

# Xiaoming Li

## List of Publications by Year in descending order

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135  
papers

10,763  
citations

23879

60  
h-index

37326

100  
g-index

136  
all docs

136  
docs citations

136  
times ranked

8661  
citing authors

#	ARTICLE	IF	CITATIONS
1	2D/2D FeNi-layered double hydroxide/bimetal-MOFs nanosheets for enhanced photo-Fenton degradation of antibiotics: Performance and synergetic degradation mechanism. <i>Chemosphere</i> , 2022, 287, 132061.	4.2	35
2	Revealing the mechanisms of rhamnolipid enhanced hydrogen production from dark fermentation of waste activated sludge. <i>Science of the Total Environment</i> , 2022, 806, 150347.	3.9	9
3	Peroxymonosulfate (PMS) activation by mackinawite for the degradation of organic pollutants: Underappreciated role of dissolved sulfur derivatives. <i>Science of the Total Environment</i> , 2022, 811, 151421.	3.9	22
4	Zirconium-modified biochar as the efficient adsorbent for low-concentration phosphate: performance and mechanism. <i>Environmental Science and Pollution Research</i> , 2022, 29, 62347-62360.	2.7	7
5	Sulfide enhances the Fe(II)/Fe(III) cycle in Fe(III)-peroxymonosulfate system for rapid removal of organic contaminants: Treatment efficiency, kinetics and mechanism. <i>Journal of Hazardous Materials</i> , 2022, 435, 128970.	6.5	24
6	Efficient degradation of bisphenol A via peroxydisulfate activation using in-situ N-doped carbon nanoparticles: Structure-function relationship and reaction mechanism. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 551-562.	5.0	52
7	Electro-assisted autohydrogenotrophic reduction of perchlorate and microbial community in a dual-chamber biofilm-electrode reactor. <i>Chemosphere</i> , 2021, 264, 128548.	4.2	8
8	Highly selective electrochemical nitrate reduction using copper phosphide self-supported copper foam electrode: Performance, mechanism, and application. <i>Water Research</i> , 2021, 193, 116881.	5.3	121
9	Tonalide facilitates methane production from anaerobic digestion of waste activated sludge. <i>Science of the Total Environment</i> , 2021, 779, 146195.	3.9	11
10	Enhancing methane production from anaerobic digestion of waste activated sludge with addition of sodium lauroyl sarcosinate. <i>Bioresource Technology</i> , 2021, 336, 125321.	4.8	11
11	Core-shell structured Cu <sub>2</sub> O@HKUST-1 heterojunction photocatalyst with robust stability for highly efficient tetracycline hydrochloride degradation under visible light. <i>Chemical Engineering Journal</i> , 2021, 426, 131255.	6.6	64
12	Exploring the match between the degradation of the ECM-based composites and tissue remodeling in a full-thickness abdominal wall defect model. <i>Biomaterials Science</i> , 2021, 9, 7895-7910.	2.6	9
13	The effects of thiosulfates on methane production from anaerobic co-digestion of waste activated sludge and food waste and mitigate method. <i>Journal of Hazardous Materials</i> , 2020, 384, 121363.	6.5	27
14	Synergistic adsorption and electrocatalytic reduction of bromate by Pd/N-doped loofah sponge-derived biochar electrode. <i>Journal of Hazardous Materials</i> , 2020, 386, 121651.	6.5	49
15	Insights into the toxicity of troclocarban to anaerobic digestion: Sludge characteristics and methane production. <i>Journal of Hazardous Materials</i> , 2020, 385, 121615.	6.5	27
16	Interaction between perfluorooctanoic acid and aerobic granular sludge. <i>Water Research</i> , 2020, 169, 115249.	5.3	75
17	Fluorescence characteristics and biodegradability of dissolved organic matter (DOM) leached from non-point sources in southeastern China. <i>Environmental Pollution</i> , 2020, 258, 113807.	3.7	27
18	The inhibitory effect of thiosulfate on volatile fatty acid and hydrogen production from anaerobic co-fermentation of food waste and waste activated sludge. <i>Bioresource Technology</i> , 2020, 297, 122428.	4.8	15

