

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Revisiting the contribution of FelVO2+ in Fe(II)/peroxydisulfate system. Chinese Chemical Letters, 2023, 34, 107555.	9.0	1
2	2D/2D FeNi-layered double hydroxide/bimetal-MOFs nanosheets for enhanced photo-Fenton degradation of antibiotics: Performance and synergetic degradation mechanism. Chemosphere, 2022, 287, 132061.	8.2	35
3	In-situ regeneration of tetracycline-saturated hierarchical porous carbon by peroxydisulfate oxidation process: Performance, mechanism and application. Chemical Engineering Journal, 2022, 427, 131749.	12.7	29
4	Revealing the mechanisms of rhamnolipid enhanced hydrogen production from dark fermentation of waste activated sludge. Science of the Total Environment, 2022, 806, 150347.	8.0	9
5	Peroxymonosulfate (PMS) activation by mackinawite for the degradation of organic pollutants: Underappreciated role of dissolved sulfur derivatives. Science of the Total Environment, 2022, 811, 151421.	8.0	22
6	Evaluating the effect of diclofenac on hydrogen production by anaerobic fermentation of waste activated sludge. Journal of Environmental Management, 2022, 308, 114641.	7.8	11
7	Zirconium-modified biochar as the efficient adsorbent for low-concentration phosphate: performance and mechanism. Environmental Science and Pollution Research, 2022, 29, 62347-62360.	5.3	7
8	Adsorption of 2,4-dichlorophenoxyacetic acid over Fe–Zr-based metal-organic frameworks: Synthesis, characterization, kinetics, and mechanism studies. Journal of Environmental Chemical Engineering, 2022, 10, 107472.	6.7	10
9	Biomass-derived carbon quantum dots modified Bi2MoO6/Bi2S3 heterojunction for efficient photocatalytic removal of organic pollutants and Cr (â¥). Separation and Purification Technology, 2022, 291, 120901.	7.9	37
10	Facile synthesis of Ag@AgCl/ZnAl-LDH sesame balls nanocomposites with enhanced photocatalytic performance for the degradation of neonicotinoid pesticides. Chemical Engineering Journal, 2022, 446, 136485.	12.7	11
11	Sulfide enhances the Fe(II)/Fe(III) cycle in Fe(III)-peroxymonosulfate system for rapid removal of organic contaminants: Treatment efficiency, kinetics and mechanism. Journal of Hazardous Materials, 2022, 435, 128970.	12.4	24
12	S-scheme Cs2AgBiBr6/Ag3PO4 heterojunction with efficient photocatalysis performance for H2 production and organic pollutant degradation under visible light. Separation and Purification Technology, 2022, 295, 121250.	7.9	38
13	Incorporating metal–organic frameworks into substrates for environmental applications. Chemical Engineering Journal, 2022, 446, 136866.	12.7	14
14	Nonradical-dominated peroxydisulfate activation by nitrogen-rich hierarchical porous graphite carbon for efficient degradation of tetracycline. Carbon, 2022, 196, 736-748.	10.3	25
15	FellAlIII layered double hydroxide modified carbon-felt cathode for efficient electrochemical reduction of bromate. Chemical Engineering Journal, 2022, 446, 137356.	12.7	28
16	Achieving high-performance electrocatalytic reduction of nitrate by N-rich carbon-encapsulated Ni-Cu bimetallic nanoparticles supported nickel foam electrode. Journal of Hazardous Materials, 2022, 436, 129253.	12.4	14
17	Mn-Doped Biochar Derived from Sewage Sludge for Ciprofloxacin Degradation. Journal of Environmental Engineering, ASCE, 2022, 148, .	1.4	1
18	Understanding the interaction between triclocarban and denitrifiers. Journal of Hazardous Materials, 2021, 401, 123343.	12.4	16

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19	Efficient degradation of bisphenol A via peroxydisulfate activation using in-situ N-doped carbon nanoparticles: Structure-function relationship and reaction mechanism. Journal of Colloid and Interface Science, 2021, 586, 551-562.	9.4	52
20	Mechanisms of potassium permanganate pretreatment improving anaerobic fermentation performance of waste activated sludge. Chemical Engineering Journal, 2021, 406, 126797.	12.7	64
