

Huijuan Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7590518/publications.pdf>

Version: 2024-02-01

361
papers

21,780
citations

6254

80
h-index

15732

125
g-index

362
all docs

362
docs citations

362
times ranked

19686
citing authors

#	ARTICLE	IF	CITATIONS
1	Inactivation and risk control of pathogenic microorganisms in municipal sludge treatment: A review. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 70.	6.0	34
2	Sustainable nitrogen fixation over Ru single atoms decorated Cu ₂ O using electrons produced from photoelectrocatalytic organics degradation. <i>Chemical Engineering Journal</i> , 2022, 428, 130373.	12.7	9
3	Mixing regime shapes the community assembly process, microbial interaction and proliferation of cyanobacterial species <i>Planktothrix</i> in a stratified lake. <i>Journal of Environmental Sciences</i> , 2022, 115, 103-113.	6.1	7
4	Profiling microbial removal of micropollutants in sand filters: Biotransformation pathways and associated bacteria. <i>Journal of Hazardous Materials</i> , 2022, 423, 127167.	12.4	14
5	Can radicals-orientated chemical oxidation improve the reduction of antibiotic resistance genes (ARGs) by mesophilic anaerobic digestion of sludge?. <i>Journal of Hazardous Materials</i> , 2022, 426, 128001.	12.4	12
6	Siderophores provoke extracellular superoxide production by <i>Arthrobacter</i> strains during carbon sources level fluctuation. <i>Environmental Microbiology</i> , 2022, 24, 894-904.	3.8	5
7	Red mud supported on reduced graphene oxide as photo-Fenton catalysts for organic contaminant degradation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 640, 128461.	4.7	9
8	Characterization on the formation mechanism of Fe ₀ /Fe ₃ C/C nanostructure and its effect on PMS activation performance towards BPA degradation. <i>Chemical Engineering Journal</i> , 2022, 435, 134709.	12.7	3
9	Mo,Fe-codoped metal phosphide nanosheets derived from Prussian blue analogues for efficient overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 456-464.	9.4	15
10	Insight into the Key Role of Cr Intermediates in the Efficient and Simultaneous Degradation of Organic Contaminants and Cr(VI) Reduction via g-C ₃ N ₄ -Assisted Photocatalysis. <i>Environmental Science & Technology</i> , 2022, 56, 3552-3563.	10.0	48
11	Facet-dependent activity of TiO ₂ /covalent organic framework S-scheme heterostructures for CO ₂ photoreduction. <i>Chemical Engineering Journal</i> , 2022, 442, 135279.	12.7	34
12	Simultaneous removal of aromatic pollutants and nitrate at high concentrations by hypersaline denitrification: Long-term continuous experiments investigation. <i>Water Research</i> , 2022, 216, 118292.	11.3	16
13	Systematic Design of a Flow-Through Titanium Electrode-Based Device with Strong Oil Droplet Rejection Property for Superior Oil-in-Water Emulsion Separation Performance. <i>Environmental Science & Technology</i> , 2022, 56, 4151-4161.	10.0	12
14	Oxygenated polycyclic aromatic hydrocarbons in the surface water environment: Occurrence, ecotoxicity, and sources. <i>Environment International</i> , 2022, 163, 107232.	10.0	22
15	The biogeochemical responses of hyporheic groundwater to the long-run managed aquifer recharge: Linking microbial communities to hydrochemistry and micropollutants. <i>Journal of Hazardous Materials</i> , 2022, 431, 128587.	12.4	16
16	A homogeneous reagent for Ni ²⁺ capture from wastewater: The phase transition mechanism and impact evaluation for aerobic sludge. <i>Chemical Engineering Journal</i> , 2022, 440, 135809.	12.7	1
17	Do NH ₄ ⁺ -N and AOB affect atenolol removal during simulated riverbank filtration?. <i>Chemosphere</i> , 2022, 301, 134653.	8.2	2
18	Synergy of cyano groups and cobalt single atoms in graphitic carbon nitride for enhanced bio-denitrification. <i>Water Research</i> , 2022, 218, 118465.	11.3	19

#	ARTICLE	IF	CITATIONS
19	Spatiotemporal variation and risk assessment of phthalate acid esters (PAEs) in surface water of the Yangtze River Basin, China. <i>Science of the Total Environment</i> , 2022, 836, 155677.	8.0	23
20	Synchronous Moderate Oxidation and Adsorption on the Surface of Fe^{3+} - MnO_2 for Efficient Iodide Removal from Water. <i>Environmental Science & Technology</i> , 2022, 56, 9417-9427.	10.0	10
21	Visualization of Electrochemically Accessible Sites in Flow-through Mode for Maximizing Available Active Area toward Superior Electrocatalytic Ammonia Oxidation. <i>Environmental Science & Technology</i> , 2022, 56, 9722-9731.	10.0	15
22	Interface-modulated nanojunction and microfluidic platform for photoelectrocatalytic chemicals upgrading. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119541.	20.2	29
23	Ni(II)/Ni(III) redox couple endows Ni foam-supported Ni ₂ P with excellent capability for direct ammonia oxidation. <i>Chemical Engineering Journal</i> , 2021, 404, 126795.	12.7	72
24	Selection of water source for water transfer based on algal growth potential to prevent algal blooms. <i>Journal of Environmental Sciences</i> , 2021, 103, 246-254.	6.1	7
25	Hot-Electron-Induced Photothermal Catalysis for Energy-Dependent Molecular Oxygen Activation. <i>Angewandte Chemie</i> , 2021, 133, 4922-4928.	2.0	9
26	Hot-Electron-Induced Photothermal Catalysis for Energy-Dependent Molecular Oxygen Activation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4872-4878.	13.8	42
27	Synergistic effect of dual sites on bimetal-organic frameworks for highly efficient peroxide activation. <i>Journal of Hazardous Materials</i> , 2021, 406, 124692.	12.4	52
28	Defect-enhanced activation of carbon nitride/horseradish peroxidase nano hybrids for visible-light-driven photobiocatalytic water purification. <i>Chemical Engineering Journal</i> , 2021, 408, 127231.	12.7	25
29	Epilithic biofilm as a reservoir for functional virulence factors in wastewater-dominant rivers after WWTP upgrade. <i>Journal of Environmental Sciences</i> , 2021, 101, 27-35.	6.1	13
30	Response of ammonia oxidation activities to water-level fluctuations in riparian zones in a column experiment. <i>Chemosphere</i> , 2021, 269, 128702.	8.2	11
31	Revealing Surface Charge Population on Flake-Like BiVO ₄ Photocatalysts by Single Particle Imaging Spectroscopies. <i>ACS Applied Energy Materials</i> , 2021, 4, 2543-2551.	5.1	16
32	Synergetic Hydroxyl Radical Oxidation with Atomic Hydrogen Reduction Lowers the Organochlorine Conversion Barrier and Potentiates Effective Contaminant Mineralization. <i>Environmental Science & Technology</i> , 2021, 55, 3296-3304.	10.0	39
33	Synergetic Lipid Extraction with Oxidative Damage Amplifies Cell-Membrane-Destructive Stresses and Enables Rapid Sterilization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7744-7751.	13.8	26
34	Synergetic Lipid Extraction with Oxidative Damage Amplifies Cell-Membrane-Destructive Stresses and Enables Rapid Sterilization. <i>Angewandte Chemie</i> , 2021, 133, 7823-7830.	2.0	10
35	Microbial responses to the use of NaClO in sediment treatment. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 16, 1.	6.0	2
36	Regulating Oriented Adsorption on Targeted Nickel Sites for Antibiotic Oxidation with Simultaneous Hydrogen Energy Recovery by a Direct Electrochemical Process. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18673-18682.	8.0	11

