Guangxue Wu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8130002/publications.pdf

Version: 2024-02-01

147 papers	4,751 citations	87843 38 h-index	118793 62 g-index
148 all docs	148 docs citations	148 times ranked	4201 citing authors

#	Article	IF	Citations
1	Characteristics of water quality of municipal wastewater treatment plants in China: implications for resources utilization and management. Journal of Cleaner Production, 2016, 131, 1-9.	4.6	289
2	Clarifying electron transfer and metagenomic analysis of microbial community in the methane production process with the addition of ferroferric oxide. Chemical Engineering Journal, 2018, 333, 216-225.	6.6	273
3	Iron sulphides mediated autotrophic denitrification: An emerging bioprocess for nitrate pollution mitigation and sustainable wastewater treatment. Water Research, 2020, 179, 115914.	5.3	147
4	Advances in direct interspecies electron transfer and conductive materials: Electron flux, organic degradation and microbial interaction. Biotechnology Advances, 2019, 37, 107443.	6.0	120
5	Metagenomics-based interpretation of AHLs-mediated quorum sensing in Anammox biofilm reactors for low-strength wastewater treatment. Chemical Engineering Journal, 2018, 344, 42-52.	6.6	114
6	Recovery of nutrients and volatile fatty acids from pig manure hydrolysate using two-stage bipolar membrane electrodialysis. Chemical Engineering Journal, 2018, 334, 134-142.	6.6	109
7	Effects of thermo-chemical pre-treatment of grass silage on methane production by anaerobic digestion. Bioresource Technology, 2011, 102, 8748-8755.	4.8	108
8	Nutrient Recovery from Digestate of Anaerobic Digestion of Livestock Manure: a Review. Current Pollution Reports, 2018, 4, 74-83.	3.1	102
9	Impact of total solids content on anaerobic co-digestion of pig manure and food waste: Insights into shifting of the methanogenic pathway. Waste Management, 2020, 114, 96-106.	3.7	101
10	Nutrient recovery from pig manure digestate using electrodialysis reversal: Membrane fouling and feasibility of long-term operation. Journal of Membrane Science, 2019, 573, 560-569.	4.1	92
11	Enhancing electron transfer by ferroferric oxide during the anaerobic treatment of synthetic wastewater with mixed organic carbon. International Biodeterioration and Biodegradation, 2017, 119, 104-110.	1.9	87
12	Enhanced growth and fatty acid accumulation of microalgae Scenedesmus sp. LX1 by two types of auxin. Bioresource Technology, 2018, 247, 561-567.	4.8	86
13	Removal of pharmaceuticals and personal care products by ammonia oxidizing bacteria acclimated in a membrane bioreactor: Contributions of cometabolism and endogenous respiration. Science of the Total Environment, 2017, 605-606, 18-25.	3.9	79
14	Effect of bacterial communities on the formation of cast iron corrosion tubercles in reclaimed water. Water Research, 2015, 71, 207-218.	5.3	77
15	Ciprofloxacin degradation in UV/chlorine advanced oxidation process: Influencing factors, mechanisms and degradation pathways. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 371, 151-158.	2.0	76
16	Centralized water reuse system with multiple applications in urban areas: Lessons from Chinaâ€™s experience. Resources, Conservation and Recycling, 2017, 117, 125-136.	5.3	74
17	Autotrophic nitrogen removal in combined nitritation and Anammox systems through intermittent aeration and possible microbial interactions by quorum sensing analysis. Bioresource Technology, 2019, 272, 146-155.	4.8	74
18	Meteorological factors and water quality changes of Plateau Lake Dianchi in China (1990â€“2015) and their joint influences on cyanobacterial blooms. Science of the Total Environment, 2019, 665, 406-418.	3.9	72

#	Article	IF	Citations
19	Inactivation of pathogens in anaerobic digestion systems for converting biowastes to bioenergy: A review. Renewable and Sustainable Energy Reviews, 2020, 120, 109654.	8.2	72
