

Yongzhen Peng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2790682/publications.pdf>

Version: 2024-02-01

127
papers

8,471
citations

41344

49
h-index

48315

88
g-index

127
all docs

127
docs citations

127
times ranked

3435
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological nitrogen removal from sewage via anammox: Recent advances. <i>Bioresource Technology</i> , 2016, 200, 981-990.	9.6	533
2	Stratification of Extracellular Polymeric Substances (EPS) for Aggregated Anammox Microorganisms. <i>Environmental Science & Technology</i> , 2017, 51, 3260-3268.	10.0	389
3	Nitrogen Removal via Nitrite from Municipal Wastewater at Low Temperatures using Real-Time Control to Optimize Nitrifying Communities. <i>Environmental Science & Technology</i> , 2007, 41, 8159-8164.	10.0	293
4	Quantify the contribution of anammox for enhanced nitrogen removal through metagenomic analysis and mass balance in an anoxic moving bed biofilm reactor. <i>Water Research</i> , 2019, 160, 178-187.	11.3	268
5	Hotspots of anaerobic ammonium oxidation at land-freshwater interfaces. <i>Nature Geoscience</i> , 2013, 6, 103-107.	12.9	260
6	Partial denitrification providing nitrite: Opportunities of extending application for anammox. <i>Environment International</i> , 2019, 131, 105001.	10.0	252
7	Nitrite accumulation under constant temperature in anoxic denitrification process: The effects of carbon sources and COD/NO ₃ -N. <i>Bioresource Technology</i> , 2012, 114, 137-143.	9.6	235
8	Achieving Mainstream Nitrogen Removal through Coupling Anammox with Denitrification. <i>Environmental Science & Technology</i> , 2017, 51, 8405-8413.	10.0	222
9	A critical review of one-stage anammox processes for treating industrial wastewater: Optimization strategies based on key functional microorganisms. <i>Bioresource Technology</i> , 2018, 265, 498-505.	9.6	206
10	Achieving nitrogen removal via nitrite in a pilot-scale continuous pre-denitrification plant. <i>Water Research</i> , 2009, 43, 563-572.	11.3	190
11	Complete nitrogen removal from municipal wastewater via partial nitrification by appropriately alternating anoxic/aerobic conditions in a continuous plug-flow step feed process. <i>Water Research</i> , 2014, 55, 95-105.	11.3	186
12	Mechanisms and microbial structure of partial denitrification with high nitrite accumulation. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2011-2021.	3.6	172
13	Achieving partial denitrification with sludge fermentation liquid as carbon source: The effect of seeding sludge. <i>Bioresource Technology</i> , 2013, 149, 570-574.	9.6	171
14	Anaerobic ammonium oxidation in traditional municipal wastewater treatment plants with low-strength ammonium loading: Widespread but overlooked. <i>Water Research</i> , 2015, 84, 66-75.	11.3	168
15	Advanced nitrogen removal from wastewater by combining anammox with partial denitrification. <i>Bioresource Technology</i> , 2015, 179, 497-504.	9.6	156
16	Long-term effect of pH on denitrification: High pH benefits achieving partial-denitrification. <i>Bioresource Technology</i> , 2019, 278, 444-449.	9.6	153
17	Nitrite production in a partial denitrifying upflow sludge bed (USB) reactor equipped with gas automatic circulation (GAC). <i>Water Research</i> , 2016, 90, 309-316.	11.3	141
18	Insight into the impacts of organics on anammox and their potential linking to system performance of sewage partial nitrification-anammox (PN/A): A critical review. <i>Bioresource Technology</i> , 2020, 300, 122655.	9.6	135