#	ARTICLE	IF	CITATIONS
37	Bimetal-organic frameworks with coordinatively unsaturated metal sites for highly efficient Fenton-like catalysis. <i>Chemical Engineering Journal</i> , 2021, 414, 128669.	12.7	83
38	Emerging graphitic carbon nitride-based membranes for water purification. <i>Water Research</i> , 2021, 200, 117207.	11.3	53
39	Removal of p-arsanilic acid and phenylarsonic acid from water by Fenton coagulation process: influence of substituted amino group. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63319-63329.	5.3	3
40	Transformation of typical components in anaerobically digested sludge during its conditioning process by KMnO ₄ . <i>Resources, Conservation and Recycling</i> , 2021, 171, 105657.	10.8	13
41	Optimization of a Hierarchical Porous-Structured Reactor to Mitigate Mass Transport Limitations for Efficient Electrocatalytic Ammonia Oxidation through a Three-Electron-Transfer Pathway. <i>Environmental Science & Technology</i> , 2021, 55, 12596-12606.	10.0	24
42	A dual-biomimetic photocatalytic fuel cell for efficient electricity generation from degradation of refractory organic pollutants. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120501.	20.2	26
43	Insight into electroreductive activation process of peroxydisulfate for eliminating organic pollution: Essential role of atomic hydrogen. <i>Chemical Engineering Journal</i> , 2021, 426, 128355.	12.7	18
44	Potential Oscillated Electrochemical Metal Recovery System with Improved Conversion Kinetics and High Levelized Quality. <i>Environmental Science & Technology</i> , 2021, 55, 15380-15389.	10.0	7
45	Organic P transformations and release from riparian soils responding to water level fluctuation. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 781.	2.7	2
46	3-D hierarchical Ag/ZnO@CF for synergistically removing phenol and Cr(VI): Heterogeneous vs. homogeneous photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2020, 558, 85-94.	9.4	55
47	Regioselective oxidation of tetracycline by permanganate through alternating susceptible moiety and increasing electron donating ability. <i>Journal of Environmental Sciences</i> , 2020, 87, 281-288.	6.1	17
48	Polyoxometalates/TiO ₂ photocatalysts with engineered facets for enhanced degradation of bisphenol A through persulfate activation. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118394.	20.2	88
49	Enhanced phosphate removal using zirconium hydroxide encapsulated in quaternized cellulose. <i>Journal of Environmental Sciences</i> , 2020, 89, 102-112.	6.1	32
50	Efficient <i>Microcystis aeruginosa</i> removal by moderate photocatalysis-enhanced coagulation with magnetic Zn-doped Fe ₃ O ₄ particles. <i>Water Research</i> , 2020, 171, 115448.	11.3	85
51	Low electronegativity Mn bulk doping intensifies charge storage of Ni ₂ P redox shuttle for membrane-free water electrolysis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4073-4082.	10.3	26
52	Influence of sedimentation with pre-coagulation on ultrafiltration membrane fouling performance. <i>Science of the Total Environment</i> , 2020, 708, 134671.	8.0	14
53	Influence of floc dynamic protection layer on alleviating ultrafiltration membrane fouling induced by humic substances. <i>Journal of Environmental Sciences</i> , 2020, 90, 10-19.	6.1	4
54	Enhanced alleviation of ultrafiltration membrane fouling by regulating cake layer thickness with pre-coagulation during drinking water treatment. <i>Journal of Membrane Science</i> , 2020, 596, 117732.	8.2	29

#	ARTICLE	IF	CITATIONS
55	New insights into the surface-dependent activity of graphitic felts for the electro-generation of H ₂ O ₂ . <i>Applied Surface Science</i> , 2020, 509, 144875.	6.1	25
56	Visualizing the Interfacial Charge Transfer between Photoactive <i>Microcystis aeruginosa</i> and Hydrogenated TiO ₂ . <i>Environmental Science & Technology</i> , 2020, 54, 10323-10332.	10.0	21
57	Arrayed Cobalt Phosphide Electrocatalyst Achieves Low Energy Consumption and Persistent H ₂ Liberation from Anodic Chemical Conversion. <i>Nano-Micro Letters</i> , 2020, 12, 154.	27.0	29
58	Removal of arsenic(III) from water by 2D zeolitic imidazolate framework-67 nanosheets. <i>Environmental Science: Nano</i> , 2020, 7, 3616-3626.	4.3	23
59	pH-Independent Production of Hydroxyl Radical from Atomic H [*] -Mediated Electrocatalytic H ₂ O ₂ Reduction: A Green Fenton Process without Byproducts. <i>Environmental Science & Technology</i> , 2020, 54, 14725-14731.	10.0	106
60	A salt-rejecting anisotropic structure for efficient solar desalination via heat–mass flux decoupling. <i>Journal of Materials Chemistry A</i> , 2020, 8, 12089-12096.	10.3	27
61	One-step exfoliation of polymeric C ₃ N ₄ by atmospheric oxygen doping for photocatalytic persulfate activation. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 455-462.	9.4	28
62	Metagenomics Unravels Differential Microbiome Composition and Metabolic Potential in Rapid Sand Filters Purifying Surface Water Versus Groundwater. <i>Environmental Science & Technology</i> , 2020, 54, 5197-5206.	10.0	51
63	Potassium-Ion Recovery with a Polypyrrole Membrane Electrode in Novel Redox Transistor Electrodes. <i>Environmental Science & Technology</i> , 2020, 54, 4592-4600.	10.0	17
64	Influence of floc charge and related distribution mechanisms of humic substances on ultrafiltration membrane behavior. <i>Journal of Membrane Science</i> , 2020, 609, 118260.	8.2	8
65	Defect-enhanced photocatalytic removal of dimethylarsinic acid over mixed-phase mesoporous TiO ₂ . <i>Journal of Environmental Sciences</i> , 2020, 91, 35-42.	6.1	15
66	Zinc Substitution-Induced Subtle Lattice Distortion Mediates the Active Center of Cobalt Diselenide Electrocatalysts for Enhanced Oxygen Evolution. <i>Small</i> , 2020, 16, e1907001.	10.0	37
67	Manipulation of Neighboring Palladium and Mercury Atoms for Efficient [*] OH Transformation in Anodic Alcohol Oxidation and Cathodic Oxygen Reduction Reactions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12677-12685.	8.0	12
68	Anaerobically-digested sludge disintegration by transition metal ions-activated peroxydisulfate (PMS): Comparison between Co ²⁺ , Cu ²⁺ , Fe ²⁺ and Mn ²⁺ . <i>Science of the Total Environment</i> , 2020, 713, 136530.	8.0	80
69	Carbon nanodot-modified FeOCl for photo-assisted Fenton reaction featuring synergistic in-situ H ₂ O ₂ production and activation. <i>Applied Catalysis B: Environmental</i> , 2020, 266, 118665.	20.2	108
70	Wastewater treatment plant upgrade induces the receiving river retaining bioavailable nitrogen sources. <i>Environmental Pollution</i> , 2020, 263, 114478.	7.5	21
71	Improving ion rejection of graphene oxide conductive membranes by applying electric field. <i>Journal of Membrane Science</i> , 2020, 604, 118077.	8.2	17
72	Reversible superwettability switching of a conductive polymer membrane for oil-water separation and self-cleaning. <i>Journal of Membrane Science</i> , 2020, 605, 118088.	8.2	30

#	ARTICLE	IF	CITATIONS
73	Microbial community structures and functions of hypersaline heterotrophic denitrifying process: Lab-scale and pilot-scale studies. <i>Bioresource Technology</i> , 2020, 310, 123244.	9.6	26
74	Development of Amyloid-Fibrils-like Functional Materials from Both Anaerobically Digested Sludge and Waste Activated Sludge for Heavy Metal Adsorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7795-7805.	6.7	13
75	A promising treatment method for Cr(VI) detoxification and recovery by coupling Fe ₀ /Fe ₃ C/C fine powders and circulating fluidized bed. <i>Chemical Engineering Journal</i> , 2020, 398, 125565.	12.7	8
76	Preferential binding between intracellular organic matters and Al ₁₃ polymer to enhance coagulation performance. <i>Journal of Environmental Sciences</i> , 2019, 76, 1-11.	6.1	17
77	Micro-electrode system designed to determine H ⁺ concentration distribution at particle-water interface. <i>Science of the Total Environment</i> , 2019, 646, 544-550.	8.0	4
78	Interfacial Engineering of SeO Ligands on Tellurium Featuring Synergistic Functionalities of Bond Activation and Chemical States Buffering toward Electrocatalytic Conversion of Nitrogen to Ammonia. <i>Advanced Science</i> , 2019, 6, 1901627.	11.2	32
79	Electrically Pore-Size-Tunable Polypyrrole Membrane for Antifouling and Selective Separation. <i>Advanced Functional Materials</i> , 2019, 29, 1903081.	14.9	45
80	Defect Modulation of Z-Scheme TiO ₂ /Cu ₂ O Photocatalysts for Durable Water Splitting. <i>ACS Catalysis</i> , 2019, 9, 8346-8354.	11.2	146
81	Triggering of Low-Valence Molybdenum in Multiphasic MoS ₂ for Effective Reactive Oxygen Species Output in Catalytic Fenton-like Reactions. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26781-26788.	8.0	76
82	Synergetic Photocatalytic Pure Water Splitting and Self-Supplied Oxygen Activation by 2-D WO ₃ /TiO ₂ Heterostructures. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19902-19909.	6.7	18
83	Enhanced Stabilization and Effective Utilization of Atomic Hydrogen on Pd-In Nanoparticles in a Flow-through Electrode. <i>Environmental Science & Technology</i> , 2019, 53, 11383-11390.	10.0	60
84	Modulation of cation trans-membrane transport in GO-MoS ₂ membranes through simultaneous control of interlayer spacing and ion-nanochannel interactions. <i>Chemosphere</i> , 2019, 222, 156-164.	8.2	22
85	Acidic permanganate oxidation of sulfamethoxazole by stepwise electron-proton transfer. <i>Chemosphere</i> , 2019, 222, 71-82.	8.2	16
86	A new paradigm of ultrathin 2D nanomaterial adsorbents in aqueous media: graphene and GO, MoS ₂ , MXenes, and 2D MOFs. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16598-16621.	10.3	95
87	Faceted TiO ₂ photocatalytic degradation of anthraquinone in aquatic solution under solar irradiation. <i>Science of the Total Environment</i> , 2019, 688, 592-599.	8.0	29
88	Hydrogen-Bond-Mediated Self-Assembly of Carbon-Nitride-Based Photo-Fenton-like Membranes for Wastewater Treatment. <i>Environmental Science & Technology</i> , 2019, 53, 6981-6988.	10.0	79
89	Anaerobically-digested sludge conditioning by activated peroxydisulfate: Significance of EDTA chelated-Fe ²⁺ . <i>Water Research</i> , 2019, 160, 454-465.	11.3	64
90	Confining Free Radicals in Close Vicinity to Contaminants Enables Ultrafast Fenton-like Processes in the Interspacing of MoS ₂ Membranes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8134-8138.	13.8	419