21	A critical review on the mechanisms of persulfate activation by iron-based materials: Clarifying some ambiguity and controversies. Chemical Engineering Journal, 2021, 407, 127078.	12.7	101
22	Towards hydrogen production from waste activated sludge: Principles, challenges and perspectives. Renewable and Sustainable Energy Reviews, 2021, 135, 110283.	16.4	86
23	Electro-assisted autohydrogenotrophic reduction of perchlorate and microbial community in a dual-chamber biofilm-electrode reactor. Chemosphere, 2021, 264, 128548.	8.2	8
24	Mechanistic insights into the effect of poly ferric sulfate on anaerobic digestion of waste activated sludge. Water Research, 2021, 189, 116645.	11.3	95
25	Understanding the fate and impact of capsaicin in anaerobic co-digestion of food waste and waste activated sludge. Water Research, 2021, 188, 116539.	11.3	99
26	Understanding the mechanism of how anaerobic fermentation deteriorates sludge dewaterability. Chemical Engineering Journal, 2021, 404, 127026.	12.7	51
27	Efficient decontamination of organic pollutants under high salinity conditions by a nonradical peroxymonosulfate activation system. Water Research, 2021, 191, 116799.	11.3	259
28	AgBr nanoparticles decorated 2D/2D GO/Bi2WO6 photocatalyst with enhanced photocatalytic performance for the removal of tetracycline hydrochloride. Chemical Engineering Journal, 2021, 410, 128283.	12.7	139
29	Highly selective electrochemical nitrate reduction using copper phosphide self-supported copper foam electrode: Performance, mechanism, and application. Water Research, 2021, 193, 116881.	11.3	121
30	Revealing how the entering nano-titanium dioxide in wastewater worsened sludge dewaterability. Chemical Engineering Journal, 2021, 411, 128465.	12.7	32
31	Tonalide facilitates methane production from anaerobic digestion of waste activated sludge. Science of the Total Environment, 2021, 779, 146195.	8.0	11
32	Digestion liquid based alkaline pretreatment of waste activated sludge promotes methane production from anaerobic digestion. Water Research, 2021, 199, 117198.	11.3	63
33	Recent advances in transition metal carbides and nitrides (MXenes): Characteristics, environmental remediation and challenges. Chemical Engineering Journal, 2021, 418, 129296.	12.7	70
34	Enhancing methane production from anaerobic digestion of waste activated sludge with addition of sodium lauroyl sarcosinate. Bioresource Technology, 2021, 336, 125321.	9.6	11
35	Understanding and regulating the impact of tetracycline to the anaerobic fermentation of waste activated sludge. Journal of Cleaner Production, 2021, 313, 127929.	9.3	23
36	Triclosan degradation in sludge anaerobic fermentation and its impact on hydrogen production. Chemical Engineering Journal, 2021, 421, 129948.	12.7	24

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37	In-depth research on percarbonate expediting zero-valent iron corrosion for conditioning anaerobically digested sludge. Journal of Hazardous Materials, 2021, 419, 126389.	12.4	23
38	A critical review on the application of biochar in environmental pollution remediation: Role of persistent free radicals (PFRs). Journal of Environmental Sciences, 2021, 108, 201-216.	6.1	76
39	Photocatalytic degradation of tetracycline by metal-organic frameworks modified with Bi2WO6 nanosheet under direct sunlight. Chemosphere, 2021, 284, 131386.	8.2	64
40	In-situ growth of needle-like Co3O4 on cobalt foam as a self-supported cathode for electrochemical reduction of nitrate. Separation and Purification Technology, 2021, 276, 119329.	7.9	31
41	Core-shell structured Cu2O@HKUST-1 heterojunction photocatalyst with robust stability for highly efficient tetracycline hydrochloride degradation under visible light. Chemical Engineering Journal, 2021, 426, 131255.	12.7	64
42	Free ammonia pretreatment assists potassium ferrate to enhance the production of short-chain fatty acids from waste activated sludge: Performance, mechanisms and applications. Journal of Cleaner Production, 2021, 328, 129620.	9.3	16
