

Jiuhui Qu

List of Publications by Year in descending order

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Version: 2024-02-01

547
papers

36,016
citations

2832

97
h-index

8212

153
g-index

554
all docs

554
docs citations

554
times ranked

32827
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of pharmaceutical in a biogenic/chemical manganese oxide system driven by manganese-oxidizing bacteria with humic acids as sole carbon source. <i>Journal of Environmental Sciences</i> , 2023, 126, 734-741.	3.2	14
2	The Phragmites Root-Inhabiting Microbiome: A Critical Review on Its Composition and Environmental Application. <i>Engineering</i> , 2022, 9, 42-50.	3.2	14
3	Impact of microplastics on the foraging, photosynthesis and digestive systems of submerged carnivorous macrophytes under low and high nutrient concentrations. <i>Environmental Pollution</i> , 2022, 292, 118220.	3.7	31
4	Environmental heterogeneity determines the response patterns of microbially mediated N-reduction processes to sulfamethoxazole in river sediments. <i>Journal of Hazardous Materials</i> , 2022, 421, 126730.	6.5	16
5	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.	3.2	7
6	Profiling microbial removal of micropollutants in sand filters: Biotransformation pathways and associated bacteria. <i>Journal of Hazardous Materials</i> , 2022, 423, 127167.	6.5	14
7	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.	6.5	12
8	Siderophores provoke extracellular superoxide production by <i>Arthrobacter</i> strains during carbon sourcesâ€level fluctuation. <i>Environmental Microbiology</i> , 2022, 24, 894-904.	1.8	5
9	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.	2.3	9
10	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.	6.6	3
11	Persistence of SARS-CoV-2 RNA in wastewater after the end of the COVID-19 epidemics. <i>Journal of Hazardous Materials</i> , 2022, 429, 128358.	6.5	38
12	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.	4.6	48
13	Simultaneous Phenol Removal and Resource Recovery from Phenolic Wastewater by Electrocatalytic Hydrogenation. <i>Environmental Science & Technology</i> , 2022, 56, 4356-4366.	4.6	43
14	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.	5.3	16
15	Oxygenated polycyclic aromatic hydrocarbons in the surface water environment: Occurrence, ecotoxicity, and sources. <i>Environment International</i> , 2022, 163, 107232.	4.8	22
16	Polyethylene microplastics interfere with the nutrient cycle in water-plant-sediment systems. <i>Water Research</i> , 2022, 214, 118191.	5.3	40
17	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.	6.5	16
18	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.	6.6	1

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19	Do NH ₄ ⁺ -N and AOB affect atenolol removal during simulated riverbank filtration?. <i>Chemosphere</i> , 2022, 301, 134653.	4.2	2
20	Synergy of cyano groups and cobalt single atoms in graphitic carbon nitride for enhanced bio-denitrification. <i>Water Research</i> , 2022, 218, 118465.	5.3	19
21	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.	3.9	23
22	Long-term direct ultrafiltration without chemical cleaning for purification of micro-polluted water in rural regions: Feasibility and application prospects. <i>Chemical Engineering Journal</i> , 2022, 443, 136531.	6.6	3
23	Synchronous Moderate Oxidation and Adsorption on the Surface of $\text{Î}^3\text{-MnO}_{2}$ for Efficient Iodide Removal from Water. <i>Environmental Science & Technology</i> , 2022, 56, 9417-9427.	4.6	10
24	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.	4.6	15
25	Interface-modulated nanojunction and microfluidic platform for photoelectrocatalytic chemicals upgrading. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119541.	10.8	29
26	Growth inhibition of <i>Microcystis aeruginosa</i> by sand-filter prevalent manganese-oxidizing bacterium. <i>Separation and Purification Technology</i> , 2021, 256, 117808.	3.9	4
27	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.	3.2	7
28	Hot-Electron-Induced Photothermal Catalysis for Energy-Dependent Molecular Oxygen Activation. <i>Angewandte Chemie</i> , 2021, 133, 4922-4928.	1.6	9
29	Synergistic effect of dual sites on bimetal-organic frameworks for highly efficient peroxide activation. <i>Journal of Hazardous Materials</i> , 2021, 406, 124692.	6.5	52
30	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.	3.2	13
31	Parent and Substitute Polycyclic Aromatic Hydrocarbon Reduction in Urban Rivers—Benefits of the Energy Transition Policy from 2009 to 2017 in Beijing, China. <i>ACS ES&T Water</i> , 2021, 1, 815-824.	2.3	2
32	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.	2.5	16
33	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.	4.6	39
34	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.	7.2	26
35	Synergetic Lipid Extraction with Oxidative Damage Amplifies Cell-Membrane-Destructive Stresses and Enables Rapid Sterilization. <i>Angewandte Chemie</i> , 2021, 133, 7823-7830.	1.6	10
36	Three-Dimensional Analysis of the Natural-Organic-Matter Distribution in the Cake Layer to Precisely Reveal Ultrafiltration Fouling Mechanisms. <i>Environmental Science & Technology</i> , 2021, 55, 5442-5452.	4.6	38

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37	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.	4.0	11
38	“Blue Route”™ for combating climate change. <i>National Science Review</i> , 2021, 8, nwab099.	4.6	2
39	Electricity generation from salinity gradient to remove chromium using reverse electrodialysis coupled with electrocoagulation. <i>Electrochimica Acta</i> , 2021, 379, 138153.	2.6	13
40	U.S.–China Collaboration is Vital to Global Plans for a Healthy Environment and Sustainable Development. <i>Environmental Science & Technology</i> , 2021, 55, 9622-9626.	4.6	10
41	Spatial variation of dissolved organic nitrogen in Wuhan surface waters: Correlation with the occurrence of disinfection byproducts during the COVID-19 pandemic. <i>Water Research</i> , 2021, 198, 117138.	5.3	27
42	Emerging graphitic carbon nitride-based membranes for water purification. <i>Water Research</i> , 2021, 200, 117207.	5.3	53
43	Ultra-fast and onsite interrogation of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in waters via surface enhanced Raman scattering (SERS). <i>Water Research</i> , 2021, 200, 117243.	5.3	77
44	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.	2.7	3
45	Machine learning approach identifies water sample source based on microbial abundance. <i>Water Research</i> , 2021, 199, 117185.	5.3	18
46	<i>In Situ</i> Characterization of Dehydration during Ion Transport in Polymeric Nanochannels. <i>Journal of the American Chemical Society</i> , 2021, 143, 14242-14252.	6.6	89
47	Recovery trajectories and community resilience of biofilms in receiving rivers after wastewater treatment plant upgrade. <i>Environmental Research</i> , 2021, 199, 111349.	3.7	10
48	Transformation of typical components in anaerobically digested sludge during its conditioning process by KMnO ₄ . <i>Resources, Conservation and Recycling</i> , 2021, 171, 105657.	5.3	13
49	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.	4.6	24
50	Manganese oxides in Phragmites rhizosphere accelerates ammonia oxidation in constructed wetlands. <i>Water Research</i> , 2021, 205, 117688.	5.3	32
51	Microplastic residues in wetland ecosystems: Do they truly threaten the plant-microbe-soil system?. <i>Environment International</i> , 2021, 156, 106708.	4.8	115
52	SARS-CoV-2 spillover into hospital outdoor environments. <i>Journal of Hazardous Materials Letters</i> , 2021, 2, 100027.	2.0	33
53	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.	10.8	26
54	Review on heterogeneous oxidation and adsorption for arsenic removal from drinking water. <i>Journal of Environmental Sciences</i> , 2021, 110, 178-188.	3.2	41

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55	Insight into electroreductive activation process of peroxydisulfate for eliminating organic pollution: Essential role of atomic hydrogen. <i>Chemical Engineering Journal</i> , 2021, 426, 128355.	6.6	18
56	Pre-oxidation enhanced cyanobacteria removal in drinking water treatment: A review. <i>Journal of Environmental Sciences</i> , 2021, 110, 160-168.	3.2	30
57	Roadmap for Managing SARS-CoV-2 and other Viruses in the Water Environment for Public Health. <i>Engineering</i> , 2021, , .	3.2	6
58	In Situ Creation of Oxygen Vacancies in Porous Bimetallic La/Zr Sorbent for Aqueous Phosphate: Hierarchical Pores Control Mass Transport and Vacancy Sites Determine Interaction. <i>Environmental Science & Technology</i> , 2020, 54, 437-445.	4.6	34
59	Identification and quantification of bacterial genomes carrying antibiotic resistance genes and virulence factor genes for aquatic microbiological risk assessment. <i>Water Research</i> , 2020, 168, 115160.	5.3	102
60	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.	3.2	17
61	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.	10.8	88
62	Assessing food web health with network topology and stability analysis in aquatic ecosystem. <i>Ecological Indicators</i> , 2020, 109, 105820.	2.6	3
63	Enhanced phosphate removal using zirconium hydroxide encapsulated in quaternized cellulose. <i>Journal of Environmental Sciences</i> , 2020, 89, 102-112.	3.2	32
64	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.	5.3	85
65	Recyclable Printed Circuit Boards and Alkali Reduction Wastewater: Approach to a Sustainable Copper-Based Metal-Organic Framework. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1371-1379.	3.2	21
66	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.	5.2	26
67	Influence of sedimentation with pre-coagulation on ultrafiltration membrane fouling performance. <i>Science of the Total Environment</i> , 2020, 708, 134671.	3.9	14
68	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.	3.2	4
69	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.	4.1	29
70	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.	3.1	25
71	Denitrification enhancement by electro-sorption/reduction using a layered metal oxide electrode loaded with Pd-Cu nanoparticles. <i>Electrochemistry Communications</i> , 2020, 110, 106607.	2.3	11
72	Isotopic and chemical evidence for nitrate sources and transformation processes in a plateau lake basin in Southwest China. <i>Science of the Total Environment</i> , 2020, 711, 134856.	3.9	30

