

# Qinyan Yue

## List of Publications by Year in descending order

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329  
papers

15,188  
citations

19657

61  
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34986

98  
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331  
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331  
docs citations

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times ranked

11821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of chloramphenicol by sulfide-modified nanoscale zero-valent iron activated persulfate: Performance, salt resistance, and reaction mechanisms. <i>Chemosphere</i> , 2022, 286, 131876.	8.2	36
2	Low-temperature carbonization synthesis of carbon-based super-hydrophobic foam for efficient multi-state oil/water separation. <i>Journal of Hazardous Materials</i> , 2022, 423, 127064.	12.4	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. <i>Journal of Hazardous Materials</i> , 2022, 424, 127203.	12.4	21
4	Insights into selective adsorption mechanism of copper and zinc ions onto biogas residue-based adsorbent: Theoretical calculation and electronegativity difference. <i>Science of the Total Environment</i> , 2022, 805, 150413.	8.0	30
5	Enhanced removal of phosphate using pomegranate peel-modified nickel-lanthanum hydroxide. <i>Science of the Total Environment</i> , 2022, 809, 151181.	8.0	15
6	A new UV source activates ozone for water treatment: Wavelength-dependent ultraviolet light-emitting diode (UV-LED). <i>Separation and Purification Technology</i> , 2022, 280, 119934.	7.9	11
7	Catalytic ozonation performance and mechanism of Mn-CeO <sub>x</sub> @ <sup>β</sup> -Al <sub>2</sub> O <sub>3</sub> /O <sub>3</sub> in the treatment of sulfate-containing hypersaline antibiotic wastewater. <i>Science of the Total Environment</i> , 2022, 807, 150867.	8.0	35
8	The interactions between Al (III) and Ti (IV) in the composite coagulant polyaluminum-titanium chloride. <i>Separation and Purification Technology</i> , 2022, 282, 120148.	7.9	13
9	Manipulating a vertical temperature-gradient of Fe@Enteromorpha/graphene aerogel to enhanced solar evaporation and sterilization. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3750-3759.	10.3	20
10	Fabrication of superhydrophobic Enteromorpha-derived carbon aerogels via NH <sub>4</sub> H <sub>2</sub> PO <sub>4</sub> modification for multi-behavioral oil/water separation. <i>Science of the Total Environment</i> , 2022, 837, 155869.	8.0	14
11	Phytic acid and graphene oxide functionalized sponge with special-wettability and electronegativity for oil-in-water emulsion separation in single-step. <i>Journal of Hazardous Materials</i> , 2022, 435, 129003.	12.4	21
12	Tubular polypyrrole enhanced elastomeric biomass foam as a portable interfacial evaporator for efficient self-desalination. <i>Chemical Engineering Journal</i> , 2022, 445, 136701.	12.7	20
13	Coagulation behavior of polyaluminum-titanium chloride composite coagulant with humic acid: A mechanism analysis. <i>Water Research</i> , 2022, 220, 118633.	11.3	27
14	Boosting fenton-like reaction by reconstructed single Fe atom catalyst for oxidizing organics: Synergistic effect of conjugated $\pi$ - $\pi$ sp <sup>2</sup> structured carbon and isolated Fe-N <sub>4</sub> sites. <i>Chemical Engineering Journal</i> , 2022, 446, 137120.	12.7	45
15	In-situ recycling strategy for co-treatment of antimony-rich sludge char and leachate: Pilot-scale application in an engineering case. <i>Chemical Engineering Journal</i> , 2022, 446, 137315.	12.7	5
16	Visible-Light Photocatalytic Chlorite Activation Mediated by Oxygen Vacancy Abundant Nd-Doped BiVO <sub>4</sub> for Efficient Chlorine Dioxide Generation and Pollutant Degradation. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 31920-31932.	8.0	12
17	Unveiling the Origins of Selective Oxidation in Single-Atom Catalysis via Co <sup>IV</sup> -C Intensified Radical and Nonradical Pathways. <i>Environmental Science &amp; Technology</i> , 2022, 56, 11635-11645.	10.0	159
18	Highly efficient Al-Ti gel as a coagulant for surface water treatment: Insights into the hydrolysate transformation and coagulation mechanism. <i>Water Research</i> , 2022, 221, 118826.	11.3	20

