomethane formation potential in reclaimed water from treated municipal wastewater by coagulation and adsorption. Chemical Engineering Journal, 2013, 223, 696-703.	6.6	38

#	Article	IF	Citations
253	Effect of dosing sequence and raw water pH on coagulation performance and flocs properties using dual-coagulation of polyaluminum chloride and compound bioflocculant in low temperature surface water treatment. Chemical Engineering Journal, 2013, 229, 477-483.	6.6	28
254	Nitrate adsorption by stratified wheat straw resin in lab-scale columns. Chemical Engineering Journal, 2013, 226, 1-6.	6.6	82
255	Preparation of high surface area-activated carbon from lignin of papermaking black liquor by KOH activation for Ni(II) adsorption. Chemical Engineering Journal, 2013, 217, 345-353.	6.6	172
256	Characterization of size, strength and structure of aluminum-polymer dual-coagulant flocs under different pH and hydraulic conditions. Journal of Hazardous Materials, 2013, 252-253, 330-337.	6.5	58
257	Relationship between residual Al species, floc operational parameters and coagulation performance during reservoir water treatment by PACâ€“PDMDAAC. Separation and Purification Technology, 2013, 102, 147-156.	3.9	16
258	Study and application of biological-aerated filter (BAF) in soybean protein advanced wastewater treatment. Desalination and Water Treatment, 2013, 51, 3248-3256.	1.0	6
259	Adsorption of Cd(II) on lotus stalks-derived activated carbon: batch and column studies. Desalination and Water Treatment, 2012, 41, 122-130.	1.0	19
260	Synthesis and application of polyferric chlorideâ€“poly (epichlorohydrinâ€“dimethylamine) composites using different crosslinkers. Chemical Engineering Journal, 2012, 213, 8-15.	6.6	12
261	UASB-A/O-BAF treatment of high strength wastewater: a case study for soybean protein wastewater. Desalination and Water Treatment, 2012, 47, 24-30.	1.0	5
262	Coagulation performance and floc characteristics of aluminum sulfate using sodium alginate as coagulant aid for synthetic dying wastewater treatment. Separation and Purification Technology, 2012, 95, 180-187.	3.9	71
263	The effect of additional poly-diallyl dimethyl ammonium-chloride on the speciation distribution of residual aluminum (Al) in a low DOC and high alkalinity reservoir water treatment. Chemical Engineering Journal, 2012, 197, 56-66.	6.6	9
264	Preparation and characterization of Î²-FeOOH-coated sand and its adsorption of Cr(VI) from aqueous solutions. Frontiers of Environmental Science and Engineering, 2012, 6, 455-462.	3.3	16
265	Phosphorus release potential and pollution characteristics of sediment in downstream Nansi Lake, China. Frontiers of Environmental Science and Engineering, 2012, 6, 162-170.	3.3	7
266	Synthesis and floc properties of polymeric ferric aluminum chlorideâ€“polydimethyl diallylammonium chloride coagulant in coagulating humic acidâ€“kaolin synthetic water. Chemical Engineering Journal, 2012, 185-186, 29-34.	6.6	47
267	Comparative study on characterization and adsorption properties of activated carbons with H3PO4 and H4P2O7 activation employing Cyperus alternifolius as precursor. Chemical Engineering Journal, 2012, 181-182, 790-797.	6.6	69
268	Influences of polysilicic acid in Al13 species on floc properties and membrane fouling in coagulation/ultrafiltration hybrid process. Chemical Engineering Journal, 2012, 181-182, 407-415.	6.6	18
269	Bromate removal from aqueous solutions by nano crystalline akaganeite (Î²-FeOOH)-coated quartz sand (CACQS). Chemical Engineering Journal, 2012, 187, 63-68.	6.6	52
270	Comparison of activated carbons from Arundo donax Linn with H4P2O7 activation by conventional and microwave heating methods. Chemical Engineering Journal, 2012, 192, 308-314.	6.6	51