20	Potential roles of acyl homoserine lactone based quorum sensing in sequencing batch nitrifying biofilm reactors with or without the addition of organic carbon. Bioresource Technology, 2018, 259, 136-145.	4.8	69
21	Enhanced azo dye Reactive Red 2 degradation in anaerobic reactors by dosing conductive material of ferroferric oxide. Journal of Hazardous Materials, 2018, 357, 226-234.	6.5	66
22	Enhanced microalgae growth through stimulated secretion of indole acetic acid by symbiotic bacteria. Algal Research, 2018, 33, 345-351.	2.4	65
23	Production of polyhydroxybutyrate by activated sludge performing enhanced biological phosphorus removal. Bioresource Technology, 2010, 101, 1049-1053.	4.8	60
24	Nitrogen removal, microbial community and electron transport in an integrated nitrification and denitrification system for ammonium-rich wastewater treatment. International Biodeterioration and Biodegradation, 2018, 133, 202-209.	1.9	58
25	Start up of partial nitritation-anammox process using intermittently aerated sequencing batch reactor: Performance and microbial community dynamics. Science of the Total Environment, 2019, 647, 1188-1198.	3.9	58
26	Technical, economic and environmental assessment of coagulation/filtration tertiary treatment processes in full-scale wastewater treatment plants. Journal of Cleaner Production, 2018, 170, 1185-1194.	4.6	56
27	Inhibition mitigation and ecological mechanism of mesophilic methanogenesis triggered by supplement of ferroferric oxide in sulfate-containing systems. Bioresource Technology, 2019, 288, 121546.	4.8	56
28	Towards the new era of wastewater treatment of China: Development history, current status, and future directions. Water Cycle, 2020, 1, 80-87.	2.1	56
29	Methane production from anaerobic co-digestion of the separated solid fraction of pig manure with dried grass silage. Bioresource Technology, 2012, 104, 289-297.	4.8	55
30	Inhibition mitigation of methanogenesis processes by conductive materials: A critical review. Bioresource Technology, 2020, 317, 123977.	4.8	55
31	Partial nitrification and nutrient removal in intermittently aerated sequencing batch reactors treating separated digestate liquid after anaerobic digestion of pig manure. Bioprocess and Biosystems Engineering, 2011, 34, 1049-1056.	1.7	52
32	Enhanced system performance by dosing ferroferric oxide during the anaerobic treatment of tryptone-based high-strength wastewater. Applied Microbiology and Biotechnology, 2017, 101, 3929-3939.	1.7	51
33	Effect of salinity on the activity, settling and microbial community of activated sludge in sequencing batch reactors treating synthetic saline wastewater. Water Science and Technology, 2008, 58, 351-358.	1.2	50
34	Effect of extracellular polymeric substances on corrosion of cast iron in the reclaimed wastewater. Bioresource Technology, 2014, 165, 162-165.	4.8	50
35	Effects of Sludge Retention Times on Nutrient Removal and Nitrous Oxide Emission in Biological Nutrient Removal Processes. International Journal of Environmental Research and Public Health, 2014, 11, 3553-3569.	1.2	47
36	Effect of the solid content on anaerobic digestion of meat and bone meal. Bioresource Technology, 2009, 100, 4326-4331.	4.8	46

#	Article	IF	Citations
37	Treatment of river water by a hybrid coagulation and ceramic membrane process. Desalination, 2011, 280, 114-119.	4.0	43
38	Attached microalgae cultivation and nutrients removal in a novel capillary-driven photo-biofilm reactor. Algal Research, 2017, 27, 198-205.	2.4	41
39	Potential interactions between syntrophic bacteria and methanogens via type IV pili and quorum-sensing systems. Environment International, 2020, 138, 105650.	4.8	41
40	Denitrification and biofilm growth in a pilot-scale biofilter packed with suspended carriers for biological nitrogen removal from secondary effluent. Journal of Environmental Sciences, 2015, 32, 35-41.	3.2	40
