Kangying Guo

List of Publications by Year
in descending order

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291	11,950	36691 53	51423 90
papers	citations	h-index	g-index

293	293	293	10269
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon-based single atom catalyst: Synthesis, characterization, DFT calculations. Chinese Chemical Letters, 2022, 33, 663-673.	4.8	126
2	Enhanced degradation of bisphenol F in a porphyrin-MOF based visible-light system under high salinity conditions. Chemical Engineering Journal, 2022, 428, 132106.	6.6	21
3	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
4	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
5	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
6	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
7	Enhanced removal of phosphate using pomegranate peel-modified nickelâ€'lanthanum hydroxide. Science of the Total Environment, 2022, 809, 151181.	3.9	15
8	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
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	Mechanisms of Escherichia coli inactivation during solar-driven photothermal disinfection. Environmental Science: Nano, 2022, 9, 1000-1010.	2.2	6
11	How multi-walled carbon nanotubes in wastewater influence the fate of coexisting antibiotic resistant genes in the subsequent disinfection process. Chemosphere, 2022, 302, 134641.	4.2	3
12	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
13	Biomass hydrogels combined with carbon nanotubes for water purification via efficient and continuous solar-driven steam generation. Science of the Total Environment, 2022, 837, 155757.	3.9	26
14	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
15	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
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	Triple-layered thin film nanocomposite membrane toward enhanced forward osmosis performance. Journal of Membrane Science, 2021, 620, 118879.	4.1	24

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19	Co3O4 anchored in N, S heteroatom co-doped porous carbons for degradation of organic contaminant: role of pyridinic N-Co binding and high tolerance of chloride. Applied Catalysis B: Environmental, 2021, 282, 119484.	10.8	305
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	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
22	Proteomic mechanisms for the combined stimulatory effects of glyphosate and antibiotic contaminants on Microcystis aeruginosa. Chemosphere, 2021, 267, 129244.	4.2	15
23	The co-effect of ampicillin and multi-walled carbon nanotubes on activated sludge in sequencing batch reactors: microbial status, microbial community structure and ARGs propagation. Environmental Science: Nano, 2021, 8, 204-216.	2.2	6
24	The distribution of dissimilatory nitrate reduction to ammonium bacteria in multistage constructed wetland of Jining, Shandong, China. Environmental Science and Pollution Research, 2021, 28, 4749-4761.	2.7	15
25	A tunable amphiphilic Enteromorpha-modified graphene aerogel for oil/water separation. Science of the Total Environment, 2021, 763, 142958.	3.9	47
26	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
27	Single-atom catalysis in advanced oxidation processes for environmental remediation. Chemical Society Reviews, 2021, 50, 5281-5322.	18.7	502
28	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
29	Formation of disinfection by-products during sodium hypochlorite cleaning of fouled membranes from membrane bioreactors. Frontiers of Environmental Science and Engineering, 2021, 15, 102.	3.3	22
30	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
31	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
32	In-situ synthesis of manganese oxideâ€‘carbon nanocomposite and its application in activating persulfate for bisphenol F degradation. Science of the Total Environment, 2021, 772, 144953.	3.9	32
33	Engineered carbon supported single iron atom sites and iron clusters from Fe-rich Enteromorpha for Fenton-like reactions via nonradical pathways. Applied Catalysis B: Environmental, 2021, 287, 119963.	10.8	271
34	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
35	The role of natural organic matter in the silver release from sludge generated from coagulation of wastewater spiked with silver nanoparticles. NanoImpact, 2021, 23, 100347.	2.4	4
36	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