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19	Magnetic field-enhanced radical intensity for accelerating norfloxacin degradation under FeCu/rGO photo-Fenton catalysis. <i>Chemical Engineering Journal</i> , 2021, 420, 127634.	12.7	22
20	Flocculation performance of papermaking sludge-based flocculants in different dye wastewater treatment: Comparison with commercial lignin and coagulants. <i>Chemosphere</i> , 2021, 262, 128416.	8.2	68
21	Green synthesis of Cu nanoparticles supported on straw-graphene composite for catalytic reduction of p-nitrophenol. <i>Journal of Cleaner Production</i> , 2021, 283, 124578.	9.3	38
22	Degradation of organic pollutants by ultraviolet/ozone in high salinity condition: Non-radical pathway dominated by singlet oxygen. <i>Chemosphere</i> , 2021, 268, 128796.	8.2	32
23	Enhanced photodegradation of sulfadimidine via PAA/g-C <sub>3</sub> N <sub>4</sub> -FeO polymeric catalysts under visible light. <i>Chemical Engineering Journal</i> , 2021, 413, 127456.	12.7	20
24	A tunable amphiphilic Enteromorpha-modified graphene aerogel for oil/water separation. <i>Science of the Total Environment</i> , 2021, 763, 142958.	8.0	47
25	Flocculation behaviors of a novel papermaking sludge-based flocculant in practical printing and dyeing wastewater treatment. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	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. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11604-11613.	10.3	85
27	Fertilizer drawn forward osmosis as an alternative to 2nd pass seawater reverse osmosis: Estimation of boron removal and energy consumption. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	7
28	In-situ synthesis of CuS@carbon nanocomposites and application in enhanced photo-fenton degradation of 2,4-DCP. <i>Chemosphere</i> , 2021, 270, 129295.	8.2	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. <i>Science of the Total Environment</i> , 2021, 774, 145751.	8.0	11
30	Fabrication of graphitic carbon nitride functionalized P@CoFe <sub>2</sub> O <sub>4</sub> for the removal of tetracycline under visible light: Optimization, degradation pathways and mechanism evaluation. <i>Chemosphere</i> , 2021, 274, 129783.	8.2	38
31	Recycling exhausted magnetic biochar with adsorbed Cu <sup>2+</sup> 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
32	Versatile 3D reduced graphene oxide/poly(amino-phosphonic acid) aerogel derived from waste acrylic fibers as an efficient adsorbent for water purification. <i>Science of the Total Environment</i> , 2021, 776, 145973.	8.0	19
33	Preparation of a rice straw-based green separation layer for efficient and persistent oil-in-water emulsion separation. <i>Journal of Hazardous Materials</i> , 2021, 415, 125594.	12.4	52
34	The application of UV/O <sub>3</sub> process on ciprofloxacin wastewater containing high salinity: Performance and its degradation mechanism. <i>Chemosphere</i> , 2021, 276, 130220.	8.2	42
35	A dual-functional layer modified GO@SiO <sub>2</sub> membrane with excellent anti-fouling performance for continuous separation of oil-in-water emulsion. <i>Journal of Hazardous Materials</i> , 2021, 420, 126681.	12.4	29
36	Synergistic adjustment of water channels and light absorption pathways to co-generate salt collection and clean water production. <i>Science of the Total Environment</i> , 2021, 797, 148912.	8.0	9