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73	Visualizing the Interfacial Charge Transfer between Photoactive <i>Microcystis aeruginosa</i> and Hydrogenated TiO ₂ . <i>Environmental Science & Technology</i> , 2020, 54, 10323-10332.	4.6	21
74	Effects of a spatially heterogeneous nutrient distribution on the growth of clonal wetland plants. <i>BMC Ecology</i> , 2020, 20, 59.	3.0	14
75	Survey-based approach to establish macrobenthic biological network in lakes. <i>Resources, Conservation and Recycling</i> , 2020, 162, 105061.	5.3	0
76	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.	14.4	29
77	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.	4.6	106
78	Carbon harvesting from organic liquid wastes for heterotrophic denitrification: Feasibility evaluation and cost and energy optimization. <i>Resources, Conservation and Recycling</i> , 2020, 160, 104782.	5.3	9
79	A salt-rejecting anisotropic structure for efficient solar desalination <i>via</i> heat-mass flux decoupling. <i>Journal of Materials Chemistry A</i> , 2020, 8, 12089-12096.	5.2	27
80	Electrochemical-Osmotic Process for Simultaneous Recovery of Electric Energy, Water, and Metals from Wastewater. <i>Environmental Science & Technology</i> , 2020, 54, 8430-8442.	4.6	31
81	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.	5.0	28
82	Sedimentary ancient DNA metabarcoding delineates the contrastingly temporal change of lake cyanobacterial communities. <i>Water Research</i> , 2020, 183, 116077.	5.3	22
83	Enhancement of anti-fouling and contaminant removal in an electro-membrane bioreactor: Significance of electrocoagulation and electric field. <i>Separation and Purification Technology</i> , 2020, 248, 117077.	3.9	40
84	Ultrathin water-stable metal-organic framework membranes for ion separation. <i>Science Advances</i> , 2020, 6, eaay3998.	4.7	179
85	Dual channel construction of WO ₃ photocatalysts by solution plasma for the persulfate-enhanced photodegradation of bisphenol A. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119221.	10.8	56
86	Ecotoxicity of polystyrene microplastics to submerged carnivorous <i>Utricularia vulgaris</i> plants in freshwater ecosystems. <i>Environmental Pollution</i> , 2020, 265, 114830.	3.7	69
87	Hierarchically porous UiO-66 with tunable mesopores and oxygen vacancies for enhanced arsenic removal. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7870-7879.	5.2	132
88	Graphitic N in nitrogen-Doped carbon promotes hydrogen peroxide synthesis from electrocatalytic oxygen reduction. <i>Carbon</i> , 2020, 163, 154-161.	5.4	131
89	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.	4.6	51
90	Potassium-Ion Recovery with a Polypyrrole Membrane Electrode in Novel Redox Transistor Electrodes. <i>Environmental Science & Technology</i> , 2020, 54, 4592-4600.	4.6	17

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91	Potential spreading risks and disinfection challenges of medical wastewater by the presence of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) viral RNA in septic tanks of Fangcang Hospital. <i>Science of the Total Environment</i> , 2020, 741, 140445.	3.9	236
92	Influence of floc charge and related distribution mechanisms of humic substances on ultrafiltration membrane behavior. <i>Journal of Membrane Science</i> , 2020, 609, 118260.	4.1	8
93	Effects of 1-hydroxyethane-(1,1-bisphosphonic acid) on heterotrophic denitrification performance: Impact of denitrifying microbial communities variation. <i>Chemical Engineering Journal</i> , 2020, 402, 126210.	6.6	9
94	Defect-enhanced photocatalytic removal of dimethylarsinic acid over mixed-phase mesoporous TiO ₂ . <i>Journal of Environmental Sciences</i> , 2020, 91, 35-42.	3.2	15
95	Zinc Substitution-Induced Subtle Lattice Distortion Mediates the Active Center of Cobalt Diselenide Electrocatalysts for Enhanced Oxygen Evolution. <i>Small</i> , 2020, 16, e1907001.	5.2	37
96	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.	4.0	12
97	A layered aluminum-based metal-organic framework as a superior trap for nitrobenzene capture via an intercalation role. <i>Nanoscale</i> , 2020, 12, 6012-6019.	2.8	6
98	Anaerobically-digested sludge disintegration by transition metal ions-activated peroxymonosulfate (PMS): Comparison between Co ²⁺ , Cu ²⁺ , Fe ²⁺ and Mn ²⁺ . <i>Science of the Total Environment</i> , 2020, 713, 136530.	3.9	80
99	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.	10.8	108
100	Wastewater treatment plant upgrade induces the receiving river retaining bioavailable nitrogen sources. <i>Environmental Pollution</i> , 2020, 263, 114478.	3.7	21
101	Improving ion rejection of graphene oxide conductive membranes by applying electric field. <i>Journal of Membrane Science</i> , 2020, 604, 118077.	4.1	17
102	Reversible superwettability switching of a conductive polymer membrane for oil-water separation and self-cleaning. <i>Journal of Membrane Science</i> , 2020, 605, 118088.	4.1	30
103	Mechanism of species dynamics and interactions under impacts of artificial barriers in coastal areas. <i>Ocean and Coastal Management</i> , 2020, 190, 105166.	2.0	3
104	Microbial community structures and functions of hypersaline heterotrophic denitrifying process: Lab-scale and pilot-scale studies. <i>Bioresource Technology</i> , 2020, 310, 123244.	4.8	26
105	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.	3.2	13
106	Fouling mitigation of a graphene hydrogel membrane electrode by electrical repulsion and in situ self-cleaning in an electro-membrane reactor. <i>Chemical Engineering Journal</i> , 2020, 393, 124817.	6.6	32
107	Effects of resource heterogeneity and environmental disturbance on the growth performance and interspecific competition of wetland clonal plants. <i>Global Ecology and Conservation</i> , 2020, 22, e00914.	1.0	10
108	A promising treatment method for Cr(VI) detoxification and recovery by coupling FeO/Fe ₃ C/C fine powders and circulating fluidized bed. <i>Chemical Engineering Journal</i> , 2020, 398, 125565.	6.6	8

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109	Preferential binding between intracellular organic matters and Al ₁₃ polymer to enhance coagulation performance. <i>Journal of Environmental Sciences</i> , 2019, 76, 1-11.	3.2	17
110	Micro-electrode system designed to determine H ⁺ concentration distribution at particle-water interface. <i>Science of the Total Environment</i> , 2019, 646, 544-550.	3.9	4
111	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.	5.6	32
112	Effect of pre-coagulation using different aluminium species on crystallization of cake layer and membrane fouling. <i>Npj Clean Water</i> , 2019, 2, .	3.1	7
113	Electrically Pore-Size-Tunable Polypyrrole Membrane for Antifouling and Selective Separation. <i>Advanced Functional Materials</i> , 2019, 29, 1903081.	7.8	45
114	Combining KMnO ₄ pre-oxidation and bioaugmented sand filtration to simultaneously treat cyanobacterial bloom lake water and released Mn(II). <i>Separation and Purification Technology</i> , 2019, 228, 115765.	3.9	11
115	Defect Modulation of Z-Scheme TiO ₂ /Cu ₂ O Photocatalysts for Durable Water Splitting. <i>ACS Catalysis</i> , 2019, 9, 8346-8354.	5.5	146
116	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.	4.0	76
117	Spatial distribution of flow currents and habitats in artificial buffer zones for ecosystem-based coastal engineering. <i>Global Ecology and Conservation</i> , 2019, 20, e00764.	1.0	2
118	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.	3.2	18
119	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.	4.6	60
120	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.	4.2	22
121	Application of Integrated Bioelectrochemical-Wetland Systems for Future Sustainable Wastewater Treatment. <i>Environmental Science & Technology</i> , 2019, 53, 1741-1743.	4.6	33
122	Tracking Internal Electron Shuttle Using X-ray Spectroscopies in La/Zr Hydroxide for Reconciliation of Charge-Transfer Interaction and Coordination toward Phosphate. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 24699-24706.	4.0	22
123	Engineering Carbon Nanotube Forest Superstructure for Robust Thermal Desalination Membranes. <i>Advanced Functional Materials</i> , 2019, 29, 1903125.	7.8	48
124	Faceted TiO ₂ photocatalytic degradation of anthraquinone in aquatic solution under solar irradiation. <i>Science of the Total Environment</i> , 2019, 688, 592-599.	3.9	29
125	Activation of Lattice Oxygen in LaFe (Oxy)hydroxides for Efficient Phosphorus Removal. <i>Environmental Science & Technology</i> , 2019, 53, 9073-9080.	4.6	94
126	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.	4.6	79

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127	Anaerobically-digested sludge conditioning by activated peroxydisulfate: Significance of EDTA chelated-Fe ²⁺ . <i>Water Research</i> , 2019, 160, 454-465.	5.3	64
128	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.	7.2	419
129	Membrane fouling reduction through electrochemically regulating flocs aggregation in an electro-coagulation membrane reactor. <i>Journal of Environmental Sciences</i> , 2019, 83, 144-151.	3.2	24
130	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.	1.6	23
131	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.	3.2	7
132	The variation of flocs activity during floc breakage and aging, adsorbing phosphate, humic acid and clay particles. <i>Water Research</i> , 2019, 155, 131-141.	5.3	57
133	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.	4.0	50
134	Field-Enhanced Nanoconvection Accelerated Electrocatalytic Conversion of Water Contaminants and Electricity Generation. <i>Environmental Science & Technology</i> , 2019, 53, 2713-2719.	4.6	12
135	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.	8.2	176
136	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.	4.0	48
137	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.	4.6	45
138	Municipal wastewater treatment in China: Development history and future perspectives. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	238
139	The International Conference on the Evolution of China Urban Water Environment & Ecology, 2019. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	4
140	Effects of protein properties on ultrafiltration membrane fouling performance in water treatment. <i>Journal of Environmental Sciences</i> , 2019, 77, 273-281.	3.2	43
141	Dechlorination of triclosan by enhanced atomic hydrogen-mediated electrochemical reduction: Kinetics, mechanism, and toxicity assessment. <i>Applied Catalysis B: Environmental</i> , 2019, 241, 120-129.	10.8	109
142	Microfluidic-enhanced 3-D photoanodes with free interfacial energy barrier for photoelectrochemical applications. <i>Applied Catalysis B: Environmental</i> , 2019, 244, 740-747.	10.8	29
143	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.	5.0	22
144	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.	3.2	20