#	ARTICLE	IF	CITATIONS
91	Confining Free Radicals in Close Vicinity to Contaminants Enables Ultrafast Fenton-like Processes in the Interspacing of MoS ₂ Membranes. <i>Angewandte Chemie</i> , 2019, 131, 8218-8222.	2.0	23
92	Enhanced Production of in Situ Keggin Al ₁₃ ⁷⁺ Polymer by a Combined Fe-Al Coagulation Process for the Treatment of High Alkalinity Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9544-9552.	6.7	7
93	Intercalation of Nanosized Fe ₃ C in Iron/Carbon To Construct Multifunctional Interface with Reduction, Catalysis, Corrosion Resistance, and Immobilization Capabilities. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15709-15717.	8.0	50
94	Field-Enhanced Nanoconvection Accelerated Electrocatalytic Conversion of Water Contaminants and Electricity Generation. <i>Environmental Science & Technology</i> , 2019, 53, 2713-2719.	10.0	12
95	Triggering surface oxygen vacancies on atomic layered molybdenum dioxide for a low energy consumption path toward nitrogen fixation. <i>Nano Energy</i> , 2019, 59, 10-16.	16.0	176
96	Capillary-Flow-Optimized Heat Localization Induced by an Air-Enclosed Three-Dimensional Hierarchical Network for Elevated Solar Evaporation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9974-9983.	8.0	48
97	Synchronous Reduction-Oxidation Process for Efficient Removal of Trichloroacetic Acid: H [*] Initiates Dechlorination and •OH Is Responsible for Removal Efficiency. <i>Environmental Science & Technology</i> , 2019, 53, 14586-14594.	10.0	45
98	Rapid control of black and odorous substances from heavily-polluted sediment by oxidation: Efficiency and effects. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	6.0	12
99	Effects of protein properties on ultrafiltration membrane fouling performance in water treatment. <i>Journal of Environmental Sciences</i> , 2019, 77, 273-281.	6.1	43
100	Microfluidic-enhanced 3-D photoanodes with free interfacial energy barrier for photoelectrochemical applications. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 740-747.	20.2	29
101	NOM fouling resistance in response to electric field during electro-ultrafiltration: Significance of molecular polarity and weight. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 11-18.	9.4	22
102	Enhanced Photoreduction of Chromium(VI) Intercalated Ion Exchange in BiOBr _{0.75} IO _{0.25} Layers Structure by Bulk Charge Transfer. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2429-2436.	6.7	20
103	Surface charge and hydrophilicity improvement of graphene membranes via modification of pore surface oxygen-containing groups to enhance permeability and selectivity. <i>Carbon</i> , 2019, 145, 140-148.	10.3	55
104	Selective adsorption of fluoride from drinking water using NiAl-layered metal oxide film electrode. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 146-151.	9.4	64
105	Polyoxometalates/TiO ₂ Fenton-like photocatalysts with rearranged oxygen vacancies for enhanced synergetic degradation. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 407-413.	20.2	92
106	Characteristics of microplastic removal via coagulation and ultrafiltration during drinking water treatment. <i>Chemical Engineering Journal</i> , 2019, 359, 159-167.	12.7	382
107	Removal characteristics of microplastics by Fe-based coagulants during drinking water treatment. <i>Journal of Environmental Sciences</i> , 2019, 78, 267-275.	6.1	235
108	Oxygen vacancy modulation of {010}-dominated TiO ₂ for enhanced photodegradation of Sulfamethoxazole. <i>Catalysis Communications</i> , 2019, 118, 35-38.	3.3	13

#	ARTICLE	IF	CITATIONS
109	Electrochemical oxidation of ammonia accompanied with electricity generation based on reverse electro dialysis. <i>Electrochimica Acta</i> , 2018, 269, 128-135.	5.2	32
110	Multiple dynamic Al-based flocculation layers on ultrafiltration membrane surfaces for humic acid and reservoir water fouling reduction. <i>Water Research</i> , 2018, 139, 291-300.	11.3	39
111	Strongly Coupled Metal Oxide/Reassembled Carbon Nitride/Co ²⁺ /P ³⁺ Heterostructures for Efficient Photoelectrochemical Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6424-6432.	8.0	50
112	Enhancement of the Donnan effect through capacitive ion increase using an electroconductive rGO-CNT nanofiltration membrane. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4737-4745.	10.3	82
113	Facile "Spot" Heating Synthesis of Carbon Dots/Carbon Nitride for Solar Hydrogen Evolution Synchronously with Contaminant Decomposition. <i>Advanced Functional Materials</i> , 2018, 28, 1706462.	14.9	121
114	Enhanced membrane fouling mitigation by modulating cake layer porosity and hydrophilicity in an electro-coagulation/oxidation membrane reactor (ECOMR). <i>Journal of Membrane Science</i> , 2018, 550, 72-79.	8.2	55
115	Ultrafiltration membrane fouling induced by humic acid with typical inorganic salts. <i>Chemosphere</i> , 2018, 197, 793-802.	8.2	40
116	Hierarchical Nanotubular Anatase/Rutile/TiO ₂ (B) Heterophase Junction with Oxygen Vacancies for Enhanced Photocatalytic H ₂ Production. <i>Langmuir</i> , 2018, 34, 1883-1889.	3.5	85
117	Effects of bromide on the formation and transformation of disinfection by-products during chlorination and chloramination. <i>Science of the Total Environment</i> , 2018, 625, 252-261.	8.0	35
118	Tungsten-Assisted Phase Tuning of Molybdenum Carbide for Efficient Electrocatalytic Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2451-2459.	8.0	33
119	Interface Stabilization of Undercoordinated Iron Centers on Manganese Oxides for Nature-Inspired Peroxide Activation. <i>ACS Catalysis</i> , 2018, 8, 1090-1096.	11.2	105
120	Intensification of anodic charge transfer by contaminant degradation for efficient H ₂ production. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10297-10303.	10.3	28
121	Facile Dispersion of Nanosized NiFeP for Highly Effective Catalysis of Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7206-7211.	6.7	46
122	Decomplexation of Cu(II)-EDTA over oxygen-doped g-C ₃ N ₄ : An available resource towards environmental sustainability. <i>Chemical Engineering Journal</i> , 2018, 345, 138-146.	12.7	35
123	Oxidative removal of quinclorac by permanganate through a rate-limiting [3 + 2] cycloaddition reaction. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 790-797.	3.5	11
124	Strongly coupled polyoxometalates/oxygen doped g-C ₃ N ₄ nanocomposites as Fenton-like catalysts for efficient photodegradation of sulfosalicylic acid. <i>Catalysis Communications</i> , 2018, 112, 63-67.	3.3	34
125	Fe(II)-regulated moderate pre-oxidation of <i>Microcystis aeruginosa</i> and formation of size-controlled algae flocs for efficient flotation of algae cell and organic matter. <i>Water Research</i> , 2018, 137, 57-63.	11.3	46
126	Insight into the adsorption of tetracycline onto amino and amino-Fe ³⁺ functionalized mesoporous silica: Effect of functionalized groups. <i>Journal of Environmental Sciences</i> , 2018, 65, 171-178.	6.1	30