43	How Does Chitosan Affect Methane Production in Anaerobic Digestion?. Environmental Science & Technology, 2021, 55, 15843-15852.	10.0	76
44	Multi-hydrolytic enzyme accumulation and microbial community structure of anaerobic co-digestion of food waste and waste-activated sludge. Environmental Technology (United Kingdom), 2020, 41, 478-487.	2.2	10
45	The effects of thiosulfinates on methane production from anaerobic co-digestion of waste activated sludge and food waste and mitigate method. Journal of Hazardous Materials, 2020, 384, 121363.	12.4	27
46	Synergistic adsorption and electrocatalytic reduction of bromate by Pd/N-doped loofah sponge-derived biochar electrode. Journal of Hazardous Materials, 2020, 386, 121651.	12.4	49
47	Enhanced dewaterability of anaerobically digested sludge by in-situ free nitrous acid treatment. Water Research, 2020, 169, 115264.	11.3	73
48	Interaction between perfluorooctanoic acid and aerobic granular sludge. Water Research, 2020, 169, 115249.	11.3	75
49	Enhanced dark fermentative hydrogen production from waste activated sludge by combining potassium ferrate with alkaline pretreatment. Science of the Total Environment, 2020, 707, 136105.	8.0	39
50	Sulfite serving as a pretreatment method for alkaline fermentation to enhance short-chain fatty acid production from waste activated sludge. Chemical Engineering Journal, 2020, 385, 123991.	12.7	131
51	The inhibitory effect of thiosulfinate on volatile fatty acid and hydrogen production from anaerobic co-fermentation of food waste and waste activated sludge. Bioresource Technology, 2020, 297, 122428.	9.6	15
52	Heterogeneous activation of persulfate by Ag doped BiFeO3 composites for tetracycline degradation. Journal of Colloid and Interface Science, 2020, 566, 33-45.	9.4	66
53	Influence of low voltage electric field stimulation on hydrogen generation from anaerobic digestion of waste activated sludge. Science of the Total Environment, 2020, 704, 135849.	8.0	15
54	Electrochemical reduction of bromate using noble metal-free nanoscale zero-valent iron immobilized activated carbon fiber electrode. Chemical Engineering Journal, 2020, 389, 123588.	12.7	29

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55	Degradation performance of carbamazepine by ferrous-activated sodium hypochlorite: Mechanism and impacts on the soil system. Chemical Engineering Journal, 2020, 389, 123451.	12.7	18
56	Freezing in the presence of nitrite pretreatment enhances hydrogen production from dark fermentation of waste activated sludge. Journal of Cleaner Production, 2020, 248, 119305.	9.3	45
57	Enhancement of short-chain fatty acids production from microalgae by potassium ferrate addition: Feasibility, mechanisms and implications. Bioresource Technology, 2020, 318, 124266.	9.6	44
58	Catalytic degradation of ciprofloxacin by a visible-light-assisted peroxymonosulfate activation system: Performance and mechanism. Water Research, 2020, 173, 115559.	11.3	270
59	Enhanced anaerobic co-digestion of waste activated sludge and food waste by sulfidated microscale zerovalent iron: Insights in direct interspecies electron transfer mechanism. Bioresource Technology, 2020, 316, 123901.	9.6	67
60	The fate and impact of TCC in nitrifying cultures. Water Research, 2020, 178, 115851.	11.3	28
61	Performance and Mechanism of Potassium Ferrate(VI) Enhancing Dark Fermentative Hydrogen Accumulation from Waste Activated Sludge. ACS Sustainable Chemistry and Engineering, 2020, 8, 8681-8691.	6.7	25
62	Enhanced full solar spectrum photocatalysis by nitrogen-doped graphene quantum dots decorated BiO2-x nanosheets: Ultrafast charge transfer and molecular oxygen activation. Applied Catalysis B: Environmental, 2020, 277, 119218.	20.2	79
