

Zhen-Hu Hu

List of Publications by Year in descending order

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134
papers

5,001
citations

76196

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docs citations

136
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing enzymatic digestibility of switchgrass by microwave-assisted alkali pretreatment. <i>Biochemical Engineering Journal</i> , 2008, 38, 369-378.	1.8	380
2	Effect of pig manure to grass silage ratio on methane production in batch anaerobic co-digestion of concentrated pig manure and grass silage. <i>Bioresource Technology</i> , 2011, 102, 5728-5733.	4.8	225
3	Removal of Congo Red from aqueous solution by cattail root. <i>Journal of Hazardous Materials</i> , 2010, 173, 292-297.	6.5	209
4	Î±-MnO ₂ /Palygorskite composite as an effective catalyst for heterogeneous activation of peroxymonosulfate (PMS) for the degradation of Rhodamine B. <i>Separation and Purification Technology</i> , 2020, 230, 115877.	3.9	151
5	Recovery of nutrients and volatile fatty acids from pig manure hydrolysate using two-stage bipolar membrane electrodialysis. <i>Chemical Engineering Journal</i> , 2018, 334, 134-142.	6.6	109
6	Nutrient Recovery from Digestate of Anaerobic Digestion of Livestock Manure: a Review. <i>Current Pollution Reports</i> , 2018, 4, 74-83.	3.1	102
7	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
8	Application of rumen microorganisms for enhanced anaerobic fermentation of corn stover. <i>Process Biochemistry</i> , 2005, 40, 2371-2377.	1.8	98
9	Performance robustness of the UASB reactors treating saline phenolic wastewater and analysis of microbial community structure. <i>Journal of Hazardous Materials</i> , 2017, 331, 21-27.	6.5	98
10	Characterization of organic matter degradation during composting of manure-straw mixtures spiked with tetracyclines. <i>Bioresource Technology</i> , 2011, 102, 7329-7334.	4.8	94
11	Anaerobic degradation of cellulose by rumen microorganisms at various pH values. <i>Biochemical Engineering Journal</i> , 2004, 21, 59-62.	1.8	92
12	Nutrient recovery from pig manure digestate using electrodialysis reversal: Membrane fouling and feasibility of long-term operation. <i>Journal of Membrane Science</i> , 2019, 573, 560-569.	4.1	92
13	Microbial lipid production from potato processing wastewater using oleaginous filamentous fungi <i>Aspergillus oryzae</i> . <i>Water Research</i> , 2013, 47, 3477-3483.	5.3	91
14	Enhancing anaerobic digestibility and phosphorus recovery of dairy manure through microwave-based thermochemical pretreatment. <i>Water Research</i> , 2009, 43, 3493-3502.	5.3	88
15	Utilization of iron sulfides for wastewater treatment: a critical review. <i>Reviews in Environmental Science and Biotechnology</i> , 2017, 16, 289-308.	3.9	88
16	Adsorption of roxarsone from aqueous solution by multi-walled carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2012, 377, 355-361.	5.0	84
17	Inhibition of volatile fatty acids on methane production kinetics during dry co-digestion of food waste and pig manure. <i>Waste Management</i> , 2018, 79, 302-311.	3.7	83
18	Alkali (NaOH) Pretreatment of Switchgrass by Radio Frequency-based Dielectric Heating. <i>Applied Biochemistry and Biotechnology</i> , 2008, 148, 71-81.	1.4	79