#	ARTICLE	IF	CITATIONS
127	Comparison of the effects of aluminum and iron(III) salts on ultrafiltration membrane biofouling in drinking water treatment. <i>Journal of Environmental Sciences</i> , 2018, 63, 96-104.	6.1	15
128	Determination of pKa and the corresponding structures of quinclorac using combined experimental and theoretical approaches. <i>Journal of Molecular Structure</i> , 2018, 1152, 53-60.	3.6	11
129	Effect of ozonation on the characteristics of effluent organic matter fractions and subsequent associations with disinfection by-products formation. <i>Science of the Total Environment</i> , 2018, 610-611, 1057-1064.	8.0	53
130	Adsorption combined with superconducting high gradient magnetic separation technique used for removal of arsenic and antimony. <i>Journal of Hazardous Materials</i> , 2018, 343, 36-48.	12.4	66
131	Rapidly catalysis of oxygen evolution through sequential engineering of vertically layered FeNi structure. <i>Nano Energy</i> , 2018, 43, 359-367.	16.0	49
132	Nitrate electro-sorption/reduction in capacitive deionization using a novel Pd/NiAl-layered metal oxide film electrode. <i>Chemical Engineering Journal</i> , 2018, 335, 475-482.	12.7	43
133	Disordering the Atomic Structure of Co(II) Oxide via δ -Doping: An Efficient Oxygen Vacancy Introduction Approach for High Oxygen Evolution Reaction Electrocatalysts. <i>Small</i> , 2018, 14, e1802760.	10.0	88
134	Efficient design principle for interfacial charge separation in hydrogen-intercalated nonstoichiometric oxides. <i>Nano Energy</i> , 2018, 53, 887-897.	16.0	27
135	Moderate KMnO_4 -Fe(II) pre-oxidation for alleviating ultrafiltration membrane fouling by algae during drinking water treatment. <i>Water Research</i> , 2018, 142, 96-104.	11.3	51
136	Integrated Fe-based floc-membrane process for alleviating ultrafiltration membrane fouling by humic acid and reservoir water. <i>Journal of Membrane Science</i> , 2018, 563, 873-881.	8.2	20
137	Site-specific surface tailoring for metal ion selectivity <i>via</i> under-coordinated structure engineering. <i>Nanoscale Horizons</i> , 2018, 3, 632-639.	8.0	3
138	Oxygen Doping to Optimize Atomic Hydrogen Binding Energy on NiCoP for Highly Efficient Hydrogen Evolution. <i>Small</i> , 2018, 14, e1800421.	10.0	122
139	Speciation matching mechanisms between orthophosphate and aluminum species during advanced P removal process. <i>Science of the Total Environment</i> , 2018, 642, 1311-1319.	8.0	13
140	Multi-electric field modulation for photocatalytic oxygen evolution: Enhanced charge separation by coupling oxygen vacancies with faceted heterostructures. <i>Nano Energy</i> , 2018, 51, 764-773.	16.0	88
141	Capacitive deionization from reconstruction of NiCoAl-mixed metal oxide film electrode based on the α -memory effect. <i>Applied Surface Science</i> , 2018, 459, 767-773.	6.1	16
142	Enhanced indirect atomic H^* reduction at a hybrid Pd/graphene cathode for electrochemical dechlorination under low negative potentials. <i>Environmental Science: Nano</i> , 2018, 5, 2282-2292.	4.3	57
143	Development of nitrogen-doped carbon for selective metal ion capture. <i>Chemical Engineering Journal</i> , 2018, 350, 608-615.	12.7	85
144	Pore Structure-Dependent Mass Transport in Flow-through Electrodes for Water Remediation. <i>Environmental Science & Technology</i> , 2018, 52, 7477-7485.	10.0	36

#	ARTICLE	IF	CITATIONS
145	Highly efficient and sustainable non-precious-metal Fe@N-C electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2527-2539.	10.3	214
146	Facet-dependent intermediate formation and reaction mechanism of photocatalytic removing hydrophobic anthracene under simulated solar irradiation. <i>Applied Catalysis B: Environmental</i> , 2017, 206, 194-202.	20.2	19
147	Nanostructure-induced colored TiO ₂ array photoelectrodes with full solar spectrum harvesting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3145-3151.	10.3	19
148	Synthesis of Ce(III)-doped Fe ₃ O ₄ magnetic particles for efficient removal of antimony from aqueous solution. <i>Journal of Hazardous Materials</i> , 2017, 329, 193-204.	12.4	154
149	Reductive dechlorination of trichloroacetic acid (TCAA) by electrochemical process over Pd-In/Al ₂ O ₃ catalyst. <i>Electrochimica Acta</i> , 2017, 232, 13-21.	5.2	52
150	Identification of Al ₁₃ on the Colloid Surface Using Surface-Enhanced Raman Spectroscopy. <i>Environmental Science & Technology</i> , 2017, 51, 2899-2906.	10.0	13
151	Preparation of hollow Fe-Al binary metal oxyhydroxide for efficient aqueous fluoride removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 580-589.	4.7	18
152	Porous Nanobimetallic Fe@Mn Cubes with High Valent Mn and Highly Efficient Removal of Arsenic(III). <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14868-14877.	8.0	42
153	Enhanced Oxidation of Tetracycline by Permanganate via the Alkali-Induced Alteration of the Highest Occupied Molecular Orbital and the Electrostatic Potential. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 4703-4708.	3.7	12
154	Synergistic process using Fe hydrolytic flocs and ultrafiltration membrane for enhanced antimony(V) removal. <i>Journal of Membrane Science</i> , 2017, 537, 93-100.	8.2	34
155	Aggregation and Dissociation of Aqueous Al ₁₃ Induced by Fluoride Substitution. <i>Environmental Science & Technology</i> , 2017, 51, 6279-6287.	10.0	16
156	Antifouling by pre-deposited Al hydrolytic flocs on ultrafiltration membrane in the presence of humic acid and bovine serum albumin. <i>Journal of Membrane Science</i> , 2017, 538, 34-40.	8.2	19
157	Enhanced antimony(V) removal using synergistic effects of Fe hydrolytic flocs and ultrafiltration membrane with sludge discharge evaluation. <i>Water Research</i> , 2017, 121, 171-177.	11.3	37
158	The removal efficiency and insight into the mechanism of para arsanilic acid adsorption on Fe-Mn framework. <i>Science of the Total Environment</i> , 2017, 601-602, 713-722.	8.0	32
159	Boosting photoelectrochemical activities of heterostructured photoanodes through interfacial modulation of oxygen vacancies. <i>Nano Energy</i> , 2017, 35, 290-298.	16.0	59
160	Transformation of para arsanilic acid by manganese oxide: Adsorption, oxidation, and influencing factors. <i>Water Research</i> , 2017, 116, 126-134.	11.3	75
161	Dual-Functional Ice/Water Interface Allows High-Yield Formation of Al ₁₃ with Low Energy. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8513-8517.	6.7	1
162	Photoactuation Healing of FeOOH@N ₃ C ₄ Catalyst for Efficient and Stable Activation of Persulfate. <i>Small</i> , 2017, 13, 1702225.	10.0	76

#	ARTICLE	IF	CITATIONS
163	Melem-based derivatives as metal-free photocatalysts for simultaneous reduction of Cr(VI) and degradation of 5-Sulfosalicylic acid. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 162-171.	9.4	17
164	Oxygen vacancy mediated construction of anatase/brookite heterophase junctions for high-efficiency photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2017, 5, 24989-24994.	10.3	81
165	Light absorption modulation of novel Fe ₂ TiO ₅ inverse opals for photoelectrochemical water splitting. <i>New Journal of Chemistry</i> , 2017, 41, 7966-7971.	2.8	18
166	Performance and Mechanisms of Ultrafiltration Membrane Fouling Mitigation by Coupling Coagulation and Applied Electric Field in a Novel Electrocoagulation Membrane Reactor. <i>Environmental Science & Technology</i> , 2017, 51, 8544-8551.	10.0	84
167	Adsorption of aromatic organoarsenic compounds by ferric and manganese binary oxide and description of the associated mechanism. <i>Chemical Engineering Journal</i> , 2017, 309, 577-587.	12.7	95
168	Combined genotoxicity of chlorinated products from tyrosine and benzophenone-4. <i>Journal of Hazardous Materials</i> , 2017, 322, 387-393.	12.4	7
169	Microstructure of carbon nitride affecting synergetic photocatalytic activity: Hydrogen bonds vs. structural defects. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 49-57.	20.2	143
170	Enhanced efficiency in HA removal by electrocoagulation through optimizing flocs properties: Role of current density and pH. <i>Separation and Purification Technology</i> , 2017, 175, 248-254.	7.9	33
171	Probing Coagulation Behavior of Individual Aluminum Species for Removing Corresponding Disinfection Byproduct Precursors: The Role of Specific Ultraviolet Absorbance. <i>PLoS ONE</i> , 2016, 11, e0148020.	2.5	4
172	New Insights into Defect-Mediated Heterostructures for Photoelectrochemical Water Splitting. <i>Advanced Energy Materials</i> , 2016, 6, 1502268.	19.5	95
173	Magnetically Confined Fe-Mn Bimetallic Oxide Encapsulation as an Efficient and Recoverable Adsorbent for Arsenic(III) Removal. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 323-331.	2.3	22
174	Enhanced oxidative and adsorptive capability towards antimony by copper-doping into magnetite magnetic particles. <i>RSC Advances</i> , 2016, 6, 66990-67001.	3.6	39
175	Utilization of annealed aluminum hydroxide waste with incorporated fluoride for adsorptive removal of heavy metals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 504, 95-104.	4.7	6
176	Prechlorination of algae-laden water: The effects of transportation time on cell integrity, algal organic matter release, and chlorinated disinfection byproduct formation. <i>Water Research</i> , 2016, 102, 221-228.	11.3	76
177	Transformation of humic acid and halogenated byproduct formation in UV-chlorine processes. <i>Water Research</i> , 2016, 102, 421-427.	11.3	164
178	Sustainable water environment and water use: A perspective on water resource utilization. <i>Journal of Environmental Sciences</i> , 2016, 50, 1-2.	6.1	3
179	Biomolecule-assisted synthesis of defect-mediated Cd _{1-x} Zn _x S/MoS ₂ /graphene hollow spheres for highly efficient hydrogen evolution. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 16208-16215.	2.8	26
180	Formation of oxygenated polycyclic aromatic hydrocarbons from polycyclic aromatic hydrocarbons during aerobic activated sludge treatment and their removal process. <i>Chemical Engineering Journal</i> , 2016, 302, 50-57.	12.7	28

