

Given Names Deactivated Family Name

List of Publications by Year in descending order

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180
all docs

180
docs citations

180
times ranked

5961
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon-based single atom catalyst: Synthesis, characterization, DFT calculations. Chinese Chemical Letters, 2022, 33, 663-673.	9.0	126
2	Enhanced degradation of bisphenol F in a porphyrin-MOF based visible-light system under high salinity conditions. Chemical Engineering Journal, 2022, 428, 132106.	12.7	21
3	Removal of chloramphenicol by sulfide-modified nanoscale zero-valent iron activated persulfate: Performance, salt resistance, and reaction mechanisms. Chemosphere, 2022, 286, 131876.	8.2	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.	12.4	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.	12.4	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.	8.0	30
7	Enhanced removal of phosphate using pomegranate peel-modified nickel-lanthanum hydroxide. Science of the Total Environment, 2022, 809, 151181.	8.0	15
8	A new UV source activates ozone for water treatment: Wavelength-dependent ultraviolet light-emitting diode (UV-LED). Separation and Purification Technology, 2022, 280, 119934.	7.9	11
9	Rational design to manganese and oxygen co-doped polymeric carbon nitride for efficient nonradical activation of peroxymonosulfate and the mechanism insight. Chemical Engineering Journal, 2022, 430, 132751.	12.7	70
10	Catalytic ozonation performance and mechanism of Mn-CeO _x @ ³ -Al ₂ O ₃ /O ₃ in the treatment of sulfate-containing hypersaline antibiotic wastewater. Science of the Total Environment, 2022, 807, 150867.	8.0	35
11	The interactions between Al (III) and Ti (IV) in the composite coagulant polyaluminum-titanium chloride. Separation and Purification Technology, 2022, 282, 120148.	7.9	13
12	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.	10.3	20
13	Fabrication of superhydrophobic Enteromorpha-derived carbon aerogels via NH ₄ H ₂ PO ₄ modification for multi-behavioral oil/water separation. Science of the Total Environment, 2022, 837, 155869.	8.0	14
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.	12.4	21
15	Tubular polypyrrole enhanced elastomeric biomass foam as a portable interfacial evaporator for efficient self-desalination. Chemical Engineering Journal, 2022, 445, 136701.	12.7	20
16	Boosting fenton-like reaction by reconstructed single Fe atom catalyst for oxidizing organics: Synergistic effect of conjugated π - π sp ² structured carbon and isolated Fe-N ₄ sites. Chemical Engineering Journal, 2022, 446, 137120.	12.7	45
17	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.	12.7	5
18	Unveiling the Origins of Selective Oxidation in Single-Atom Catalysis via Co ⁴⁺ -N ₄ -C Intensified Radical and Nonradical Pathways. Environmental Science & Technology, 2022, 56, 11635-11645.	10.0	159

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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	Co ₃ O ₄ anchored in N, S heteroatom co-doped porous carbons for degradation of organic contaminant: role of pyridinic N-Co binding and high tolerance of chloride. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119484.	20.2	305
21	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
22	Thiol-ene click chemistry synthesis of a novel magnetic mesoporous silica/chitosan composite for selective Hg(II) capture and high catalytic activity of spent Hg(II) adsorbent. <i>Chemical Engineering Journal</i> , 2021, 405, 126743.	12.7	74
23	Ibuprofen degradation using a Co-doped carbon matrix derived from peat as a peroxymonosulphate activator. <i>Environmental Research</i> , 2021, 193, 110564.	7.5	39
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	Single-atom catalysis in advanced oxidation processes for environmental remediation. <i>Chemical Society Reviews</i> , 2021, 50, 5281-5322.	38.1	502
27	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
28	Highly efficient removal of phosphate from aqueous media by pomegranate peel co-doping with ferric chloride and lanthanum hydroxide nanoparticles. <i>Journal of Cleaner Production</i> , 2021, 292, 125311.	9.3	25
29	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
30	Novel lignin-based single atom catalysts as peroxymonosulfate activator for pollutants degradation: Role of single cobalt and electron transfer pathway. <i>Applied Catalysis B: Environmental</i> , 2021, 286, 119910.	20.2	209
31	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
32	Effective removal of hexavalent chromium from aqueous solution by ZnCl ₂ modified biochar: Effects and response sequence of the functional groups. <i>Journal of Molecular Liquids</i> , 2021, 334, 116149.	4.9	41
33	Fabrication of graphitic carbon nitride functionalized P@CoFe ₂ O ₄ for the removal of tetracycline under visible light: Optimization, degradation pathways and mechanism evaluation. <i>Chemosphere</i> , 2021, 274, 129783.	8.2	38
34	In-situ Cu-doped carbon-supported catalysts applied for high-salinity polycarbonate plant wastewater treatment and a coupling application. <i>Chemical Engineering Journal</i> , 2021, 416, 129441.	12.7	15
35	Recycling exhausted magnetic biochar with adsorbed Cu ²⁺ as a cost-effective permonosulfate activator for norfloxacin degradation: Cu contribution and mechanism. <i>Journal of Hazardous Materials</i> , 2021, 413, 125413.	12.4	87
36	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