#	ARTICLE	IF	CITATIONS
19	Metagenomic analysis of anammox communities in three different microbial aggregates. <i>Environmental Microbiology</i> , 2016, 18, 2979-2993.	3.8	133
20	Performance of heterotrophic partial denitrification under feast-famine condition of electron donor: A case study using acetate as external carbon source. <i>Bioresource Technology</i> , 2013, 133, 263-269.	9.6	116
21	Achieving advanced nitrogen removal from low C/N wastewater by combining endogenous partial denitrification with anammox in mainstream treatment. <i>Bioresource Technology</i> , 2018, 270, 570-579.	9.6	115
22	A novel partial nitrification-synchronous anammox and endogenous partial denitrification (PN-SAEPD) process for advanced nitrogen removal from municipal wastewater at ambient temperatures. <i>Water Research</i> , 2020, 175, 115690.	11.3	105
23	Start up partial nitrification at low temperature with a real-time control strategy based on blower frequency and pH. <i>Bioresource Technology</i> , 2012, 112, 34-41.	9.6	98
24	The feasibility of using a two-stage autotrophic nitrogen removal process to treat sewage. <i>Bioresource Technology</i> , 2011, 102, 8331-8334.	9.6	97
25	Rapid Achievement of Nitrification Using Aerobic Starvation. <i>Environmental Science & Technology</i> , 2017, 51, 4001-4008.	10.0	91
26	Synergistic Partial-Denitrification, Anammox, and in-situ Fermentation (SPDAF) Process for Advanced Nitrogen Removal from Domestic and Nitrate-Containing Wastewater. <i>Environmental Science & Technology</i> , 2020, 54, 3702-3713.	10.0	91
27	Nitrification and denitrification of domestic wastewater using a continuous anaerobic/anoxic/aerobic (A2O) process at ambient temperatures. <i>Bioresource Technology</i> , 2010, 101, 8074-8082.	9.6	89
28	Highly enriched anammox within anoxic biofilms by reducing suspended sludge biomass in a real-sewage A2/O process. <i>Water Research</i> , 2021, 194, 116906.	11.3	89
29	Characteristics and removal of microplastics in rural domestic wastewater treatment facilities of China. <i>Science of the Total Environment</i> , 2020, 739, 139935.	8.0	85
30	Feasibility of partial-denitrification/ anammox for pharmaceutical wastewater treatment in a hybrid biofilm reactor. <i>Water Research</i> , 2022, 208, 117856.	11.3	85
31	A novel SNPR process for advanced nitrogen and phosphorus removal from mainstream wastewater based on anammox, endogenous partial-denitrification and denitrifying dephosphatation. <i>Water Research</i> , 2020, 170, 115363.	11.3	84
32	Cultivating aerobic granular sludge in a developed continuous-flow reactor with two-zone sedimentation tank treating real and low-strength wastewater. <i>Bioresource Technology</i> , 2018, 247, 776-783.	9.6	83
33	Recent advances in controlling denitrification for achieving denitrification/anammox in mainstream wastewater treatment plants. <i>Bioresource Technology</i> , 2020, 299, 122697.	9.6	83
34	Integrated anaerobic ammonium oxidization with partial denitrification process for advanced nitrogen removal from high-strength wastewater. <i>Bioresource Technology</i> , 2016, 221, 37-46.	9.6	80
35	Effective nitrogen removal in a granule-based partial-denitrification/anammox reactor treating low C/N sewage. <i>Bioresource Technology</i> , 2020, 297, 122467.	9.6	79
36	Effects of salinity build-up on the performance and microbial community of partial-denitrification granular sludge with high nitrite accumulation. <i>Chemosphere</i> , 2018, 209, 53-60.	8.2	77