#	ARTICLE	IF	CITATIONS
145	Surface charge and hydrophilicity improvement of graphene membranes via modification of pore surface oxygen-containing groups to enhance permeability and selectivity. Carbon, 2019, 145, 140-148.	5.4	55
146	Selective adsorption of fluoride from drinking water using NiAl-layered metal oxide film electrode. Journal of Colloid and Interface Science, 2019, 539, 146-151.	5.0	64
147	Use of convertible flow cells to simulate the impacts of anthropogenic activities on river biofilm bacterial communities. Science of the Total Environment, 2019, 653, 148-156.	3.9	18
148	Polyoxometalates/TiO ₂ Fenton-like photocatalysts with rearranged oxygen vacancies for enhanced synergetic degradation. Applied Catalysis B: Environmental, 2019, 244, 407-413.	10.8	92
149	Characteristics of microplastic removal via coagulation and ultrafiltration during drinking water treatment. Chemical Engineering Journal, 2019, 359, 159-167.	6.6	382
150	Removal characteristics of microplastics by Fe-based coagulants during drinking water treatment. Journal of Environmental Sciences, 2019, 78, 267-275.	3.2	235
151	Removal of micropollutants and cyanobacteria from drinking water using KMnO ₄ pre-oxidation coupled with bioaugmentation. Chemosphere, 2019, 215, 1-7.	4.2	32
152	Oxygen vacancy modulation of {010}-dominated TiO ₂ for enhanced photodegradation of Sulfamethoxazole. Catalysis Communications, 2019, 118, 35-38.	1.6	13
153	Reinventing Fenton Chemistry: Iron Oxide Nanosheet for pH-Insensitive H ₂ O ₂ Activation. Environmental Science and Technology Letters, 2018, 5, 186-191.	3.9	202
154	Electrochemical oxidation of ammonia accompanied with electricity generation based on reverse electrodiolysis. Electrochimica Acta, 2018, 269, 128-135.	2.6	32
155	Integrating microbial biomass, composition and function to discern the level of anthropogenic activity in a river ecosystem. Environment International, 2018, 116, 147-155.	4.8	78
156	Multiple dynamic Al-based floc layers on ultrafiltration membrane surfaces for humic acid and reservoir water fouling reduction. Water Research, 2018, 139, 291-300.	5.3	39
157	The effects of hydrogen peroxide pre-oxidation on ultrafiltration membrane biofouling alleviation in drinking water treatment. Journal of Environmental Sciences, 2018, 73, 117-126.	3.2	17
158	Strongly Coupled Metal Oxide/Reassembled Carbon Nitride/Co ^{II} /P ^{III} Heterostructures for Efficient Photoelectrochemical Water Splitting. ACS Applied Materials & Interfaces, 2018, 10, 6424-6432.	4.0	50
159	Enhancement of the Donnan effect through capacitive ion increase using an electroconductive rGO-CNT nanofiltration membrane. Journal of Materials Chemistry A, 2018, 6, 4737-4745.	5.2	82
160	Benzophenone-4 Promotes the Growth of a <i>Pseudomonas</i> sp. and Biogenic Oxidation of Mn(II). Environmental Science & Technology, 2018, 52, 1262-1269.	4.6	18
161	Facile <i>in situ</i> Synthesis of Carbon Dots/Carbon Nitride for Solar Hydrogen Evolution Synchronously with Contaminant Decomposition. Advanced Functional Materials, 2018, 28, 1706462.	7.8	121
162	Enhanced membrane fouling mitigation by modulating cake layer porosity and hydrophilicity in an electro-coagulation/oxidation membrane reactor (ECOMR). Journal of Membrane Science, 2018, 550, 72-79.	4.1	55

#	ARTICLE	IF	CITATIONS
163	Ultrafiltration membrane fouling induced by humic acid with typical inorganic salts. <i>Chemosphere</i> , 2018, 197, 793-802.	4.2	40
164	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.	1.6	85
165	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.	3.9	35
166	Tungsten-Assisted Phase Tuning of Molybdenum Carbide for Efficient Electrocatalytic Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2451-2459.	4.0	33
167	Interface Stabilization of Undercoordinated Iron Centers on Manganese Oxides for Nature-Inspired Peroxide Activation. <i>ACS Catalysis</i> , 2018, 8, 1090-1096.	5.5	105
168	Intensification of anodic charge transfer by contaminant degradation for efficient H ₂ production. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10297-10303.	5.2	28
169	Facile Dispersion of Nanosized NiFeP for Highly Effective Catalysis of Oxygen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7206-7211.	3.2	46
170	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.	1.7	11
171	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.	1.6	34
172	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.	5.3	46
173	Impacts of water quality on the corrosion of cast iron pipes for water distribution and proposed source water switch strategy. <i>Water Research</i> , 2018, 129, 428-435.	5.3	85
174	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.	3.2	15
175	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.	1.8	11
176	Specific anion effects on the stability of zeolitic imidazolate framework-8 in aqueous solution. <i>Microporous and Mesoporous Materials</i> , 2018, 259, 171-177.	2.2	50
177	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.	6.5	66
178	Oxidation of iopamidol with ferrate (Fe(VI)): Kinetics and formation of toxic iodinated disinfection by-products. <i>Water Research</i> , 2018, 130, 200-207.	5.3	40
179	Comparing adsorption of arsenic and antimony from single-solute and bi-solute aqueous systems onto ZIF-8. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 164-172.	2.3	50
180	Rapidly catalysis of oxygen evolution through sequential engineering of vertically layered FeNi structure. <i>Nano Energy</i> , 2018, 43, 359-367.	8.2	49

#	ARTICLE	IF	CITATIONS
181	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.	6.6	43
182	Deiodination of iopamidol by zero valent iron (ZVI) enhances formation of iodinated disinfection by-products during chloramination. <i>Water Research</i> , 2018, 129, 319-326.	5.3	31
183	Fungal Community as a Bioindicator to Reflect Anthropogenic Activities in a River Ecosystem. <i>Frontiers in Microbiology</i> , 2018, 9, 3152.	1.5	34
184	Disordering the Atomic Structure of Co(II) Oxide via B ²⁺ Doping: An Efficient Oxygen Vacancy Introduction Approach for High Oxygen Evolution Reaction Electrocatalysts. <i>Small</i> , 2018, 14, e1802760.	5.2	88
185	Efficient design principle for interfacial charge separation in hydrogen-intercalated nonstoichiometric oxides. <i>Nano Energy</i> , 2018, 53, 887-897.	8.2	27
186	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.	5.3	51
187	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.	4.1	20
188	Site-specific surface tailoring for metal ion selectivity <i>via</i> under-coordinated structure engineering. <i>Nanoscale Horizons</i> , 2018, 3, 632-639.	4.1	3
189	Evolving wastewater infrastructure paradigm to enhance harmony with nature. <i>Science Advances</i> , 2018, 4, eaaq0210.	4.7	73
190	Oxygen Doping to Optimize Atomic Hydrogen Binding Energy on NiCoP for Highly Efficient Hydrogen Evolution. <i>Small</i> , 2018, 14, e1800421.	5.2	122
191	Speciation matching mechanisms between orthophosphate and aluminum species during advanced P removal process. <i>Science of the Total Environment</i> , 2018, 642, 1311-1319.	3.9	13
192	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.	8.2	88
193	Reactive, Self-Cleaning Ultrafiltration Membrane Functionalized with Iron Oxide Nanocatalysts. <i>Environmental Science & Technology</i> , 2018, 52, 8674-8683.	4.6	124
194	Capacitive deionization from reconstruction of NiCoAl-mixed metal oxide film electrode based on the "memory effect". <i>Applied Surface Science</i> , 2018, 459, 767-773.	3.1	16
195	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.	2.2	57
196	Pore Structure-Dependent Mass Transport in Flow-through Electrodes for Water Remediation. <i>Environmental Science & Technology</i> , 2018, 52, 7477-7485.	4.6	36
197	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.	5.2	214
198	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.	10.8	19

#	ARTICLE	IF	CITATIONS
199	Nanostructure-induced colored TiO ₂ array photoelectrodes with full solar spectrum harvesting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 3145-3151.	5.2	19
200	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.	6.5	154
201	Enhanced degradation of iopamidol by peroxymonosulfate catalyzed by two pipe corrosion products (CuO and γ -MnO ₂). <i>Water Research</i> , 2017, 112, 1-8.	5.3	123
202	Solvothermal synthesis of BiOI flower-like microspheres for efficient photocatalytic degradation of BPA under visible light irradiation. <i>Catalysis Communications</i> , 2017, 98, 9-12.	1.6	38
203	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.	2.6	52
204	Antimony Removal from Aqueous Solution Using Novel γ -MnO ₂ Nanofibers: Equilibrium, Kinetic, and Density Functional Theory Studies. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2255-2264.	3.2	85
205	Identification of Al ₁₃ on the Colloid Surface Using Surface-Enhanced Raman Spectroscopy. <i>Environmental Science & Technology</i> , 2017, 51, 2899-2906.	4.6	13
206	Investigating the effect of hardness cations on coagulation: The aspect of neutralisation through Al(III)-dissolved organic matter (DOM) binding. <i>Water Research</i> , 2017, 115, 22-28.	5.3	19
207	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.	2.3	18
208	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.	4.0	42
209	Degradation of nitro-based pharmaceuticals by UV photolysis: Kinetics and simultaneous reduction on halonitromethanes formation potential. <i>Water Research</i> , 2017, 119, 83-90.	5.3	32
210	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.	1.8	12
211	Synergistic process using Fe hydrolytic flocs and ultrafiltration membrane for enhanced antimony(V) removal. <i>Journal of Membrane Science</i> , 2017, 537, 93-100.	4.1	34
212	Simultaneous detection of chlorinated polycyclic aromatic hydrocarbons with polycyclic aromatic hydrocarbons by gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3465-3473.	1.9	12
213	Aggregation and Dissociation of Aqueous Al ₁₃ Induced by Fluoride Substitution. <i>Environmental Science & Technology</i> , 2017, 51, 6279-6287.	4.6	16
214	Impact of humic acid on the degradation of levofloxacin by aqueous permanganate: Kinetics and mechanism. <i>Water Research</i> , 2017, 123, 67-74.	5.3	101
215	Degradation of chloramphenicol by UV/chlorine treatment: Kinetics, mechanism and enhanced formation of halonitromethanes. <i>Water Research</i> , 2017, 121, 178-185.	5.3	144
216	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.	4.1	19