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19	Heterogeneous activation of persulfate by Ag doped BiFeO <sub>3</sub> composites for tetracycline degradation. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 33-45.	5.0	66
20	Influence of low voltage electric field stimulation on hydrogen generation from anaerobic digestion of waste activated sludge. <i>Science of the Total Environment</i> , 2020, 704, 135849.	3.9	15
21	Enhancement of short-chain fatty acids production from microalgae by potassium ferrate addition: Feasibility, mechanisms and implications. <i>Bioresource Technology</i> , 2020, 318, 124266.	4.8	44
22	Enhanced anaerobic co-digestion of waste activated sludge and food waste by sulfidated microscale zerovalent iron: Insights in direct interspecies electron transfer mechanism. <i>Bioresource Technology</i> , 2020, 316, 123901.	4.8	67
23	Performance and Mechanism of Potassium Ferrate(VI) Enhancing Dark Fermentative Hydrogen Accumulation from Waste Activated Sludge. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8681-8691.	3.2	25
24	Electrochemical Cr(VI) removal from aqueous media using titanium as anode: Simultaneous indirect electrochemical reduction of Cr(VI) and in-situ precipitation of Cr(III). <i>Chemosphere</i> , 2020, 260, 127537.	4.2	71
25	Three-dimensional network space Ag <sub>3</sub> PO <sub>4</sub> /NP-CQDs/rGH for enhanced organic pollutant photodegradation: Synergetic photocatalysis activity/stability and effect of real water quality parameters. <i>Chemical Engineering Journal</i> , 2020, 390, 124454.	6.6	68
26	Norfloxacin-induced effect on enhanced biological phosphorus removal from wastewater after long-term exposure. <i>Journal of Hazardous Materials</i> , 2020, 392, 122336.	6.5	21
27	Effect of citric acid on extracellular polymeric substances disruption and cell lysis in the waste activated sludge by pH regulation. <i>Bioresource Technology</i> , 2020, 302, 122859.	4.8	31
28	The underlying mechanism of calcium peroxide pretreatment enhancing methane production from anaerobic digestion of waste activated sludge. <i>Water Research</i> , 2019, 164, 114934.	5.3	184
29	Microwave pretreatment of polyacrylamide flocculated waste activated sludge: Effect on anaerobic digestion and polyacrylamide degradation. <i>Bioresource Technology</i> , 2019, 290, 121776.	4.8	31
30	Evaluating the effect of biochar on mesophilic anaerobic digestion of waste activated sludge and microbial diversity. <i>Bioresource Technology</i> , 2019, 294, 122235.	4.8	48
31	Biogas production from anaerobic co-digestion of waste activated sludge: co-substrates and influencing parameters. <i>Reviews in Environmental Science and Biotechnology</i> , 2019, 18, 771-793.	3.9	59
32	Enhanced methane production from waste activated sludge by combining calcium peroxide with ultrasonic: Performance, mechanism, and implication. <i>Bioresource Technology</i> , 2019, 279, 108-116.	4.8	52
33	Heterogeneous activation of peroxydisulfate using Mn-Fe layered double hydroxide: Performance and mechanism for organic pollutant degradation. <i>Science of the Total Environment</i> , 2019, 663, 453-464.	3.9	151
34	Nitrate addition improves hydrogen production from acidic fermentation of waste activated sludge. <i>Chemosphere</i> , 2019, 235, 814-824.	4.2	18
35	Effect of clarithromycin on the production of volatile fatty acids from waste activated sludge anaerobic fermentation. <i>Bioresource Technology</i> , 2019, 288, 121598.	4.8	54
36	Biological perchlorate reduction: which electron donor we can choose?. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16906-16922.	2.7	18