#	ARTICLE	IF	CITATIONS
37	Rapid aerobic granulation in an SBR treating piggery wastewater by seeding sludge from a municipal WWTP. <i>Journal of Environmental Sciences</i> , 2017, 51, 332-341.	6.1	73
38	Achieving partial denitrification using carbon sources in domestic wastewater with waste-activated sludge as inoculum. <i>Bioresource Technology</i> , 2019, 283, 18-27.	9.6	72
39	Suspended sludge and biofilm shaped different anammox communities in two pilot-scale one-stage anammox reactors. <i>Bioresource Technology</i> , 2016, 211, 273-279.	9.6	62
40	High-efficient nitrogen removal from municipal wastewater via two-stage nitrification/anammox process: Long-term stability assessment and mechanism analysis. <i>Bioresource Technology</i> , 2019, 271, 150-158.	9.6	62
41	Enhanced nitrogen removal assisted by mainstream partial-anammox from real sewage in a continuous flow A2/O reactor. <i>Chemical Engineering Journal</i> , 2020, 400, 125893.	12.7	61
42	Organic substrate transformation and sludge characteristics in the integrated anaerobic anoxic oxic biological contact oxidation (A2/O-BCO) system treating wastewater with low carbon/nitrogen ratio. <i>Chemical Engineering Journal</i> , 2016, 283, 47-57.	12.7	60
43	Rapid enrichment of anammox bacteria linked to floc aggregates in a single-stage partial nitrification-anammox process: Providing the initial carrier and anaerobic microenvironment. <i>Water Research</i> , 2021, 191, 116807.	11.3	60
44	A novel partial-denitrification strategy for post-anammox to effectively remove nitrogen from landfill leachate. <i>Science of the Total Environment</i> , 2018, 633, 745-751.	8.0	59
45	Enhanced nutrient removal of simultaneous partial nitrification, denitrification and phosphorus removal (SPNDPR) in a single-stage anaerobic/micro-aerobic sequencing batch reactor for treating real sewage with low carbon/nitrogen. <i>Chemosphere</i> , 2020, 257, 127097.	8.2	59
46	Nitrite Accumulation during the Denitrification Process in SBR for the Treatment of Pre-treated Landfill Leachate. <i>Chinese Journal of Chemical Engineering</i> , 2009, 17, 1027-1031.	3.5	58
47	Characteristic of nitrous oxide production in partial denitrification process with high nitrite accumulation. <i>Bioresource Technology</i> , 2016, 203, 341-347.	9.6	58
48	Nitrogen removal from low COD/TIN real municipal sewage by coupling partial denitrification with anammox in mainstream. <i>Chemical Engineering Journal</i> , 2021, 410, 128221.	12.7	57
49	Rapid control of activated sludge bulking and simultaneous acceleration of aerobic granulation by adding intact aerobic granular sludge. <i>Science of the Total Environment</i> , 2019, 674, 105-113.	8.0	55
50	Improving Efficiency and Stability of Anammox through Sequentially Coupling Nitrification and Denitrification in a Single-Stage Bioreactor. <i>Environmental Science & Technology</i> , 2020, 54, 10859-10867.	10.0	55
51	NOB suppression in partial nitrification-anammox (PNA) process by discharging aged flocs: Performance and microbial community dynamics. <i>Chemosphere</i> , 2019, 227, 26-33.	8.2	49
52	In situ enrichment of anammox bacteria in anoxic biofilms are possible due to the stable and long-term accumulation of nitrite during denitrification. <i>Bioresource Technology</i> , 2020, 300, 122668.	9.6	49
53	Enhancing the digestion of waste activated sludge through nitrite addition: insight on mechanism through profiles of extracellular polymeric substances (EPS) and microbial communities. <i>Journal of Hazardous Materials</i> , 2019, 369, 164-170.	12.4	47
54	Application of intermittent aeration in nitrogen removal process: development, advantages and mechanisms. <i>Chemical Engineering Journal</i> , 2022, 430, 133184.	12.7	47

#	ARTICLE	IF	CITATIONS
55	Reducing carbon source consumption through a novel denitrification/anammox biofilter to remove nitrate from synthetic secondary effluent. <i>Bioresource Technology</i> , 2020, 309, 123377.	9.6	46
56	Dynamics of microbial activities and community structures in activated sludge under aerobic starvation. <i>Bioresource Technology</i> , 2017, 244, 588-596.	9.6	45
57	Pilot-scale evaluation of partial denitrification/anammox on nitrogen removal from low COD/N real sewage based on a modified process. <i>Bioresource Technology</i> , 2021, 338, 125580.	9.6	45
58	A continuous-flow combined process based on partial nitrification-Anammox and partial denitrification-Anammox (PN/AA+APD/A) for enhanced nitrogen removal from mature landfill leachate. <i>Bioresource Technology</i> , 2020, 297, 122483.	9.6	44
59	Rapid achieving partial nitrification in domestic wastewater: Controlling aeration time to selectively enrich ammonium oxidizing bacteria (AOB) after simultaneously eliminating AOB and nitrite oxidizing bacteria (NOB). <i>Bioresource Technology</i> , 2021, 328, 124810.	9.6	44
60	Low energy treatment of landfill leachate using simultaneous partial nitrification and partial denitrification with anaerobic ammonia oxidation. <i>Environment International</i> , 2019, 127, 452-461.	10.0	42
61	Optimizing sludge dewatering with a combined conditioner of Fenton's reagent and cationic surfactant. <i>Journal of Environmental Sciences</i> , 2020, 88, 21-30.	6.1	41
62	Nitrite accumulation in comammox-dominated nitrification-denitrification reactors: Effects of DO concentration and hydroxylamine addition. <i>Journal of Hazardous Materials</i> , 2020, 384, 121375.	12.4	41
63	Effect of adding alum sludge from water treatment plant on sewage sludge dewatering. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 746-752.	6.7	39
64	Successful granulation and microbial differentiation of activated sludge in anaerobic/anoxic/aerobic (A2O) reactor with two-zone sedimentation tank treating municipal sewage. <i>Water Research</i> , 2020, 178, 115825.	11.3	39
65	Strengthening the reactivity of FeO/(Fe/Cu) by premagnetization: Implications for nitrate reduction rate and selectivity. <i>Chemical Engineering Journal</i> , 2017, 330, 813-822.	12.7	38
66	Analysis of bacterial, fungal and archaeal populations from a municipal wastewater treatment plant developing an innovative aerobic granular sludge process. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 14.	3.6	36
67	Fate of dissolved organic nitrogen during the Anammox process using ultra-high resolution mass spectrometry. <i>Environment International</i> , 2019, 131, 105042.	10.0	36
68	Rapid aerobic sludge granulation in an integrated oxidation ditch with two-zone clarifiers. <i>Water Research</i> , 2020, 175, 115704.	11.3	36
69	Multiple roles of complex organics in polishing THP-AD filtrate with double-line anammox: Inhibitory relief and bacterial selection. <i>Water Research</i> , 2022, 216, 118373.	11.3	36
70	Stable partial nitrification of domestic sewage achieved through activated sludge on exposure to nitrite. <i>Bioresource Technology</i> , 2019, 278, 435-439.	9.6	35
71	Coupling of Fe-C and aerobic granular sludge to treat refractory wastewater from a membrane manufacturer in a pilot-scale system. <i>Water Research</i> , 2020, 186, 116331.	11.3	35
72	Aerobic sludge granulation in a Reverse Flow Baffled Reactor (RFBR) operated in continuous-flow mode for wastewater treatment. <i>Separation and Purification Technology</i> , 2015, 149, 437-444.	7.9	34

