Qinyan Yue

List of Publications by Year
in descending order

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329	15,188	19657 61	34986 98
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	Review on Microwave-Matter Interaction Fundamentals and Efficient Microwave-Associated Heating Strategies. Materials, 2016, 9, 231.	2.9	435
2	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.	20.2	418
3	Adsorption of hexavalent chromium from aqueous solution by modified corn stalk: A fixed-bed column study. Bioresource Technology, 2012, 113, 114-120.	9.6	403
4	Sulfate saturated biosorbent-derived Co-S@NC nanoarchitecture as an efficient catalyst for peroxymonosulfate activation. Applied Catalysis B: Environmental, 2020, 262, 118302.	20.2	289
5	Insight into activated carbon from different kinds of chemical activating agents: A review. Science of the Total Environment, 2020, 746, 141094.	8.0	278
6	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.	12.7	244
7	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.	9.4	230
8	Preparation, characterization and application of lignin-based activated carbon from black liquor lignin by steam activation. Chemical Engineering Journal, 2013, 228, 1074-1082.	12.7	223
9	Characterization and ciprofloxacin adsorption properties of activated carbons prepared from biomass wastes by H3PO4 activation. Bioresource Technology, 2016, 217, 239-244.	9.6	214
10	Fe/Mn nanoparticles encapsulated in nitrogen-doped carbon nanotubes as a peroxymonosulfate activator for acetamiprid degradation. Environmental Science: Nano, 2019, 6, 1799-1811.	4.3	197
11	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.	9.4	192
12	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.	12.7	192
13	Removal of Cr(VI) from aqueous solution using modified corn stalks: Characteristic, equilibrium, kinetic and thermodynamic study. Chemical Engineering Journal, 2011, 168, 909-917.	12.7	185
14	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.	11.3	177
15	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.	12.7	172
16	Effect of phosphate on peroxymonosulfate activation: Accelerating generation of sulfate radical and underlying mechanism. Applied Catalysis B: Environmental, 2021, 298, 120532.	20.2	172
17	Adsorption kinetics and desorption of Cu(II) and Zn(II) from aqueous solution onto humic acid. Journal of Hazardous Materials, 2010, 178, 455-461.	12.4	166
18	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.	10.0	159

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19	Removal of anionic pollutants from liquids by biomass materials: A review. Journal of Molecular Liquids, 2016, 215, 565-595.	4.9	125
20	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.	7.8	123
21	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
22	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.	9.4	107
23	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.	5.3	104
24	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.	12.4	103
25	High-capacity adsorption of dissolved hexavalent chromium using amine-functionalized magnetic corn stalk composites. Bioresource Technology, 2015, 190, 550-557.	9.6	103
26	Preparation and mechanism of ultra-lightweight ceramics produced from sewage sludge. Journal of Hazardous Materials, 2010, 176, 76-84.	12.4	102
27	Effects of compound bioflocculant on coagulation performance and floc properties for dye removal. Bioresource Technology, 2014, 165, 116-121.	9.6	100
28	Effect of shear force and solution pH on flocs breakage and re-growth formed by nano-Al13 polymer. Water Research, 2010, 44, 1893-1899.	11.3	99
29	Molecularly imprinted carbon nanosheets supported TiO2: Strong selectivity and synergic adsorption-photocatalysis for antibiotics removal. Journal of Hazardous Materials, 2020, 383, 121211.	12.4	99
30	Graphitic carbon nitride (g-C₃N₄)-based membranes for advanced separation. Journal of Materials Chemistry A, 2020, 8, 19133-19155.	10.3	99
31	Adsorption of phosphate from aqueous solutions onto modified wheat residue: Characteristics, kinetic and column studies. Colloids and Surfaces B: Biointerfaces, 2009, 70, 46-52.	5.0	94
32	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.	12.7	94
33	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.	12.7	90
34	One-step synthesis of peanut hull/graphene aerogel for highly efficient oil-water separation. Journal of Cleaner Production, 2019, 207, 764-771.	9.3	89
35	Research on the characteristics of red mud granular adsorbents (RMGA) for phosphate removal. Journal of Hazardous Materials, 2010, 176, 741-748.	12.4	88
36	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.	12.7	87

