

Guangxue Wu

List of Publications by Year in descending order

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147
papers

4,751
citations

87843

38
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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulatory effects of biochar addition on dry anaerobic co-digestion of pig manure and food waste under mesophilic conditions. <i>Environmental Science and Pollution Research</i> , 2022, 29, 19212-19223.	2.7	3
2	New insights into the r/K selection theory achieved in methanogenic systems through continuous-flow and sequencing batch operational modes. <i>Science of the Total Environment</i> , 2022, 807, 150732.	3.9	18
3	Ammonium Removal and Potential Microbial Interactions under Oxygen-Limited Conditions. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	1
4	Microbial communities and interactions in full-scale A2/O and MBR wastewater treatment plants. <i>Journal of Water Process Engineering</i> , 2022, 46, 102660.	2.6	4
5	The r/K selection theory and its application in biological wastewater treatment processes. <i>Science of the Total Environment</i> , 2022, 824, 153836.	3.9	34
6	Synergistic ammonia and nitrate removal in a novel pyrite-driven autotrophic denitrification biofilter. <i>Bioresource Technology</i> , 2022, 355, 127223.	4.8	20
7	Insights into the Effect of Sludge Retention Times on System Performance, Microbial Structure and Quorum Sensing in an Activated Sludge Bioreactor. <i>Water, Air, and Soil Pollution</i> , 2022, 233, .	1.1	1
8	Greenhouse gas emissions from municipal wastewater treatment facilities in China from 2006 to 2019. <i>Scientific Data</i> , 2022, 9, .	2.4	36
9	Distribution of extracellular amino acids and their potential functions in microbial cross-feeding in anaerobic digestion systems. <i>Bioresource Technology</i> , 2022, 360, 127535.	4.8	7
10	Microbial physiology and interactions in anammox systems with the intermittent addition of organic carbons. <i>Bioresource Technology</i> , 2021, 319, 124226.	4.8	29
11	Start-up of anammox systems with different feeding patterns: System performance, microbial community and potential microbial interactions. <i>Journal of Water Process Engineering</i> , 2021, 39, 101694.	2.6	15
12	Temporary addition of carbon fibers facilitates methanogenic degradation of ethanol during anaerobic treatment. <i>Science of the Total Environment</i> , 2021, 765, 142724.	3.9	6
13	Potential microbial functions and quorum sensing systems in partial nitrification and anammox processes. <i>Water Environment Research</i> , 2021, 93, 1562-1575.	1.3	5
14	Microbial Interactions in Pollution Control Ecosystems. <i>Current Pollution Reports</i> , 2021, 7, 104-114.	3.1	10
15	New insights into the effect of ethanol and volatile fatty acids proportions on methanogenic activities and pathways. <i>Environmental Research</i> , 2021, 194, 110644.	3.7	16
16	Metagenomic and bioanalytical insights into quorum sensing of methanogens in anaerobic digestion systems with or without the addition of conductive filter. <i>Science of the Total Environment</i> , 2021, 763, 144509.	3.9	37
17	Deciphering acyl-homoserine lactones-mediated quorum sensing on geotextile bio-clogging in municipal solid waste and bottom ash co-disposal landfills. <i>Waste Management</i> , 2021, 124, 136-143.	3.7	3
18	Metagenomic analysis of facilitation mechanism for azo dye reactive red 2 degradation with the dosage of ferrous oxide. <i>Journal of Water Process Engineering</i> , 2021, 41, 102010.	2.6	11