63	The biochar-supported iron-copper bimetallic composite activating oxygen system for simultaneous adsorption and degradation of tetracycline. Chemical Engineering Journal, 2020, 402, 126039.	12.7	77
64	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). Chemosphere, 2020, 260, 127537.	8.2	71
65	Iron electrodes activating persulfate enhances acetic acid production from waste activated sludge. Chemical Engineering Journal, 2020, 390, 124580.	12.7	18
66	Three-dimensional network space Ag3PO4/NP-CQDs/rGH for enhanced organic pollutant photodegradation: Synergetic photocatalysis activity/stability and effect of real water quality parameters. Chemical Engineering Journal, 2020, 390, 124454.	12.7	68
67	Mxene-modulated dual-heterojunction generation on a metal-organic framework (MOF) via surface constitution reconstruction for enhanced photocatalytic activity. Chemical Engineering Journal, 2020, 390, 124519.	12.7	124
68	Norfloxacin-induced effect on enhanced biological phosphorus removal from wastewater after long-term exposure. Journal of Hazardous Materials, 2020, 392, 122336.	12.4	21
69	Activation of nitrite by freezing process for anaerobic digestion enhancement of waste activated sludge: Performance and mechanisms. Chemical Engineering Journal, 2020, 387, 124147.	12.7	70
70	Effect of citric acid on extracellular polymeric substances disruption and cell lysis in the waste activated sludge by pH regulation. Bioresource Technology, 2020, 302, 122859.	9.6	31
71	Modified MIL-100(Fe) for enhanced photocatalytic degradation of tetracycline under visible-light irradiation. Journal of Colloid and Interface Science, 2020, 574, 364-376.	9.4	100
72	Calcium peroxide promotes hydrogen production from dark fermentation of waste activated sludge. Chemical Engineering Journal, 2019, 355, 22-32.	12.7	137

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73	The underlying mechanism of calcium peroxide pretreatment enhancing methane production from anaerobic digestion of waste activated sludge. Water Research, 2019, 164, 114934.	11.3	184
74	Microwave pretreatment of polyacrylamide flocculated waste activated sludge: Effect on anaerobic digestion and polyacrylamide degradation. Bioresource Technology, 2019, 290, 121776.	9.6	31
75	Recent advances in photo-activated sulfate radical-advanced oxidation process (SR-AOP) for refractory organic pollutants removal in water. Chemical Engineering Journal, 2019, 378, 122149.	12.7	401
76	Evaluating the effect of biochar on mesophilic anaerobic digestion of waste activated sludge and microbial diversity. Bioresource Technology, 2019, 294, 122235.	9.6	48
77	Biogas production from anaerobic co-digestion of waste activated sludge: co-substrates and influencing parameters. Reviews in Environmental Science and Biotechnology, 2019, 18, 771-793.	8.1	59
78	Effect of poly aluminum chloride on dark fermentative hydrogen accumulation from waste activated sludge. Water Research, 2019, 153, 217-228.	11.3	93
79	Enhanced methane production from waste activated sludge by combining calcium peroxide with ultrasonic: Performance, mechanism, and implication. Bioresource Technology, 2019, 279, 108-116.	9.6	52
80	Heterogeneous activation of peroxymonosulfate using Mn-Fe layered double hydroxide: Performance and mechanism for organic pollutant degradation. Science of the Total Environment, 2019, 663, 453-464.	8.0	151
81	Nitrate addition improves hydrogen production from acidic fermentation of waste activated sludge. Chemosphere, 2019, 235, 814-824.	8.2	18
82	Effect of clarithromycin on the production of volatile fatty acids from waste activated sludge anaerobic fermentation. Bioresource Technology, 2019, 288, 121598.	9.6	54
83	Unveiling the mechanism of biochar-activated hydrogen peroxide on the degradation of ciprofloxacin. Chemical Engineering Journal, 2019, 374, 520-530.	12.7	122
84	Enhanced ciprofloxacin removal by sludge-derived biochar: Effect of humic acid. Chemosphere, 2019, 231, 495-501.	8.2	53