#	ARTICLE	IF	CITATIONS
217	Impact of upgrading wastewater treatment plant on the removal of typical methyl, oxygenated, chlorinated and parent polycyclic aromatic hydrocarbons. <i>Science of the Total Environment</i> , 2017, 603-604, 140-147.	3.9	28
218	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.	5.3	37
219	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.	3.9	32
220	Boosting photoelectrochemical activities of heterostructured photoanodes through interfacial modulation of oxygen vacancies. <i>Nano Energy</i> , 2017, 35, 290-298.	8.2	59
221	Transformation of para arsanilic acid by manganese oxide: Adsorption, oxidation, and influencing factors. <i>Water Research</i> , 2017, 116, 126-134.	5.3	75
222	Impact of inner-wall reflection on UV reactor performance as evaluated by using computational fluid dynamics: The role of diffuse reflection. <i>Water Research</i> , 2017, 109, 382-388.	5.3	28
223	New Insight into and Characterization of the Aqueous Metal-Enol(ate) Complexes of (Acetonedicarboxylato)copper. <i>ACS Omega</i> , 2017, 2, 6728-6740.	1.6	3
224	Enhancing destruction of copper (I) cyanide and subsequent recovery of Cu(I) by a novel electrochemical system combining activated carbon fiber and stainless steel cathodes. <i>Chemical Engineering Journal</i> , 2017, 330, 1187-1194.	6.6	26
225	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.	3.2	1
226	Influence of microbial community diversity and function on pollutant removal in ecological wastewater treatment. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7293-7302.	1.7	12
227	Photoactuation Healing of FeOOH@N ₃ C ₄ Catalyst for Efficient and Stable Activation of Persulfate. <i>Small</i> , 2017, 13, 1702225.	5.2	76
228	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.	5.0	17
229	Microbial Interspecies Interactions Affect Arsenic Fate in the Presence of MnII. <i>Microbial Ecology</i> , 2017, 74, 788-794.	1.4	5
230	TiO ₂ Microflowers Assembled by 6-nm Single-Crystal Stranded Wires with Improved Photoelectrochemical Performances. <i>Electrochimica Acta</i> , 2017, 250, 117-123.	2.6	2
231	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.	5.2	81
232	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.	1.4	18
233	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.	4.6	84
234	Unravelling riverine microbial communities under wastewater treatment plant effluent discharge in large urban areas. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6755-6764.	1.7	19

#	ARTICLE	IF	CITATIONS
235	3D Macroporous Nitrogen-Enriched Graphitic Carbon Scaffold for Efficient Bioelectricity Generation in Microbial Fuel Cells. <i>Advanced Energy Materials</i> , 2017, 7, 1601364.	10.2	146
236	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.	6.6	95
237	Combined genotoxicity of chlorinated products from tyrosine and benzophenone-4. <i>Journal of Hazardous Materials</i> , 2017, 322, 387-393.	6.5	7
238	Microstructure of carbon nitride affecting synergetic photocatalytic activity: Hydrogen bonds vs. structural defects. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 49-57.	10.8	143
239	Microbe-microbe interactions trigger Mn(II)-oxidizing gene expression. <i>ISME Journal</i> , 2017, 11, 67-77.	4.4	39
240	Antimony oxidation and adsorption by in-situ formed biogenic Mn oxide and Fe-Mn oxides. <i>Journal of Environmental Sciences</i> , 2017, 54, 126-134.	3.2	49
241	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.	3.9	33
242	Promoted oxidation of diclofenac with ferrate (Fe(VI)): Role of ABTS as the electron shuttle. <i>Journal of Hazardous Materials</i> , 2017, 336, 65-70.	6.5	32
243	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.	1.1	4
244	New Insights into Defect-Mediated Heterostructures for Photoelectrochemical Water Splitting. <i>Advanced Energy Materials</i> , 2016, 6, 1502268.	10.2	95
245	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.	1.2	22
246	Enhanced oxidative and adsorptive capability towards antimony by copper-doping into magnetite magnetic particles. <i>RSC Advances</i> , 2016, 6, 66990-67001.	1.7	39
247	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.	2.3	6
248	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.	5.3	76
249	Transformation of humic acid and halogenated byproduct formation in UV-chlorine processes. <i>Water Research</i> , 2016, 102, 421-427.	5.3	164
250	Zirconia (ZrO ₂) Embedded in Carbon Nanowires via Electrospinning for Efficient Arsenic Removal from Water Combined with DFT Studies. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18912-18921.	4.0	83
251	The role of biogenic Fe-Mn oxides formed in situ for arsenic oxidation and adsorption in aquatic ecosystems. <i>Water Research</i> , 2016, 98, 119-127.	5.3	129
252	Augmentation of protein-derived acetic acid production by heat-alkaline-induced changes in protein structure and conformation. <i>Water Research</i> , 2016, 88, 595-603.	5.3	41

#	ARTICLE	IF	CITATIONS
253	Biomolecule-assisted synthesis of defect-mediated Cd _x Zn _{1-x} S/MoS ₂ /graphene hollow spheres for highly efficient hydrogen evolution. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 16208-16215.	1.3	26
254	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.	6.6	28
255	VUV/UV/Chlorine as an Enhanced Advanced Oxidation Process for Organic Pollutant Removal from Water: Assessment with a Novel Mini-Fluidic VUV/UV Photoreaction System (MVPS). <i>Environmental Science & Technology</i> , 2016, 50, 5849-5856.	4.6	76
256	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
257	Occurrence, distribution, and potential influencing factors of sewage sludge components derived from nine full-scale wastewater treatment plants of Beijing, China. <i>Journal of Environmental Sciences</i> , 2016, 45, 233-239.	3.2	8
258	Enhanced formation of bromate and brominated disinfection byproducts during chlorination of bromide-containing waters under catalysis of copper corrosion products. <i>Water Research</i> , 2016, 98, 302-308.	5.3	34
259	Efficient conversion of dimethylarsinate into arsenic and its simultaneous adsorption removal over FeC _x /N-doped carbon fiber composite in an electro-Fenton process. <i>Water Research</i> , 2016, 100, 57-64.	5.3	71
260	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.	5.3	38
261	Treatment of groundwater containing Mn(II), Fe(II), As(III) and Sb(III) by bioaugmented quartz-sand filters. <i>Water Research</i> , 2016, 106, 126-134.	5.3	73
262	Treatment of strongly acidic wastewater with high arsenic concentrations by ferrous sulfide (FeS): Inhibitive effects of S(0)-enriched surfaces. <i>Chemical Engineering Journal</i> , 2016, 304, 986-992.	6.6	74
263	Self-assembled one-dimensional MnO ₂ @zeolitic imidazolate framework-8 nanostructures for highly efficient arsenite removal. <i>Environmental Science: Nano</i> , 2016, 3, 1186-1194.	2.2	72
264	Natural eggshell membrane as separator for improved coulombic efficiency in air-cathode microbial fuel cells. <i>RSC Advances</i> , 2016, 6, 66147-66151.	1.7	13
265	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.	5.3	99
266	Biomass-Derived Porous Fe ₃ C/Tungsten Carbide/Graphitic Carbon Nanocomposite for Efficient Electrocatalysis of Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32307-32316.	4.0	88
267	Macroporous monolithic Magnéli-phase titanium suboxides as anode material for effective bioelectricity generation in microbial fuel cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18002-18007.	5.2	25
268	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.	6.6	647
269	Earth-Rich Transition Metal Phosphide for Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2016, 6, 1600087.	10.2	437
270	Cooperative Mn(II) oxidation between two bacterial strains in an aquatic environment. <i>Water Research</i> , 2016, 89, 252-260.	5.3	40

#	ARTICLE	IF	CITATIONS
271	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.	4.6	169
272	Fabrication of FeOOH hollow microboxes for purification of heavy metal-contaminated water. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9437-9445.	1.3	28
273	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.	3.3	10
274	Two-dimensional layered MoS ₂ : rational design, properties and electrochemical applications. <i>Energy and Environmental Science</i> , 2016, 9, 1190-1209.	15.6	532
275	Coagulation behaviors of aluminum salts towards fluoride: Significance of aluminum speciation and transformation. <i>Separation and Purification Technology</i> , 2016, 165, 137-144.	3.9	47
276	An effective method for improving electrocoagulation process: Optimization of Al ³⁺ polymer formation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 234-240.	2.3	46
277	Efficient Nitrate Reduction in a Fluidized Electrochemical Reactor Promoted by Pd@Sn/AC Particles. <i>Catalysis Letters</i> , 2016, 146, 91-99.	1.4	36
278	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.	5.3	67
279	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.	10.8	175
280	Comparison of Fe@Mn enhanced coagulation and O ₃ -BAC for removing natural organic matter from source waters: a case study. <i>Desalination and Water Treatment</i> , 2016, 57, 9101-9114.	1.0	1
281	Contribution of Fe ₃ O ₄ nanoparticles to the fouling of ultrafiltration with coagulation pre-treatment. <i>Scientific Reports</i> , 2015, 5, 13067.	1.6	11
282	Formation of Bi ₂ WO ₆ Bipyramids with Vacancy Pairs for Enhanced Solar-Driven Photoactivity. <i>Advanced Functional Materials</i> , 2015, 25, 3726-3734.	7.8	155
283	Inspection of Feasible Calibration Conditions for ^{UV} Radiometer Detectors with the ^{KI} / ^{KIO₃} Actinometer. <i>Photochemistry and Photobiology</i> , 2015, 91, 68-73.	1.3	13
284	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.	4.6	45
285	Water-based synthesis of zeolitic imidazolate framework-8 with high morphology level at room temperature. <i>RSC Advances</i> , 2015, 5, 48433-48441.	1.7	276
286	Defluoridation by Al-based coagulation and adsorption: Species transformation of aluminum and fluoride. <i>Separation and Purification Technology</i> , 2015, 148, 68-75.	3.9	34
287	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.	5.3	134
288	Modification of ultrafiltration membrane with nanoscale zerovalent iron layers for humic acid fouling reduction. <i>Water Research</i> , 2015, 71, 140-149.	5.3	53