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37	Enhanced hydrogen accumulation from waste activated sludge by combining ultrasonic and free nitrous acid pretreatment: Performance, mechanism, and implication. <i>Bioresource Technology</i> , 2019, 285, 121363.	4.8	28
38	Sulfate radical-mediated degradation of phenol and methylene blue by manganese oxide octahedral molecular sieve (OMS-2) activation of peroxymonosulfate. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12963-12974.	2.7	8
39	Propranolol-Loaded Mesoporous Silica Nanoparticles for Treatment of Infantile Hemangiomas. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801261.	3.9	17
40	Heat pretreatment assists free ammonia to enhance hydrogen production from waste activated sludge. <i>Bioresource Technology</i> , 2019, 283, 316-325.	4.8	65
41	Metal-Organic Framework Supported Palladium Nanoparticles: Applications and Mechanisms. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800557.	1.2	22
42	Indirect electrochemical reduction of nitrate in water using zero-valent titanium anode: Factors, kinetics, and mechanism. <i>Water Research</i> , 2019, 157, 191-200.	5.3	95
43	Free nitrous acid-based nitrifying sludge treatment in a two-sludge system obtains high polyhydroxyalkanoates accumulation and satisfied biological nutrients removal. <i>Bioresource Technology</i> , 2019, 284, 16-24.	4.8	20
44	Enhanced short-chain fatty acids production from waste activated sludge by sophorolipid: Performance, mechanism, and implication. <i>Bioresource Technology</i> , 2019, 284, 456-465.	4.8	91
45	Thermal-alkaline pretreatment of polyacrylamide flocculated waste activated sludge: Process optimization and effects on anaerobic digestion and polyacrylamide degradation. <i>Bioresource Technology</i> , 2019, 281, 158-167.	4.8	68
46	Effect of triclocarban on hydrogen production from dark fermentation of waste activated sludge. <i>Bioresource Technology</i> , 2019, 279, 307-316.	4.8	60
47	Unveiling the mechanisms of how cationic polyacrylamide affects short-chain fatty acids accumulation during long-term anaerobic fermentation of waste activated sludge. <i>Water Research</i> , 2019, 155, 142-151.	5.3	159
48	Free ammonia aids ultrasound pretreatment to enhance short-chain fatty acids production from waste activated sludge. <i>Bioresource Technology</i> , 2019, 275, 163-171.	4.8	88
49	Enhanced Short-Chain Fatty Acids from Waste Activated Sludge by Heat-CaO <sub>2</sub> Advanced Thermal Hydrolysis Pretreatment: Parameter Optimization, Mechanisms, and Implications. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3544-3555.	3.2	71
50	Mechanisms of peroxymonosulfate pretreatment enhancing production of short-chain fatty acids from waste activated sludge. <i>Water Research</i> , 2019, 148, 239-249.	5.3	188
51	Pretreatment of landfill leachate in near-neutral pH condition by persulfate activated Fe-C micro-electrolysis system. <i>Chemosphere</i> , 2019, 216, 749-756.	4.2	47
52	Hydrated lanthanum oxide-modified diatomite as highly efficient adsorbent for low-concentration phosphate removal from secondary effluents. <i>Journal of Environmental Management</i> , 2019, 231, 370-379.	3.8	140
53	Enhanced volatile fatty acids production from waste activated sludge anaerobic fermentation by adding tofu residue. <i>Bioresource Technology</i> , 2019, 274, 430-438.	4.8	55
54	Facile synthesis of In <sub>2</sub> S <sub>3</sub> /UiO-66 composite with enhanced adsorption performance and photocatalytic activity for the removal of tetracycline under visible light irradiation. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 444-457.	5.0	120