41	Determination of quorum-sensing signal substances in water and solid phases of activated sludge systems using liquid chromatographyâ€“mass spectrometry. Journal of Environmental Sciences, 2018, 69, 85-94.	3.2	40
42	Effects of carbon source on methanogenic activities and pathways incorporating metagenomic analysis of microbial community. Bioresource Technology, 2017, 244, 982-988.	4.8	39
43	Operational pattern affects nitritation, microbial community and quorum sensing in nitrifying wastewater treatment systems. Science of the Total Environment, 2019, 677, 456-465.	3.9	38
44	Metagenomic and bioanalytical insights into quorum sensing of methanogens in anaerobic digestion systems with or without the addition of conductive filter. Science of the Total Environment, 2021, 763, 144509.	3.9	37
45	Successful startup of one-stage partial nitritation and anammox system through cascade oxygen supply and potential ecological network analysis. Science of the Total Environment, 2019, 696, 134065.	3.9	36
46	Water Eco-Nexus Cycle System (WaterEcoNet) as a key solution for water shortage and water environment problems in urban areas. Water Cycle, 2020, 1, 71-77.	2.1	36
47	Greenhouse gas emissions from municipal wastewater treatment facilities in China from 2006 to 2019. Scientific Data, 2022, 9, .	2.4	36
48	System performance and microbial community in ethanol-fed anaerobic reactors acclimated with different organic carbon to sulfate ratios. Bioresource Technology, 2019, 278, 34-42.	4.8	35
49	Enhanced biological nitrogen removal and N2O emission characteristics of the intermittent aeration activated sludge process. Reviews in Environmental Science and Biotechnology, 2017, 16, 761-780.	3.9	34
50	The r/K selection theory and its application in biological wastewater treatment processes. Science of the Total Environment, 2022, 824, 153836.	3.9	34
51	Hydrolysis and acidification of grass silage in leaching bed reactors. Bioresource Technology, 2012, 114, 406-413.	4.8	32
52	Characterization of heavy metal desorption from road-deposited sediment under acid rain scenarios. Journal of Environmental Sciences, 2017, 51, 284-293.	3.2	31
53	Microbial interactions regulated by the dosage of ferroferric oxide in the co-metabolism of organic carbon and sulfate. Bioresource Technology, 2020, 296, 122317.	4.8	31
54	Metagenomic analysis of quorum sensing systems in activated sludge and membrane biofilm of a full-scale membrane bioreactor. Journal of Water Process Engineering, 2019, 32, 100952.	2.6	29

#	Article	IF	Citations
55	Microbial physiology and interactions in anammox systems with the intermittent addition of organic carbons. Bioresource Technology, 2021, 319, 124226.	4.8	29
56	Review of characteristics of anammox bacteria and strategies for anammox start-up for sustainable wastewater resource management. Water Science and Technology, 2020, 82, 1742-1757.	1.2	26
57	Tertiary Denitrification of the Secondary Effluent by Denitrifying Biofilters Packed with Different Sizes of Quartz Sand. Water (Switzerland), 2014, 6, 1300-1311.	1.2	25
58	Sustainability evaluation and implication of a large scale membrane bioreactor plant. Bioresource Technology, 2018, 269, 246-254.	4.8	25
59	Nitritation and N2O Emission in a Denitrification and Nitrification Two-Sludge System Treating High Ammonium Containing Wastewater. Water (Switzerland), 2014, 6, 2978-2992.	1.2	24
60	Microbial niche nexus sustaining biological wastewater treatment. Npj Clean Water, 2020, 3, .	3.1	24
61	Effect of organic carbons on microbial activity and structure in denitrifying systems acclimated to nitrite as the electron acceptor. International Biodeterioration and Biodegradation, 2017, 118, 66-72.	1.9	23
62	Nitrogen removal and nitrous oxide emission from a step-feeding multiple anoxic and aerobic process. Environmental Technology (United Kingdom), 2018, 39, 814-823.	1.2	23