85	Biological perchlorate reduction: which electron donor we can choose?. Environmental Science and Pollution Research, 2019, 26, 16906-16922.	5.3	18
86	Enhanced hydrogen accumulation from waste activated sludge by combining ultrasonic and free nitrous acid pretreatment: Performance, mechanism, and implication. Bioresource Technology, 2019, 285, 121363.	9.6	28
87	Sulfate radical-mediated degradation of phenol and methylene blue by manganese oxide octahedral molecular sieve (OMS-2) activation of peroxymonosulfate. Environmental Science and Pollution Research, 2019, 26, 12963-12974.	5.3	8
88	A critical review of volatile fatty acids produced from waste activated sludge: enhanced strategies and its applications. Environmental Science and Pollution Research, 2019, 26, 13984-13998.	5.3	89
89	Heat pretreatment assists free ammonia to enhance hydrogen production from waste activated sludge. Bioresource Technology, 2019, 283, 316-325.	9.6	65
90	Metal–Organic Framework Supported Palladium Nanoparticles: Applications and Mechanisms. Particle and Particle Systems Characterization, 2019, 36, 1800557.	2.3	22

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91	Indirect electrochemical reduction of nitrate in water using zero-valent titanium anode: Factors, kinetics, and mechanism. Water Research, 2019, 157, 191-200.	11.3	95
92	Free nitrous acid-based nitrifying sludge treatment in a two-sludge system obtains high polyhydroxyalkanoates accumulation and satisfied biological nutrients removal. Bioresource Technology, 2019, 284, 16-24.	9.6	20
93	Enhanced short-chain fatty acids production from waste activated sludge by sophorolipid: Performance, mechanism, and implication. Bioresource Technology, 2019, 284, 456-465.	9.6	91
94	Thermal-alkaline pretreatment of polyacrylamide flocculated waste activated sludge: Process optimization and effects on anaerobic digestion and polyacrylamide degradation. Bioresource Technology, 2019, 281, 158-167.	9.6	68
95	Effect of triclocarban on hydrogen production from dark fermentation of waste activated sludge. Bioresource Technology, 2019, 279, 307-316.	9.6	60
96	Unveiling the mechanisms of how cationic polyacrylamide affects short-chain fatty acids accumulation during long-term anaerobic fermentation of waste activated sludge. Water Research, 2019, 155, 142-151.	11.3	159
97	Synergetic transformations of multiple pollutants driven by BiVO4-catalyzed sulfite under visible light irradiation: Reaction kinetics and intrinsic mechanism. Chemical Engineering Journal, 2019, 355, 624-636.	12.7	77
98	Free ammonia aids ultrasound pretreatment to enhance short-chain fatty acids production from waste activated sludge. Bioresource Technology, 2019, 275, 163-171.	9.6	88
99	Enhanced Short-Chain Fatty Acids from Waste Activated Sludge by Heat–CaO ₂ Advanced Thermal Hydrolysis Pretreatment: Parameter Optimization, Mechanisms, and Implications. ACS Sustainable Chemistry and Engineering, 2019, 7, 3544-3555.	6.7	71
100	Mechanisms of peroxymonosulfate pretreatment enhancing production of short-chain fatty acids from waste activated sludge. Water Research, 2019, 148, 239-249.	11.3	188
101	Pretreatment of landfill leachate in near-neutral pH condition by persulfate activated Fe-C micro-electrolysis system. Chemosphere, 2019, 216, 749-756.	8.2	47
102	Hydrated lanthanum oxide-modified diatomite as highly efficient adsorbent for low-concentration phosphate removal from secondary effluents. Journal of Environmental Management, 2019, 231, 370-379.	7.8	140
103	Electrocatalytic hydrodechlorination of 4-chlorophenol on Pd supported multi-walled carbon nanotubes particle electrodes. Chemical Engineering Journal, 2019, 358, 903-911.	12.7	90
104	Enhanced volatile fatty acids production from waste activated sludge anaerobic fermentation by adding tofu residue. Bioresource Technology, 2019, 274, 430-438.	9.6	55