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19	Metagenomic analysis reveals the methanogenic, ATP, and potassium-transport metabolisms of anaerobic systems with different ammonia concentrations. <i>Science of the Total Environment</i> , 2021, 782, 146911.	3.9	14
20	Environmental impact of the effluents discharging from full-scale wastewater treatment plants evaluated by a hybrid fuzzy approach. <i>Science of the Total Environment</i> , 2021, 790, 148212.	3.9	11
21	Solids Retention Times Shift Methanogenic Ethanol Oxidation: Novel Insights into Metabolic Pathways, Microbial Community Dynamics, and Energy Metabolisms. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15861-15874.	3.2	8
22	Enhanced shortcut nitrogen removal and metagenomic analysis of functional microbial communities in a double sludge system treating ammonium-rich wastewater. <i>Environmental Technology (United Kingdom)</i> , 2021, 42(10), 1071-1081.	3.1	10
23	Thermodynamic analysis of direct interspecies electron transfer in syntrophic methanogenesis based on the optimized energy distribution. <i>Bioresource Technology</i> , 2020, 297, 122345.	4.8	21
24	Microbial interactions regulated by the dosage of ferrous iron in the co-metabolism of organic carbon and sulfate. <i>Bioresource Technology</i> , 2020, 296, 122317.	4.8	31
25	Arsenic volatilization in roxarsone-loaded digester: Insight into the main factors and arsM genes. <i>Science of the Total Environment</i> , 2020, 711, 135123.	3.9	9
26	Inactivation of pathogens in anaerobic digestion systems for converting biowastes to bioenergy: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 120, 109654.	8.2	72
27	Autotrophic nitrogen removal and potential microbial interactions in anammox systems with different ammonia and organic carbon concentrations. <i>Journal of Water Process Engineering</i> , 2020, 37, 101493.	2.6	22
28	Impact of total solids content on anaerobic co-digestion of pig manure and food waste: Insights into shifting of the methanogenic pathway. <i>Waste Management</i> , 2020, 114, 96-106.	3.7	101
29	Microbial niche nexus sustaining biological wastewater treatment. <i>Npj Clean Water</i> , 2020, 3, .	3.1	24
30	Towards the new era of wastewater treatment of China: Development history, current status, and future directions. <i>Water Cycle</i> , 2020, 1, 80-87.	2.1	56
31	Review of characteristics of anammox bacteria and strategies for anammox start-up for sustainable wastewater resource management. <i>Water Science and Technology</i> , 2020, 82, 1742-1757.	1.2	26
32	Anaerobic biotransformation of roxarsone regulated by sulfate: Degradation, arsenic accumulation and volatilization. <i>Environmental Pollution</i> , 2020, 267, 115602.	3.7	18
33	Inhibition mitigation of methanogenesis processes by conductive materials: A critical review. <i>Bioresource Technology</i> , 2020, 317, 123977.	4.8	55
34	Slow growers possess a high pollutant removal potential through granule formation for wastewater treatment. <i>Water Cycle</i> , 2020, 1, 63-69.	2.1	3
35	Enhanced <i>Scenedesmus</i> sp. growth in response to gibberellin secretion by symbiotic bacteria. <i>Science of the Total Environment</i> , 2020, 740, 140099.	3.9	21
36	Potential interactions between syntrophic bacteria and methanogens via type IV pili and quorum-sensing systems. <i>Environment International</i> , 2020, 138, 105650.	4.8	41

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37	Sustainability analysis of large-scale membrane bioreactor plant. , 2020, , 1-20.		1
38	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
39	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
40	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
41	Iron sulphides mediated autotrophic denitrification: An emerging bioprocess for nitrate pollution mitigation and sustainable wastewater treatment. Water Research, 2020, 179, 115914.	5.3	147
42	Revealing Function of Amino Acids in Nitrifying and Anammox Systems Through Chromatography and Metagenomic Analyses. , 2020, , 303-318.		0
43	Start up of partial nitrification-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
44	Enhanced biomass production and fatty acid accumulation in Scenedesmus sp. LX1 treated with 6-benzylaminopurine. Algal Research, 2019, 44, 101714.	2.4	7
45	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
46	Successful startup of one-stage partial nitrification and anammox system through cascade oxygen supply and potential ecological network analysis. Science of the Total Environment, 2019, 696, 134065.	3.9	36
47	Advances in direct interspecies electron transfer and conductive materials: Electron flux, organic degradation and microbial interaction. Biotechnology Advances, 2019, 37, 107443.	6.0	120
48	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
49	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
50	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
51	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
52	Operational pattern affects nitrification, microbial community and quorum sensing in nitrifying wastewater treatment systems. Science of the Total Environment, 2019, 677, 456-465.	3.9	38
53	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
54	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