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37	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.	12.4	87
38	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.	10.3	85
39	Adsorption of hexavalent chromium on Arundo donax Linn activated carbon amine-crosslinked copolymer. Chemical Engineering Journal, 2013, 217, 240-247.	12.7	84
40	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.	12.4	83
41	Nitrate adsorption by stratified wheat straw resin in lab-scale columns. Chemical Engineering Journal, 2013, 226, 1-6.	12.7	82
42	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.	11.3	79
43	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.	12.7	79
44	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.	4.7	78
45	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.	12.7	78
46	Preparation and mechanism of the sintered bricks produced from Yellow River silt and red mud. Journal of Hazardous Materials, 2012, 203-204, 53-61.	12.4	77
47	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.	12.7	77
48	Activated carbon from tomato stem by chemical activation with FeCl2. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 529, 842-849.	4.7	77
49	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.	12.7	77
50	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.	8.0	75
51	The characterization and flocculation efficiency of composite flocculant iron saltsâ€“polydimethyldiallylammonium chloride. Chemical Engineering Journal, 2008, 142, 175-181.	12.7	74
52	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.	12.7	73
53	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
54	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.	12.7	72

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55	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.	7.9	71
56	Nitrate removal from aqueous solution by Arundo donax L. reed based anion exchange resin. Journal of Hazardous Materials, 2012, 203-204, 86-92.	12.4	70
57	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.	12.7	69
58	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.	12.7	68
59	Flocculation performance of papermaking sludge-based flocculants in different dye wastewater treatment: Comparison with commercial lignin and coagulants. Chemosphere, 2021, 262, 128416.	8.2	68
60	Coagulation performance and membrane fouling of different aluminum species during coagulation/ultrafiltration combined process. Chemical Engineering Journal, 2015, 262, 1161-1167.	12.7	67
61	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.	12.7	66
62	A biodegradable biomass-based polymeric composite for slow release and water retention. Journal of Environmental Management, 2019, 230, 190-198.	7.8	65
63	Application of Al species in coagulation/ultrafiltration process: Influence of cake layer on membrane fouling. Journal of Membrane Science, 2019, 572, 161-170.	8.2	63
64	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.	6.1	62
65	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.	4.9	62
66	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.	8.2	62
67	Selective removal of phosphate by dual Zr and La hydroxide/cellulose-based bio-composites. Journal of Colloid and Interface Science, 2019, 533, 692-699.	9.4	62
68	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.	4.7	61
69	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.	9.6	60
70	Characterization and swellingâ€“deswelling properties of wheat straw cellulose based semi-IPNs hydrogel. Carbohydrate Polymers, 2014, 107, 232-240.	10.2	59
71	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.	12.4	59
72	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.	12.4	59

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73	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.	12.4	58
74	Performance of bimetallic nanoscale zero-valent iron particles for removal of oxytetracycline. Journal of Environmental Sciences, 2018, 69, 173-182.	6.1	57
75	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
76	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.	12.4	56
77	Co-monomer polymer anion exchange resin for removing Cr(VI) contaminants: Adsorption kinetics, mechanism and performance. Science of the Total Environment, 2020, 709, 136002.	8.0	56
78	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.	5.3	53
79	Bromate removal from aqueous solutions by nano crystalline akaganeite (Î²-FeOOH)-coated quartz sand (CACQS). Chemical Engineering Journal, 2012, 187, 63-68.	12.7	52
80	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
81	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.	12.4	52
82	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.	8.2	51
83	Comparison of activated carbons from Arundo donax Linn with H4P2O7 activation by conventional and microwave heating methods. Chemical Engineering Journal, 2012, 192, 308-314.	12.7	51
84	Multivariate optimization of ciprofloxacin removal by polyvinylpyrrolidone stabilized NZVI/Cu bimetallic particles. Chemical Engineering Journal, 2019, 365, 183-192.	12.7	51
85	Evaluation of molecular weight, chain architectures and charge densities of various lignin-based flocculants for dye wastewater treatment. Chemosphere, 2019, 215, 214-226.	8.2	51
86	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.	12.4	50
87	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.	12.4	49
88	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.	9.3	49
89	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.	9.6	48
90	Optimization of coagulation pre-treatment for alleviating ultrafiltration membrane fouling: The role of floc properties on Al species. Chemosphere, 2018, 200, 86-92.	8.2	48

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91	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.	12.7	48
92	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.	10.3	48
93	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.	12.7	47
94	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
95	A tunable amphiphilic Enteromorpha-modified graphene aerogel for oil/water separation. Science of the Total Environment, 2021, 763, 142958.	8.0	47
96	Preparation of highly developed mesoporous activated carbon by H4P2O7 activation and its adsorption behavior for oxytetracycline. Powder Technology, 2013, 249, 54-62.	4.2	46
97	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.	6.0	46
98	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
99	Cerium oxide doped nanocomposite membranes for reverse osmosis desalination. Chemosphere, 2019, 218, 974-983.	8.2	46
100	Influence of extracellular polymeric substances on microbial activity and cell hydrophobicity in biofilms. Journal of Chemical Technology and Biotechnology, 2008, 83, 227-232.	3.2	45
101	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.	12.7	45
102	Column adsorption of perchlorate by amine-crosslinked biopolymer based resin and its biological, chemical regeneration properties. Carbohydrate Polymers, 2015, 115, 432-438.	10.2	45
103	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.	10.2	45
104	The combination of coagulation and ozonation as a pre-treatment of ultrafiltration in water treatment. Chemosphere, 2019, 231, 349-356.	8.2	45
105	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.	12.7	45
106	Advanced lignin-acrylamide water treatment agent by pulp and paper industrial sludge: Synthesis, properties and application. Journal of Environmental Sciences, 2013, 25, 2367-2377.	6.1	44
107	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
108	The performance of forward osmosis in treating high-salinity wastewater containing heavy metal Ni2+. Chemical Engineering Journal, 2016, 288, 569-576.	12.7	44

