

Xiaoming Li

List of Publications by Year in descending order

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135
papers

10,763
citations

20817

60
h-index

32842

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136
all docs

136
docs citations

136
times ranked

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#	ARTICLE	IF	CITATIONS
1	Hierarchical assembly of graphene-bridged Ag ₃ PO ₄ /Ag/BiVO ₄ (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.	20.2	752
2	Simultaneously efficient adsorption and photocatalytic degradation of tetracycline by Fe-based MOFs. <i>Journal of Colloid and Interface Science</i> , 2018, 519, 273-284.	9.4	552
3	Enhanced Photocatalytic Degradation of Tetracycline by AgI/BiVO ₄ Heterojunction under Visible-Light Irradiation: Mineralization Efficiency and Mechanism. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32887-32900.	8.0	407
4	Heterogeneous activation of peroxymonosulfate by Fe-Co layered doubled hydroxide for efficient catalytic degradation of Rhodamine B. <i>Chemical Engineering Journal</i> , 2017, 321, 222-232.	12.7	344
5	Novel ternary heterojunction photocatalyst of Ag nanoparticles and g-C ₃ N ₄ nanosheets co-modified BiVO ₄ for wider spectrum visible-light photocatalytic degradation of refractory pollutant. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 133-147.	20.2	343
6	Effectiveness and mechanisms of phosphate adsorption on iron-modified biochars derived from waste activated sludge. <i>Bioresource Technology</i> , 2018, 247, 537-544.	9.6	297
7	Free nitrous acid serving as a pretreatment method for alkaline fermentation to enhance short-chain fatty acid production from waste activated sludge. <i>Water Research</i> , 2015, 78, 111-120.	11.3	189
8	Mechanisms of peroxymonosulfate pretreatment enhancing production of short-chain fatty acids from waste activated sludge. <i>Water Research</i> , 2019, 148, 239-249.	11.3	188
9	The underlying mechanism of calcium peroxide pretreatment enhancing methane production from anaerobic digestion of waste activated sludge. <i>Water Research</i> , 2019, 164, 114934.	11.3	184
10	Enhanced dewaterability of waste activated sludge by Fe(II)-activated peroxymonosulfate oxidation. <i>Bioresource Technology</i> , 2016, 206, 134-140.	9.6	179
11	Photo-reduction of bromate in drinking water by metallic Ag and reduced graphene oxide (RGO) jointly modified BiVO ₄ under visible light irradiation. <i>Water Research</i> , 2016, 101, 555-563.	11.3	170
12	Free ammonia enhances dark fermentative hydrogen production from waste activated sludge. <i>Water Research</i> , 2018, 133, 272-281.	11.3	163
13	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.	11.3	159
14	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.	20.2	158
15	Understanding and mitigating the toxicity of cadmium to the anaerobic fermentation of waste activated sludge. <i>Water Research</i> , 2017, 124, 269-279.	11.3	157
16	Understanding the impact of cationic polyacrylamide on anaerobic digestion of waste activated sludge. <i>Water Research</i> , 2018, 130, 281-290.	11.3	156
17	Heterogeneous activation of peroxymonosulfate using Mn-Fe layered double hydroxide: Performance and mechanism for organic pollutant degradation. <i>Science of the Total Environment</i> , 2019, 663, 453-464.	8.0	151
18	Triclocarban enhances short-chain fatty acids production from anaerobic fermentation of waste activated sludge. <i>Water Research</i> , 2017, 127, 150-161.	11.3	150