63	Characteristics of nitrous oxide (N2O) emission from intermittently aerated sequencing batch reactors (IASBRs) treating slaughterhouse wastewater at low temperature. Biochemical Engineering Journal, 2014, 86, 62-68.	1.8	22
64	Autotrophic nitrogen removal and potential microbial interactions in anammox systems with different ammonia and organic carbon concentrations. Journal of Water Process Engineering, 2020, 37, 101493.	2.6	22
65	Comparison of algal bloom related meteorological and water quality factors and algal bloom conditions among Lakes Taihu, Chaohu, and Dianchi (1981-2015). Hupo Kexue/Journal of Lake Sciences, 2018, 30, 897-906.	0.3	22
66	Thermodynamic analysis of direct interspecies electron transfer in syntrophic methanogenesis based on the optimized energy distribution. Bioresource Technology, 2020, 297, 122345.	4.8	21
67	Enhanced Scenedesmus sp. growth in response to gibberellin secretion by symbiotic bacteria. Science of the Total Environment, 2020, 740, 140099.	3.9	21
68	Coupled effects of ferroferric oxide supplement and ethanol co-metabolism on the methanogenic oxidation of propionate. Science of the Total Environment, 2020, 723, 137992.	3.9	21
69	Ferroferric Oxide Significantly Affected Production of Soluble Microbial Products and Extracellular Polymeric Substances in Anaerobic Methanogenesis Reactors. Frontiers in Microbiology, 2018, 9, 2376.	1.5	20
70	Synergistic ammonia and nitrate removal in a novel pyrite-driven autotrophic denitrification biofilter. Bioresource Technology, 2022, 355, 127223.	4.8	20
71	Nitrifiers activity and community characteristics under stress conditions in partial nitrification systems treating ammonium-rich wastewater. Journal of Environmental Sciences, 2018, 73, 1-8.	3.2	19
72	Effect of organic carbon on the production of biofuel nitrous oxide during the denitrification process. International Journal of Environmental Science and Technology, 2018, 15, 461-470.	1.8	19

#	Article	IF	Citations
73	Impacts of environmental factors on microbial diversity, distribution patterns and syntrophic correlation in anaerobic processes. Archives of Microbiology, 2019, 201, 603-614.	1.0	19
74	Aerobic N 2 O emission for activated sludge acclimated under different aeration rates in the multiple anoxic and aerobic process. Journal of Environmental Sciences, 2016, 43, 70-79.	3.2	18
75	Color and nitrogen removal from synthetic dye wastewater in an integrated mesophilic hydrolysis/acidification and multiple anoxic/aerobic process. Chemosphere, 2018, 212, 881-889.	4.2	18
76	Anaerobic biotransformation of roxarsone regulated by sulfate: Degradation, arsenic accumulation and volatilization. Environmental Pollution, 2020, 267, 115602.	3.7	18
77	New insights into the r/K selection theory achieved in methanogenic systems through continuous-flow and sequencing batch operational modes. Science of the Total Environment, 2022, 807, 150732.	3.9	18
78	Using straw hydrolysate to cultivate Chlorella pyrenoidosa for high-value biomass production and the nitrogen regulation for biomass composition. Bioresource Technology, 2017, 244, 1254-1260.	4.8	17
79	Denitrification performance and microbial community under salinity and MIT stresses for reverse osmosis concentrate treatment. Separation and Purification Technology, 2020, 242, 116799.	3.9	17
80	Mixed cultivation as an effective approach to enhance microalgal biomass and triacylglycerol production in domestic secondary effluent. Chemical Engineering Journal, 2017, 328, 665-672.	6.6	16
81	New insights into the effect of ethanol and volatile fatty acids proportions on methanogenic activities and pathways. Environmental Research, 2021, 194, 110644.	3.7	16