#	ARTICLE	IF	CITATIONS
289	Distribution, mass load and environmental impact of multiple-class pharmaceuticals in conventional and upgraded municipal wastewater treatment plants in East China. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 596-605.	1.7	54
290	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.	1.7	109
291	Ionic Liquid Assisted Electrospun Cellulose Acetate Fibers for Aqueous Removal of Triclosan. <i>Langmuir</i> , 2015, 31, 1820-1827.	1.6	24
292	Elimination of polar micropollutants and anthropogenic markers by wastewater treatment in Beijing, China. <i>Chemosphere</i> , 2015, 119, 1054-1061.	4.2	79
293	Probabilistic evaluation of integrating resource recovery into wastewater treatment to improve environmental sustainability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1630-1635.	3.3	75
294	Mechanism of Catalytic Ozonation in $\text{Fe}_{2}\text{O}_{3}/\text{Al}_{2}\text{O}_{3}@SBA-15$ Aqueous Suspension for Destruction of Ibuprofen. <i>Environmental Science & Technology</i> , 2015, 49, 1690-1697.	4.6	286
295	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.	4.1	24
296	Adsorption of antimony(V) onto Mn(II)-enriched surfaces of manganese-oxide and Fe Mn binary oxide. <i>Chemosphere</i> , 2015, 138, 616-624.	4.2	82
297	Cerium incorporated MCM-48 (Ce-MCM-48) as a catalyst to inhibit bromate formation during ozonation of bromide-containing water: Efficacy and mechanism. <i>Water Research</i> , 2015, 86, 2-8.	5.3	37
298	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.	4.6	91
299	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.	5.0	63
300	UV photolysis kinetics of sulfonamides in aqueous solution based on optimized fluence quantification. <i>Water Research</i> , 2015, 75, 43-50.	5.3	67
301	Highly Efficient AuPd/Carbon Nanotube Nanocatalysts for the Electro-Fenton Process. <i>Chemistry - A European Journal</i> , 2015, 21, 7611-7620.	1.7	30
302	Coagulation of methylated arsenic from drinking water: Influence of methyl substitution. <i>Journal of Hazardous Materials</i> , 2015, 293, 97-104.	6.5	30
303	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.	2.3	113
304	Photocatalytic mineralisation of herbicide 2,4,5-trichlorophenoxyacetic acid: enhanced performance by triple junction $\text{Cu}@\text{TiO}_{2}/\text{Cu}_{2}\text{O}$ and the underlying reaction mechanism. <i>New Journal of Chemistry</i> , 2015, 39, 314-320.	1.4	44
305	Iron-incorporated mesoporous silica for enhanced adsorption of tetracycline in aqueous solution. <i>RSC Advances</i> , 2015, 5, 42407-42413.	1.7	32
306	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.	5.3	100

#	ARTICLE	IF	CITATIONS
307	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.	4.6	98
308	Electric Double-Layer Effects Induce Separation of Aqueous Metal Ions. <i>ACS Nano</i> , 2015, 9, 10922-10930.	7.3	43
309	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.	0.8	3
310	Photoelectrocatalytic Oxidation of Cu-cyanides and Cu-EDTA at TiO ₂ nanotube electrode. <i>Electrochimica Acta</i> , 2015, 180, 129-137.	2.6	44
311	Removal of Antimonite (Sb(III)) and Antimonate (Sb(V)) from Aqueous Solution Using Carbon Nanofibers That Are Decorated with Zirconium Oxide (ZrO ₂). <i>Environmental Science & Technology</i> , 2015, 49, 11115-11124.	4.6	233
312	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.	6.5	88
313	A Mini-Fluidic UV Photoreaction System for Bench-Scale Photochemical Studies. <i>Environmental Science and Technology Letters</i> , 2015, 2, 297-301.	3.9	8
314	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.	2.6	37
315	Chlorination of tramadol: Reaction kinetics, mechanism and genotoxicity evaluation. <i>Chemosphere</i> , 2015, 141, 282-289.	4.2	26
316	Adsorption of Sb(III) and Sb(V) on Freshly Prepared Ferric Hydroxide (FeOxHy). <i>Environmental Engineering Science</i> , 2015, 32, 95-102.	0.8	61
317	Permanganate oxidation of diclofenac: The pH-dependent reaction kinetics and a ring-opening mechanism. <i>Chemosphere</i> , 2015, 136, 297-304.	4.2	47
318	Visible-Light Induced Photocatalytic Activity of Electrospun-TiO ₂ in Arsenic(III) Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 511-518.	4.0	42
319	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.	6.5	147
320	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.	2.3	28
321	Comparing the adsorption behaviors of Cd, Cu and Pb from water onto Fe-Mn binary oxide, MnO ₂ and FeOOH. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 385-393.	3.3	43
322	Reaction of aqueous Cu-Citrate with MnO ₂ birnessite: Characterization of Mn dissolution, oxidation products and surface interactions. <i>Chemosphere</i> , 2015, 119, 1-7.	4.2	25
323	Graphene-based transition metal oxide nanocomposites for the oxygen reduction reaction. <i>Nanoscale</i> , 2015, 7, 1250-1269.	2.8	290
324	Metagenomic Approach Reveals Variation of Microbes with Arsenic and Antimony Metabolism Genes from Highly Contaminated Soil. <i>PLoS ONE</i> , 2014, 9, e108185.	1.1	75

#	ARTICLE	IF	CITATIONS
325	Comparison of iron (III) and alum salt on ultrafiltration membrane fouling by alginate. <i>Desalination</i> , 2014, 354, 153-159.	4.0	19
326	Enhanced destruction of Cu(CN) ₂ by H ₂ O ₂ under alkaline conditions in the presence of EDTA/pyrophosphate. <i>Chemical Engineering Journal</i> , 2014, 253, 478-485.	6.6	26
327	Investigation of pre-coagulation and powder activate carbon adsorption on ultrafiltration membrane fouling. <i>Journal of Membrane Science</i> , 2014, 459, 157-168.	4.1	67
328	Organic micropollutants in the Yangtze River: Seasonal occurrence and annual loads. <i>Science of the Total Environment</i> , 2014, 472, 789-799.	3.9	102
329	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.	5.3	68
330	Investigation of the property of kaolin-alum floes at acidic pH. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 177-181.	2.3	12
331	Using high-throughput sequencing to assess the impacts of treated and untreated wastewater discharge on prokaryotic communities in an urban river. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1841-1851.	1.7	63
332	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.	5.3	68
333	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.	3.9	85
334	Determination of rapid chlorination rate constants by a stopped-flow spectrophotometric competition kinetics method. <i>Water Research</i> , 2014, 55, 126-132.	5.3	20
335	Electrochemical Reduction of Bromate by a Pd Modified Carbon Fiber Electrode: Kinetics and Mechanism. <i>Electrochimica Acta</i> , 2014, 132, 151-157.	2.6	23
336	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.	10.8	60
337	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.	10.8	95
338	Effect of low dosage of coagulant on the ultrafiltration membrane performance in feedwater treatment. <i>Water Research</i> , 2014, 51, 277-283.	5.3	60
339	Fragmentation of typical sulfonamide drugs via heterolytic bond cleavage and stepwise rearrangement. <i>RSC Advances</i> , 2014, 4, 48426-48432.	1.7	25
340	Metagenomic analysis reveals microbial diversity and function in the rhizosphere soil of a constructed wetland. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 2521-2527.	1.2	52
341	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.	5.3	48
342	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.	4.6	200

#	ARTICLE	IF	CITATIONS
343	Adsorption behavior of sulfamethazine in an activated sludge process treating swine wastewater. <i>Journal of Environmental Sciences</i> , 2014, 26, 1623-1629.	3.2	39
344	Facile Synthesis of Graphite-Reduced Graphite Oxide Core-Shell Fiber via Direct Exfoliation of Carbon Fiber for Supercapacitor Application. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9496-9502.	4.0	30
345	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.	6.5	54
346	Fe ₂ O ₃ spherical nanocrystals supported on CNTs as efficient non-noble electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13635-13640.	5.2	110
347	Inhibition of bromate formation by surface reduction in catalytic ozonation of organic pollutants over Fe ²⁺ -FeOOH/Al ₂ O ₃ . <i>Applied Catalysis B: Environmental</i> , 2014, 147, 287-292.	10.8	64
348	Characterization of biofilm and corrosion of cast iron pipes in drinking water distribution system with UV/Cl ₂ disinfection. <i>Water Research</i> , 2014, 60, 174-181.	5.3	101
349	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.	10.8	66
350	Characterization and reactivity of biogenic manganese oxides for ciprofloxacin oxidation. <i>Journal of Environmental Sciences</i> , 2014, 26, 1154-1161.	3.2	60
351	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.	2.3	117
352	Photoelectrocatalytic oxidation of Cu-EDTA complex and electrodeposition recovery of Cu in a continuous tubular photoelectrochemical reactor. <i>Chemical Engineering Journal</i> , 2014, 239, 53-59.	6.6	65
353	Synthesis of carbon-coated magnetic nanocomposite (Fe ₃ O ₄ @C) and its application for sulfonamide antibiotics removal from water. <i>Journal of Environmental Sciences</i> , 2014, 26, 962-969.	3.2	94
354	Characterization and adsorption performance of Zr-doped kaolinite for efficient arsenic removal. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 629-635.	1.6	40
355	The pre-treatment of submerged ultrafiltration membrane by coagulation: Effect of polyacrylamide as a coagulant aid. <i>Journal of Membrane Science</i> , 2013, 446, 50-58.	4.1	53
356	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.	2.7	50
357	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.	3.3	5
358	Preparation and evaluation of Zr-Fe ²⁺ -FeOOH for efficient arsenic removal. <i>Journal of Environmental Sciences</i> , 2013, 25, 815-822.	3.2	18
359	Comparison of submerged coagulation and traditional coagulation on membrane fouling: Effect of active flocs. <i>Desalination</i> , 2013, 309, 11-17.	4.0	16
360	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.	5.3	72