105	Facile synthesis of In2S3/UiO-66 composite with enhanced adsorption performance and photocatalytic activity for the removal of tetracycline under visible light irradiation. Journal of Colloid and Interface Science, 2019, 535, 444-457.	9.4	120
106	Simultaneously efficient adsorption and photocatalytic degradation of tetracycline by Fe-based MOFs. Journal of Colloid and Interface Science, 2018, 519, 273-284.	9.4	552
107	Enhanced short-chain fatty acids production from waste activated sludge by combining calcium peroxide with free ammonia pretreatment. Bioresource Technology, 2018, 262, 114-123.	9.6	85
108	Free ammonia enhances dark fermentative hydrogen production from waste activated sludge. Water Research, 2018, 133, 272-281.	11.3	163

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109	The feasibility of enhanced biological phosphorus removal in the novel oxic/extended idle process using fermentation liquid from sludge fermentation. RSC Advances, 2018, 8, 3321-3327.	3.6	6
110	Understanding the impact of cationic polyacrylamide on anaerobic digestion of waste activated sludge. Water Research, 2018, 130, 281-290.	11.3	156
111	Effect of acetate to glycerol ratio on enhanced biological phosphorus removal. Chemosphere, 2018, 196, 78-86.	8.2	47
112	Effect of diclofenac on the production of volatile fatty acids from anaerobic fermentation of waste activated sludge. Bioresource Technology, 2018, 254, 7-15.	9.6	80
113	Free ammonia-based sludge treatment reduces sludge production in the wastewater treatment process. Chemosphere, 2018, 205, 484-492.	8.2	44
114	Efficient construction of bismuth vanadate-based Z-scheme photocatalyst for simultaneous Cr(VI) reduction and ciprofloxacin oxidation under visible light: Kinetics, degradation pathways and mechanism. Chemical Engineering Journal, 2018, 348, 157-170.	12.7	220
115	Novel stepwise pH control strategy to improve short chain fatty acid production from sludge anaerobic fermentation. Bioresource Technology, 2018, 249, 431-438.	9.6	67
116	Effectiveness and mechanisms of phosphate adsorption on iron-modified biochars derived from waste activated sludge. Bioresource Technology, 2018, 247, 537-544.	9.6	297
117	Role of free nitrous acid in the pretreatment of waste activated sludge: Extracellular polymeric substances disruption or cells lysis?. Chemical Engineering Journal, 2018, 336, 28-37.	12.7	72
118	Understanding the mechanisms of how poly aluminium chloride inhibits short-chain fatty acids production from anaerobic fermentation of waste activated sludge. Chemical Engineering Journal, 2018, 334, 1351-1360.	12.7	99
119	Denitrifying microbial community with the ability to bromate reduction in a rotating biofilm-electrode reactor. Journal of Hazardous Materials, 2018, 342, 150-157.	12.4	36
120	Revealing the Underlying Mechanisms of How Initial pH Affects Waste Activated Sludge Solubilization and Dewaterability in Freezing and Thawing Process. ACS Sustainable Chemistry and Engineering, 2018, 6, 15822-15831.	6.7	35
121	Clarifying the Role of Free Ammonia in the Production of Short-Chain Fatty Acids from Waste Activated Sludge Anaerobic Fermentation. ACS Sustainable Chemistry and Engineering, 2018, 6, 14104-14113.	6.7	73
122	Sulfate radical induced degradation of Methyl Violet azo dye with CuFe layered doubled hydroxide as heterogeneous photoactivator of persulfate. Journal of Environmental Management, 2018, 227, 406-414.	7.8	77
123	Free ammonia-based pretreatment enhances phosphorus release and recovery from waste activated sludge. Chemosphere, 2018, 213, 276-284.	8.2	70
124	Free Ammonia-Based Pretreatment Promotes Short-Chain Fatty Acid Production from Waste Activated Sludge. ACS Sustainable Chemistry and Engineering, 2018, 6, 9120-9129.	6.7	79
125	Feasibility of enhancing short-chain fatty acids production from sludge anaerobic fermentation at free nitrous acid pretreatment: Role and significance of Tea saponin. Bioresource Technology, 2018, 254, 194-202.	9.6	79