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37	A dual-functional layer modified GO@SiO ₂ 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
38	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
39	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
40	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
41	Characterization and influence of floc under different coagulation systems on ultrafiltration membrane fouling. <i>Chemosphere</i> , 2020, 238, 124659.	8.2	37
42	One-step synthesis of a core-shell structure iron-carbon nanocomposite as a persulfate activator for bisphenol A degradation. <i>Chemical Engineering Journal</i> , 2020, 382, 122780.	12.7	77
43	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
44	Synchronous removal of CuO nanoparticles and Cu ²⁺ by polyaluminum chloride-Enteromorpha polysaccharides: Effect of Al species and pH. <i>Journal of Environmental Sciences</i> , 2020, 88, 1-11.	6.1	12
45	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
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	Biofouling mitigation effect of thin film nanocomposite membranes immobilized with laponite mediated metal ions. <i>Desalination</i> , 2020, 473, 114162.	8.2	19
48	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
49	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
50	Ion-imprinted mesoporous silica/magnetic graphene oxide composites functionalized with Schiff-base for selective Cu(II) capture and simultaneously being transformed as a robust heterogeneous catalyst. <i>Chemical Engineering Journal</i> , 2020, 385, 123847.	12.7	49
51	Highly-efficient degradation of triclosan attributed to peroxymonosulfate activation by heterogeneous catalyst g-C ₃ N ₄ /MnFe ₂ O ₄ . <i>Chemical Engineering Journal</i> , 2020, 391, 123554.	12.7	70
52	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
53	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
54	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

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55	Graphitic carbon nitride (g-C ₃ N ₄)-based membranes for advanced separation. Journal of Materials Chemistry A, 2020, 8, 19133-19155.	10.3	99
56	Structure-activity relationships of the papermill sludge-based flocculants in different dye wastewater treatment. Journal of Cleaner Production, 2020, 266, 121944.	9.3	17
57	Three-dimensional porous graphene-like biochar derived from Enteromorpha as a persulfate activator for sulfamethoxazole degradation: Role of graphitic N and radicals transformation. Journal of Hazardous Materials, 2020, 399, 123039.	12.4	152
58	Effects of charge density and molecular weight of papermaking sludge-based flocculant on its decolorization efficiencies. Science of the Total Environment, 2020, 723, 138136.	8.0	8
59	Highly efficient and mild electrochemical degradation of bentazon by nano-diamond doped PbO ₂ anode with reduced Ti nanotube as the interlayer. Journal of Colloid and Interface Science, 2020, 575, 254-264.	9.4	48
60	Mechanism of sonication time on structure and adsorption properties of 3D peanut shell/graphene oxide aerogel. Science of the Total Environment, 2020, 739, 139983.	8.0	24
61	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.	4.3	113
62	Waste-to-resources: Green preparation of magnetic biogas residues-based biochar for effective heavy metal removals. Science of the Total Environment, 2020, 737, 140283.	8.0	52
63	Single and Binary Competitive Adsorption of Cobalt and Nickel onto Novel Magnetic Composites Derived from Green Macroalgae. Environmental Engineering Science, 2020, 37, 188-200.	1.6	12
64	Adsorptive removal of phosphate by the bimetallic hydroxide nanocomposites embedded in pomegranate peel. Journal of Environmental Sciences, 2020, 91, 189-198.	6.1	23
65	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.	8.0	73
66	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.	8.0	8
67	Municipal wastewater treatment by forward osmosis using seawater concentrate as draw solution. Chemosphere, 2019, 237, 124485.	8.2	36
68	Alleviating membrane fouling of modified polysulfone membrane via coagulation pretreatment/ultrafiltration hybrid process. Chemosphere, 2019, 235, 58-69.	8.2	37
69	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.	9.3	8
70	Palygorskite/silver nanoparticles incorporated polyamide thin film nanocomposite membranes with enhanced water permeating, antifouling and antimicrobial performance. Chemosphere, 2019, 236, 124396.	8.2	39
71	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.	8.0	46
72	PAC-PDMAAC pretreatment of typical natural organic matter mixtures: Ultrafiltration membrane fouling control and mechanisms. Science of the Total Environment, 2019, 694, 133816.	8.0	31