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37	Coagulation-ultrafiltration integrated process for membrane fouling control: Influence of Al species and SUVA values of water. <i>Science of the Total Environment</i> , 2021, 793, 148517.	8.0	18
38	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
39	Characterization and influence of floc under different coagulation systems on ultrafiltration membrane fouling. <i>Chemosphere</i> , 2020, 238, 124659.	8.2	37
40	One-step synthesis of "nuclear-shell" structure iron-carbon nanocomposite as a persulfate activator for bisphenol A degradation. <i>Chemical Engineering Journal</i> , 2020, 382, 122780.	12.7	77
41	Molecularly imprinted carbon nanosheets supported TiO <sub>2</sub> : Strong selectivity and synergic adsorption-photocatalysis for antibiotics removal. <i>Journal of Hazardous Materials</i> , 2020, 383, 121211.	12.4	99
42	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
43	Synchronous removal of CuO nanoparticles and Cu <sup>2+</sup> by polyaluminum chloride-Enteromorpha polysaccharides: Effect of Al species and pH. <i>Journal of Environmental Sciences</i> , 2020, 88, 1-11.	6.1	12
44	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
45	Degradation of chlortetracycline with simultaneous removal of copper (II) from aqueous solution using wheat straw-supported nanoscale zero-valent iron. <i>Chemical Engineering Journal</i> , 2020, 379, 122384.	12.7	87
46	Effects of green synthesis, magnetization, and regeneration on ciprofloxacin removal by bimetallic nZVI/Cu composites and insights of degradation mechanism. <i>Journal of Hazardous Materials</i> , 2020, 382, 121008.	12.4	59
47	Preparation and application of novel blast furnace dust based catalytic-ceramic-filler in electrolysis assisted catalytic micro-electrolysis system for ciprofloxacin wastewater treatment. <i>Journal of Hazardous Materials</i> , 2020, 383, 121215.	12.4	37
48	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
49	Performance optimization of CdS precipitated graphene oxide/polyacrylic acid composite for efficient photodegradation of chlortetracycline. <i>Journal of Hazardous Materials</i> , 2020, 388, 121780.	12.4	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. <i>Chemosphere</i> , 2020, 243, 125391.	8.2	22
51	Self-floating maize straw/graphene aerogel synthesis based on microbubble and ice crystal templates for efficient solar-driven interfacial water evaporation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24734-24742.	10.3	48
52	Synthesis, characterization and flocculation performance of a novel sodium alginate-based flocculant. <i>Carbohydrate Polymers</i> , 2020, 248, 116790.	10.2	35
53	Insight into activated carbon from different kinds of chemical activating agents: A review. <i>Science of the Total Environment</i> , 2020, 746, 141094.	8.0	278
54	Graphitic carbon nitride (g-C <sub>3</sub> N <sub>4</sub> )-based membranes for advanced separation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19133-19155.	10.3	99

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55	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
56	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
57	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
58	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
59	The obvious advantage of amino-functionalized metal-organic frameworks: As a persulfate activator for bisphenol F degradation. <i>Science of the Total Environment</i> , 2020, 741, 140464.	8.0	43
60	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
61	Impacts of composite flocculant in coagulation/ultrafiltration hybrid process for treatment of humic acid water: the role of basicity. <i>Environmental Technology (United Kingdom)</i> , 2020, 42, 1-14.	2.2	0
62	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
63	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
64	Effective blockage of chloride ion quenching and chlorinated by-product generation in photocatalytic wastewater treatment. <i>Journal of Hazardous Materials</i> , 2020, 396, 122670.	12.4	31
65	Municipal wastewater treatment by forward osmosis using seawater concentrate as draw solution. <i>Chemosphere</i> , 2019, 237, 124485.	8.2	36
66	Synchronous synthesis of Cu <sub>2</sub> O/Cu/rGO@carbon nanomaterials photocatalysts via the sodium alginate hydrogel template method for visible light photocatalytic degradation. <i>Science of the Total Environment</i> , 2019, 693, 133657.	8.0	39
67	Alleviating membrane fouling of modified polysulfone membrane via coagulation pretreatment/ultrafiltration hybrid process. <i>Chemosphere</i> , 2019, 235, 58-69.	8.2	37
68	Co-effects of epichlorohydrin-dimethylamine and polyferric on humic acid elimination and membrane resistance in hybrid process. <i>Journal of Cleaner Production</i> , 2019, 235, 767-778.	9.3	8
69	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
70	PAC-PDMAAC pretreatment of typical natural organic matter mixtures: Ultrafiltration membrane fouling control and mechanisms. <i>Science of the Total Environment</i> , 2019, 694, 133816.	8.0	31
71	The application of forward osmosis for simulated surface water treatment by using trisodium citrate as draw solute. <i>Environmental Science and Pollution Research</i> , 2019, 26, 8585-8593.	5.3	4
72	Grass-modified graphene aerogel for effective oil-water separation. <i>Chemical Engineering Research and Design</i> , 2019, 129, 119-129.	5.6	35