82	Distributions and activities of ammonia oxidizing bacteria and polyphosphate accumulating organisms in a pumped-flow biofilm reactor. Water Research, 2009, 43, 4599-4609.	5.3	15
83	Inhibitory effect of copper on enhanced biological phosphorus removal. Water Science and Technology, 2010, 62, 1464-1470.	1.2	15
84	Start-up of anammox systems with different feeding patterns: System performance, microbial community and potential microbial interactions. Journal of Water Process Engineering, 2021, 39, 101694.	2.6	15
85	Enhanced nitrogen removal and minimization of N2O emission in a constant-flow multiple anoxic and aerobic process. Journal of Water Process Engineering, 2018, 26, 336-341.	2.6	14
86	Metagenomic analysis reveals the methanogenic, ATP, and potassium-transport metabolisms of anaerobic systems with different ammonia concentrations. Science of the Total Environment, 2021, 782, 146911.	3.9	14
87	Effect of ammonium on nitrous oxide emission during denitrification with different electron donors. Journal of Environmental Sciences, 2013, 25, 1131-1138.	3.2	13
88	N2O emission from a sequencing batch reactor for biological N and P removal from wastewater. Frontiers of Environmental Science and Engineering, 2014, 8, 776-783.	3.3	13
89	Dry co-digestion of sewage sludge and rice straw under mesophilic and thermophilic anaerobic conditions. Environmental Science and Pollution Research, 2015, 22, 20143-20153.	2.7	12
90	Effect of the dosage of ferroferric oxide on batch anaerobic treatment of high strength synthetic wastewater. , 0, 92, 152-158.		12

#	Article	IF	Citations
91	SRT contributes significantly to sludge reduction in the OSA-based activated sludge process. Environmental Technology (United Kingdom), 2017, 38, 305-315.	1.2	11
92	New insights into the effect of direct interspecies electron transfer on syntrophic methanogenesis through thermodynamic analysis. Bioresource Technology Reports, 2019, 7, 100225.	1.5	11
93	Metagenomic analysis of facilitation mechanism for azo dye reactive red 2 degradation with the dosage of ferroferric oxide. Journal of Water Process Engineering, 2021, 41, 102010.	2.6	11
94	Environmental impact of the effluents discharging from full-scale wastewater treatment plants evaluated by a hybrid fuzzy approach. Science of the Total Environment, 2021, 790, 148212.	3.9	11
95	Nitrification in sequencing batch reactors with and without glucose addition at 11Â°C. Biochemical Engineering Journal, 2008, 40, 373-378.	1.8	10
96	Enhanced anaerobic degradation of amide pharmaceuticals by dosing ferroferric oxide or anthraquinone-2, 6-disulfonate. Journal of Water Process Engineering, 2017, 18, 192-197.	2.6	10
97	Efficient nitrous oxide production and metagenomics-based analysis of microbial communities in denitrifying systems acclimated with different electron acceptors. International Biodeterioration and Biodegradation, 2019, 138, 92-98.	1.9	10
98	Microbial Interactions in Pollution Control Ecosystems. Current Pollution Reports, 2021, 7, 104-114.	3.1	10
99	Effect of ions on carbon steel corrosion in cooling systems with reclaimed wastewater as the alternative makeup water. Desalination and Water Treatment, 2014, 52, 7565-7574.	1.0	9
100	Quantification of nitrous oxide (N2O) emissions and soluble microbial product (SMP) production by a modified AOB-NOB-N2O-SMP model. Bioresource Technology, 2017, 227, 227-238.	4.8	9
101	Greenhouse Gas Emission and Mitigation in Municipal Wastewater Treatment Plants. Water Intelligence Online, 2017, 16, 9781780406312.	0.3	9
102	Arsenic volatilization in roxarsone-loaded digester: Insight into the main factors and arsM genes. Science of the Total Environment, 2020, 711, 135123.	3.9	9
103	Microbial community associated with glucose-induced enhanced biological phosphorus removal. Water Science and Technology, 2009, 60, 2105-2113.	1.2	8
104	Soft X-ray emissions from neon gas-puff Z-pinch powered by Qiang Guang-I accelerator. Laser and Particle Beams, 2009, 27, 569-577.	0.4	8