#	ARTICLE	IF	CITATIONS
73	Multiple electron acceptor-mediated sulfur autotrophic denitrification: Nitrogen source competition, long-term performance and microbial community evolution. <i>Bioresource Technology</i> , 2021, 329, 124918.	9.6	34
74	A novel partial denitrification, anammox-biological phosphorus removal, fermentation and partial nitrification (PDA-PFPN) process for real domestic wastewater and waste activated sludge treatment. <i>Water Research</i> , 2022, 217, 118376.	11.3	34
75	Nitrifying aerobic granular sludge fermentation for releases of carbon source and phosphorus: The role of fermentation pH. <i>Bioresource Technology</i> , 2018, 260, 30-37.	9.6	33
76	Successful establishment of partial denitrification by introducing hydrolytic acidification of slowly biodegradable organic matter. <i>Bioresource Technology</i> , 2020, 315, 123887.	9.6	33
77	Enrichment and retention of key functional bacteria of partial denitrification-Anammox (PD/A) process via cell immobilization: A novel strategy for fast PD/A application. <i>Bioresource Technology</i> , 2021, 326, 124744.	9.6	33
78	Treatment of recalcitrant organic silicone wastewater by fluidized-bed Fenton process. <i>Separation and Purification Technology</i> , 2014, 132, 16-22.	7.9	29
79	Roles of bacterial and epistylis populations in aerobic granular SBRs treating domestic and synthetic wastewaters. <i>Chemical Engineering Journal</i> , 2018, 351, 952-958.	12.7	29
80	Metagenomic prediction analysis of microbial aggregation in anammox-dominated community. <i>Water Environment Research</i> , 2021, 93, 2549-2558.	2.7	29
81	Accelerating Aerobic Sludge Granulation by Adding Dry Sewage Sludge Micropowder in Sequencing Batch Reactors. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 10056-10065.	2.6	28
82	Rapid start-up of an aerobic granular sludge system for nitrogen and phosphorus removal through seeding chitosan-based sludge aggregates. <i>Science of the Total Environment</i> , 2021, 762, 144171.	8.0	27
83	Role of adding dried sludge micropowder in aerobic granular sludge reactor with extended filamentous bacteria. <i>Bioresource Technology Reports</i> , 2019, 5, 51-58.	2.7	26
84	Achieving stable mainstream nitrogen and phosphorus removal assisted by hydroxylamine addition in a continuous partial nitrification/anammox process from real sewage. <i>Science of the Total Environment</i> , 2021, 794, 148478.	8.0	25
85	In-situ fermentation coupling with partial-denitrification/anammox process for enhanced nitrogen removal in an integrated three-stage anoxic/oxic (A/O) biofilm reactor treating low COD/N real wastewater. <i>Bioresource Technology</i> , 2022, 344, 126267.	9.6	25
86	Enhanced dewatering of activated sludge by acid assisted Heat-CaO ₂ treatment: Simultaneously removing heavy metals and mitigating antibiotic resistance genes. <i>Journal of Hazardous Materials</i> , 2021, 418, 126248.	12.4	24
87	Achieving partial nitrification, enhanced biological phosphorus removal and in-situ fermentation (PNPRF) in continuous-flow system and mechanism analysis at transcriptional level. <i>Chemical Engineering Journal</i> , 2022, 428, 131098.	12.7	24
88	An Innovative Process for Mature Landfill Leachate and Waste Activated Sludge Simultaneous Treatment Based on Partial Nitrification, In Situ Fermentation, and Anammox (PNFA). <i>Environmental Science & Technology</i> , 2022, 56, 1310-1320.	10.0	24
89	Aerobic granulation in a modified oxidation ditch with an adjustable volume intraclarifier. <i>Bioresource Technology</i> , 2014, 157, 351-354.	9.6	22
90	Insights into the occurrence, elimination efficiency and ecological risk of antibiotics in rural domestic wastewater treatment facilities along the Yangtze River Basin, China. <i>Science of the Total Environment</i> , 2022, 837, 155824.	8.0	22