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55	Nutrient recovery from pig manure digestate using electro dialysis reversal: Membrane fouling and feasibility of long-term operation. <i>Journal of Membrane Science</i> , 2019, 573, 560-569.	4.1	92
56	Ciprofloxacin degradation in UV/chlorine advanced oxidation process: Influencing factors, mechanisms and degradation pathways. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 151-158.	2.0	76
57	Autotrophic nitrogen removal in combined nitrification and Anammox systems through intermittent aeration and possible microbial interactions by quorum sensing analysis. <i>Bioresource Technology</i> , 2019, 272, 146-155.	4.8	74
58	Effect of anoxic to aerobic duration ratios on nitrogen removal and nitrous oxide emission in the multiple anoxic/aerobic process. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 1676-1685.	1.2	8
59	Nitrogen removal, nitrous oxide emission and microbial community in sequencing batch and continuous-flow intermittent aeration processes. <i>Environmental Engineering Research</i> , 2019, 24, 107-116.	1.5	8
60	Nutrient Recovery from Digestate of Anaerobic Digestion of Livestock Manure: a Review. <i>Current Pollution Reports</i> , 2018, 4, 74-83.	3.1	102
61	Nitrifiers activity and community characteristics under stress conditions in partial nitrification systems treating ammonium-rich wastewater. <i>Journal of Environmental Sciences</i> , 2018, 73, 1-8.	3.2	19
62	Potential roles of acyl homoserine lactone based quorum sensing in sequencing batch nitrifying biofilm reactors with or without the addition of organic carbon. <i>Bioresource Technology</i> , 2018, 259, 136-145.	4.8	69
63	Metagenomics-based interpretation of AHLs-mediated quorum sensing in Anammox biofilm reactors for low-strength wastewater treatment. <i>Chemical Engineering Journal</i> , 2018, 344, 42-52.	6.6	114
64	Determination of quorum-sensing signal substances in water and solid phases of activated sludge systems using liquid chromatography-mass spectrometry. <i>Journal of Environmental Sciences</i> , 2018, 69, 85-94.	3.2	40
65	Nitrogen removal and nitrous oxide emission from a step-feeding multiple anoxic and aerobic process. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 814-823.	1.2	23
66	Effect of organic carbon on the production of biofuel nitrous oxide during the denitrification process. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 461-470.	1.8	19
67	Clarifying electron transfer and metagenomic analysis of microbial community in the methane production process with the addition of ferrous oxide. <i>Chemical Engineering Journal</i> , 2018, 333, 216-225.	6.6	273
68	Influence of arsenic acid, Cu ²⁺ , PO ₄ ³⁻ and their interaction on anaerobic digestion of pig manure. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	3.3	6
69	Recovery of nutrients and volatile fatty acids from pig manure hydrolysate using two-stage bipolar membrane electro dialysis. <i>Chemical Engineering Journal</i> , 2018, 334, 134-142.	6.6	109
70	Technical, economic and environmental assessment of coagulation/filtration tertiary treatment processes in full-scale wastewater treatment plants. <i>Journal of Cleaner Production</i> , 2018, 170, 1185-1194.	4.6	56
71	Enhanced growth and fatty acid accumulation of microalgae <i>Scenedesmus</i> sp. LX1 by two types of auxin. <i>Bioresource Technology</i> , 2018, 247, 561-567.	4.8	86
72	Enhanced nitrogen removal and minimization of N ₂ O emission in a constant-flow multiple anoxic and aerobic process. <i>Journal of Water Process Engineering</i> , 2018, 26, 336-341.	2.6	14