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55	Simultaneously efficient adsorption and photocatalytic degradation of tetracycline by Fe-based MOFs. <i>Journal of Colloid and Interface Science</i> , 2018, 519, 273-284.	5.0	552
56	Enhanced short-chain fatty acids production from waste activated sludge by combining calcium peroxide with free ammonia pretreatment. <i>Bioresource Technology</i> , 2018, 262, 114-123.	4.8	85
57	Free ammonia enhances dark fermentative hydrogen production from waste activated sludge. <i>Water Research</i> , 2018, 133, 272-281.	5.3	163
58	Understanding the impact of cationic polyacrylamide on anaerobic digestion of waste activated sludge. <i>Water Research</i> , 2018, 130, 281-290.	5.3	156
59	Effect of acetate to glycerol ratio on enhanced biological phosphorus removal. <i>Chemosphere</i> , 2018, 196, 78-86.	4.2	47
60	Effect of diclofenac on the production of volatile fatty acids from anaerobic fermentation of waste activated sludge. <i>Bioresource Technology</i> , 2018, 254, 7-15.	4.8	80
61	Free ammonia-based sludge treatment reduces sludge production in the wastewater treatment process. <i>Chemosphere</i> , 2018, 205, 484-492.	4.2	44
62	Novel stepwise pH control strategy to improve short chain fatty acid production from sludge anaerobic fermentation. <i>Bioresource Technology</i> , 2018, 249, 431-438.	4.8	67
63	Effectiveness and mechanisms of phosphate adsorption on iron-modified biochars derived from waste activated sludge. <i>Bioresource Technology</i> , 2018, 247, 537-544.	4.8	297
64	Denitrifying microbial community with the ability to bromate reduction in a rotating biofilm-electrode reactor. <i>Journal of Hazardous Materials</i> , 2018, 342, 150-157.	6.5	36
65	MS2 coliphage and <i>E. coli</i> UVB inactivation rates in optically clear water: dose, dose rate and temperature dependence. <i>Water Science and Technology</i> , 2018, 78, 2228-2238.	1.2	5
66	Clarifying the Role of Free Ammonia in the Production of Short-Chain Fatty Acids from Waste Activated Sludge Anaerobic Fermentation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14104-14113.	3.2	73
67	Sulfate radical induced degradation of Methyl Violet azo dye with CuFe layered double hydroxide as heterogeneous photoactivator of persulfate. <i>Journal of Environmental Management</i> , 2018, 227, 406-414.	3.8	77
68	pH-Responsive Cross-Linked Low Molecular Weight Polyethylenimine as an Efficient Gene Vector for Delivery of Plasmid DNA Encoding Anti-VEGF-shRNA for Tumor Treatment. <i>Frontiers in Oncology</i> , 2018, 8, 354.	1.3	4
69	Free ammonia-based pretreatment enhances phosphorus release and recovery from waste activated sludge. <i>Chemosphere</i> , 2018, 213, 276-284.	4.2	70
70	Free Ammonia-Based Pretreatment Promotes Short-Chain Fatty Acid Production from Waste Activated Sludge. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9120-9129.	3.2	79
71	Feasibility of enhancing short-chain fatty acids production from sludge anaerobic fermentation at free nitrous acid pretreatment: Role and significance of Tea saponin. <i>Bioresource Technology</i> , 2018, 254, 194-202.	4.8	79
72	How does free ammonia-based sludge pretreatment improve methane production from anaerobic digestion of waste activated sludge. <i>Chemosphere</i> , 2018, 206, 491-501.	4.2	50