105	Effect of heterotrophic activities on nitrous oxide emission during nitrification under different aeration rates. Desalination and Water Treatment, 2015, 55, 821-827.	1.0	8
106	Performance of Denitrifying Phosphate Removal via Nitrite from Slaughterhouse Wastewater Treatment at Low Temperature. Water (Switzerland), 2017, 9, 818.	1.2	8
107	Enhanced Adsorption of Zn(II) onto Graphene Oxides Investigated Using Batch and Modeling Techniques. Nanomaterials, 2018, 8, 806.	1.9	8
108	Effect of anoxic to aerobic duration ratios on nitrogen removal and nitrous oxide emission in the multiple anoxic/aerobic process. Environmental Technology (United Kingdom), 2019, 40, 1676-1685.	1.2	8

#	Article	IF	Citations
109	Tertiary denitrification of the secondary effluent in biofilters packed with composite carriers under different carbon to nitrogen ratios. Environmental Engineering Research, 2016, 21, 311-317.	1.5	8
110	Nitrogen removal, nitrous oxide emission and microbial community in sequencing batch and continuous-flow intermittent aeration processes. Environmental Engineering Research, 2019, 24, 107-116.	1.5	8
111	Solids Retention Times Shift Methanogenic Ethanol Oxidation: Novel Insights into Metabolic Pathways, Microbial Community Dynamics, and Energy Metabolisms. ACS Sustainable Chemistry and Engineering, 2021, 9, 15861-15874.	3.2	8
112	Thermochemical pretreatment of meat and bone meal and its effect on methane production. Frontiers of Environmental Science and Engineering in China, 2009, 3, 300-306.	0.8	7
113	Dynamics and function of intracellular carbohydrate in activated sludge performing enhanced biological phosphorus removal. Biochemical Engineering Journal, 2010, 49, 271-276.	1.8	7
114	Denitrifying kinetics and nitrous oxide emission under different copper concentrations. Water Science and Technology, 2014, 69, 746-754.	1.2	7
115	Enhanced biomass production and fatty acid accumulation in Scenedesmus sp. LX1 treated with 6-benzylaminopurine. Algal Research, 2019, 44, 101714.	2.4	7
116	Nitrogen Removal and N2O Emission During Low Carbon Wastewater Treatment Using the Multiple A/O Process. Water, Air, and Soil Pollution, 2017, 228, 1.	1.1	7
117	Distribution of extracellular amino acids and their potential functions in microbial cross-feeding in anaerobic digestion systems. Bioresource Technology, 2022, 360, 127535.	4.8	7
118	Influence of arsanilic acid, Cu2+, PO4 3â€“ and their interaction on anaerobic digestion of pig manure. Frontiers of Environmental Science and Engineering, 2018, 12, 1.	3.3	6
119	Temporary addition of carbon fibers facilitates methanogenic degradation of ethanol during anaerobic treatment. Science of the Total Environment, 2021, 765, 142724.	3.9	6
120	Dynamics of Intracellular Polymers in Enhanced Biological Phosphorus Removal Processes under Different Organic Carbon Concentrations. BioMed Research International, 2013, 2013, 1-8.	0.9	5
121	Endogenous Nitrous Oxide Emission for Denitrifiers Acclimated with Different Organic Carbons. Procedia Environmental Sciences, 2014, 21, 26-32.	1.3	5
122	Characteristics of Biological Nitrogen Removal in a Multiple Anoxic and Aerobic Biological Nutrient Removal Process. BioMed Research International, 2015, 2015, 1-8.	0.9	5
123	Enhanced shortcut nitrogen removal and metagenomic analysis of functional microbial communities in a double sludge system treating ammonium-rich wastewater. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	5
124	Potential microbial functions and quorum sensing systems in partial nitritation and anammox processes. Water Environment Research, 2021, 93, 1562-1575.	1.3	5
125	Nitrogen and Phosphorus Removal from Domestic Strength Synthetic Wastewater Using an Alternating Pumped Flow Sequencing Batch Biofilm Reactor. Journal of Environmental Quality, 2008, 37, 977-982.	1.0	4