#	Article	IF	Citations
271	Preparation of activated carbon derived from cotton linter fibers by fused NaOH activation and its application for oxytetracycline (OTC) adsorption. Journal of Colloid and Interface Science, 2012, 368, 521-527.	5.0	107
272	Effect of dosing sequence and solution pH on floc properties of the compound bioflocculantâ€“aluminum sulfate dual-coagulant in kaolinâ€“humic acid solution treatment. Bioresource Technology, 2012, 113, 89-96.	4.8	48
273	Adsorption of hexavalent chromium from aqueous solution by modified corn stalk: A fixed-bed column study. Bioresource Technology, 2012, 113, 114-120.	4.8	403
274	Nitrate removal from aqueous solution by Arundo donax L. reed based anion exchange resin. Journal of Hazardous Materials, 2012, 203-204, 86-92.	6.5	70
275	Preparation and mechanism of the sintered bricks produced from Yellow River silt and red mud. Journal of Hazardous Materials, 2012, 203-204, 53-61.	6.5	77
276	Effect of second coagulant addition on coagulation efficiency, floc properties and residual Al for humic acid treatment by Al13 polymer and polyaluminum chloride (PACl). Journal of Hazardous Materials, 2012, 215-216, 129-137.	6.5	32
277	Properties and effect of forming sewage sludge into lightweight ceramics. Frontiers of Environmental Science and Engineering, 2012, 6, 117-124.	3.3	7
278	The impact of pH on floc structure characteristic of polyferric chloride in a low DOC and high alkalinity surface water treatment. Water Research, 2011, 45, 6181-6188.	5.3	79
279	Influence of floc size and structure on membrane fouling in coagulationâ€“ultrafiltration hybrid processâ€”The role of Al13 species. Journal of Hazardous Materials, 2011, 193, 249-256.	6.5	50
280	Preparation of ceramic-corrosion-cell fillers and application for cyclohexanone industry wastewater treatment in electrobath reactor. Journal of Hazardous Materials, 2011, 196, 139-144.	6.5	19
281	Properties improvement of paper mill sludge-based granular activated carbon fillers for fluidized-bed bioreactor by bentonite (Na) added and acid washing. Journal of Hazardous Materials, 2011, 197, 33-39.	6.5	14
282	Effect of pH and shear force on flocs characteristics for humic acid removal using polyferric aluminum chlorideâ€“organic polymer dual-coagulants. Desalination, 2011, 281, 243-247.	4.0	34
283	Coagulation performance and floc properties of compound bioflocculant-aluminum sulfate dual-coagulant in treating kaolin-humic acid solution. Chemical Engineering Journal, 2011, 173, 400-406.	6.6	35
284	Kinetics of dispersion polymerization of dimethyl diallyl ammonium chloride and acrylamide. Journal of Polymer Research, 2011, 18, 1067-1072.	1.2	18
285	Effect of aging period on the characteristics and coagulation behavior of polyferric chloride and polyferric chlorideâ€“polyamine composite coagulant for synthetic dying wastewater treatment. Journal of Hazardous Materials, 2011, 187, 413-420.	6.5	49
286	Effect of OHâ¯/Al3+ and Si/Al molar ratios on the coagulation performance and residual Al speciation during surface water treatment with poly-aluminum-silicate-chloride (PASiC). Journal of Hazardous Materials, 2011, 189, 203-210.	6.5	26
287	Preparation of ultra-lightweight sludge ceramics (ULSC) and application for pharmaceutical advanced wastewater treatment in a biological aerobic filter (BAF). Bioresource Technology, 2011, 102, 2296-2300.	4.8	42
288	Influence of velocity gradient on aluminum and iron floc property for NOM removal from low organic matter surfacewater by coagulation. Chemical Engineering Journal, 2011, 166, 116-121.	6.6	33

#	Article	IF	Citations
289	Dispersion copolymerization of acrylamide and dimethyl diallyl ammonium chloride in ethanolâ€water solution. Journal of Applied Polymer Science, 2011, 120, 1496-1502.	1.3	30
290	Removal of Cr(VI) from aqueous solution using modified corn stalks: Characteristic, equilibrium, kinetic and thermodynamic study. Chemical Engineering Journal, 2011, 168, 909-917.	6.6	185
291	Aluminum fractions in surface water from reservoirs by coagulation treatment with polyaluminum chloride (PAC): Influence of initial pH and OHâ^'/Al3+ ratio. Chemical Engineering Journal, 2011, 170, 107-113.	6.6	45
292	Comparative study on characterization of activated carbons prepared by microwave and conventional heating methods and application in removal of oxytetracycline (OTC). Chemical Engineering Journal, 2011, 171, 1446-1453.	6.6	192
293	Preparation and characteristics of anion exchanger from corn stalks. Desalination, 2011, 274, 113-119.	4.0	26
294	Equilibrium and a two-stage batch adsorber design for reactive or disperse dye removal to minimize adsorbent amount. Bioresource Technology, 2011, 102, 5290-5296.	4.8	35
295	Effect of pH on humic acid removal performance in coagulationâ€“ultrafiltration process and the subsequent effects on chlorine decay. Separation and Purification Technology, 2011, 80, 549-555.	3.9	24
296	Coagulation behavior of polyferric chloride for removing NOM from surface water with low concentration of organic matter and its effect on chlorine decay model. Separation and Purification Technology, 2010, 75, 61-68.	3.9	38
297	Preparation and mechanism of ultra-lightweight ceramics produced from sewage sludge. Journal of Hazardous Materials, 2010, 176, 76-84.	6.5	102
298	Adsorption kinetics and desorption of Cu(II) and Zn(II) from aqueous solution onto humic acid. Journal of Hazardous Materials, 2010, 178, 455-461.	6.5	166
299	Coagulation effect and floc properties of polyferric silicate sulphate and polyferric sulphate in the Yellow River water treatment. Science China Chemistry, 2010, 53, 664-670.	4.2	6
300	Adsorption studies of the removal of anions from aqueous solutions onto an adsorbent prepared from wheat straw. Science China Chemistry, 2010, 53, 1414-1419.	4.2	6
301	Equilibrium and kinetic adsorption study of the adsorptive removal of Cr(VI) using modified wheat residue. Journal of Colloid and Interface Science, 2010, 349, 256-264.	5.0	192
302	Research on the characteristics of red mud granular adsorbents (RMGA) for phosphate removal. Journal of Hazardous Materials, 2010, 176, 741-748.	6.5	88
303	Removal natural organic matter by coagulationâ€“adsorption and evaluating the serial effect through a chlorine decay model. Journal of Hazardous Materials, 2010, 183, 279-286.	6.5	28
304	Coagulation efficiency of polyaluminum chloride for natural organic matter removal from low specific UV absorbance surface water and the subsequent effects on chlorine decay. Chemical Engineering Journal, 2010, 161, 60-67.	6.6	13
305	Effect of dosing method and pH on color removal performance and floc aggregation of polyferric chlorideâ€“polyamine dual-coagulant in synthetic dyeing wastewater treatment. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 355, 121-129.	2.3	78
306	Effect of modifying agents on the preparation and properties of the new adsorbents from wheat straw. Bioresource Technology, 2010, 101, 1477-1481.	4.8	29