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73	Synergistic effect of free nitrite acid integrated with biosurfactant alkyl polyglucose on sludge anaerobic fermentation. <i>Waste Management</i> , 2018, 78, 310-317.	3.7	17
74	Enhanced dewaterability of waste activated sludge with Fe(II)-activated hypochlorite treatment. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27628-27638.	2.7	32
75	Improved methane production from waste activated sludge by combining free ammonia with heat pretreatment: Performance, mechanisms and applications. <i>Bioresource Technology</i> , 2018, 268, 230-236.	4.8	77
76	Sulfamethazine (SMZ) affects fermentative short-chain fatty acids production from waste activated sludge. <i>Science of the Total Environment</i> , 2018, 639, 1471-1479.	3.9	51
77	Feasibility of enhancing short-chain fatty acids production from waste activated sludge after free ammonia pretreatment: Role and significance of rhamnolipid. <i>Bioresource Technology</i> , 2018, 267, 141-148.	4.8	70
78	Highly-efficient degradation of amiloride by sulfate radicals-based photocatalytic processes: Reactive kinetics, degradation products and mechanism. <i>Chemical Engineering Journal</i> , 2018, 354, 983-994.	6.6	55
79	Free nitrous acid promotes hydrogen production from dark fermentation of waste activated sludge. <i>Water Research</i> , 2018, 145, 113-124.	5.3	137
80	Perchlorate bioreduction linked to methane oxidation in a membrane biofilm reactor: Performance and microbial community structure. <i>Journal of Hazardous Materials</i> , 2018, 357, 244-252.	6.5	36
81	The fate of cyanuric acid in biological wastewater treatment system and its impact on biological nutrient removal. <i>Journal of Environmental Management</i> , 2018, 206, 901-909.	3.8	24
82	Is denitrifying anaerobic methane oxidation-centered technologies a solution for the sustainable operation of wastewater treatment Plants?. <i>Bioresource Technology</i> , 2017, 234, 456-465.	4.8	117
83	Wastewater Opportunities for Denitrifying Anaerobic Methane Oxidation. <i>Trends in Biotechnology</i> , 2017, 35, 799-802.	4.9	85
84	Heterogeneous activation of peroxymonosulfate by Fe-Co layered doubled hydroxide for efficient catalytic degradation of Rhoadmine B. <i>Chemical Engineering Journal</i> , 2017, 321, 222-232.	6.6	344
85	Titanium dioxide nanotube arrays with silane coupling agent modification for heavy metal reduction and persistent organic pollutant degradation. <i>New Journal of Chemistry</i> , 2017, 41, 4377-4389.	1.4	22
86	Approach of describing dynamic production of volatile fatty acids from sludge alkaline fermentation. <i>Bioresource Technology</i> , 2017, 238, 343-351.	4.8	73
87	Potential impact of salinity on methane production from food waste anaerobic digestion. <i>Waste Management</i> , 2017, 67, 308-314.	3.7	123
88	Visible-light photocatalytic degradation of multiple antibiotics by AgI nanoparticle-sensitized Bi5O7I microspheres: Enhanced interfacial charge transfer based on Z-scheme heterojunctions. <i>Journal of Catalysis</i> , 2017, 352, 160-170.	3.1	92
89	Graphene oxide and carbon nitride nanosheets co-modified silver chromate nanoparticles with enhanced visible-light photoactivity and anti-photocorrosion properties towards multiple refractory pollutants degradation. <i>Applied Catalysis B: Environmental</i> , 2017, 209, 493-505.	10.8	158
90	Novel ternary heterojunction photocatalyst of Ag nanoparticles and g-C3N4 nanosheets co-modified BiVO4 for wider spectrum visible-light photocatalytic degradation of refractory pollutant. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 133-147.	10.8	343