#	ARTICLE	IF	CITATIONS
181	Modification of ultrafiltration membrane with iron/aluminum mixed hydrolyzed precipitate layer for humic acid fouling reduction. <i>Desalination and Water Treatment</i> , 2016, 57, 26022-26030.	1.0	1
182	Efficient conversion of dimethylarsinate into arsenic and its simultaneous adsorption removal over FeCx/N-doped carbon fiber composite in an electro-Fenton process. <i>Water Research</i> , 2016, 100, 57-64.	11.3	71
183	Simultaneous surface-adsorbed organic matter desorption and cell integrity maintenance by moderate prechlorination to enhance <i>Microcystis aeruginosa</i> removal in KMnO ₄ /Fe(II) process. <i>Water Research</i> , 2016, 105, 551-558.	11.3	38
184	Enhanced Electroreductive Removal of Bromate by a Supported Pd-In Bimetallic Catalyst: Kinetics and Mechanism Investigation. <i>Environmental Science & Technology</i> , 2016, 50, 11872-11878.	10.0	39
185	Substitution Boosts Charge Separation for High Solar-Driven Photocatalytic Performance. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26783-26793.	8.0	39
186	An activated carbon fiber cathode for the degradation of glyphosate in aqueous solutions by the Electro-Fenton mode: Optimal operational conditions and the deposition of iron on cathode on electrode reusability. <i>Water Research</i> , 2016, 105, 575-582.	11.3	99
187	Highly Active and Stable Catalysts of Phytic Acid-Derivative Transition Metal Phosphides for Full Water Splitting. <i>Journal of the American Chemical Society</i> , 2016, 138, 14686-14693.	13.7	647
188	Earth-Rich Transition Metal Phosphide for Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2016, 6, 1600087.	19.5	437
189	Dechlorination of Trichloroacetic Acid Using a Noble Metal-Free Graphene-Cu Foam Electrode via Direct Cathodic Reduction and Atomic H*. <i>Environmental Science & Technology</i> , 2016, 50, 3829-3837.	10.0	169
190	Fabrication of FeOOH hollow microboxes for purification of heavy metal-contaminated water. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9437-9445.	2.8	28
191	Utilization of aluminum hydroxide waste generated in fluoride adsorption and coagulation processes for adsorptive removal of cadmium ion. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 467-476.	6.0	10
192	Two-dimensional layered MoS ₂ : rational design, properties and electrochemical applications. <i>Energy and Environmental Science</i> , 2016, 9, 1190-1209.	30.8	532
193	Coagulation behaviors of aluminum salts towards fluoride: Significance of aluminum speciation and transformation. <i>Separation and Purification Technology</i> , 2016, 165, 137-144.	7.9	47
194	An effective method for improving electrocoagulation process: Optimization of Al ₁₃ polymer formation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 234-240.	4.7	46
195	Efficient Nitrate Reduction in a Fluidized Electrochemical Reactor Promoted by Pd-Sn/AC Particles. <i>Catalysis Letters</i> , 2016, 146, 91-99.	2.6	36
196	KMnO ₄ /Fe(II) pretreatment to enhance <i>Microcystis aeruginosa</i> removal by aluminum coagulation: Does it work after long distance transportation?. <i>Water Research</i> , 2016, 88, 127-134.	11.3	67
197	Biomolecule-assisted self-assembly of CdS/MoS ₂ /graphene hollow spheres as high-efficiency photocatalysts for hydrogen evolution without noble metals. <i>Applied Catalysis B: Environmental</i> , 2016, 182, 504-512.	20.2	175
198	Enhanced Photoelectrocatalytic Decomposition of Copper Cyanide Complexes and Simultaneous Recovery of Copper with a Bi ₂ MoO ₆ Electrode under Visible Light by EDTA/K ₄ P ₂ O ₇ . <i>Environmental Science & Technology</i> , 2015, 49, 4567-4574.	10.0	45

#	ARTICLE	IF	CITATIONS
199	Defluoridation by Al-based coagulation and adsorption: Species transformation of aluminum and fluoride. <i>Separation and Purification Technology</i> , 2015, 148, 68-75.	7.9	34
200	Sulfur-based mixotrophic denitrification corresponding to different electron donors and microbial profiling in anoxic fluidized-bed membrane bioreactors. <i>Water Research</i> , 2015, 85, 422-431.	11.3	134
201	$\hat{1}\pm$ - and $\hat{1}^3$ -Fe ₂ O ₃ nanoparticle/nitrogen doped carbon nanotube catalysts for high-performance oxygen reduction reaction. <i>Science China Materials</i> , 2015, 58, 683-692.	6.3	73
202	Modification of ultrafiltration membrane with nanoscale zerovalent iron layers for humic acid fouling reduction. <i>Water Research</i> , 2015, 71, 140-149.	11.3	53
203	Denitrification of groundwater using a sulfur-oxidizing autotrophic denitrifying anaerobic fluidized-bed MBR: performance and bacterial community structure. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2815-2827.	3.6	109
204	Ionic Liquid Assisted Electrospun Cellulose Acetate Fibers for Aqueous Removal of Triclosan. <i>Langmuir</i> , 2015, 31, 1820-1827.	3.5	24
205	Elimination of polar micropollutants and anthropogenic markers by wastewater treatment in Beijing, China. <i>Chemosphere</i> , 2015, 119, 1054-1061.	8.2	79
206	Removal of Se(IV) and Se(VI) from drinking water by coagulation. <i>Separation and Purification Technology</i> , 2015, 142, 65-70.	7.9	61
207	Optimization and control of Electro-Fenton process by pH inflection points: A case of treating acrylic fiber manufacturing wastewater. <i>Chemical Engineering Journal</i> , 2015, 269, 399-407.	12.7	27
208	Effect of aluminum speciation on ultrafiltration membrane fouling by low dose aluminum coagulation with bovine serum albumin (BSA). <i>Journal of Membrane Science</i> , 2015, 492, 88-94.	8.2	24
209	Adsorption of antimony(V) onto Mn(II)-enriched surfaces of manganese-oxide and Fe Mn binary oxide. <i>Chemosphere</i> , 2015, 138, 616-624.	8.2	82
210	Redox Conversion of Chromium(VI) and Arsenic(III) with the Intermediates of Chromium(V) and Arsenic(IV) via AuPd/CNTs Electrocatalysis in Acid Aqueous Solution. <i>Environmental Science & Technology</i> , 2015, 49, 9289-9297.	10.0	91
211	Preparation of a manganese dioxide/carbon fiber electrode for electrosorptive removal of copper ions from water. <i>Journal of Colloid and Interface Science</i> , 2015, 446, 359-365.	9.4	63
212	Highly Efficient AuPd/Carbon Nanotube Nanocatalysts for the Electro-Fenton Process. <i>Chemistry - A European Journal</i> , 2015, 21, 7611-7620.	3.3	30
213	Coagulation of methylated arsenic from drinking water: Influence of methyl substitution. <i>Journal of Hazardous Materials</i> , 2015, 293, 97-104.	12.4	30
214	Removal of tetracycline antibiotics from aqueous solution by amino-Fe (III) functionalized SBA15. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 471, 133-138.	4.7	113
215	Effects of fluoride on the removal of cadmium and phosphate by aluminum coagulation. <i>Journal of Environmental Sciences</i> , 2015, 32, 118-125.	6.1	13
216	Graphene-modified Pd/C cathode and Pd/GAC particles for enhanced electrocatalytic removal of bromate in a continuous three-dimensional electrochemical reactor. <i>Water Research</i> , 2015, 77, 1-12.	11.3	100