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37	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
38	The application of UV/O3 process on ciprofloxacin wastewater containing high salinity: Performance and its degradation mechanism. Chemosphere, 2021, 276, 130220.	4.2	42
39	Surface Modification of Reverse Osmosis Membranes for Enhanced Boron Removal and Fouling Resistance. ACS ES&T Water, 2021, 1, 2284-2292.	2.3	16
40	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
41	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
42	Speciation, controlling steps and pathways of silver release from the sludge generated from coagulation of wastewater spiked with silver nanoparticles. Chemosphere, 2021, 282, 131093.	4.2	3
43	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
44	Evaluation of practical application potential of a photocatalyst: Ultimate apparent photocatalytic activity. Chemosphere, 2021, 285, 131323.	4.2	12
45	Effect of phosphate on peroxymonosulfate activation: Accelerating generation of sulfate radical and underlying mechanism. Applied Catalysis B: Environmental, 2021, 298, 120532.	10.8	172
46	Activation of peroxymonosulfate via mediated electron transfer mechanism on single-atom Fe catalyst for effective organic pollutants removal. Applied Catalysis B: Environmental, 2021, 299, 120714.	10.8	173
47	Characterization and influence of floc under different coagulation systems on ultrafiltration membrane fouling. Chemosphere, 2020, 238, 124659.	4.2	37
48	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
49	Thermal stability of poly(diallyldimethylammonium chloride) with different molecular weight. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 83-90.	1.2	3
50	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
51	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
52	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
53	Biofouling mitigation effect of thin film nanocomposite membranes immobilized with laponite mediated metal ions. Desalination, 2020, 473, 114162.	4.0	19
54	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

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55	Proteomic mechanisms for the stimulatory effects of antibiotics on Microcystis aeruginosa during hydrogen peroxide treatment. Chemosphere, 2020, 247, 125837.	4.2	14
56	Antibiotics promoted the recovery of Microcystis aeruginosa after UV-B radiation at cellular and proteomic levels. Ecotoxicology and Environmental Safety, 2020, 190, 110080.	2.9	6
57	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
58	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
59	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
60	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
61	Synthesis, characterization and flocculation performance of a novel sodium alginate-based flocculant. Carbohydrate Polymers, 2020, 248, 116790.	5.1	35
62	Insight into activated carbon from different kinds of chemical activating agents: A review. Science of the Total Environment, 2020, 746, 141094.	3.9	278
63	Graphitic carbon nitride (g-C₃N₄)-based membranes for advanced separation. Journal of Materials Chemistry A, 2020, 8, 19133-19155.	5.2	99
64	Bioinspired succinyl-Î²-cyclodextrin membranes for enhanced uranium extraction and reclamation. Environmental Science: Nano, 2020, 7, 3124-3135.	2.2	16
65	Impacts of permanganate/bisulfite pre-oxidation on DBP formation during the post chlorine disinfection of ciprofloxacin-contaminated waters. Science of the Total Environment, 2020, 731, 138755.	3.9	5
66	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
67	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
68	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
69	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
70	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
71	Enhanced degradation of clothianidin in peroxymonosulfate/catalyst system via core-shell FeMn @ N-C and phosphate surrounding. Applied Catalysis B: Environmental, 2020, 267, 118717.	10.8	267
72	Adsorptive removal of phosphate by the bimetallic hydroxide nanocomposites embedded in pomegranate peel. Journal of Environmental Sciences, 2020, 91, 189-198.	3.2	23

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73	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
74	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
75	Impacts of antibiotic contaminants on Microcystis aeruginosa during potassium permanganate treatment. Harmful Algae, 2020, 92, 101741.	2.2	6
76	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
77	Municipal wastewater treatment by forward osmosis using seawater concentrate as draw solution. Chemosphere, 2019, 237, 124485.	4.2	36
78	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
79	Alleviating membrane fouling of modified polysulfone membrane via coagulation pretreatment/ultrafiltration hybrid process. Chemosphere, 2019, 235, 58-69.	4.2	37
80	Palygorskite/silver nanoparticles incorporated polyamide thin film nanocomposite membranes with enhanced water permeating, antifouling and antimicrobial performance. Chemosphere, 2019, 236, 124396.	4.2	39
81	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
82	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
83	Pilot-Scale Pyrolytic Remediation of Crude-Oil-Contaminated Soil in a Continuously-Fed Reactor: Treatment Intensity Trade-Offs. Environmental Science & Technology, 2019, 53, 2045-2053.	4.6	43
84	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
85	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
86	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
87	The combination of coagulation and ozonation as a pre-treatment of ultrafiltration in water treatment. Chemosphere, 2019, 231, 349-356.	4.2	45
88	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
89	Enhanced fluoride uptake by bimetallic hydroxides anchored in cotton cellulose/graphene oxide composites. Journal of Hazardous Materials, 2019, 376, 91-101.	6.5	33
90	Antibacterial thin film nanocomposite reverse osmosis membrane by doping silver phosphate loaded graphene oxide quantum dots in polyamide layer. Desalination, 2019, 464, 94-104.	4.0	64