#	ARTICLE	IF	CITATIONS
91	Modeling optimization and evaluation of tightly bound extracellular polymeric substances extraction by sonication. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8485-8494.	3.6	21
92	Microplastic Pollution in China, an Invisible Threat Exacerbated by Food Delivery Services. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 778-785.	2.7	20
93	Highly efficient and synchronous nitrogen removal from ammonia-rich wastewater and domestic wastewater via a novel anammox coupled with double-nitrite-shunt process at low temperature. <i>Chemical Engineering Journal</i> , 2021, 425, 131449.	12.7	20
94	Advanced nitrogen removal from landfill leachate via a two-stage combined process of partial nitrification-Anammox (PNA) and partial denitrification-Anammox (PDA). <i>Science of the Total Environment</i> , 2022, 810, 151186.	8.0	20
95	Effect of Sludge Retention Time on Nitrite Accumulation in Real-time Control Biological Nitrogen Removal Sequencing Batch Reactor. <i>Chinese Journal of Chemical Engineering</i> , 2011, 19, 512-517.	3.5	19
96	Achieving enhanced biological phosphorus removal utilizing waste activated sludge as sole carbon source and simultaneous sludge reduction in sequencing batch reactor. <i>Science of the Total Environment</i> , 2021, 799, 149291.	8.0	19
97	Identification of partial denitrification granulation enhanced by low C/N ratio in the aspect of metabolomics and quorum sensing. <i>Chemosphere</i> , 2022, 286, 131895.	8.2	19
98	Enhancing nitrogen removal from low carbon to nitrogen ratio wastewater by using a novel sequencing batch biofilm reactor. <i>Journal of Environmental Sciences</i> , 2016, 50, 32-37.	6.1	17
99	Adding waste iron shavings in reactor to develop aerobic granular sludge and enhance removal of nitrogen and phosphorus. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106620.	6.7	17
100	The nitrification recovery capacity is the key to enhancing nitrogen removal in the AOA system at low temperatures. <i>Science of the Total Environment</i> , 2022, 818, 151674.	8.0	17
101	Initial nitrite concentration promote nitrite-oxidizing bacteria activity recovery from transient anoxia: Experimental and modeling investigations. <i>Bioresource Technology</i> , 2019, 289, 121711.	9.6	16
102	Achieving nitrification by treating sludge with free nitrous acid: The effect of starvation. <i>Bioresource Technology</i> , 2019, 271, 159-165.	9.6	16
103	Improving aerobic sludge granulation in sequential batch reactor by natural drying: Effluent sludge recovery and feeding back into reactor. <i>Chemosphere</i> , 2020, 242, 125159.	8.2	15
104	Individual and combined effect of humic acid and fulvic acid on distinct anammox-based systems: Inhibition and resistance. <i>Chemical Engineering Journal</i> , 2022, 444, 136547.	12.7	15
105	Free nitrous acid pretreatment of sludge to achieve nitrification: The effect of sludge concentration. <i>Bioresource Technology</i> , 2019, 285, 121358.	9.6	13
106	Microbial community at transcription level in the synergy of GAOs and <i>Candidatus Accumulibacter</i> for saving carbon source in wastewater treatment. <i>Bioresource Technology</i> , 2020, 297, 122454.	9.6	13
107	Rapid granulation of aerobic sludge in a continuous-flow reactor with a two-zone sedimentation tank by the addition of dewatered sludge. <i>Journal of Water Process Engineering</i> , 2021, 41, 101941.	5.6	13
108	The combination of external conditioning and Ca ²⁺ addition prior to the reintroduction of effluent sludge into SBR sharply accelerates the formation of aerobic granules. <i>Journal of Water Process Engineering</i> , 2020, 36, 101269.	5.6	12