126	Removal of nitrogen and phosphorus from the secondary effluent in tertiary denitrifying biofilters combined with micro-coagulation. Water Science and Technology, 2016, 73, 2754-2760.	1.2	4

#	Article	IF	Citations
127	Microbial communities and interactions in full-scale A2/O and MBR wastewater treatment plants. Journal of Water Process Engineering, 2022, 46, 102660.	2.6	4
128	Slow growers possess a high pollutant removal potential through granule formation for wastewater treatment. Water Cycle, 2020, 1, 63-69.	2.1	3
129	Deciphering acyl-homoserine lactones-mediated quorum sensing on geotextile bio-clogging in municipal solid waste and bottom ash co-disposal landfills. Waste Management, 2021, 124, 136-143.	3.7	3
130	Stimulatory effects of biochar addition on dry anaerobic co-digestion of pig manure and food waste under mesophilic conditions. Environmental Science and Pollution Research, 2022, 29, 19212-19223.	2.7	3
131	Sub-picosecond pulse radiolysis project at NERL, University of Tokyo. , 1999, , .		2
132	Investigation of microbial safety of a full-scale ozonation and biological activated carbon process under high humidity and temperature conditions. Water Science and Technology, 2011, 64, 2293-2298.	1.2	2
133	Effect of membrane properties on the performance of a hybrid GAC and ultrafiltration process for water treatment. Environmental Technology (United Kingdom), 2012, 33, 1353-1359.	1.2	2
134	Technical Performance and Environmental Effects of the Treated Effluent of Wastewater Treatment Plants in the Shenzhen Bay Catchment, China. Sustainability, 2016, 8, 984.	1.6	2
135	Comprehensive assessment of system performance in a full-scale wastewater treatment plant with an anaerobic/anoxic/aerobic membrane bioreactor combined with the ozonation process. Water Science and Technology, 2018, 78, 690-698.	1.2	2
136	Nitrous oxide emission depending on the type of electron acceptor by a denitrifying phosphorus removal sludge. Global Nest Journal, 2016, 18, 251-258.	0.3	2
137	Nutrient removal, microbial community and sludge settlement in anaerobic/aerobic sequencing batch reactors without enhanced biological phosphorus removal. Water Science and Technology, 2010, 61, 2433-2441.	1.2	1
138	Sustainability analysis of large-scale membrane bioreactor plant. , 2020, , 1-20.		1
139	NITROUS OXIDE EMISSION DURING NITRIFICATION OF INFLUENTS WITH DIFFERENT AMMONIUM CONCENTRATIONS. Environmental Engineering and Management Journal, 2016, 15, 19-25.	0.2	1
140	Strategies for sustainable wastewater treatment based on energy recovery and emerging compounds control: a mini-review. , 0, 127, 26-31.		1
141	Ammonium Removal and Potential Microbial Interactions under Oxygen-Limited Conditions. Journal of Environmental Engineering, ASCE, 2022, 148, .	0.7	1
142	Insights into the Effect of Sludge Retention Times on System Performance, Microbial Structure and Quorum Sensing in an Activated Sludge Bioreactor. Water, Air, and Soil Pollution, 2022, 233, .	1.1	1
143	Analysis of the microbial community in sequencing batch reactors treating saline wastewater using molecular fingerprinting techniques. Journal of Biotechnology, 2008, 136, S635.	1.9	0
144	Effect of Organic Carbon on Tertiary Denitrification of the Secondary Effluent in Biofilters Packed with Suspended Carriers. Journal of Water Chemistry and Technology, 2018, 40, 77-85.	0.2	0

#	Article	IF	Citations
145	CHARACTERISTICS OF NUTRIENT REMOVAL FROM SYNTHETIC WASTEWATER WITH DIFFERENT ORGANIC SUBSTRATES. Environmental Engineering and Management Journal, 2011, 10, 649-654.	0.2	0
146	Effect of aeration rates on the performance of an OSA-based sludge reduction process: limitations and implications. , 0, 76, 166-173.		0
147	Revealing Function of Amino Acids in Nitrifying and Anammox Systems Through Chromatography and Metagenomic Analyses. , 2020, , 303-318.		0