126	How does free ammonia-based sludge pretreatment improve methane production from anaerobic digestion of waste activated sludge. Chemosphere, 2018, 206, 491-501.	8.2	50

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127	Synergistic effect of free nitrite acid integrated with biosurfactant alkyl polyglucose on sludge anaerobic fermentation. Waste Management, 2018, 78, 310-317.	7.4	17
128	Enhanced dewaterability of waste activated sludge with Fe(II)-activated hypochlorite treatment. Environmental Science and Pollution Research, 2018, 25, 27628-27638.	5.3	32
129	Improved methane production from waste activated sludge by combining free ammonia with heat pretreatment: Performance, mechanisms and applications. Bioresource Technology, 2018, 268, 230-236.	9.6	77
130	Sulfamethazine (SMZ) affects fermentative short-chain fatty acids production from waste activated sludge. Science of the Total Environment, 2018, 639, 1471-1479.	8.0	51
131	Feasibility of enhancing short-chain fatty acids production from waste activated sludge after free ammonia pretreatment: Role and significance of rhamnolipid. Bioresource Technology, 2018, 267, 141-148.	9.6	70
132	Highly-efficient degradation of amiloride by sulfate radicals-based photocatalytic processes: Reactive kinetics, degradation products and mechanism. Chemical Engineering Journal, 2018, 354, 983-994.	12.7	55
133	Free nitrous acid promotes hydrogen production from dark fermentation of waste activated sludge. Water Research, 2018, 145, 113-124.	11.3	137
134	Perchlorate bioreduction linked to methane oxidation in a membrane biofilm reactor: Performance and microbial community structure. Journal of Hazardous Materials, 2018, 357, 244-252.	12.4	36
135	The fate of cyanuric acid in biological wastewater treatment system and its impact on biological nutrient removal. Journal of Environmental Management, 2018, 206, 901-909.	7.8	24
136	Is denitrifying anaerobic methane oxidation-centered technologies a solution for the sustainable operation of wastewater treatment Plants?. Bioresource Technology, 2017, 234, 456-465.	9.6	117
137	Wastewater Opportunities for Denitrifying Anaerobic Methane Oxidation. Trends in Biotechnology, 2017, 35, 799-802.	9.3	85
138	Stable Zr(IV)-Based Metal–Organic Frameworks with Predesigned Functionalized Ligands for Highly Selective Detection of Fe(III) Ions in Water. ACS Applied Materials & Interfaces, 2017, 9, 10286-10295.	8.0	371
139	Heterogeneous activation of peroxymonosulfate by Fe-Co layered doubled hydroxide for efficient catalytic degradation of Rhoadmine B. Chemical Engineering Journal, 2017, 321, 222-232.	12.7	344
140	Approach of describing dynamic production of volatile fatty acids from sludge alkaline fermentation. Bioresource Technology, 2017, 238, 343-351.	9.6	73
141	Potential impact of salinity on methane production from food waste anaerobic digestion. Waste Management, 2017, 67, 308-314.	7.4	123
142	Enhanced visible-light-driven photocatalytic removal of refractory pollutants by Zn/Fe mixed metal oxide derived from layered double hydroxide. Catalysis Communications, 2017, 99, 15-19.	3.3	54
143	Visible-light photocatalytic degradation of multiple antibiotics by AgI nanoparticle-sensitized Bi5O7I microspheres: Enhanced interfacial charge transfer based on Z-scheme heterojunctions. Journal of Catalysis, 2017, 352, 160-170.	6.2	92
144	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. Applied Catalysis B: Environmental, 2017, 209, 493-505.	20.2	158

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145	Novel ternary heterojunction photcocatalyst of Ag nanoparticles and g-C3N4 nanosheets co-modified BiVO4 for wider spectrum visible-light photocatalytic degradation of refractory pollutant. Applied Catalysis B: Environmental, 2017, 205, 133-147.	20.2	343
146	Effects of different ratios of glucose to acetate on phosphorus removal and microbial community of enhanced biological phosphorus removal (EBPR) system. Environmental Science and Pollution Research, 2017, 24, 4494-4505.	5.3	18