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91	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
92	Antibacterial Thin-Film Nanocomposite Membranes Incorporated with Graphene Oxide Quantum Dot-Mediated Silver Nanoparticles for Reverse Osmosis Application. ACS Sustainable Chemistry and Engineering, 2019, 7, 8724-8734.	3.2	69
93	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
94	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
95	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
96	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
97	Nitritation-anammox process â€“ A realizable and satisfactory way to remove nitrogen from high saline wastewater. Bioresource Technology, 2019, 275, 86-93.	4.8	64
98	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
99	Layer by Layer Assembly of Poly (Allylamine Hydrochloride)/Phosphate Ions and Poly (Sodium 4-Styrene) Tj ETQq1 1 0.784314 rgBT /Ov 743-749.	0.6	1
100	Insights into the phosphate adsorption behavior onto 3D self-assembled cellulose/graphene hybrid nanomaterials embedded with bimetallic hydroxides. Science of the Total Environment, 2019, 653, 897-907.	3.9	46
101	Influence of mixed antibiotics on Microcystis aeruginosa during the application of glyphosate and hydrogen peroxide algaecides. Journal of Phycology, 2019, 55, 457-465.	1.0	4
102	Enhanced antifouling and antimicrobial thin film nanocomposite membranes with incorporation of Palygorskite/titanium dioxide hybrid material. Journal of Colloid and Interface Science, 2019, 537, 1-10.	5.0	62
103	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
104	Cerium oxide doped nanocomposite membranes for reverse osmosis desalination. Chemosphere, 2019, 218, 974-983.	4.2	46
105	A biodegradable biomass-based polymeric composite for slow release and water retention. Journal of Environmental Management, 2019, 230, 190-198.	3.8	65
106	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
107	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
108	Aluminum formate (AF): Synthesis, characterization and application in dye wastewater treatment. Journal of Environmental Sciences, 2018, 74, 95-106.	3.2	7

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109	Enhanced algae removal by Ti-based coagulant: comparison with conventional Al- and Fe-based coagulants. Environmental Science and Pollution Research, 2018, 25, 13147-13158.	2.7	37
110	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
111	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
112	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
113	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
114	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
115	Adsorption of phosphate by the cellulose-based biomaterial and its sustained release of laden phosphate in aqueous solution and soil. International Journal of Biological Macromolecules, 2018, 109, 524-534.	3.6	44
116	The influence of algal organic matter produced by Microcystis aeruginosa on coagulation-ultrafiltration treatment of natural organic matter. Chemosphere, 2018, 196, 418-428.	4.2	25
117	Bio-reduction of free and laden perchlorate by the pure and mixed perchlorate reducing bacteria: Considering the pH and coexisting nitrate. Chemosphere, 2018, 205, 475-483.	4.2	11
118	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
119	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
120	Performance of bimetallic nanoscale zero-valent iron particles for removal of oxytetracycline. Journal of Environmental Sciences, 2018, 69, 173-182.	3.2	57
121	Microbial dynamics of biofilm and suspended flocs in anammox membrane bioreactor: The effect of non-woven fabric membrane. Bioresource Technology, 2018, 247, 259-266.	4.8	30
122	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
123	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
124	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
125	Ultrasound-initiated synthesis of cationic polyacrylamide for oily wastewater treatment: Enhanced interaction between the flocculant and contaminants. Ultrasonics Sonochemistry, 2018, 42, 31-41.	3.8	55
126	Cellulose based multifunctional hybrid material for sequestering phosphate in stratified water purification columns. Cellulose, 2018, 25, 5877-5892.	2.4	4