#	ARTICLE	IF	CITATIONS
109	Simultaneous anammox-denitrification process and its emerging extensions. <i>Chemical Engineering Journal</i> , 2021, 415, 128380.	12.7	10
110	Impact of starvation conditions on the nitrifying performance and sludge properties in SBR system with a limited filamentous bulking state. <i>Science of the Total Environment</i> , 2021, 797, 148997.	8.0	10
111	Structure Analysis of Aerobic Granule from a Sequencing Batch Reactor for Organic Matter and Ammonia Nitrogen Removal. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 2427-2436.	2.6	8
112	Molecular-level characterization of stratified extracellular polymeric substances of anammox sludge and its adsorption preference to refractory dissolved organic matter. <i>Energy</i> , 2020, 213, 118818.	8.8	8
113	Transcriptional responses of <i>Candidatus Accumulibacter</i> clades to environmental dynamics in enhanced biological phosphorus removal. <i>Bioresource Technology</i> , 2020, 306, 123108.	9.6	8
114	Biofilm phenotypes and internal community succession determines distinct growth of anammox bacteria in functional anammox biofilms. <i>Bioresource Technology</i> , 2022, 349, 126893.	9.6	8
115	Enhanced Nitrogen Removal from Domestic Wastewater by Partial-Denitrification/Anammox in an Anoxic/Oxic Biofilm Reactor. <i>Processes</i> , 2022, 10, 109.	2.8	7
116	A novel control strategy to strengthen nitrogen removal from domestic wastewater through eliminating nitrite oxidizing bacteria in a plug-flow process. <i>Bioresource Technology</i> , 2022, 350, 126856.	9.6	7
117	Centrifugal dewatering of blended sludge from drinking water treatment plant and wastewater treatment plant. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 421-430.	3.0	6
118	Analyzing the roles of cyclic dimeric guanosine monophosphate (c-di-GMP) on the formation of autotrophic granules and autotrophic biofilm in integrated fixed-film activated sludge (IFAS) reactor. <i>Environmental Technology and Innovation</i> , 2022, 26, 102304.	6.1	6
119	Mutual boost of granulation and enrichment of anammox bacteria in an anaerobic/oxic/anoxic system as the temperature decreases when treating municipal wastewater. <i>Bioresource Technology</i> , 2022, 357, 127336.	9.6	6
120	Molecular characterization of dissolved organic nitrogen during anoxic/oxic and anammox processes using ESI FT-ICR MS. <i>Water Environment Research</i> , 2021, 93, 2107-2121.	2.7	5
121	Simultaneous removal of ammonia nitrogen and sulfide by coupled anammox and sulfur autotrophic denitrification process from industrial wastewater. <i>Cleaner Engineering and Technology</i> , 2022, 8, 100469.	4.0	4
122	Advanced nitrogen and phosphorus removal from municipal wastewater via simultaneous enhanced biological phosphorus removal and semi-nitrification (EBPR-SN) combined with anammox. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2039-2052.	3.4	3
123	Copper Corrosion Products Catalyzed Reduction of <i>N</i> -Nitrosodimethylamine with Iron. <i>Environmental Science & Technology</i> , 2018, 52, 11735-11742.	10.0	2
124	A Bioreactor Designed for Restricting Oversize of Aerobic Granular Sludge. <i>Processes</i> , 2021, 9, 374.	2.8	2
125	Analysis of nitrite oxidation process and nitrification performance by nitrogen and oxygen isotope fractionation effect. <i>Science of the Total Environment</i> , 2022, 814, 152511.	8.0	1
126	Insight into the characteristics of microbial communities in a single-stage anammox reactor under different oxygen conditions. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 419-428.	2.4	1

#	ARTICLE	IF	CITATIONS
127	Segregation of effect between granules and flocs in PN/A system treating acrylic fiber wastewater: Performance and mechanism. <i>Chemosphere</i> , 2022, 304, 135344.	8.2	1