#	ARTICLE	IF	CITATIONS
217	Microfluidic Flow through Polyaniline Supported by Lamellar-Structured Graphene for Mass-Transfer-Enhanced Electrocatalytic Reduction of Hexavalent Chromium. <i>Environmental Science & Technology</i> , 2015, 49, 13534-13541.	10.0	98
218	Electric Double-Layer Effects Induce Separation of Aqueous Metal Ions. <i>ACS Nano</i> , 2015, 9, 10922-10930.	14.6	43
219	Reusability of Al-F Hydroxide Precipitates Generated in Adsorption and Coagulation Treatment of Fluoride for Adsorptive Removal of Arsenic. <i>Environmental Engineering Science</i> , 2015, 32, 613-621.	1.6	3
220	Preparation of amino-Fe(III) functionalized mesoporous silica for synergistic adsorption of tetracycline and copper. <i>Chemosphere</i> , 2015, 138, 625-632.	8.2	140
221	Simultaneous removal of Cd(II) and Sb(V) by Fe-Mn binary oxide: Positive effects of Cd(II) on Sb(V) adsorption. <i>Journal of Hazardous Materials</i> , 2015, 300, 847-854.	12.4	88
222	AuPd/Fe ₃ O ₄ -based three-dimensional electrochemical system for efficiently catalytic degradation of 1-butyl-3-methylimidazolium hexafluorophosphate. <i>Electrochimica Acta</i> , 2015, 186, 328-336.	5.2	37
223	Chlorination of tramadol: Reaction kinetics, mechanism and genotoxicity evaluation. <i>Chemosphere</i> , 2015, 141, 282-289.	8.2	26
224	Adsorption of Sb(III) and Sb(V) on Freshly Prepared Ferric Hydroxide (FeOxHy). <i>Environmental Engineering Science</i> , 2015, 32, 95-102.	1.6	61
225	Permanganate oxidation of diclofenac: The pH-dependent reaction kinetics and a ring-opening mechanism. <i>Chemosphere</i> , 2015, 136, 297-304.	8.2	47
226	Visible-Light Induced Photocatalytic Activity of Electrospun-TiO ₂ in Arsenic(III) Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 511-518.	8.0	42
227	Heterogeneous photo-Fenton degradation of acid red B over Fe ₂ O ₃ supported on activated carbon fiber. <i>Journal of Hazardous Materials</i> , 2015, 285, 167-172.	12.4	147
228	Simultaneous removal of arsenic and fluoride by freshly-prepared aluminum hydroxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 466, 147-153.	4.7	28
229	Phosphate Removal from Water Using Novel Fe ²⁺ -KMnO ₄ Process: Significant Role of In Situ-Formed Fe(III). <i>Journal of Environmental Engineering, ASCE</i> , 2015, 141, .	1.4	3
230	Graphene-based transition metal oxide nanocomposites for the oxygen reduction reaction. <i>Nanoscale</i> , 2015, 7, 1250-1269.	5.6	290
231	Effective treatment of cadmium-cyanide complex by a reagent with combined function of oxidation and coagulation. <i>Chemical Engineering Journal</i> , 2015, 262, 96-100.	12.7	13
232	Comparison of iron (III) and alum salt on ultrafiltration membrane fouling by alginate. <i>Desalination</i> , 2014, 354, 153-159.	8.2	19
233	Organic micropollutants in the Yangtze River: Seasonal occurrence and annual loads. <i>Science of the Total Environment</i> , 2014, 472, 789-799.	8.0	102
234	Electrochemical removal of haloacetic acids in a three-dimensional electrochemical reactor with Pd-GAC particles as fixed filler and Pd-modified carbon paper as cathode. <i>Water Research</i> , 2014, 51, 134-143.	11.3	68

#	ARTICLE	IF	CITATIONS
235	Occurrence, behavior and removal of typical substituted and parent polycyclic aromatic hydrocarbons in a biological wastewater treatment plant. <i>Water Research</i> , 2014, 52, 11-19.	11.3	68
236	Oxygenated, nitrated, methyl and parent polycyclic aromatic hydrocarbons in rivers of Haihe River System, China: Occurrence, possible formation, and source and fate in a water-shortage area. <i>Science of the Total Environment</i> , 2014, 481, 178-185.	8.0	85
237	Determination of rapid chlorination rate constants by a stopped-flow spectrophotometric competition kinetics method. <i>Water Research</i> , 2014, 55, 126-132.	11.3	20
238	Efficient electrochemical reduction of bromate by a Pd/rGO/CFP electrode with low applied potentials. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 179-187.	20.2	60
239	Simultaneous destruction of Nickel (II)-EDTA with TiO ₂ /Ti film anode and electrodeposition of nickel ions on the cathode. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 478-485.	20.2	95
240	Effect of low dosage of coagulant on the ultrafiltration membrane performance in feedwater treatment. <i>Water Research</i> , 2014, 51, 277-283.	11.3	60
241	Fragmentation of typical sulfonamide drugs via heterolytic bond cleavage and stepwise rearrangement. <i>RSC Advances</i> , 2014, 4, 48426-48432.	3.6	25
242	Mn(VII)→Fe(II) pre-treatment for <i>Microcystis aeruginosa</i> removal by Al coagulation: Simultaneous enhanced cyanobacterium removal and residual coagulant control. <i>Water Research</i> , 2014, 65, 73-84.	11.3	48
243	Respective Role of Fe and Mn Oxide Contents for Arsenic Sorption in Iron and Manganese Binary Oxide: An X-ray Absorption Spectroscopy Investigation. <i>Environmental Science & Technology</i> , 2014, 48, 10316-10322.	10.0	200
244	Facile Synthesis of Graphite-Reduced Graphite Oxide Core→Sheath Fiber via Direct Exfoliation of Carbon Fiber for Supercapacitor Application. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9496-9502.	8.0	30
245	Characterization of dissolved organic matter from surface waters with low to high dissolved organic carbon and the related disinfection byproduct formation potential. <i>Journal of Hazardous Materials</i> , 2014, 271, 228-235.	12.4	54
246	Reaction of Cu(CN) ₃ ²⁻ with H ₂ O ₂ in water under alkaline conditions: Cyanide oxidation, Cu ⁺ /Cu ²⁺ catalysis and H ₂ O ₂ decomposition. <i>Applied Catalysis B: Environmental</i> , 2014, 158-159, 85-90.	20.2	66
247	Phosphate removal from water using freshly formed Fe→Mn binary oxide: Adsorption behaviors and mechanisms. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 455, 11-18.	4.7	117
248	Adsorption of Cu(II)→EDTA chelates on tri-ammonium-functionalized mesoporous silica from aqueous solution. <i>Separation and Purification Technology</i> , 2013, 117, 118-123.	7.9	90
249	Polycyclic aromatic hydrocarbons in wastewater, WWTPs effluents and in the recipient waters of Beijing, China. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4254-4260.	5.3	50
250	Species distribution of arsenic in sediments after an unexpected emergent discharge of high-arsenic wastewater into a river. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 568-578.	6.0	5
251	Removal and transformation characterization of refractory components from biologically treated landfill leachate by Fe ²⁺ /NaClO and Fenton oxidation. <i>Separation and Purification Technology</i> , 2013, 116, 107-113.	7.9	35
252	Improvement of aqueous mercury adsorption on activated coke by thiol-functionalization. <i>Chemical Engineering Journal</i> , 2013, 228, 925-934.	12.7	99

#	ARTICLE	IF	CITATIONS
253	Disinfection by-products formation and precursors transformation during chlorination and chloramination of highly-polluted source water: Significance of ammonia. <i>Water Research</i> , 2013, 47, 5901-5910.	11.3	72
254	Removal of arsenic(III) from aqueous solution using a low-cost by-product in Fe-removal plants—Fe-based backwashing sludge. <i>Chemical Engineering Journal</i> , 2013, 226, 393-401.	12.7	57
255	Simultaneous determination of typical substituted and parent polycyclic aromatic hydrocarbons in water and solid matrix by gas chromatography—mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1291, 129-136.	3.7	37
256	Treatment of low-turbidity source water by permanganate pre-oxidation: In situ formed hydrous manganese dioxide as filter aid. <i>Separation and Purification Technology</i> , 2013, 117, 69-74.	7.9	14
257	Effect of iron/aluminum hydrolyzed precipitate layer on ultrafiltration membrane. <i>Desalination</i> , 2013, 330, 16-21.	8.2	23
258	Effects of fluoride on coagulation performance of aluminum chloride towards Kaolin suspension. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 421, 84-90.	4.7	28
259	Photoelectrocatalytic Oxidation of Cu ^{II} —EDTA at the TiO ₂ Electrode and Simultaneous Recovery of Cu ^{II} by Electrodeposition. <i>Environmental Science & Technology</i> , 2013, 47, 4480-4488.	10.0	151
260	Removal of glyphosate from water by electrochemically assisted MnO ₂ oxidation process. <i>Separation and Purification Technology</i> , 2013, 117, 30-34.	7.9	34
261	Adsorptive removal of phosphate by a nanostructured Fe—Al—Mn trimetal oxide adsorbent. <i>Powder Technology</i> , 2013, 233, 146-154.	4.2	268
262	Chlorination and chloramination of high-bromide natural water: DBPs species transformation. <i>Separation and Purification Technology</i> , 2013, 102, 86-93.	7.9	49
263	As(III) Oxidation by Active Chlorine and Subsequent Removal of As(V) by Al ₁₃ Polymer Coagulation Using a Novel Dual Function Reagent. <i>Environmental Science & Technology</i> , 2012, 46, 6776-6782.	10.0	42
264	Sources and Pathways of Nutrients in the Semi-Arid Region of Beijing—Tianjin, China. <i>Environmental Science & Technology</i> , 2012, 46, 5294-5301.	10.0	103
265	Organic Micropollutants in Rivers Downstream of the Megacity Beijing: Sources and Mass Fluxes in a Large-Scale Wastewater Irrigation System. <i>Environmental Science & Technology</i> , 2012, 46, 8680-8688.	10.0	138
266	Effect of moderate pre-oxidation on the removal of <i>Microcystis aeruginosa</i> by KMnO ₄ —Fe(II) process: Significance of the in-situ formed Fe(III). <i>Water Research</i> , 2012, 46, 73-81.	11.3	107
267	Combination of electroreduction with biosorption for enhancement for removal of hexavalent chromium. <i>Journal of Colloid and Interface Science</i> , 2012, 385, 147-153.	9.4	29
268	Adsorption of nitrate and nitrite from aqueous solution onto calcined (Mg—Al) hydrotalcite of different Mg/Al ratio. <i>Chemical Engineering Journal</i> , 2012, 195-196, 241-247.	12.7	123
269	Characterization of flocs generated by preformed and in situ formed Al ₁₃ polymer. <i>Chemical Engineering Journal</i> , 2012, 197, 10-15.	12.7	30
270	Catalyzing denitrification of <i>Paracoccus versutus</i> by immobilized 1,5-dichloroanthraquinone. <i>Biodegradation</i> , 2012, 23, 399-405.	3.0	15