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73	Removal of sulfamethoxazole from water via activation of persulfate by Fe <sub>3</sub> C@NCNTs including mechanism of radical and nonradical process. <i>Chemical Engineering Journal</i> , 2019, 375, 122004.	12.7	244
74	Magnetic hydrogel derived from wheat straw cellulose/feather protein in ionic liquids as copper nanoparticles carrier for catalytic reduction. <i>Carbohydrate Polymers</i> , 2019, 220, 202-210.	10.2	36
75	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
76	The combination of coagulation and ozonation as a pre-treatment of ultrafiltration in water treatment. <i>Chemosphere</i> , 2019, 231, 349-356.	8.2	45
77	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
78	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
79	The Combination of Coagulation and Adsorption for Controlling Ultra-Filtration Membrane Fouling in Water Treatment. <i>Water (Switzerland)</i> , 2019, 11, 90.	2.7	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. <i>Applied Catalysis B: Environmental</i> , 2019, 250, 382-395.	20.2	418
81	Adsorption of Cd <sup>2+</sup> on GO/PAA hydrogel and preliminary recycle to GO/PAA-CdS as efficient photocatalyst. <i>Science of the Total Environment</i> , 2019, 668, 1165-1174.	8.0	75
82	Fe/Mn nanoparticles encapsulated in nitrogen-doped carbon nanotubes as a peroxymonosulfate activator for acetamiprid degradation. <i>Environmental Science: Nano</i> , 2019, 6, 1799-1811.	4.3	197
83	Multivariate optimization of ciprofloxacin removal by polyvinylpyrrolidone stabilized NZVI/Cu bimetallic particles. <i>Chemical Engineering Journal</i> , 2019, 365, 183-192.	12.7	51
84	Application of composite flocculants for removing organic matter and mitigating ultrafiltration membrane fouling in surface water treatment: the role of composite ratio. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 2242-2250.	2.4	4
85	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
86	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
87	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
88	Utilization of ferric groundwater treatment residuals for inorganic-organic hybrid biosorbent preparation and its use for vanadium removal. <i>Chemical Engineering Journal</i> , 2019, 361, 680-689.	12.7	48
89	Application of Al species in coagulation/ultrafiltration process: Influence of cake layer on membrane fouling. <i>Journal of Membrane Science</i> , 2019, 572, 161-170.	8.2	63
90	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