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91	Effects of different ratios of glucose to acetate on phosphorus removal and microbial community of enhanced biological phosphorus removal (EBPR) system. <i>Environmental Science and Pollution Research</i> , 2017, 24, 4494-4505.	2.7	18
92	Triclocarban enhances short-chain fatty acids production from anaerobic fermentation of waste activated sludge. <i>Water Research</i> , 2017, 127, 150-161.	5.3	150
93	Aged refuse enhances anaerobic digestion of waste activated sludge. <i>Water Research</i> , 2017, 123, 724-733.	5.3	136
94	Evaluating the potential impact of hydrochar on the production of short-chain fatty acid from sludge anaerobic digestion. <i>Bioresource Technology</i> , 2017, 246, 234-241.	4.8	52
95	Understanding and mitigating the toxicity of cadmium to the anaerobic fermentation of waste activated sludge. <i>Water Research</i> , 2017, 124, 269-279.	5.3	157
96	Free nitrous acid-based nitrifying sludge treatment in a two-sludge system enhances nutrient removal from low-carbon wastewater. <i>Bioresource Technology</i> , 2017, 244, 920-928.	4.8	83
97	Effect of ciprofloxacin on biological nitrogen and phosphorus removal from wastewater. <i>Science of the Total Environment</i> , 2017, 605-606, 368-375.	3.9	127
98	Incentive effect of bentonite and concrete admixtures on stabilization/solidification for heavy metal-polluted sediments of Xiangjiang River. <i>Environmental Science and Pollution Research</i> , 2017, 24, 892-901.	2.7	20
99	The behavior of melamine in biological wastewater treatment system. <i>Journal of Hazardous Materials</i> , 2017, 322, 445-453.	6.5	41
100	Effective adsorption/electrocatalytic degradation of perchlorate using Pd/Pt supported on N-doped activated carbon fiber cathode. <i>Journal of Hazardous Materials</i> , 2017, 323, 602-610.	6.5	50
101	Hierarchical assembly of graphene-bridged Ag <sub>3</sub> PO <sub>4</sub> /Ag/BiVO <sub>4</sub> (040) Z-scheme photocatalyst: An efficient, sustainable and heterogeneous catalyst with enhanced visible-light photoactivity towards tetracycline degradation under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2017, 200, 330-342.	10.8	752
102	Effect of nickel on the flocculability, settleability, and dewaterability of activated sludge. <i>Bioresource Technology</i> , 2017, 224, 188-196.	4.8	55
103	Promotion of ZnSn(OH) <sub>6</sub> photoactivity by constructing heterojunction with Ag@Ag <sub>3</sub> PO <sub>4</sub> nanoparticles: Visible light elimination of single or multiple dyes. <i>Catalysis Communications</i> , 2016, 84, 137-141.	1.6	12
104	Improved biological phosphorus removal induced by an oxic/extended-idle process using glycerol and acetate at equal fractions. <i>RSC Advances</i> , 2016, 6, 86165-86173.	1.7	12
105	Advanced landfill leachate treatment using iron-carbon microelectrolysis- Fenton process: Process optimization and column experiments. <i>Journal of Hazardous Materials</i> , 2016, 318, 460-467.	6.5	83
106	Revealing the Underlying Mechanisms of How Sodium Chloride Affects Short-Chain Fatty Acid Production from the Cofermentation of Waste Activated Sludge and Food Waste. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4675-4684.	3.2	92
107	Combined Effect of Free Nitrous Acid Pretreatment and Sodium Dodecylbenzene Sulfonate on Short-Chain Fatty Acid Production from Waste Activated Sludge. <i>Scientific Reports</i> , 2016, 6, 21622.	1.6	31
108	Enhanced Photocatalytic Degradation of Tetracycline by AgI/BiVO <sub>4</sub> Heterojunction under Visible-Light Irradiation: Mineralization Efficiency and Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 32887-32900.	4.0	407