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73	One-step synthesis of easily-recoverable carboxylated biogas residues for efficient removal of heavy metal ions from synthetic wastewater. <i>Journal of Cleaner Production</i> , 2019, 240, 118264.	9.3	24
74	Biological reduction of perchlorate in domesticated activated sludge considering interaction effects of temperature, pH, electron donors and acceptors. <i>Chemical Engineering Research and Design</i> , 2019, 123, 169-178.	5.6	9
75	Removal of sulfamethoxazole from water via activation of persulfate by Fe ₃ C@NCNTs including mechanism of radical and nonradical process. <i>Chemical Engineering Journal</i> , 2019, 375, 122004.	12.7	244
76	Preparation of Cu ₂ O-Fe ₃ O ₄ @carbon nanocomposites derived from natural polymer hydrogel template for organic pollutants degradation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 102, 456-464.	5.3	12
77	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
78	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
79	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
80	Antibacterial thin film nanocomposite reverse osmosis membrane by doping silver phosphate loaded graphene oxide quantum dots in polyamide layer. <i>Desalination</i> , 2019, 464, 94-104.	8.2	64
81	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
82	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
83	Antibacterial Thin-Film Nanocomposite Membranes Incorporated with Graphene Oxide Quantum Dot-Mediated Silver Nanoparticles for Reverse Osmosis Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8724-8734.	6.7	69
84	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
85	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
86	A Facile One-Pot Strategy to Functionalize Graphene Oxide with Poly(amino-phosphonic Acid) Derived from Wasted Acrylic Fibers for Effective Gd(III) Capture. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19857-19869.	6.7	12
87	Preparation of an Adsorbent Based on Amidoxime and Triazole Modified Waste Cotton Fabrics through an Azide-Alkyne Click Reaction with Excellent Adsorption Performance toward Cu(II). <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1944-1955.	6.7	23
88	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
89	Insights into the phosphate adsorption behavior onto 3D self-assembled cellulose/graphene hybrid nanomaterials embedded with bimetallic hydroxides. <i>Science of the Total Environment</i> , 2019, 653, 897-907.	8.0	46
90	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

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91	One-step synthesis of Cu ₂ O@carbon nanocapsules composites using sodium alginate as template and characterization of their visible light photocatalytic properties. <i>Journal of Cleaner Production</i> , 2019, 209, 20-29.	9.3	36
92	Enhanced antifouling and antimicrobial thin film nanocomposite membranes with incorporation of Palygorskite/titanium dioxide hybrid material. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 1-10.	9.4	62
93	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
94	Cerium oxide doped nanocomposite membranes for reverse osmosis desalination. <i>Chemosphere</i> , 2019, 218, 974-983.	8.2	46
95	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
96	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
97	Aluminum formate (AF): Synthesis, characterization and application in dye wastewater treatment. <i>Journal of Environmental Sciences</i> , 2018, 74, 95-106.	6.1	7
98	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
99	Fate and distribution of phosphorus in laboratory-scale membrane bioreactors. <i>Chemical Engineering Research and Design</i> , 2018, 133, 204-209.	5.6	1
100	Application of enteromorpha polysaccharides as coagulant aid in the simultaneous removal of CuO nanoparticles and Cu ²⁺ : Effect of humic acid concentration. <i>Chemosphere</i> , 2018, 204, 492-500.	8.2	21
101	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
102	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
103	The influence of algal organic matter produced by <i>Microcystis aeruginosa</i> on coagulation-ultrafiltration treatment of natural organic matter. <i>Chemosphere</i> , 2018, 196, 418-428.	8.2	25
104	Bio-reduction of free and laden perchlorate by the pure and mixed perchlorate reducing bacteria: Considering the pH and coexisting nitrate. <i>Chemosphere</i> , 2018, 205, 475-483.	8.2	11
105	Effects of polytitanium chloride and polyaluminum chloride pre-treatment on ultrafiltration process: Floc properties and membrane fouling. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 88, 193-200.	5.3	16
106	Study on the treatment of soybean protein wastewater by a pilot-scale IC-A/O coupling reactor. <i>Chemical Engineering Journal</i> , 2018, 343, 189-197.	12.7	22
107	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
108	Ultrasound-initiated synthesis of cationic polyacrylamide for oily wastewater treatment: Enhanced interaction between the flocculant and contaminants. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 31-41.	8.2	55