#	ARTICLE	IF	CITATIONS
361	Removal of arsenic(III) from aqueous solution using a low-cost by-product in Fe-removal plantsâ€”Fe-based backwashing sludge. <i>Chemical Engineering Journal</i> , 2013, 226, 393-401.	6.6	57
362	Simultaneous determination of typical substituted and parent polycyclic aromatic hydrocarbons in water and solid matrix by gas chromatographyâ€”mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1291, 129-136.	1.8	37
363	Effect of iron/aluminum hydrolyzed precipitate layer on ultrafiltration membrane. <i>Desalination</i> , 2013, 330, 16-21.	4.0	23
364	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.	2.3	28
365	Photoelectrocatalytic Oxidation of Cu ^{II} â€”EDTA at the TiO ₂ Electrode and Simultaneous Recovery of Cu ^{II} by Electrodeposition. <i>Environmental Science & Technology</i> , 2013, 47, 4480-4488.	4.6	151
366	Adsorptive removal of phosphate by a nanostructured Feâ€”Alâ€”Mn trimetal oxide adsorbent. <i>Powder Technology</i> , 2013, 233, 146-154.	2.1	268
367	Chlorination and chloramination of high-bromide natural water: DBPs species transformation. <i>Separation and Purification Technology</i> , 2013, 102, 86-93.	3.9	49
368	Efficient treatment of an electroplating wastewater containing heavy metal ions, cyanide, and organics by H ₂ O ₂ oxidation followed by the anodic Fenton process. <i>Water Science and Technology</i> , 2013, 68, 1329-1335.	1.2	19
369	Integrated Metagenomic and Physiochemical Analyses to Evaluate the Potential Role of Microbes in the Sand Filter of a Drinking Water Treatment System. <i>PLoS ONE</i> , 2013, 8, e61011.	1.1	64
370	Research Progress of Biogenic Manganese Oxides and Application Potential in Water Treatment Process. <i>Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology</i> , 2013, 19, 11-19.	0.1	1
371	Arsenic Desorption from Ferric and Manganese Binary Oxide by Competitive Anions: Significance of pH. <i>Water Environment Research</i> , 2012, 84, 521-528.	1.3	12
372	Efficient Removal of Toxic Pollutants Over Feâ€”Co/ZrO ₂ Bimetallic Catalyst with Ozone. <i>Catalysis Letters</i> , 2012, 142, 1026-1032.	1.4	11
373	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.	4.6	42
374	Effect of moderate pre-oxidation on the removal of <i>Microcystis aeruginosa</i> by KMnO ₄ â€”Fe(II) process: Significance of the in-situ formed Fe(III). <i>Water Research</i> , 2012, 46, 73-81.	5.3	107
375	Effects of disinfectant and biofilm on the corrosion of cast iron pipes in a reclaimed water distribution system. <i>Water Research</i> , 2012, 46, 1070-1078.	5.3	193
376	Enhanced Fenton degradation of Rhodamine B over nanoscaled Cu-doped LaTiO ₃ perovskite. <i>Applied Catalysis B: Environmental</i> , 2012, 125, 418-424.	10.8	174
377	Combination of electroreduction with biosorption for enhancement for removal of hexavalent chromium. <i>Journal of Colloid and Interface Science</i> , 2012, 385, 147-153.	5.0	29
378	Adsorption of nitrate and nitrite from aqueous solution onto calcined (Mgâ€”Al) hydrotalcite of different Mg/Al ratio. <i>Chemical Engineering Journal</i> , 2012, 195-196, 241-247.	6.6	123

#	ARTICLE	IF	CITATIONS
379	Optimization of chlorine-based disinfection for the control of disinfection by-products formation and CODMn: A case study. <i>Chemical Engineering Journal</i> , 2012, 197, 116-122.	6.6	9
380	Characterization of flocs generated by preformed and in situ formed Al13 polymer. <i>Chemical Engineering Journal</i> , 2012, 197, 10-15.	6.6	30
381	Enhanced Photodegradation of Toxic Pollutants on Plasmonic Au@Ag/Al2O3 Under Visible Irradiation. <i>Catalysis Letters</i> , 2012, 142, 646-654.	1.4	14
382	Catalyzing denitrification of <i>Paracoccus versutus</i> by immobilized 1,5-dichloroanthraquinone. <i>Biodegradation</i> , 2012, 23, 399-405.	1.5	15
383	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.	10.8	120
384	Effect of aluminum fluoride complexation on fluoride removal by coagulation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 395, 88-93.	2.3	112
385	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.	2.3	31
386	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.	5.0	108
387	Bromate removal by electrochemical reduction at boron-doped diamond electrode. <i>Electrochimica Acta</i> , 2012, 62, 181-184.	2.6	53
388	Biological catalyzed denitrification by a functional electropolymerization biocarrier modified by redox mediator. <i>Bioresource Technology</i> , 2012, 107, 144-150.	4.8	33
389	Removal of tetracycline from water by Fe-Mn binary oxide. <i>Journal of Environmental Sciences</i> , 2012, 24, 242-247.	3.2	125
390	Optimum conditions for the formation of Al13 polymer and active chlorine in electrolysis process with Ti/RuO2-TiO2 anodes. <i>Journal of Environmental Sciences</i> , 2012, 24, 297-302.	3.2	7
391	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.	3.9	41
392	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.	3.9	135
393	Effect of aluminum speciation on arsenic removal during coagulation process. <i>Separation and Purification Technology</i> , 2012, 86, 35-40.	3.9	86
394	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.	3.9	59
395	Chlorination of <i>Microcystis aeruginosa</i> suspension: Cell lysis, toxin release and degradation. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 279-285.	6.5	95
396	Partitioning and sources of PAHs in wastewater receiving streams of Tianjin, China. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 1847-1855.	1.3	9

#	ARTICLE	IF	CITATIONS
397	Improvement of metal adsorption onto chitosan/Sargassum sp. composite sorbent by an innovative ion-imprint technology. <i>Water Research</i> , 2011, 45, 145-154.	5.3	152
398	Characteristic transformation of humic acid during photoelectrocatalysis process and its subsequent disinfection byproduct formation potential. <i>Water Research</i> , 2011, 45, 6131-6140.	5.3	78
399	Fabrication and photoelectrocatalytic properties of nanocrystalline monoclinic BiVO ₄ thin-film electrode. <i>Journal of Environmental Sciences</i> , 2011, 23, 151-159.	3.2	52
400	Removal of bentazone from micro-polluted water using MIEX resin: Kinetics, equilibrium, and mechanism. <i>Journal of Environmental Sciences</i> , 2011, 23, 381-387.	3.2	33
401	Photoelectrochemical degradation of Methylene Blue with PbO_2 electrodes driven by visible light irradiation. <i>Journal of Environmental Sciences</i> , 2011, 23, 998-1003.	3.2	39
402	Development of systems for detection, early warning, and control of pipeline leakage in drinking water distribution: A case study. <i>Journal of Environmental Sciences</i> , 2011, 23, 1816-1822.	3.2	55
403	The mechanism of antimony(III) removal and its reactions on the surfaces of Fe-Mn Binary Oxide. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 320-326.	5.0	230
404	Study of a combined sulfur autotrophic with proton-exchange membrane electrochemical denitrification technology: Sulfate control and pH balance. <i>Bioresource Technology</i> , 2011, 102, 10803-10809.	4.8	17
405	Defluoridation by freshly prepared aluminum hydroxides. <i>Chemical Engineering Journal</i> , 2011, 175, 144-149.	6.6	57
406	Arsenic release from arsenic-bearing Fe-Mn binary oxide: Effects of Eh condition. <i>Chemosphere</i> , 2011, 83, 1020-1027.	4.2	32
407	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.	1.3	22
408	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.	2.7	17
409	Migration of manganese and iron during the adsorption-regeneration cycles for arsenic removal. <i>Frontiers of Environmental Science and Engineering in China</i> , 2011, 5, 512-518.	0.8	1
410	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.	2.3	27
411	Photoelectrocatalytic degradation of organic contaminants at Bi ₂ O ₃ /TiO ₂ nanotube array electrode. <i>Applied Surface Science</i> , 2011, 257, 4621-4624.	3.1	69
412	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.	6.5	33
413	Photodegradation and toxicity changes of antibiotics in UV and UV/H ₂ O ₂ process. <i>Journal of Hazardous Materials</i> , 2011, 185, 1256-1263.	6.5	240
414	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.	6.5	27