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73	Comprehensive assessment of system performance in a full-scale wastewater treatment plant with an anaerobic/anoxic/aerobic membrane bioreactor combined with the ozonation process. <i>Water Science and Technology</i> , 2018, 78, 690-698.	1.2	2
74	Enhanced Adsorption of Zn(II) onto Graphene Oxides Investigated Using Batch and Modeling Techniques. <i>Nanomaterials</i> , 2018, 8, 806.	1.9	8
75	Ferroferric Oxide Significantly Affected Production of Soluble Microbial Products and Extracellular Polymeric Substances in Anaerobic Methanogenesis Reactors. <i>Frontiers in Microbiology</i> , 2018, 9, 2376.	1.5	20
76	Sustainability evaluation and implication of a large scale membrane bioreactor plant. <i>Bioresource Technology</i> , 2018, 269, 246-254.	4.8	25
77	Color and nitrogen removal from synthetic dye wastewater in an integrated mesophilic hydrolysis/acidification and multiple anoxic/aerobic process. <i>Chemosphere</i> , 2018, 212, 881-889.	4.2	18
78	Nitrogen removal, microbial community and electron transport in an integrated nitrification and denitrification system for ammonium-rich wastewater treatment. <i>International Biodeterioration and Biodegradation</i> , 2018, 133, 202-209.	1.9	58
79	Effect of Organic Carbon on Tertiary Denitrification of the Secondary Effluent in Biofilters Packed with Suspended Carriers. <i>Journal of Water Chemistry and Technology</i> , 2018, 40, 77-85.	0.2	0
80	Enhanced azo dye Reactive Red 2 degradation in anaerobic reactors by dosing conductive material of ferroferric oxide. <i>Journal of Hazardous Materials</i> , 2018, 357, 226-234.	6.5	66
81	Enhanced microalgae growth through stimulated secretion of indole acetic acid by symbiotic bacteria. <i>Algal Research</i> , 2018, 33, 345-351.	2.4	65
82	Comparison of algal bloom related meteorological and water quality factors and algal bloom conditions among Lakes Taihu, Chaohu, and Dianchi (1981-2015). <i>Hupo Kexue/Journal of Lake Sciences</i> , 2018, 30, 897-906.	0.3	22
83	SRT contributes significantly to sludge reduction in the OSA-based activated sludge process. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 305-315.	1.2	11
84	Effect of organic carbons on microbial activity and structure in denitrifying systems acclimated to nitrite as the electron acceptor. <i>International Biodeterioration and Biodegradation</i> , 2017, 118, 66-72.	1.9	23
85	Using straw hydrolysate to cultivate <i>Chlorella pyrenoidosa</i> for high-value biomass production and the nitrogen regulation for biomass composition. <i>Bioresource Technology</i> , 2017, 244, 1254-1260.	4.8	17
86	Enhanced system performance by dosing ferroferric oxide during the anaerobic treatment of tryptone-based high-strength wastewater. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3929-3939.	1.7	51
87	Quantification of nitrous oxide (N ₂ O) emissions and soluble microbial product (SMP) production by a modified AOB-NOB-N ₂ O-SMP model. <i>Bioresource Technology</i> , 2017, 227, 227-238.	4.8	9
88	Attached microalgae cultivation and nutrients removal in a novel capillary-driven photo-biofilm reactor. <i>Algal Research</i> , 2017, 27, 198-205.	2.4	41
89	Enhanced biological nitrogen removal and N ₂ O emission characteristics of the intermittent aeration activated sludge process. <i>Reviews in Environmental Science and Biotechnology</i> , 2017, 16, 761-780.	3.9	34
90	Effects of carbon source on methanogenic activities and pathways incorporating metagenomic analysis of microbial community. <i>Bioresource Technology</i> , 2017, 244, 982-988.	4.8	39

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91	Mixed cultivation as an effective approach to enhance microalgal biomass and triacylglycerol production in domestic secondary effluent. <i>Chemical Engineering Journal</i> , 2017, 328, 665-672.	6.6	16
92	Removal of pharmaceuticals and personal care products by ammonia oxidizing bacteria acclimated in a membrane bioreactor: Contributions of cometabolism and endogenous respiration. <i>Science of the Total Environment</i> , 2017, 605-606, 18-25.	3.9	79
93	Enhanced anaerobic degradation of amide pharmaceuticals by dosing ferrous iron or anthraquinone-2, 6-disulfonate. <i>Journal of Water Process Engineering</i> , 2017, 18, 192-197.	2.6	10
94	Characterization of heavy metal desorption from road-deposited sediment under acid rain scenarios. <i>Journal of Environmental Sciences</i> , 2017, 51, 284-293.	3.2	31
95	Enhancing electron transfer by ferrous iron during the anaerobic treatment of synthetic wastewater with mixed organic carbon. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 104-110.	1.9	87
96	Centralized water reuse system with multiple applications in urban areas: Lessons from China's experience. <i>Resources, Conservation and Recycling</i> , 2017, 117, 125-136.	5.3	74
97	Performance of Denitrifying Phosphate Removal via Nitrite from Slaughterhouse Wastewater Treatment at Low Temperature. <i>Water (Switzerland)</i> , 2017, 9, 818.	1.2	8
98	Greenhouse Gas Emission and Mitigation in Municipal Wastewater Treatment Plants. <i>Water Intelligence Online</i> , 2017, 16, 9781780406312.	0.3	9
99	Nitrogen Removal and N ₂ O Emission During Low Carbon Wastewater Treatment Using the Multiple A/O Process. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	7
100	Technical Performance and Environmental Effects of the Treated Effluent of Wastewater Treatment Plants in the Shenzhen Bay Catchment, China. <i>Sustainability</i> , 2016, 8, 984.	1.6	2
101	Characteristics of water quality of municipal wastewater treatment plants in China: implications for resources utilization and management. <i>Journal of Cleaner Production</i> , 2016, 131, 1-9.	4.6	289
102	Aerobic N ₂ O emission for activated sludge acclimated under different aeration rates in the multiple anoxic and aerobic process. <i>Journal of Environmental Sciences</i> , 2016, 43, 70-79.	3.2	18
103	Removal of nitrogen and phosphorus from the secondary effluent in tertiary denitrifying biofilters combined with micro-coagulation. <i>Water Science and Technology</i> , 2016, 73, 2754-2760.	1.2	4
104	NITROUS OXIDE EMISSION DURING NITRIFICATION OF INFLUENTS WITH DIFFERENT AMMONIUM CONCENTRATIONS. <i>Environmental Engineering and Management Journal</i> , 2016, 15, 19-25.	0.2	1
105	Nitrous oxide emission depending on the type of electron acceptor by a denitrifying phosphorus removal sludge. <i>Global Nest Journal</i> , 2016, 18, 251-258.	0.3	2
106	Tertiary denitrification of the secondary effluent in biofilters packed with composite carriers under different carbon to nitrogen ratios. <i>Environmental Engineering Research</i> , 2016, 21, 311-317.	1.5	8
107	Characteristics of Biological Nitrogen Removal in a Multiple Anoxic and Aerobic Biological Nutrient Removal Process. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	5
108	Effect of bacterial communities on the formation of cast iron corrosion tubercles in reclaimed water. <i>Water Research</i> , 2015, 71, 207-218.	5.3	77