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91	Cerium oxide doped nanocomposite membranes for reverse osmosis desalination. <i>Chemosphere</i> , 2019, 218, 974-983.	8.2	46
92	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
93	A biodegradable biomass-based polymeric composite for slow release and water retention. <i>Journal of Environmental Management</i> , 2019, 230, 190-198.	7.8	65
94	Characterization of dissolved organic matter and membrane fouling in coagulation-ultrafiltration process treating micro-polluted surface water. <i>Journal of Environmental Sciences</i> , 2019, 75, 318-324.	6.1	29
95	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
96	Optimization of coagulation pre-treatment for alleviating ultrafiltration membrane fouling: The role of floc properties on Al species. <i>Chemosphere</i> , 2018, 200, 86-92.	8.2	48
97	Application of enteromorpha polysaccharides as coagulant aid in the simultaneous removal of CuO nanoparticles and Cu <sup>2+</sup> : Effect of humic acid concentration. <i>Chemosphere</i> , 2018, 204, 492-500.	8.2	21
98	Facile one-step synthesis of functionalized biochar from sustainable prolifera-green-tide source for enhanced adsorption of copper ions. <i>Journal of Environmental Sciences</i> , 2018, 73, 185-194.	6.1	18
99	Application and mechanism of polysaccharide extracted from Enteromorpha to remove nano-ZnO and humic acid in coagulation process. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	6.0	9
100	Coagulation behavior of kaolin-anionic surfactant simulative wastewater by polyaluminum chloride-polymer dual coagulants. <i>Environmental Science and Pollution Research</i> , 2018, 25, 7382-7390.	5.3	25
101	Preparation of wheat straw-supported Nanoscale Zero-Valent Iron and its removal performance on ciprofloxacin. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 100-107.	6.0	36
102	Immobilization of nanoscale zero-valent iron particles (nZVI) with synthesized activated carbon for the adsorption and degradation of Chloramphenicol (CAP). <i>Journal of Molecular Liquids</i> , 2018, 262, 19-28.	4.9	62
103	Facile synthesis of hierarchical porous carbon material by potassium tartrate activation for chloramphenicol removal. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 85, 141-148.	5.3	22
104	Adsorption behavior of Ni(II) onto activated carbons from hide waste and high-pressure steaming hide waste. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 294-300.	6.0	32
105	rGO/CNTs Supported Pyrolysis Derivatives of [Mo <sub>3</sub> S <sub>13</sub> ] <sup>2-</sup> Clusters as Promising Electrocatalysts for Enhancing Hydrogen Evolution Performances. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6920-6931.	6.7	17
106	Pre-treatment of pyridine wastewater by new cathodic-anodic-electrolysis packing. <i>Journal of Environmental Sciences</i> , 2018, 63, 43-49.	6.1	12
107	Performance of bimetallic nanoscale zero-valent iron particles for removal of oxytetracycline. <i>Journal of Environmental Sciences</i> , 2018, 69, 173-182.	6.1	57
108	Effects of Cu and CuO on the preparation of activated carbon from waste circuit boards by H <sub>3</sub> PO <sub>4</sub> activation. <i>Chemical Engineering Journal</i> , 2018, 331, 93-101.	12.7	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. <i>Journal of Hazardous Materials</i> , 2018, 342, 705-714.	12.4	83
110	Flocculation performance of lignin-based flocculant during reactive blue dye removal: comparison with commercial flocculants. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2083-2095.	5.3	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. <i>Chemosphere</i> , 2018, 193, 645-654.	8.2	62
112	Application for oxytetracycline wastewater pretreatment by Fe-C-Ni catalytic cathodic-anodic-electrolysis granular fillers from rare-earth tailings. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 641-647.	6.0	8
113	Preparation and catalytic activity of wheat straw cellulose based hydrogel-nanometal composites for hydrogen generation from NaBH <sub>4</sub> hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9978-9987.	7.1	30
114	Magnetic graphene oxide functionalized by poly dimethyl diallyl ammonium chloride for efficient removal of Cr(VI). <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 91, 499-506.	5.3	34
115	Design and fabrication of a triple-responsive chitosan-based hydrogel with excellent mechanical properties for controlled drug delivery. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	24
116	Removal of tridecane dicarboxylic acid in water by nanoscale FeO/CuO bimetallic composites. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 219-225.	6.0	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. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 91, 235-242.	5.3	16
118	Research on adsorption of Cr(VI) by Poly-epichlorohydrin-dimethylamine (EPIDMA) modified weakly basic anion exchange resin D301. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 467-473.	6.0	46
119	Removal of copper ions from aqueous solutions by adsorption onto wheat straw cellulose based polymeric composites. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46680.	2.6	30
120	Simultaneous removal of nano-ZnO and Zn <sup>2+</sup> based on transportation character of nano-ZnO by coagulation: Enteromorpha polysaccharide compound polyaluminum chloride. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5179-5188.	5.3	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. <i>Chemosphere</i> , 2017, 173, 288-298.	8.2	38
122	Effects of papermaking sludge-based polymer on coagulation behavior in the disperse and reactive dyes wastewater treatment. <i>Bioresource Technology</i> , 2017, 240, 59-67.	9.6	56
123	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
124	Application of FeCl <sub>3</sub> to Adjust Urban Sewage-Dewatered Sludge (UDSS) Containing Cationic Polyacrylamide (CPAM) for Further Dewatering. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	9
125	Exploration of polyepoxysuccinic acid as a novel draw solution in the forward osmosis process. <i>RSC Advances</i> , 2017, 7, 30687-30698.	3.6	29
126	A wheat straw cellulose based semi-IPN hydrogel reactor for metal nanoparticles preparation and catalytic reduction of 4-nitrophenol. <i>RSC Advances</i> , 2017, 7, 17599-17611.	3.6	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.	7.1	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.	5.3	9
129	3D hierarchical golden wattle-like TiO <sub>2</sub> microspheres: polar acetone-based solvothermal synthesis and enhanced water purification performance. CrystEngComm, 2017, 19, 2187-2194.	2.6	21
130	The study of Na <sub>2</sub> SiO <sub>3</sub> as conditioner used to deep dewater the urban sewage dewatered sludge by filter press. Separation and Purification Technology, 2017, 174, 331-337.	7.9	25
131	Preparation and characterization of activated carbons from waste tea by H <sub>3</sub> PO <sub>4</sub> activation in different atmospheres for oxytetracycline removal. Journal of the Taiwan Institute of Chemical Engineers, 2017, 71, 494-500.	5.3	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.	5.3	35
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254	Nitrate adsorption by stratified wheat straw resin in lab-scale columns. <i>Chemical Engineering Journal</i> , 2013, 226, 1-6.	12.7	82
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