#	ARTICLE	IF	CITATIONS
415	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.	5.0	65
416	Arsenic(III,V) Adsorption on Iron-Oxide-Coated Manganese Sand and Quartz Sand: Comparison of Different Carriers and Adsorption Capacities. <i>Environmental Engineering Science</i> , 2011, 28, 643-651.	0.8	30
417	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.	0.7	14
418	Effect of chlorination and ozone pre-oxidation on the photobacteria acute toxicity for dissolved organic matter from sewage treatment plants. <i>Scientia Sinica Chimica</i> , 2011, 41, 91-96.	0.2	0
419	Degradation characteristics of humic acid over iron oxides/FeO core-shell nanoparticles with UVA/H ₂ O ₂ . <i>Journal of Hazardous Materials</i> , 2010, 173, 474-479.	6.5	50
420	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.	6.5	42
421	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.	4.2	5
422	Practical performance and its efficiency of arsenic removal from groundwater using Fe-Mn binary oxide. <i>Journal of Environmental Sciences</i> , 2010, 22, 1-6.	3.2	43
423	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.	1.6	7
424	Catalytic ozonation of toxic pollutants over magnetic cobalt and manganese co-doped γ -Fe ₂ O ₃ . <i>Applied Catalysis B: Environmental</i> , 2010, 100, 62-67.	10.8	131
425	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.	5.0	229
426	Removal of arsenite by simultaneous electro-oxidation and electro-coagulation process. <i>Journal of Hazardous Materials</i> , 2010, 184, 472-476.	6.5	78
427	Surface acidity and reactivity of γ -FeOOH/Al ₂ O ₃ for pharmaceuticals degradation with ozone: In situ ATR-FTIR studies. <i>Applied Catalysis B: Environmental</i> , 2010, 97, 340-346.	10.8	118
428	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.	10.8	285
429	The Current State of Water Quality and Technology Development for Water Pollution Control in China. <i>Critical Reviews in Environmental Science and Technology</i> , 2010, 40, 519-560.	6.6	207
430	Plasmon-Induced Photodegradation of Toxic Pollutants with Ag ⁺ /AgI/Al ₂ O ₃ under Visible-Light Irradiation. <i>Journal of the American Chemical Society</i> , 2010, 132, 857-862.	6.6	541
431	Plasmon-Induced Inactivation of Enteric Pathogenic Microorganisms with Ag ⁺ /AgI/Al ₂ O ₃ under Visible-Light Irradiation. <i>Environmental Science & Technology</i> , 2010, 44, 7058-7062.	4.6	76
432	Plasmon-Assisted Degradation of Toxic Pollutants with Ag ⁺ /AgBr/Al ₂ O ₃ under Visible-Light Irradiation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 2746-2750.	1.5	186

#	ARTICLE	IF	CITATIONS
433	Photoelectrocatalytic degradation of organic contaminant at hybrid BDD-ZnWO ₄ electrode. <i>Catalysis Communications</i> , 2010, 12, 76-79.	1.6	15
434	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.	4.2	33
435	Adsorption and removal of arsenite on ordered mesoporous Fe-modified ZrO ₂ . <i>Desalination and Water Treatment</i> , 2009, 8, 139-145.	1.0	19
436	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.	0.6	4
437	Electro-photocatalytic degradation of acid orange II using a novel TiO ₂ /ACF photoanode. <i>Science of the Total Environment</i> , 2009, 407, 2431-2439.	3.9	55
438	Mechanism of Cu(II)-catalyzed monochloramine decomposition in aqueous solution. <i>Science of the Total Environment</i> , 2009, 407, 4105-4109.	3.9	14
439	The progress of catalytic technologies in water purification: A review. <i>Journal of Environmental Sciences</i> , 2009, 21, 713-719.	3.2	102
440	Electrochemical incineration of dimethyl phthalate by anodic oxidation with boron-doped diamond electrode. <i>Journal of Environmental Sciences</i> , 2009, 21, 1321-1328.	3.2	31
441	Preparation of organically functionalized silica gel as adsorbent for copper ion adsorption. <i>Journal of Environmental Sciences</i> , 2009, 21, 1473-1479.	3.2	56
442	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.	3.2	28
443	Pilot-scale treatment of waste-water from carbon production by a combined physical-chemical process. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 966-971.	1.6	5
444	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.	1.2	11
445	Electro-oxidation of diclofenac at boron doped diamond: Kinetics and mechanism. <i>Electrochimica Acta</i> , 2009, 54, 4172-4179.	2.6	93
446	Control of health risks in drinking water through point-of-use systems. <i>Science Bulletin</i> , 2009, 54, 1996-2001.	4.3	2
447	Effects of amino acids on microcystin production of the <i>Microcystis aeruginosa</i> . <i>Journal of Hazardous Materials</i> , 2009, 161, 730-736.	6.5	70
448	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.	6.5	137
449	Adsorption behavior and mechanism of arsenate at Fe-Mn binary oxide/water interface. <i>Journal of Hazardous Materials</i> , 2009, 168, 820-825.	6.5	194
450	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.	6.5	121

#	ARTICLE	IF	CITATIONS
451	Cu(II)-catalyzed THM formation during water chlorination and monochloramination: A comparison study. <i>Journal of Hazardous Materials</i> , 2009, 170, 58-65.	6.5	34
452	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.	5.0	113
453	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.	5.0	72
454	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.	5.0	44
455	k-Value-based ferron assay and its application. <i>Journal of Colloid and Interface Science</i> , 2009, 335, 44-49.	5.0	14
456	Removal of phosphate from water by a Fe-Mn binary oxide adsorbent. <i>Journal of Colloid and Interface Science</i> , 2009, 335, 168-174.	5.0	356
457	Fe-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.	5.0	99
458	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.	3.9	93
459	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.	10.8	84
460	Photoassisted degradation of endocrine disruptors over CuO-FeOOH with H ₂ O ₂ at neutral pH. <i>Applied Catalysis B: Environmental</i> , 2009, 87, 30-36.	10.8	84
461	Photoelectrochemical generation of hydrogen over carbon-doped TiO ₂ photoanode. <i>Applied Catalysis B: Environmental</i> , 2009, 92, 41-49.	10.8	55
462	Catalytic Ozonation of Selected Pharmaceuticals over Mesoporous Alumina-Supported Manganese Oxide. <i>Environmental Science & Technology</i> , 2009, 43, 2525-2529.	4.6	203
463	The influence of Cu(II) on the decay of monochloramine. <i>Chemosphere</i> , 2009, 74, 181-186.	4.2	10
464	Electrochemical process combined with UV light irradiation for synergistic degradation of ammonia in chloride-containing solutions. <i>Water Research</i> , 2009, 43, 1432-1440.	5.3	125
465	Degradation of selected pharmaceuticals in aqueous solution with UV and UV/H ₂ O ₂ . <i>Water Research</i> , 2009, 43, 1766-1774.	5.3	288
466	Indirect Photodegradation of Amine Drugs in Aqueous Solution under Simulated Sunlight. <i>Environmental Science & Technology</i> , 2009, 43, 2760-2765.	4.6	195
467	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.	4.6	76
468	Natural organic matter removal by coagulation: effect of kinetics and hydraulic power. <i>Water Science and Technology: Water Supply</i> , 2009, 9, 21-30.	1.0	12

#	ARTICLE	IF	CITATIONS
469	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
470	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
471	Formation and distribution of disinfection by-products during chlorine disinfection in the presence of bromide ion. <i>Science Bulletin</i> , 2008, 53, 2717-2723.	4.3	9
472	Photodegradation of tetracycline and formation of reactive oxygen species in aqueous tetracycline solution under simulated sunlight irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 197, 81-87.	2.0	249
473	The formation and distribution of haloacetic acids in copper pipe during chlorination. <i>Journal of Hazardous Materials</i> , 2008, 152, 250-258.	6.5	24
474	Cyanobacteria and their toxins in Guanting Reservoir of Beijing, China. <i>Journal of Hazardous Materials</i> , 2008, 153, 470-477.	6.5	52
475	Efficient photodegradation of Acid Red B by immobilized ferrocene in the presence of UVA and H ₂ O ₂ . <i>Journal of Hazardous Materials</i> , 2008, 154, 146-152.	6.5	55
476	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.	10.8	154
477	Microwave electrodeless lamp assisted catalytic degradation of X-GRL with manganese dioxides: Adsorption and manganese(IV) reductive dissolution effects. <i>Catalysis Today</i> , 2008, 139, 119-124.	2.2	12
478	An efficient electron transfer at the FeO/iron oxide interface for the photoassisted degradation of pollutants with H ₂ O ₂ . <i>Applied Catalysis B: Environmental</i> , 2008, 82, 151-156.	10.8	31
479	Enhanced degradation of 2,4-dinitrotoluene by ozonation in the presence of manganese(II) and oxalic acid. <i>Journal of Molecular Catalysis A</i> , 2008, 286, 149-155.	4.8	68
480	Characterization and Reactivity of MnO _x Supported on Mesoporous Zirconia for Herbicide 2,4-D Mineralization with Ozone. <i>Environmental Science & Technology</i> , 2008, 42, 3363-3368.	4.6	118
481	Research progress of novel adsorption processes in water purification: A review. <i>Journal of Environmental Sciences</i> , 2008, 20, 1-13.	3.2	369
482	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.	3.2	42
483	Phototransformation of nitrobenzene in the Songhua River: Kinetics and photoproduct analysis. <i>Journal of Environmental Sciences</i> , 2008, 20, 787-795.	3.2	20
484	Preparation and visible-light activity of silver vanadate for the degradation of pollutants. <i>Materials Research Bulletin</i> , 2008, 43, 2986-2997.	2.7	64
485	Catalytic Ozonation of Herbicide 2,4-D over Cobalt Oxide Supported on Mesoporous Zirconia. <i>Journal of Physical Chemistry C</i> , 2008, 112, 5978-5983.	1.5	70
486	Enhanced coagulation for high alkalinity and micro-polluted water: The third way through coagulant optimization. <i>Water Research</i> , 2008, 42, 2278-2286.	5.3	141