#	Article	IF	Citations
307	Preparation and Properties of Sewage Sludge Ceramic Pellets. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
308	Spatial distribution and pollution sources of heavy metals in sediments of Nansi Lake. , 2010, , .		0
309	Effect of shear force and solution pH on flocs breakage and re-growth formed by nano-Al13 polymer. Water Research, 2010, 44, 1893-1899.	5.3	99
310	Remediation of Diesel-contaminated Soil by Bioventing and Composting Technology. , 2010, , .		6
311	Adsorption of Cr (VI) from Aqueous Solution with nano B-FeOOH. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	1
312	Adsorption of phosphate from aqueous solutions onto modified wheat residue: Characteristics, kinetic and column studies. Colloids and Surfaces B: Biointerfaces, 2009, 70, 46-52.	2.5	94
313	Research on sludge-fly ash ceramic particles (SFCP) for synthetic and municipal wastewater treatment in biological aerated filter (BAF). Bioresource Technology, 2009, 100, 4955-4962.	4.8	33
314	The characteristics and application of sludge-fly ash ceramic particles (SFCP) as novel filter media. Journal of Hazardous Materials, 2009, 171, 809-814.	6.5	27
315	Effect of dosing method on color removal performance and flocculation dynamics of polyferric-organic polymer dual-coagulant in synthetic dyeing solution. Chemical Engineering Journal, 2009, 151, 176-182.	6.6	66
316	Effect of sludge-fly ash ceramic particles (SFCP) on synthetic wastewater treatment in an A/O combined biological aerated filter. Bioresource Technology, 2009, 100, 1149-1155.	4.8	60
317	The performance of biological anaerobic filters packed with sludge-fly ash ceramic particles (SFCP) and commercial ceramic particles (CCP) during the restart period: Effect of the C/N ratios and filter media. Bioresource Technology, 2009, 100, 5016-5020.	4.8	19
318	Comparison of coagulation behavior and floc structure characteristic of different polyferric-cationic polymer dual-coagulants in humic acid solution. Water Research, 2009, 43, 724-732.	5.3	177
319	Investigation of dynamic processing on aluminum floc aggregation: Cyclic shearing recovery and effect of sulfate ion. Science in China Series B: Chemistry, 2008, 51, 386-392.	0.8	5
320	Adsorption of reactive brilliant red K-2BP on activated carbon developed from sewage sludge. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2008, 3, 33-40.	0.4	4
321	Influence of extracellular polymeric substances on microbial activity and cell hydrophobicity in biofilms. Journal of Chemical Technology and Biotechnology, 2008, 83, 227-232.	1.6	45
322	The characterization and flocculation efficiency of composite flocculant iron saltsâ€“polydimethyldiallylammonium chloride. Chemical Engineering Journal, 2008, 142, 175-181.	6.6	74
323	Residual color profiles of reactive dyes mixture during a chemical flocculation process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 299, 45-53.	2.3	22
324	Separating method and dynamic processes of Nano-Al13. Frontiers of Environmental Science and Engineering in China, 2007, 1, 368-373.	0.8	0

#	Article	IF	Citations
325	Characterization and separation of Al13 species using gel-filtration chromatography. Science in China Series B: Chemistry, 2006, , .	0.8	2
326	Al-Ferron kinetics and quantitative calculation of Al(III) species in polyaluminum chloride coagulants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 278, 235-240.	2.3	61
327	Characterization and separation of Al13 species using gel-filtration chromatography. Science in China Series B: Chemistry, 2006, 49, 326-331.	0.8	5
328	Effect of ratio and OHâˆ’/Al3+ value on the characterization of coagulant poly-aluminum-chloride-sulfate (PACS) and its coagulation performance in water treatment. Chemosphere, 2005, 61, 579-584.	4.2	51
329	Coagulation Efficiency and Residual Aluminum Content of Polyaluminum Silicate Chloride in Water Treatment. Clean - Soil, Air, Water, 2004, 32, 125-130.	0.8	17