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109	Coagulation of TiO ₂ nanoparticles-natural organic matter composite contaminants in various aquatic media: Fluorescence characteristics, flocs properties and membrane fouling abilities. Separation and Purification Technology, 2018, 205, 113-120.	7.9	10
110	Characterization and performance of a novel lignin-based flocculant for the treatment of dye wastewater. International Biodeterioration and Biodegradation, 2018, 133, 99-107.	3.9	45
111	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.	5.3	34
112	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.	5.3	16
113	Polytitanium sulfate (PTS): Coagulation application and Ti species detection. Journal of Environmental Sciences, 2017, 52, 250-258.	6.1	20
114	Simultaneous removal of nano-ZnO and Zn ²⁺ based on transportation character of nano-ZnO by coagulation: Enteromorpha polysaccharide compound polyaluminum chloride. Environmental Science and Pollution Research, 2017, 24, 5179-5188.	5.3	14
115	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.	8.2	38
116	Effects of papermaking sludge-based polymer on coagulation behavior in the disperse and reactive dyes wastewater treatment. Bioresource Technology, 2017, 240, 59-67.	9.6	56
117	Bio-regeneration of spent Fe ₃ O ₄ laden quaternary-ammonium shaddock peel after perchlorate capture: Considering the oxygen, coexisting anions, bio-fouling and indirect bio-regeneration. Chemical Engineering Journal, 2017, 316, 204-213.	12.7	10
118	The effect of DOM on floc formation and membrane fouling in coagulation/ultrafiltration process for treating TiO ₂ nanoparticles in various aquatic media. Chemical Engineering Journal, 2017, 316, 429-437.	12.7	23
119	Effective adsorption/desorption of perchlorate from water using corn stalk based modified magnetic biopolymer ion exchange resin. Microporous and Mesoporous Materials, 2017, 252, 59-68.	4.4	31
120	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.	3.6	29
121	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
122	The rapid adsorption-microbial reduction of perchlorate from aqueous solution by novel amine-crosslinked magnetic biopolymer resin. Bioresource Technology, 2017, 240, 68-76.	9.6	22
123	Highly permeable and antifouling reverse osmosis membranes with acidified graphitic carbon nitride nanosheets as nanofillers. Journal of Materials Chemistry A, 2017, 5, 19875-19883.	10.3	103
124	Novel cationic polyamidine: Synthesis, characterization, and sludge dewatering performance. Journal of Environmental Sciences, 2017, 51, 305-314.	6.1	22
125	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.	6.1	15
126	UV-initiated template copolymerization of AM and MAPTAC: Microblock structure, copolymerization mechanism, and flocculation performance. Chemosphere, 2017, 167, 71-81.	8.2	63

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127	Effects of epichlorohydrinâ€“dimethylamine on polytitanium chloride coagulation and membrane fouling in humic-kaolin water treatment: Dosage, dose method and solution pH. Separation and Purification Technology, 2017, 173, 209-217.	7.9	24
128	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.	5.3	16
129	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.	9.6	16
130	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.	8.2	10
131	Polyacrylamide as coagulant aid with polytitanium sulfate in humic acid-kaolin water treatment: Effect of dosage and dose method. Journal of the Taiwan Institute of Chemical Engineers, 2016, 64, 173-179.	5.3	27
132	Adsorptionâ€“desorption behavior of magnetic amine/Fe ₃ O ₄ functionalized biopolymer resin towards anionic dyes from wastewater. Bioresource Technology, 2016, 210, 123-130.	9.6	175
133	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.	12.4	15
134	A novel Enteromorpha based hydrogel optimized with Boxâ€“Behnken response surface method: Synthesis, characterization and swelling behaviors. Chemical Engineering Journal, 2016, 287, 537-544.	12.7	47
135	C-, N-DBP formation and quantification by differential spectra in MBR treated municipal wastewater exposed to chlorine and chloramine. Chemical Engineering Journal, 2016, 291, 55-63.	12.7	16
136	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.	3.9	23
137	Adsorption of nitrate from aqueous solution by magnetic amine-crosslinked biopolymer based corn stalk and its chemical regeneration property. Journal of Hazardous Materials, 2016, 304, 280-290.	12.4	138
138	Treatment of dissolved perchlorate by adsorptionâ€“microbial reduction. Chemical Engineering Journal, 2015, 279, 522-529.	12.7	23
139	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.	3.6	17
140	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.	7.9	43
141	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.	6.1	44
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