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19	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.	7.8	140
20	An efficient and green pretreatment to stimulate short-chain fatty acids production from waste activated sludge anaerobic fermentation using free nitrous acid. <i>Chemosphere</i> , 2016, 144, 160-167.	8.2	137
21	Free nitrous acid promotes hydrogen production from dark fermentation of waste activated sludge. <i>Water Research</i> , 2018, 145, 113-124.	11.3	137
22	Aged refuse enhances anaerobic digestion of waste activated sludge. <i>Water Research</i> , 2017, 123, 724-733.	11.3	136
23	Effect of ciprofloxacin on biological nitrogen and phosphorus removal from wastewater. <i>Science of the Total Environment</i> , 2017, 605-606, 368-375.	8.0	127
24	How Does Poly(hydroxyalkanoate) Affect Methane Production from the Anaerobic Digestion of Waste-Activated Sludge?. <i>Environmental Science & Technology</i> , 2015, 49, 12253-12262.	10.0	125
25	Potential impact of salinity on methane production from food waste anaerobic digestion. <i>Waste Management</i> , 2017, 67, 308-314.	7.4	123
26	Highly selective electrochemical nitrate reduction using copper phosphide self-supported copper foam electrode: Performance, mechanism, and application. <i>Water Research</i> , 2021, 193, 116881.	11.3	121
27	Facile synthesis of In ₂ S ₃ /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.	9.4	120
28	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.	9.6	117
29	Indirect electrochemical reduction of nitrate in water using zero-valent titanium anode: Factors, kinetics, and mechanism. <i>Water Research</i> , 2019, 157, 191-200.	11.3	95
30	Simultaneous Adsorption/Reduction of Bromate by Nanoscale Zerovalent Iron Supported on Modified Activated Carbon. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 12574-12581.	3.7	93
31	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.	6.7	92
32	Visible-light photocatalytic degradation of multiple antibiotics by AgI nanoparticle-sensitized Bi ₅ O ₇ I microspheres: Enhanced interfacial charge transfer based on Z-scheme heterojunctions. <i>Journal of Catalysis</i> , 2017, 352, 160-170.	6.2	92
33	Enhanced short-chain fatty acids production from waste activated sludge by sophorolipid: Performance, mechanism, and implication. <i>Bioresource Technology</i> , 2019, 284, 456-465.	9.6	91
34	Effect of polyhydroxyalkanoates on dark fermentative hydrogen production from waste activated sludge. <i>Water Research</i> , 2015, 73, 311-322.	11.3	88
35	Free ammonia aids ultrasound pretreatment to enhance short-chain fatty acids production from waste activated sludge. <i>Bioresource Technology</i> , 2019, 275, 163-171.	9.6	88
36	Wastewater Opportunities for Denitrifying Anaerobic Methane Oxidation. <i>Trends in Biotechnology</i> , 2017, 35, 799-802.	9.3	85

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37	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.	9.6	85
38	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.	12.4	83
39	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.	9.6	83
40	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.	11.3	80
41	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.	9.6	80
42	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.	6.7	79
43	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.	9.6	79
44	Sulfate radical induced degradation of Methyl Violet azo dye with CuFe layered doubled hydroxide as heterogeneous photoactivator of persulfate. <i>Journal of Environmental Management</i> , 2018, 227, 406-414.	7.8	77
45	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.	9.6	77
46	Enhanced visible light photocatalytic activity and mechanism of ZnSn(OH) ₆ nanocubes modified with AgI nanoparticles. <i>Catalysis Communications</i> , 2016, 73, 1-6.	3.3	76
47	Interaction between perfluorooctanoic acid and aerobic granular sludge. <i>Water Research</i> , 2020, 169, 115249.	11.3	75
48	Approach of describing dynamic production of volatile fatty acids from sludge alkaline fermentation. <i>Bioresource Technology</i> , 2017, 238, 343-351.	9.6	73
49	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.	6.7	73
50	Enhanced Short-Chain Fatty Acids from Waste Activated Sludge by Heat-Induced CaO ₂ Advanced Thermal Hydrolysis Pretreatment: Parameter Optimization, Mechanisms, and Implications. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3544-3555.	6.7	71
51	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.	8.2	71
52	Free ammonia-based pretreatment enhances phosphorus release and recovery from waste activated sludge. <i>Chemosphere</i> , 2018, 213, 276-284.	8.2	70
53	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.	9.6	70
54	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.	9.6	68