#	ARTICLE	IF	CITATIONS
271	The electrocatalytic dechlorination of chloroacetic acids at electrodeposited Pd/Fe-modified carbon paper electrode. <i>Applied Catalysis B: Environmental</i> , 2012, 111-112, 628-635.	20.2	120
272	Effect of dosage strategy on Al-humic flocs growth and re-growth. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 404, 106-111.	4.7	31
273	Arsenate uptake and arsenite simultaneous sorption and oxidation by Fe-Mn binary oxides: Influence of Mn/Fe ratio, pH, Ca ²⁺ , and humic acid. <i>Journal of Colloid and Interface Science</i> , 2012, 366, 141-146.	9.4	108
274	Bromate removal by electrochemical reduction at boron-doped diamond electrode. <i>Electrochimica Acta</i> , 2012, 62, 181-184.	5.2	53
275	Biological catalyzed denitrification by a functional electropolymerization biocarrier modified by redox mediator. <i>Bioresource Technology</i> , 2012, 107, 144-150.	9.6	33
276	Removal of tetracycline from water by Fe-Mn binary oxide. <i>Journal of Environmental Sciences</i> , 2012, 24, 242-247.	6.1	125
277	Optimum conditions for the formation of Al ₁₃ polymer and active chlorine in electrolysis process with Ti/RuO ₂ -TiO ₂ anodes. <i>Journal of Environmental Sciences</i> , 2012, 24, 297-302.	6.1	7
278	Removal of natural organic matter for controlling disinfection by-products formation by enhanced coagulation: A case study. <i>Separation and Purification Technology</i> , 2012, 84, 41-45.	7.9	41
279	Effects and mechanisms of pre-chlorination on <i>Microcystis aeruginosa</i> removal by alum coagulation: Significance of the released intracellular organic matter. <i>Separation and Purification Technology</i> , 2012, 86, 19-25.	7.9	135
280	Effect of aluminum speciation on arsenic removal during coagulation process. <i>Separation and Purification Technology</i> , 2012, 86, 35-40.	7.9	86
281	Simultaneous removal of arsenate and fluoride by iron and aluminum binary oxide: Competitive adsorption effects. <i>Separation and Purification Technology</i> , 2012, 92, 100-105.	7.9	59
282	Chlorination of <i>Microcystis aeruginosa</i> suspension: Cell lysis, toxin release and degradation. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 279-285.	12.4	95
283	Partitioning and sources of PAHs in wastewater receiving streams of Tianjin, China. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 1847-1855.	2.7	9
284	Improvement of metal adsorption onto chitosan/ <i>Sargassum</i> sp. composite sorbent by an innovative ion-imprint technology. <i>Water Research</i> , 2011, 45, 145-154.	11.3	152
285	Characteristic transformation of humic acid during photoelectrocatalysis process and its subsequent disinfection byproduct formation potential. <i>Water Research</i> , 2011, 45, 6131-6140.	11.3	78
286	Fabrication and photoelectrocatalytic properties of nanocrystalline monoclinic BiVO ₄ thin-film electrode. <i>Journal of Environmental Sciences</i> , 2011, 23, 151-159.	6.1	52
287	Study of a combined sulfur autotrophic with proton-exchange membrane electrodiolytic denitrification technology: Sulfate control and pH balance. <i>Bioresource Technology</i> , 2011, 102, 10803-10809.	9.6	17
288	Defluoridation by freshly prepared aluminum hydroxides. <i>Chemical Engineering Journal</i> , 2011, 175, 144-149.	12.7	57

#	ARTICLE	IF	CITATIONS
289	Simultaneous removal of arsenite and fluoride via an integrated electro-oxidation and electrocoagulation process. <i>Chemosphere</i> , 2011, 83, 726-729.	8.2	64
290	Polycyclic aromatic hydrocarbons in effluents from wastewater treatment plants and receiving streams in Tianjin, China. <i>Environmental Monitoring and Assessment</i> , 2011, 177, 467-480.	2.7	22
291	PAH desorption from sediments with different contents of organic carbon from wastewater receiving rivers. <i>Environmental Science and Pollution Research</i> , 2011, 18, 346-354.	5.3	17
292	Preparation and characterization of chitosan encapsulated <i>Sargassum</i> sp. biosorbent for nickel ions sorption. <i>Bioresource Technology</i> , 2011, 102, 2821-2828.	9.6	83
293	Aluminum speciation of coagulants with low concentration: Analysis by electrospray ionization mass spectrometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 379, 43-50.	4.7	27
294	Photocatalytic reduction of bromate at C60 modified Bi ₂ MoO ₆ under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2011, , .	20.2	12
295	Arsenic removal from a high-arsenic wastewater using in situ formed Fe-Mn binary oxide combined with coagulation by poly-aluminum chloride. <i>Journal of Hazardous Materials</i> , 2011, 185, 990-995.	12.4	33
296	Formation of disinfection by-products in the chlorination of ammonia-containing effluents: Significance of Cl ₂ /N ratios and the DOM fractions. <i>Journal of Hazardous Materials</i> , 2011, 190, 645-651.	12.4	27
297	Application of nuclear magnetic resonance spectroscopy, Fourier transform infrared spectroscopy, UV-Visible spectroscopy and kinetic modeling for elucidation of adsorption chemistry in uptake of tetracycline by zeolite beta. <i>Journal of Colloid and Interface Science</i> , 2011, 354, 261-267.	9.4	65
298	Effect of Hydrous Manganese Dioxide on the Treatment of Low-Turbidity Source Water: Plant-Scale Experience. <i>Journal of Environmental Engineering, ASCE</i> , 2011, 137, 481-486.	1.4	7
299	Arsenic Species Transformation and Transportation in Arsenic Removal by Fe-Mn Binary Oxide-Coated Diatomite: Pilot-Scale Field Study. <i>Journal of Environmental Engineering, ASCE</i> , 2011, 137, 1122-1127.	1.4	14
300	Treatment of dye wastewater with permanganate oxidation and in situ formed manganese dioxides adsorption: Cation blue as model pollutant. <i>Journal of Hazardous Materials</i> , 2010, 176, 926-931.	12.4	42
301	Effect of chlorination and ozone pre-oxidation on the photobacteria acute toxicity for dissolved organic matter from sewage treatment plants. <i>Science China Chemistry</i> , 2010, 53, 2394-2398.	8.2	5
302	Bio-electrochemical denitrification by a novel proton-exchange membrane electrodialysis system—a batch mode study. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1540-1546.	3.2	7
303	Systematic study of synergistic and antagonistic effects on adsorption of tetracycline and copper onto a chitosan. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 117-125.	9.4	229
304	Removal of arsenite by simultaneous electro-oxidation and electro-coagulation process. <i>Journal of Hazardous Materials</i> , 2010, 184, 472-476.	12.4	78
305	Visible-light sensitive cobalt-doped BiVO ₄ (Co-BiVO ₄) photocatalytic composites for the degradation of methylene blue dye in dilute aqueous solutions. <i>Applied Catalysis B: Environmental</i> , 2010, 99, 214-221.	20.2	285
306	Photoelectrocatalytic degradation of organic contaminant at hybrid BDD-ZnWO ₄ electrode. <i>Catalysis Communications</i> , 2010, 12, 76-79.	3.3	15

#	ARTICLE	IF	CITATIONS
307	The influence of colloids on the geochemical behavior of metals in polluted water using as an example Yongdingxin River, Tianjin, China. <i>Chemosphere</i> , 2010, 78, 360-367.	8.2	33
308	The effects of different nitrogen compounds on the growth and microcystin production of <i>Microcystis aeruginosa</i> . <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2009, 58, 277-284.	1.4	4
309	Mechanism of Cu(II)-catalyzed monochloramine decomposition in aqueous solution. <i>Science of the Total Environment</i> , 2009, 407, 4105-4109.	8.0	14
310	Characterization of dissolved organic matter fractions and its relationship with the disinfection by-product formation. <i>Journal of Environmental Sciences</i> , 2009, 21, 54-61.	6.1	28
311	Fabrication of TiO ₂ /Ti nanotube electrode and the photoelectrochemical behaviors in NaCl solutions. <i>Journal of Solid State Electrochemistry</i> , 2009, 13, 1959-1964.	2.5	11
312	Removal of persistent organic pollutants from micro-polluted drinking water by triolein embedded absorbent. <i>Bioresource Technology</i> , 2009, 100, 2995-3002.	9.6	33
313	Effects of amino acids on microcystin production of the <i>Microcystis aeruginosa</i> . <i>Journal of Hazardous Materials</i> , 2009, 161, 730-736.	12.4	70
314	Characterization of isolated fractions of dissolved organic matter from sewage treatment plant and the related disinfection by-products formation potential. <i>Journal of Hazardous Materials</i> , 2009, 164, 1433-1438.	12.4	137
315	Adsorption behavior and mechanism of arsenate at Fe ²⁺ /Mn binary oxide/water interface. <i>Journal of Hazardous Materials</i> , 2009, 168, 820-825.	12.4	194
316	Study of a combined heterotrophic and sulfur autotrophic denitrification technology for removal of nitrate in water. <i>Journal of Hazardous Materials</i> , 2009, 169, 23-28.	12.4	121
317	Cu(II)-catalyzed THM formation during water chlorination and monochloramination: A comparison study. <i>Journal of Hazardous Materials</i> , 2009, 170, 58-65.	12.4	34
318	Effect of pH on the aluminum salts hydrolysis during coagulation process: Formation and decomposition of polymeric aluminum species. <i>Journal of Colloid and Interface Science</i> , 2009, 330, 105-112.	9.4	113
319	Effects of calcium ions on surface characteristics and adsorptive properties of hydrous manganese dioxide. <i>Journal of Colloid and Interface Science</i> , 2009, 331, 275-280.	9.4	72
320	Role of the Mg/Al atomic ratio in hydrotalcite-supported Pd/Sn catalysts for nitrate adsorption and hydrogenation reduction. <i>Journal of Colloid and Interface Science</i> , 2009, 332, 151-157.	9.4	44
321	Removal of phosphate from water by a Fe ²⁺ /Mn binary oxide adsorbent. <i>Journal of Colloid and Interface Science</i> , 2009, 335, 168-174.	9.4	356
322	Fe ²⁺ /Mn binary oxide incorporated into diatomite as an adsorbent for arsenite removal: Preparation and evaluation. <i>Journal of Colloid and Interface Science</i> , 2009, 338, 353-358.	9.4	99
323	Coagulation of humic acid by PACl with high content of Al ¹³ : The role of aluminum speciation. <i>Separation and Purification Technology</i> , 2009, 70, 225-230.	7.9	93
324	Preparation and characterization of a novel silica aerogel as adsorbent for toxic organic compounds. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 347, 38-44.	4.7	95