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127	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
128	Enhanced degradation of ciprofloxacin by graphitized mesoporous carbon (GMC)-TiO2 nanocomposite: Strong synergy of adsorption-photocatalysis and antibiotics degradation mechanism. Journal of Colloid and Interface Science, 2018, 527, 202-213.	5.0	164
129	Carbon-doped golden wattle-like TiO2 microspheres with excellent visible light photocatalytic activity: Simultaneous in-situ carbon doping and single-crystal nanorod self-assembly. Applied Surface Science, 2018, 448, 78-87.	3.1	26
130	The removal of silver nanoparticle by titanium tetrachloride and modified sodium alginate composite coagulants: floc properties, membrane fouling, and floc recycle. Environmental Science and Pollution Research, 2018, 25, 21058-21069.	2.7	23
131	The cellulose binding region in Trichoderma reesei cellobiohydrolase I has a higher capacity in improving crystalline cellulose degradation than that of Penicillium oxalicum. Bioresource Technology, 2018, 266, 19-25.	4.8	30
132	Removal of fluoride by carbohydrate-based material embedded with hydrous zirconium oxide nanoparticles. Environmental Science and Pollution Research, 2018, 25, 27982-27991.	2.7	14
133	N2O emission and bacterial community dynamics during realization of the partial nitrification process. RSC Advances, 2018, 8, 24305-24311.	1.7	3
134	Removal of tridecane dicarboxylic acid in water by nanoscale Fe0/Cu0 bimetallic composites. Ecotoxicology and Environmental Safety, 2018, 164, 219-225.	2.9	16
135	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
136	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
137	Polytitanium sulfate (PTS): Coagulation application and Ti species detection. Journal of Environmental Sciences, 2017, 52, 250-258.	3.2	20
138	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
139	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
140	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
141	Enhancement of textile-dyeing sludge dewaterability using a novel cationic polyacrylamide: role of cationic block structures. RSC Advances, 2017, 7, 11626-11635.	1.7	22
142	Preferable uptake of phosphate by hydrous zirconium oxide nanoparticles embedded in quaternary-ammonium Chinese reed. Journal of Colloid and Interface Science, 2017, 496, 118-129.	5.0	53
143	iTRAQ-based quantitative proteomic analysis of Microcystis aeruginosa exposed to spiramycin at different nutrient levels. Aquatic Toxicology, 2017, 185, 193-200.	1.9	18
144	Biosorption and Bioreduction of Perchlorate Using the Nano-Fe₃O₄-Laden Quaternary-Ammonium Chinese Reed: Considering the Coexisting Nitrate and Nano-Fe₃O₄. ACS Sustainable Chemistry and Engineering, 2017, 5, 2471-2482.	3.2	20

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145	Interactions of specific extracellular organic matter and polyaluminum chloride and their roles in the algae-polluted water treatment. Journal of Hazardous Materials, 2017, 332, 1-9.	6.5	60
146	Integration of coagulation and adsorption for removal of N-nitrosodimethylamine (NDMA) precursors from biologically treated municipal wastewater. Environmental Science and Pollution Research, 2017, 24, 12426-12436.	2.7	7
147	Application for oxytetracycline wastewater pretreatment by Fenton iron mud based cathodic-anodic-electrolysis ceramic granular fillers. Chemosphere, 2017, 182, 483-490.	4.2	23
148	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
149	Solvent effects on microstructures and properties of three-dimensional hierarchical TiO2 microsphere structures synthesized via solvothermal approach. Journal of Solid State Chemistry, 2017, 253, 167-175.	1.4	20
150	Weak magnetic field: A powerful strategy to enhance partial nitrification. Water Research, 2017, 120, 190-198.	5.3	79
151	UV-initiated polymerization of acid- and alkali-resistant cationic flocculant P(AM-MAPTAC): Synthesis, characterization, and application in sludge dewatering. Separation and Purification Technology, 2017, 187, 244-254.	3.9	52
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