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55	Three-dimensional network space Ag ₃ PO ₄ /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.	12.7	68
56	Novel stepwise pH control strategy to improve short chain fatty acid production from sludge anaerobic fermentation. <i>Bioresource Technology</i> , 2018, 249, 431-438.	9.6	67
57	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.	9.6	67
58	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
59	Heterogeneous activation of persulfate by Ag doped BiFeO ₃ composites for tetracycline degradation. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 33-45.	9.4	66
60	Heat pretreatment assists free ammonia to enhance hydrogen production from waste activated sludge. <i>Bioresource Technology</i> , 2019, 283, 316-325.	9.6	65
61	Core-shell structured Cu ₂ 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.	12.7	64
62	Effect of triclocarban on hydrogen production from dark fermentation of waste activated sludge. <i>Bioresource Technology</i> , 2019, 279, 307-316.	9.6	60
63	Facile synthesis of visible-light-active BiOI modified Bi ₂ MoO ₆ photocatalysts with highly enhanced photocatalytic activity. <i>Ceramics International</i> , 2016, 42, 2515-2525.	4.8	59
64	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.	8.1	59
65	A TiO ₂ modified abiotic-biotic process for the degradation of the azo dye methyl orange. <i>RSC Advances</i> , 2015, 5, 58704-58712.	3.6	58
66	Effect of nickel on the flocculability, settleability, and dewaterability of activated sludge. <i>Bioresource Technology</i> , 2017, 224, 188-196.	9.6	55
67	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.	12.7	55
68	Enhanced volatile fatty acids production from waste activated sludge anaerobic fermentation by adding tofu residue. <i>Bioresource Technology</i> , 2019, 274, 430-438.	9.6	55
69	Effect of clarithromycin on the production of volatile fatty acids from waste activated sludge anaerobic fermentation. <i>Bioresource Technology</i> , 2019, 288, 121598.	9.6	54
70	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.	9.6	52
71	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.	9.6	52
72	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.	9.4	52

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73	Enhanced production of short-chain fatty acid from food waste stimulated by alkyl polyglycosides and its mechanism. <i>Waste Management</i> , 2015, 46, 133-139.	7.4	51
74	Sulfamethazine (SMZ) affects fermentative short-chain fatty acids production from waste activated sludge. <i>Science of the Total Environment</i> , 2018, 639, 1471-1479.	8.0	51
75	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.	12.4	50
76	How does free ammonia-based sludge pretreatment improve methane production from anaerobic digestion of waste activated sludge. <i>Chemosphere</i> , 2018, 206, 491-501.	8.2	50
77	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.	12.4	49
78	Evaluating the effect of biochar on mesophilic anaerobic digestion of waste activated sludge and microbial diversity. <i>Bioresource Technology</i> , 2019, 294, 122235.	9.6	48
79	Effect of acetate to glycerol ratio on enhanced biological phosphorus removal. <i>Chemosphere</i> , 2018, 196, 78-86.	8.2	47
80	Pretreatment of landfill leachate in near-neutral pH condition by persulfate activated Fe-C micro-electrolysis system. <i>Chemosphere</i> , 2019, 216, 749-756.	8.2	47
81	Free ammonia-based sludge treatment reduces sludge production in the wastewater treatment process. <i>Chemosphere</i> , 2018, 205, 484-492.	8.2	44
82	Enhancement of short-chain fatty acids production from microalgae by potassium ferrate addition: Feasibility, mechanisms and implications. <i>Bioresource Technology</i> , 2020, 318, 124266.	9.6	44
83	Plasmonic photocatalyst Ag@AgCl/ZnSn(OH) ₆ : synthesis, characterization and enhanced visible-light photocatalytic activity in the decomposition of dyes and phenol. <i>RSC Advances</i> , 2015, 5, 63152-63164.	3.6	41
84	The behavior of melamine in biological wastewater treatment system. <i>Journal of Hazardous Materials</i> , 2017, 322, 445-453.	12.4	41
85	Photodegradation of amoxicillin by catalyzed Fe ³⁺ /H ₂ O ₂ process. <i>Journal of Environmental Sciences</i> , 2012, 24, 269-275.	6.1	40
86	Self-assembly Z-scheme heterostructured photocatalyst of Ag ₂ O@Ag-modified bismuth vanadate for efficient photocatalytic degradation of single and dual organic pollutants under visible light irradiation. <i>RSC Advances</i> , 2016, 6, 60291-60307.	3.6	39
87	Granular activated carbon supported iron as a heterogeneous persulfate catalyst for the pretreatment of mature landfill leachate. <i>RSC Advances</i> , 2016, 6, 987-994.	3.6	39
88	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.	12.4	36
89	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.	12.4	36
90	Effect of initial pH control on biological phosphorus removal induced by the aerobic/extended-idle regime. <i>Chemosphere</i> , 2013, 90, 2279-2287.	8.2	35