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109	Denitrification and biofilm growth in a pilot-scale biofilter packed with suspended carriers for biological nitrogen removal from secondary effluent. <i>Journal of Environmental Sciences</i> , 2015, 32, 35-41.	3.2	40
110	Effect of heterotrophic activities on nitrous oxide emission during nitrification under different aeration rates. <i>Desalination and Water Treatment</i> , 2015, 55, 821-827.	1.0	8
111	Dry co-digestion of sewage sludge and rice straw under mesophilic and thermophilic anaerobic conditions. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20143-20153.	2.7	12
112	Tertiary Denitrification of the Secondary Effluent by Denitrifying Biofilters Packed with Different Sizes of Quartz Sand. <i>Water (Switzerland)</i> , 2014, 6, 1300-1311.	1.2	25
113	Nitrification and N ₂ O Emission in a Denitrification and Nitrification Two-Sludge System Treating High Ammonium Containing Wastewater. <i>Water (Switzerland)</i> , 2014, 6, 2978-2992.	1.2	24
114	Denitrifying kinetics and nitrous oxide emission under different copper concentrations. <i>Water Science and Technology</i> , 2014, 69, 746-754.	1.2	7
115	Endogenous Nitrous Oxide Emission for Denitrifiers Acclimated with Different Organic Carbons. <i>Procedia Environmental Sciences</i> , 2014, 21, 26-32.	1.3	5
116	Effect of ions on carbon steel corrosion in cooling systems with reclaimed wastewater as the alternative makeup water. <i>Desalination and Water Treatment</i> , 2014, 52, 7565-7574.	1.0	9
117	N ₂ O emission from a sequencing batch reactor for biological N and P removal from wastewater. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 776-783.	3.3	13
118	Characteristics of nitrous oxide (N ₂ O) emission from intermittently aerated sequencing batch reactors (IASBRs) treating slaughterhouse wastewater at low temperature. <i>Biochemical Engineering Journal</i> , 2014, 86, 62-68.	1.8	22
119	Effect of extracellular polymeric substances on corrosion of cast iron in the reclaimed wastewater. <i>Bioresource Technology</i> , 2014, 165, 162-165.	4.8	50
120	Effects of Sludge Retention Times on Nutrient Removal and Nitrous Oxide Emission in Biological Nutrient Removal Processes. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 3553-3569.	1.2	47
121	Effect of ammonium on nitrous oxide emission during denitrification with different electron donors. <i>Journal of Environmental Sciences</i> , 2013, 25, 1131-1138.	3.2	13
122	Dynamics of Intracellular Polymers in Enhanced Biological Phosphorus Removal Processes under Different Organic Carbon Concentrations. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	5
123	Effect of membrane properties on the performance of a hybrid GAC and ultrafiltration process for water treatment. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 1353-1359.	1.2	2
124	Methane production from anaerobic co-digestion of the separated solid fraction of pig manure with dried grass silage. <i>Bioresource Technology</i> , 2012, 104, 289-297.	4.8	55
125	Hydrolysis and acidification of grass silage in leaching bed reactors. <i>Bioresource Technology</i> , 2012, 114, 406-413.	4.8	32
126	Treatment of river water by a hybrid coagulation and ceramic membrane process. <i>Desalination</i> , 2011, 280, 114-119.	4.0	43