#	ARTICLE	IF	CITATIONS
325	Photoelectrochemical degradation of anti-inflammatory pharmaceuticals at Bi ₂ MoO ₆ boron-doped diamond hybrid electrode under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2009, 91, 539-545.	20.2	84
326	Using the combined bioelectrochemical and sulfur autotrophic denitrification system for groundwater denitrification. <i>Bioresource Technology</i> , 2009, 100, 142-148.	9.6	81
327	Effect of Aluminum Speciation and Structure Characterization on Preferential Removal of Disinfection Byproduct Precursors by Aluminum Hydroxide Coagulation. <i>Environmental Science & Technology</i> , 2009, 43, 5067-5072.	10.0	76
328	Species transformation and structure variation of fulvic acid during ozonation. <i>Science in China Series B: Chemistry</i> , 2008, 51, 373-378.	0.8	5
329	Proportion of bromo-DBPs in total DBPs during reclaimed-water chlorination and its related influencing factors. <i>Science in China Series B: Chemistry</i> , 2008, 51, 1000-1008.	0.8	8
330	Formation and distribution of disinfection by-products during chlorine disinfection in the presence of bromide ion. <i>Science Bulletin</i> , 2008, 53, 2717-2723.	9.0	9
331	Removal of disinfection by-products precursors by polyaluminum chloride coagulation coupled with chlorination. <i>Separation and Purification Technology</i> , 2008, 62, 464-469.	7.9	33
332	Isolation of dissolved organic matter in effluents from sewage treatment plant and evaluation of the influences on its DBPs formation. <i>Separation and Purification Technology</i> , 2008, 64, 31-37.	7.9	20
333	Cyanobacteria and their toxins in Guanting Reservoir of Beijing, China. <i>Journal of Hazardous Materials</i> , 2008, 153, 470-477.	12.4	52
334	Mineralization of an azo dye Acid Red 14 by photoelectro-Fenton process using an activated carbon fiber cathode. <i>Applied Catalysis B: Environmental</i> , 2008, 84, 393-399.	20.2	154
335	Nitrobenzene biodegradation ability of microbial communities in water and sediments along the Songhua River after a nitrobenzene pollution event. <i>Journal of Environmental Sciences</i> , 2008, 20, 778-786.	6.1	42
336	Phototransformation of nitrobenzene in the Songhua River: Kinetics and photoproduct analysis. <i>Journal of Environmental Sciences</i> , 2008, 20, 787-795.	6.1	20
337	Characterization of the Songhua River sediments and evaluation of their adsorption behavior for nitrobenzene. <i>Journal of Environmental Sciences</i> , 2008, 20, 796-802.	6.1	26
338	Relationship of energy charge and toxin content of <i>Microcystis aeruginosa</i> in nitrogen-limited or phosphorous-limited cultures. <i>Toxicon</i> , 2008, 51, 649-658.	1.6	40
339	Effect of preozonation on the characteristic transformation of fulvic acid and its subsequent trichloromethane formation potential: Presence or absence of bicarbonate. <i>Chemosphere</i> , 2008, 71, 1639-1645.	8.2	18
340	Role of Aluminum Speciation in the Removal of Disinfection Byproduct Precursors by a Coagulation Process. <i>Environmental Science & Technology</i> , 2008, 42, 5752-5758.	10.0	123
341	Electrochemical Degradation of Cyanobacterial Toxin Microcystin-LR Using Ti/RuO ₂ Electrodes in a Continuous Tubular Reactor. <i>Environmental Engineering Science</i> , 2008, 25, 635-642.	1.6	16
342	Preparation and evaluation of a novel Fe-Mn binary oxide adsorbent for effective arsenite removal. <i>Water Research</i> , 2007, 41, 1921-1928.	11.3	538

#	ARTICLE	IF	CITATIONS
343	A biomimetic absorbent for removal of trace level persistent organic pollutants from water. <i>Environmental Pollution</i> , 2007, 147, 337-342.	7.5	16
344	Effects of copper(II) and copper oxides on THMs formation in copper pipe. <i>Chemosphere</i> , 2007, 68, 2153-2160.	8.2	36
345	Photoelectrocatalytic Degradation of Triazine-Containing Azo Dyes at β -Bi ₂ MoO ₆ Film Electrode under Visible Light Irradiation ($\lambda > 420$ Nm). <i>Environmental Science & Technology</i> , 2007, 41, 6802-6807.	10.0	118
346	Adsorption and reduction of nitrate in water on hydrotalcite-supported Pd-Cu catalyst. <i>Catalysis Today</i> , 2007, 126, 476-482.	4.4	38
347	Effect of liquid property on adsorption and catalytic reduction of nitrate over hydrotalcite-supported Pd-Cu catalyst. <i>Journal of Molecular Catalysis A</i> , 2007, 272, 31-37.	4.8	48
348	Removal of dieldrin from aqueous solution by a novel triolein-embedded composite adsorbent. <i>Journal of Hazardous Materials</i> , 2007, 141, 61-69.	12.4	36
349	Development and application of innovative technologies for drinking water quality assurance in China. <i>Frontiers of Environmental Science and Engineering in China</i> , 2007, 1, 257-269.	0.8	13
350	Coagulation Behavior of Aluminum Salts in Eutrophic Water: Significance of Al ¹³ Species and pH Control. <i>Environmental Science & Technology</i> , 2006, 40, 325-331.	10.0	256
351	Electrochemically assisted photocatalytic degradation of Orange II: Influence of initial pH values. <i>Journal of Molecular Catalysis A</i> , 2006, 259, 238-244.	4.8	96
352	Hydrotalcite-supported Pd-Cu catalyst for nitrate adsorption and reduction from water. <i>Science Bulletin</i> , 2006, 51, 1431-1438.	9.0	9
353	Coagulation properties of an electrochemically prepared polyaluminum chloride containing active chlorine. <i>Science Bulletin</i> , 2006, 51, 1955-1960.	1.7	2
354	Coagulation and Disinfection Efficiency of an Electrochemically Prepared Dual-Function Reagent in Municipal Wastewater. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006, 41, 2387-2398.	1.7	1
355	Coagulation behavior of aluminum salts in eutrophic water: significance of Al ¹³ species and pH control. <i>Environmental Science & Technology</i> , 2006, 40, 325-31.	10.0	11
356	Preparation and characterization of polyaluminum chloride containing high content of Al ¹³ and active chlorine. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 260, 109-117.	4.7	40
357	Mineralization of an azo dye Acid Red 14 by electro-Fenton's reagent using an activated carbon fiber cathode. <i>Dyes and Pigments</i> , 2005, 65, 227-233.	3.7	286
358	Inactivation of <i>Microcystis aeruginosa</i> by Continuous Electrochemical Cycling Process in Tube Using Ti/RuO ₂ Electrodes. <i>Environmental Science & Technology</i> , 2005, 39, 4633-4639.	10.0	97
359	Optimum conditions for Al ¹³ polymer formation in PACl preparation by electrolysis process. <i>Chemosphere</i> , 2004, 55, 51-56.	8.2	27
360	Characteristics and formation of [AlO ₄ Al ₁₂ (OH) ₂₄ (H ₂ O) ₁₂] ⁷⁺ in electrolysis process. <i>Science in China Series B: Chemistry</i> , 2002, 45, 515.	0.8	4

#	ARTICLE	IF	CITATIONS
361	Silvered TiO ₂ for Facet-Dependent Photocatalytic Denitrification. ACS Applied Nano Materials, 0, , .	5.0	7