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91	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.	8.2	35
92	Enhanced dewaterability of waste activated sludge with Fe(II)-activated hypochlorite treatment. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27628-27638.	5.3	32
93	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.	3.3	31
94	Microwave pretreatment of polyacrylamide flocculated waste activated sludge: Effect on anaerobic digestion and polyacrylamide degradation. <i>Bioresource Technology</i> , 2019, 290, 121776.	9.6	31
95	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.	9.6	31
96	Granulation of Simultaneous Partial Nitrification and Anammox Biomass in One Single SBR System. <i>Applied Biochemistry and Biotechnology</i> , 2011, 163, 1053-1065.	2.9	28
97	An efficient process for wastewater treatment to mitigate free nitrous acid generation and its inhibition on biological phosphorus removal. <i>Scientific Reports</i> , 2015, 5, 8602.	3.3	28
98	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.	9.6	28
99	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.	12.4	27
100	Insights into the toxicity of troclocarban to anaerobic digestion: Sludge characteristics and methane production. <i>Journal of Hazardous Materials</i> , 2020, 385, 121615.	12.4	27
101	Fluorescence characteristics and biodegradability of dissolved organic matter (DOM) leached from non-point sources in southeastern China. <i>Environmental Pollution</i> , 2020, 258, 113807.	7.5	27
102	Complete bromate and nitrate reduction using hydrogen as the sole electron donor in a rotating biofilm-electrode reactor. <i>Journal of Hazardous Materials</i> , 2016, 307, 82-90.	12.4	25
103	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.	6.7	25
104	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.	7.8	24
105	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.	12.4	24
106	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.	2.8	22
107	Metal-Organic Framework Supported Palladium Nanoparticles: Applications and Mechanisms. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1800557.	2.3	22
108	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.	8.0	22

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109	Norfloxacin-induced effect on enhanced biological phosphorus removal from wastewater after long-term exposure. <i>Journal of Hazardous Materials</i> , 2020, 392, 122336.	12.4	21
110	Enrichment and granulation of Anammox biomass started up with methanogenic granular sludge. <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 1015-1020.	3.6	20
111	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.	5.3	20
112	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.	9.6	20
113	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.	3.6	18
114	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.	5.3	18
115	Nitrate addition improves hydrogen production from acidic fermentation of waste activated sludge. <i>Chemosphere</i> , 2019, 235, 814-824.	8.2	18
116	Biological perchlorate reduction: which electron donor we can choose?. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16906-16922.	5.3	18
117	Synergistic effect of free nitrite acid integrated with biosurfactant alkyl polyglucose on sludge anaerobic fermentation. <i>Waste Management</i> , 2018, 78, 310-317.	7.4	17
118	Propranololâ€Loaded Mesoporous Silica Nanoparticles for Treatment of Infantile Hemangiomas. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801261.	7.6	17
119	The inhibitory effect of thiosulfinate 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.	9.6	15
120	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.	8.0	15
121	Conditioned medium from mesenchymal stem cells enhances the migration of hepatoma cells through CXCR4 up-regulation and F-actin remodeling. <i>Biotechnology Letters</i> , 2015, 37, 511-521.	2.2	13
122	Promotion of ZnSn(OH)6 photoactivity by constructing heterojunction with Ag@Ag3PO4 nanoparticles: Visible light elimination of single or multiple dyes. <i>Catalysis Communications</i> , 2016, 84, 137-141.	3.3	12
123	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.	3.6	12
124	Tonalide facilitates methane production from anaerobic digestion of waste activated sludge. <i>Science of the Total Environment</i> , 2021, 779, 146195.	8.0	11
125	Enhancing methane production from anaerobic digestion of waste activated sludge with addition of sodium lauroyl sarcosinate. <i>Bioresource Technology</i> , 2021, 336, 125321.	9.6	11
126	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.	8.0	9

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127	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.	5.4	9
128	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.	5.3	8
129	Electro-assisted autohydrogenotrophic reduction of perchlorate and microbial community in a dual-chamber biofilm-electrode reactor. <i>Chemosphere</i> , 2021, 264, 128548.	8.2	8
130	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.	5.3	7
131	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
132	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.	2.5	5
133	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.	2.8	4
134	Multiparameter optimization of bromate sorption on anion exchange resin by a two-step statistical strategy: Plackett-Burman and Box-Behnken experimental design. <i>Desalination and Water Treatment</i> , 2016, 57, 15524-15532.	1.0	3
135	Reducing the startup time of aerobic granular sludge reactors through magnesium and PAC augmentation. , 2011, , .		0