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109	Self-assembly Z-scheme heterostructured photocatalyst of Ag <sub>2</sub> O@Ag-modified bismuth vanadate for efficient photocatalytic degradation of single and dual organic pollutants under visible light irradiation. RSC Advances, 2016, 6, 60291-60307.	1.7	39
110	Photo-reduction of bromate in drinking water by metallic Ag and reduced graphene oxide (RGO) jointly modified BiVO <sub>4</sub> under visible light irradiation. Water Research, 2016, 101, 555-563.	5.3	170
111	Granular activated carbon supported iron as a heterogeneous persulfate catalyst for the pretreatment of mature landfill leachate. RSC Advances, 2016, 6, 987-994.	1.7	39
112	An efficient and green pretreatment to stimulate short-chain fatty acids production from waste activated sludge anaerobic fermentation using free nitrous acid. Chemosphere, 2016, 144, 160-167.	4.2	137
113	Facile synthesis of visible-light-active BiOI modified Bi <sub>2</sub> MoO <sub>6</sub> photocatalysts with highly enhanced photocatalytic activity. Ceramics International, 2016, 42, 2515-2525.	2.3	59
114	Complete bromate and nitrate reduction using hydrogen as the sole electron donor in a rotating biofilm-electrode reactor. Journal of Hazardous Materials, 2016, 307, 82-90.	6.5	25
115	Enhanced dewaterability of waste activated sludge by Fe(II)-activated peroxymonosulfate oxidation. Bioresource Technology, 2016, 206, 134-140.	4.8	179
116	Enhanced visible light photocatalytic activity and mechanism of ZnSn(OH) <sub>6</sub> nanocubes modified with AgI nanoparticles. Catalysis Communications, 2016, 73, 1-6.	1.6	76
117	Multiparameter optimization of bromate sorption on anion exchange resin by a two-step statistical strategy: Plackett-Burman and Box-Behnken experimental design. Desalination and Water Treatment, 2016, 57, 15524-15532.	1.0	3
118	An efficient process for wastewater treatment to mitigate free nitrous acid generation and its inhibition on biological phosphorus removal. Scientific Reports, 2015, 5, 8602.	1.6	28
119	Enhanced production of short-chain fatty acid from food waste stimulated by alkyl polyglycosides and its mechanism. Waste Management, 2015, 46, 133-139.	3.7	51
120	Effect of polyhydroxyalkanoates on dark fermentative hydrogen production from waste activated sludge. Water Research, 2015, 73, 311-322.	5.3	88
121	Free nitrous acid serving as a pretreatment method for alkaline fermentation to enhance short-chain fatty acid production from waste activated sludge. Water Research, 2015, 78, 111-120.	5.3	189
122	Plasmonic photocatalyst Ag@AgCl/ZnSn(OH) <sub>6</sub> : synthesis, characterization and enhanced visible-light photocatalytic activity in the decomposition of dyes and phenol. RSC Advances, 2015, 5, 63152-63164.	1.7	41
123	A TiO <sub>2</sub> -modified abiotic-biotic process for the degradation of the azo dye methyl orange. RSC Advances, 2015, 5, 58704-58712.	1.7	58
124	How Does Poly(hydroxyalkanoate) Affect Methane Production from the Anaerobic Digestion of Waste-Activated Sludge?. Environmental Science & Technology, 2015, 49, 12253-12262.	4.6	125
125	Conditioned medium from mesenchymal stem cells enhances the migration of hepatoma cells through CXCR4 up-regulation and F-actin remodeling. Biotechnology Letters, 2015, 37, 511-521.	1.1	13
126	Simultaneous Adsorption/Reduction of Bromate by Nanoscale Zerovalent Iron Supported on Modified Activated Carbon. Industrial & Engineering Chemistry Research, 2013, 52, 12574-12581.	1.8	93



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127	Effect of initial pH control on biological phosphorus removal induced by the aerobic/extended-idle regime. <i>Chemosphere</i> , 2013, 90, 2279-2287.	4.2	35
128	Comparison between acetate and propionate as carbon sources for phosphorus removal in the aerobic/extended-idle regime. <i>Biochemical Engineering Journal</i> , 2013, 70, 151-157.	1.8	18
129	Improved biological phosphorus removal performance driven by the aerobic/extended-idle regime with propionate as the sole carbon source. <i>Water Research</i> , 2012, 46, 3868-3878.	5.3	80
130	Photodegradation of amoxicillin by catalyzed Fe <sup>3+</sup> /H <sub>2</sub> O <sub>2</sub> process. <i>Journal of Environmental Sciences</i> , 2012, 24, 269-275.	3.2	40
131	Granulation of Simultaneous Partial Nitrification and Anammox Biomass in One Single SBR System. <i>Applied Biochemistry and Biotechnology</i> , 2011, 163, 1053-1065.	1.4	28
132	Reducing the startup time of aerobic granular sludge reactors through magnesium and PAC augmentation. , 2011, , .		0
133	Effect and mechanism of carbon sources on phosphorus uptake by microorganisms in sequencing batch reactors with the single-stage oxic process. <i>Science in China Series B: Chemistry</i> , 2009, 52, 2358-2365.	0.8	5
134	Enrichment and granulation of Anammox biomass started up with methanogenic granular sludge. <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 1015-1020.	1.7	20
135	Influence of tectonic stress on coalification: Stress degradation mechanism and stress polycondensation mechanism. <i>Science in China Series D: Earth Sciences</i> , 2007, 50, 43-54.	0.9	66