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127	Effects of thermo-chemical pre-treatment of grass silage on methane production by anaerobic digestion. <i>Bioresource Technology</i> , 2011, 102, 8748-8755.	4.8	108
128	Partial nitrification and nutrient removal in intermittently aerated sequencing batch reactors treating separated digestate liquid after anaerobic digestion of pig manure. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 1049-1056.	1.7	52
129	Investigation of microbial safety of a full-scale ozonation and biological activated carbon process under high humidity and temperature conditions. <i>Water Science and Technology</i> , 2011, 64, 2293-2298.	1.2	2
130	CHARACTERISTICS OF NUTRIENT REMOVAL FROM SYNTHETIC WASTEWATER WITH DIFFERENT ORGANIC SUBSTRATES. <i>Environmental Engineering and Management Journal</i> , 2011, 10, 649-654.	0.2	0
131	Nutrient removal, microbial community and sludge settlement in anaerobic/aerobic sequencing batch reactors without enhanced biological phosphorus removal. <i>Water Science and Technology</i> , 2010, 61, 2433-2441.	1.2	1
132	Dynamics and function of intracellular carbohydrate in activated sludge performing enhanced biological phosphorus removal. <i>Biochemical Engineering Journal</i> , 2010, 49, 271-276.	1.8	7
133	Production of polyhydroxybutyrate by activated sludge performing enhanced biological phosphorus removal. <i>Bioresource Technology</i> , 2010, 101, 1049-1053.	4.8	60
134	Inhibitory effect of copper on enhanced biological phosphorus removal. <i>Water Science and Technology</i> , 2010, 62, 1464-1470.	1.2	15
135	Microbial community associated with glucose-induced enhanced biological phosphorus removal. <i>Water Science and Technology</i> , 2009, 60, 2105-2113.	1.2	8
136	Thermochemical pretreatment of meat and bone meal and its effect on methane production. <i>Frontiers of Environmental Science and Engineering in China</i> , 2009, 3, 300-306.	0.8	7
137	Effect of the solid content on anaerobic digestion of meat and bone meal. <i>Bioresource Technology</i> , 2009, 100, 4326-4331.	4.8	46
138	Distributions and activities of ammonia oxidizing bacteria and polyphosphate accumulating organisms in a pumped-flow biofilm reactor. <i>Water Research</i> , 2009, 43, 4599-4609.	5.3	15
139	Soft X-ray emissions from neon gas-puff Z-pinch powered by Qiang Guang-I accelerator. <i>Laser and Particle Beams</i> , 2009, 27, 569-577.	0.4	8
140	Nitrification in sequencing batch reactors with and without glucose addition at 11Å°C. <i>Biochemical Engineering Journal</i> , 2008, 40, 373-378.	1.8	10
141	Analysis of the microbial community in sequencing batch reactors treating saline wastewater using molecular fingerprinting techniques. <i>Journal of Biotechnology</i> , 2008, 136, S635.	1.9	0
142	Effect of salinity on the activity, settling and microbial community of activated sludge in sequencing batch reactors treating synthetic saline wastewater. <i>Water Science and Technology</i> , 2008, 58, 351-358.	1.2	50
143	Nitrogen and Phosphorus Removal from Domestic Strength Synthetic Wastewater Using an Alternating Pumped Flow Sequencing Batch Biofilm Reactor. <i>Journal of Environmental Quality</i> , 2008, 37, 977-982.	1.0	4
144	Sub-picosecond pulse radiolysis project at NERL, University of Tokyo. , 1999, , .		2

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145	Effect of the dosage of ferroferric oxide on batch anaerobic treatment of high strength synthetic wastewater. , 0, 92, 152-158.		12
146	Effect of aeration rates on the performance of an OSA-based sludge reduction process: limitations and implications. , 0, 76, 166-173.		0
147	Strategies for sustainable wastewater treatment based on energy recovery and emerging compounds control: a mini-review. , 0, 127, 26-31.		1