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109	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.	12.7	43
110	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
111	Physically cross-linked pH-responsive chitosan-based hydrogels with enhanced mechanical performance for controlled drug delivery. RSC Advances, 2016, 6, 106035-106045.	3.6	43
112	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.	8.0	43
113	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.	9.6	42
114	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.	8.2	42
115	The application of UV/O3 process on ciprofloxacin wastewater containing high salinity: Performance and its degradation mechanism. Chemosphere, 2021, 276, 130220.	8.2	42
116	Influences of dissolved organic matter characteristics on trihalomethanes formation during chlorine disinfection of membrane bioreactor effluents. Bioresource Technology, 2014, 165, 81-87.	9.6	41
117	Flocculation kinetics and floc characteristics of dye wastewater by polyferric chlorideâ€“poly-epichlorohydrinâ€“dimethylamine composite flocculant. Separation and Purification Technology, 2013, 118, 583-590.	7.9	40
118	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.	12.7	40
119	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.	8.2	39
120	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.	8.0	39
121	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.	7.9	38
122	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.	12.7	38
123	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
124	Green synthesis of Cu nanoparticles supported on straw-graphene composite for catalytic reduction of p-nitrophenol. Journal of Cleaner Production, 2021, 283, 124578.	9.3	38
125	In-situ synthesis of CuS@carbon nanocomposites and application in enhanced photo-fenton degradation of 2,4-DCP. Chemosphere, 2021, 270, 129295.	8.2	38
126	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.	8.2	38

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127	Alleviating membrane fouling of modified polysulfone membrane via coagulation pretreatment/ultrafiltration hybrid process. Chemosphere, 2019, 235, 58-69.	8.2	37
128	Characterization and influence of floc under different coagulation systems on ultrafiltration membrane fouling. Chemosphere, 2020, 238, 124659.	8.2	37
129	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.	12.4	37
130	Performance optimization of CdS precipitated graphene oxide/polyacrylic acid composite for efficient photodegradation of chlortetracycline. Journal of Hazardous Materials, 2020, 388, 121780.	12.4	37
131	Preparation of wheat straw-supported Nanoscale Zero-Valent Iron and its removal performance on ciprofloxacin. Ecotoxicology and Environmental Safety, 2018, 158, 100-107.	6.0	36
132	Municipal wastewater treatment by forward osmosis using seawater concentrate as draw solution. Chemosphere, 2019, 237, 124485.	8.2	36
133	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.	10.2	36
134	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
135	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.	12.7	35
136	Equilibrium and a two-stage batch adsorber design for reactive or disperse dye removal to minimize adsorbent amount. Bioresource Technology, 2011, 102, 5290-5296.	9.6	35
137	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.	12.7	35
138	Compound bioflocculant and polyaluminum chloride in kaolin-humic acid coagulation: Factors influencing coagulation performance and floc characteristics. Bioresource Technology, 2014, 172, 8-15.	9.6	35
139	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
140	Grass-modified graphene aerogel for effective oil-water separation. Chemical Engineering Research and Design, 2019, 129, 119-129.	5.6	35
141	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.	8.2	35
142	Synthesis, characterization and flocculation performance of a novel sodium alginate-based flocculant. Carbohydrate Polymers, 2020, 248, 116790.	10.2	35
143	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
144	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.	8.0	35

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145	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.	8.2	34
146	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.	12.7	34
147	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
148	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.	9.6	33
149	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.	12.7	33
150	Study on emulsification stability of wastewater produced by polymer flooding. Journal of Petroleum Science and Engineering, 2013, 110, 27-31.	4.2	33
151	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.	6.1	33
152	Enhanced fluoride uptake by bimetallic hydroxides anchored in cotton cellulose/graphene oxide composites. Journal of Hazardous Materials, 2019, 376, 91-101.	12.4	33
153	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.	12.4	32
154	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.	8.2	32
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