147	Nickel toxicity to the performance and microbial community of enhanced biological phosphorus removal system. Chemical Engineering Journal, 2017, 313, 415-423.	12.7	61
148	Triclocarban enhances short-chain fatty acids production from anaerobic fermentation of waste activated sludge. Water Research, 2017, 127, 150-161.	11.3	150
149	A pillar-layered Cd(II) metal-organic framework for selective detection of organic explosives. Journal of Coordination Chemistry, 2017, 70, 2541-2550.	2.2	3
150	Aged refuse enhances anaerobic digestion of waste activated sludge. Water Research, 2017, 123, 724-733.	11.3	136
151	Photocatalytic degradation of perfluorooctanoic acid and perfluorooctane sulfonate in water: A critical review. Chemical Engineering Journal, 2017, 328, 927-942.	12.7	160
152	Evaluating the potential impact of hydrochar on the production of short-chain fatty acid from sludge anaerobic digestion. Bioresource Technology, 2017, 246, 234-241.	9.6	52
153	Understanding and mitigating the toxicity of cadmium to the anaerobic fermentation of waste activated sludge. Water Research, 2017, 124, 269-279.	11.3	157
154	Free nitrous acid-based nitrifying sludge treatment in a two-sludge system enhances nutrient removal from low-carbon wastewater. Bioresource Technology, 2017, 244, 920-928.	9.6	83
155	Effect of ciprofloxacin on biological nitrogen and phosphorus removal from wastewater. Science of the Total Environment, 2017, 605-606, 368-375.	8.0	127
156	The behavior of melamine in biological wastewater treatment system. Journal of Hazardous Materials, 2017, 322, 445-453.	12.4	41
157	Degradation of landfill leachate compounds by persulfate for groundwater remediation. Chemical Engineering Journal, 2017, 307, 399-407.	12.7	67
158	Simultaneous perchlorate and nitrate removal coupled with electricity generation in autotrophic denitrifying biocathode microbial fuel cell. Chemical Engineering Journal, 2017, 308, 783-790.	12.7	85
159	Effective adsorption/electrocatalytic degradation of perchlorate using Pd/Pt supported on N-doped activated carbon fiber cathode. Journal of Hazardous Materials, 2017, 323, 602-610.	12.4	50
160	Hierarchical assembly of graphene-bridged Ag3PO4/Ag/BiVO4 (040) Z-scheme photocatalyst: An efficient, sustainable and heterogeneous catalyst with enhanced visible-light photoactivity towards tetracycline degradation under visible light irradiation. Applied Catalysis B: Environmental, 2017, 200, 330-342.	20.2	752
161	Effect of nickel on the flocculability, settleability, and dewaterability of activated sludge. Bioresource Technology, 2017, 224, 188-196.	9.6	55
162	Promotion of ZnSn(OH)6 photoactivity by constructing heterojunction with Ag@Ag3PO4 nanoparticles: Visible light elimination of single or multiple dyes. Catalysis Communications, 2016, 84, 137-141.	3.3	12

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163	Improved biological phosphorus removal induced by an oxic/extended-idle process using glycerol and acetate at equal fractions. RSC Advances, 2016, 6, 86165-86173.	3.6	12
164	Catalytic and electrocatalytic reduction of perchlorate in water – A review. Chemical Engineering Journal, 2016, 306, 1081-1091.	12.7	43
165	Advanced landfill leachate treatment using iron-carbon microelectrolysis- Fenton process: Process optimization and column experiments. Journal of Hazardous Materials, 2016, 318, 460-467.	12.4	83
166	Revealing the Underlying Mechanisms of How Sodium Chloride Affects Short-Chain Fatty Acid Production from the Cofermentation of Waste Activated Sludge and Food Waste. ACS Sustainable Chemistry and Engineering, 2016, 4, 4675-4684.	6.7	92
167	Combined Effect of Free Nitrous Acid Pretreatment and Sodium Dodecylbenzene Sulfonate on Short-Chain Fatty Acid Production from Waste Activated Sludge. Scientific Reports, 2016, 6, 21622.	3.3	31
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