#	ARTICLE	IF	CITATIONS
487	Mechanism of natural organic matter removal by polyaluminum chloride: Effect of coagulant particle size and hydrolysis kinetics. <i>Water Research</i> , 2008, 42, 3361-3370.	5.3	220
488	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.	0.8	40
489	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.	4.2	18
490	Effect of manganese ion on the mineralization of 2,4-dichlorophenol by ozone. <i>Chemosphere</i> , 2008, 72, 1006-1012.	4.2	33
491	Design of BDD-TiO ₂ Hybrid Electrode with P ⁺ N Function for Photoelectrocatalytic Degradation of Organic Contaminants. <i>Environmental Science & Technology</i> , 2008, 42, 4934-4939.	4.6	74
492	Bactericidal Activity of a Ce-Promoted Ag/AlPO ₄ Catalyst Using Molecular Oxygen in Water. <i>Environmental Science & Technology</i> , 2008, 42, 1699-1704.	4.6	22
493	Role of Aluminum Speciation in the Removal of Disinfection Byproduct Precursors by a Coagulation Process. <i>Environmental Science & Technology</i> , 2008, 42, 5752-5758.	4.6	123
494	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.	0.8	16
495	Preparation and evaluation of a novel Fe-Mn binary oxide adsorbent for effective arsenite removal. <i>Water Research</i> , 2007, 41, 1921-1928.	5.3	538
496	A biomimetic absorbent for removal of trace level persistent organic pollutants from water. <i>Environmental Pollution</i> , 2007, 147, 337-342.	3.7	16
497	CuFe ₂ O ₄ /activated carbon composite: A novel magnetic adsorbent for the removal of acid orange II and catalytic regeneration. <i>Chemosphere</i> , 2007, 68, 1058-1066.	4.2	270
498	Effects of copper(II) and copper oxides on THMs formation in copper pipe. <i>Chemosphere</i> , 2007, 68, 2153-2160.	4.2	36
499	Photoelectrocatalytic Degradation of Triazine-Containing Azo Dyes at Bi ₂ MoO ₆ Film Electrode under Visible Light Irradiation ($\lambda > 420$ Nm). <i>Environmental Science & Technology</i> , 2007, 41, 6802-6807.	4.6	118
500	Photoassisted Degradation of Azodyes over FeOxH ₂ -3/FeO in the Presence of H ₂ O ₂ at Neutral pH Values. <i>Environmental Science & Technology</i> , 2007, 41, 4715-4719.	4.6	47
501	Bactericidal Mechanism of Ag/Al ₂ O ₃ against <i>Escherichia coli</i> . <i>Langmuir</i> , 2007, 23, 11197-11199.	1.6	60
502	Photocatalytic Degradation of Pathogenic Bacteria with AgI/TiO ₂ under Visible Light Irradiation. <i>Langmuir</i> , 2007, 23, 4982-4987.	1.6	217
503	Alkalinity effect of coagulation with polyaluminum chlorides: Role of electrostatic patch. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 294, 163-173.	2.3	97
504	Adsorption and reduction of nitrate in water on hydrotalcite-supported Pd-Cu catalyst. <i>Catalysis Today</i> , 2007, 126, 476-482.	2.2	38

#	ARTICLE	IF	CITATIONS
505	Effect of liquid property on adsorption and catalytic reduction of nitrate over hydroxalcite-supported Pd-Cu catalyst. <i>Journal of Molecular Catalysis A</i> , 2007, 272, 31-37.	4.8	48
506	Removal of dieldrin from aqueous solution by a novel triolein-embedded composite adsorbent. <i>Journal of Hazardous Materials</i> , 2007, 141, 61-69.	6.5	36
507	Degradation of azo dye Acid Orange 7 in water by FeO/granular activated carbon system in the presence of ultrasound. <i>Journal of Hazardous Materials</i> , 2007, 144, 180-186.	6.5	174
508	Catalytic sterilization of Escherichia coli K 12 on Ag/Al ₂ O ₃ surface. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 817-823.	1.5	32
509	Relative importance of hydrolyzed Al(III) species (Ala, Alb, and Alc) during coagulation with polyaluminum chloride: A case study with the typical micro-polluted source waters. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 482-489.	5.0	143
510	Efficient destruction of pathogenic bacteria with AgBr/TiO ₂ under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2007, 73, 354-360.	10.8	86
511	Efficient destruction of bacteria with Ti(IV) and antibacterial ions in co-substituted hydroxyapatite films. <i>Applied Catalysis B: Environmental</i> , 2007, 73, 345-353.	10.8	65
512	Silicate Hindering In Situ Formed Ferric Hydroxide Precipitation: Inhibiting Arsenic Removal from Water. <i>Environmental Engineering Science</i> , 2007, 24, 707-715.	0.8	20
513	Formation and transformation of Al ₁₃ from freshly formed precipitate in partially neutralized Al(III) solution. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 41, 257-265.	1.1	8
514	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
515	Coagulation Behavior of Aluminum Salts in Eutrophic Water: A Significance of Al ₁₃ Species and pH Control. <i>Environmental Science & Technology</i> , 2006, 40, 325-331.	4.6	256
516	Ag/AgBr/TiO ₂ Visible Light Photocatalyst for Destruction of Azodyes and Bacteria. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4066-4072.	1.2	552
517	Visible-Light-Induced Photocatalytic Degradation of Azodyes in Aqueous AgI/TiO ₂ Dispersion. <i>Environmental Science & Technology</i> , 2006, 40, 7903-7907.	4.6	180
518	Efficient Destruction of Pathogenic Bacteria with NiO/SrBi ₂ O ₄ under Visible Light Irradiation. <i>Environmental Science & Technology</i> , 2006, 40, 5508-5513.	4.6	81
519	Electrochemically assisted photocatalytic degradation of Acid Orange 7 with β -PbO ₂ electrodes modified by TiO ₂ . <i>Water Research</i> , 2006, 40, 213-220.	5.3	100
520	The electrocatalytic reduction of nitrate in water on Pd/Sn-modified activated carbon fiber electrode. <i>Water Research</i> , 2006, 40, 1224-1232.	5.3	103
521	Enhanced coagulation in a typical North-China water treatment plant. <i>Water Research</i> , 2006, 40, 3621-3627.	5.3	83
522	Electrocatalytic Reduction of Nitrate in Water with a Palladium-Modified Copper Electrode. <i>Water Environment Research</i> , 2006, 78, 724-729.	1.3	19

#	ARTICLE	IF	CITATIONS
523	Fe(VI)-assisted photocatalytic degradation of microcystin-LR using titanium dioxide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 178, 106-111.	2.0	36
524	Microwave electrodeless lamp photolytic degradation of acid orange 7. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 184, 26-33.	2.0	47
525	Oxidative decomposition of azo dye C.I. Acid Orange 7 (AO7) under microwave electrodeless lamp irradiation in the presence of H ₂ O ₂ . <i>Journal of Hazardous Materials</i> , 2006, 134, 183-189.	6.5	60
526	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
527	Hydrotalcite-supported Pd-Cu catalyst for nitrate adsorption and reduction from water. <i>Science Bulletin</i> , 2006, 51, 1431-1438.	4.3	9
528	Coagulation properties of an electrochemically prepared polyaluminum chloride containing active chlorine. <i>Science Bulletin</i> , 2006, 51, 1955-1960.	1.7	2
529	Photocatalytic decomposition of acetaldehyde and <i>Escherichia coli</i> using NiO/SrBi ₂ O ₄ under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2006, 69, 17-23.	10.8	55
530	Removal of a type of endocrine disruptors—di-n-butyl phthalate from water by ozonation. <i>Journal of Environmental Sciences</i> , 2006, 18, 845-851.	3.2	17
531	Pd-Cu/æ°æ»‘çÿ³âé™,,â,-âE-æ°çèj~âZÿæ°äçš,,çié...æ¹. <i>Chinese Science Bulletin</i> , 2006, 51, 786-791.	0.4	1
532	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.	4.6	11
533	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.	2.0	286
534	Preparation and characteristic of triolein-embedded composite sorbents for water purification. <i>Separation and Purification Technology</i> , 2005, 44, 37-43.	3.9	13
535	Photoelectrochemical synergetic degradation of Acid Orange II with TiO ₂ modified Î ² -PbO ₂ electrode. <i>Science Bulletin</i> , 2005, 50, 1185-1190.	1.7	11
536	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.	4.6	97
537	Magnetic powder MnOâ€“Fe ₂ O ₃ compositeâ€”a novel material for the removal of azo-dye from water. <i>Water Research</i> , 2005, 39, 630-638.	5.3	232
538	Removal of azo-dye Acid Red B (ARB) by adsorption and catalytic combustion using magnetic CuFe ₂ O ₄ powder. <i>Applied Catalysis B: Environmental</i> , 2004, 48, 49-56.	10.8	146
539	Ozonation of alachlor catalyzed by Cu/Al ₂ O ₃ in water. <i>Catalysis Today</i> , 2004, 90, 291-296.	2.2	77
540	Optimum conditions for Al ¹³ polymer formation in PACl preparation by electrolysis process. <i>Chemosphere</i> , 2004, 55, 51-56.	4.2	27

#	ARTICLE	IF	CITATIONS
541	Novel synergic combinatorial photoelectrochemical technology for degradation of trace of 2-chlorophenol in drinking water. <i>Science Bulletin</i> , 2003, 48, 751-757.	1.7	1
542	Degradation of azo dye acid red B on manganese dioxide in the absence and presence of ultrasonic irradiation. <i>Journal of Hazardous Materials</i> , 2003, 100, 197-207.	6.5	89
543	Combined bioelectrochemical and sulfur autotrophic denitrification for drinking water treatment. <i>Water Research</i> , 2003, 37, 3767-3775.	5.3	74
544	Comparison of Two Combined Bioelectrochemical and Sulfur Autotrophic Denitrification Processes for Drinking Water Treatment. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2003, 38, 1269-1284.	0.9	5
545	Fluorimetric Determination of Arsenite and Arsenate in Water Using Fluorescein and Iodine. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 31-36.	1.8	8
546	DENITRIFICATION OF DRINKING WATER BY A COMBINED PROCESS OF HETEROTROPHICATION AND ELECTROCHEMICAL AUTOTROPHICATION. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2002, 37, 651-665.	0.9	1
547	The electrochemical production of highly effective polyaluminum chloride. <i>Water Research</i> , 1999, 33, 807-813.	5.3	53