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19	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
20	High-rate anaerobic hydrolysis and acidogenesis of sewage sludge in a modified upflow reactor. <i>Water Science and Technology</i> , 2003, 48, 69-75.	1.2	73
21	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
22	Inactivation of enteric indicator bacteria and system stability during dry co-digestion of food waste and pig manure. <i>Science of the Total Environment</i> , 2018, 612, 293-302.	3.9	71
23	Mechanisms of microwave irradiation pretreatment for enhancing anaerobic digestion of cattail by rumen microorganisms. <i>Applied Energy</i> , 2012, 93, 229-236.	5.1	63
24	Microscale Analysis of <i>in Vitro</i> Anaerobic Degradation of Lignocellulosic Wastes by Rumen Microorganisms. <i>Environmental Science & Technology</i> , 2008, 42, 276-281.	4.6	60
25	Decomposition and mineralization of sulfaquinoxaline sodium during UV/H ₂ O ₂ oxidation processes. <i>Chemical Engineering Journal</i> , 2016, 284, 494-502.	6.6	59
26	Influence of particle size and pH on anaerobic degradation of cellulose by ruminal microbes. <i>International Biodeterioration and Biodegradation</i> , 2005, 55, 233-238.	1.9	58
27	Comparison of UV/H ₂ O ₂ and UV/PS processes for the degradation of thiamphenicol in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 348, 79-88.	2.0	58
28	Biodegradation and speciation of roxarsone in an anaerobic granular sludge system and its impacts. <i>Journal of Hazardous Materials</i> , 2014, 279, 562-568.	6.5	54
29	Activation of peroxymonosulfate by CoFeNi layered double hydroxide/graphene oxide (LDH/GO) for the degradation of gatifloxacin. <i>Separation and Purification Technology</i> , 2021, 255, 117685.	3.9	53
30	Degradation kinetics of pentachlorophenol and changes in anaerobic microbial community with different dosing modes of co-substrate and zero-valent iron. <i>International Biodeterioration and Biodegradation</i> , 2016, 113, 126-133.	1.9	52
31	Non-thermal plasma and BiPO ₄ induced degradation of aqueous crystal violet. <i>Separation and Purification Technology</i> , 2017, 179, 135-144.	3.9	52
32	Anaerobic digestion of cattail by rumen cultures. <i>Waste Management</i> , 2006, 26, 1222-1228.	3.7	51
33	Electrochemical Stimulation of Microbial Roxarsone Degradation under Anaerobic Conditions. <i>Environmental Science & Technology</i> , 2014, 48, 7951-7958.	4.6	51
34	Microbial lipid production from renewable and waste materials for second-generation biodiesel feedstock. <i>Environmental Technology Reviews</i> , 2015, 4, 1-16.	2.1	51
35	Exploring the roles of and interactions among microbes in dry co-digestion of food waste and pig manure using high-throughput 16S rRNA gene amplicon sequencing. <i>Biotechnology for Biofuels</i> , 2019, 12, 5.	6.2	48
36	Selection of seeding strategy for fast start-up of Anammox process with low concentration of Anammox sludge inoculum. <i>Bioresource Technology</i> , 2018, 268, 638-647.	4.8	45

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37	Environmental sustainability assessment of pig manure mono- and co-digestion and dynamic land application of the digestate. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 137, 110476.	8.2	44
38	Adsorption of roxarsone by iron (hydr)oxide-modified multiwalled carbon nanotubes from aqueous solution and its mechanisms. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 785-794.	1.8	40
39	Adsorption and photocatalytic decomposition of roxarsone by TiO ₂ and its mechanism. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8025-8035.	2.7	40
40	Inhibition of ammonia on anaerobic digestion of synthetic coal gasification wastewater and recovery using struvite precipitation. <i>Journal of Hazardous Materials</i> , 2017, 340, 152-159.	6.5	40
41	Performance of an anaerobic filter treating soybean processing wastewater with and without effluent recycle. <i>Process Biochemistry</i> , 2002, 38, 507-513.	1.8	39
42	Adsorption removal of tetracycline from aqueous solution by anaerobic granular sludge: equilibrium and kinetic studies. <i>Water Science and Technology</i> , 2013, 67, 1490-1496.	1.2	39
43	Antibiotics in nutrient recovery from pig manure via electrodialysis reversal: Sorption and migration associated with membrane fouling. <i>Journal of Membrane Science</i> , 2020, 597, 117633.	4.1	39
44	Composting clam processing wastes in a laboratory- and pilot-scale in-vessel system. <i>Waste Management</i> , 2009, 29, 180-185.	3.7	38
45	Photocatalytic oxidation of roxarsone using riboflavin-derivative as a photosensitizer. <i>Chemical Engineering Journal</i> , 2019, 355, 130-136.	6.6	37
46	Transformation of acetaminophen during water chlorination treatment: kinetics and transformation products identification. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12303-12311.	2.7	36
47	Anaerobic biotransformation and potential impact of quinoline in an anaerobic methanogenic reactor treating synthetic coal gasification wastewater and response of microbial community. <i>Journal of Hazardous Materials</i> , 2020, 384, 121404.	6.5	36
48	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
49	Hydrogen enrichment as a bioaugmentation tool to alleviate ammonia inhibition on anaerobic digestion of phenol-containing wastewater. <i>Bioresource Technology</i> , 2019, 276, 97-102.	4.8	33
50	Inactivation of Salmonella during dry co-digestion of food waste and pig manure. <i>Waste Management</i> , 2018, 82, 231-240.	3.7	32
51	Hydrogen Production from Rice Winery Wastewater by Using a Continuously-Stirred Reactor. <i>Journal of Chemical Engineering of Japan</i> , 2003, 36, 1147-1151.	0.3	31
52	Optimization of microwave pretreatment of lignocellulosic waste for enhancing methane production: Hyacinth as an example. <i>Frontiers of Environmental Science and Engineering</i> , 2017, 11, 1.	3.3	31
53	Effect of ultrasonic and ozone pretreatment on the fate of enteric indicator bacteria and antibiotic resistance genes, and anaerobic digestion of dairy wastewater. <i>Bioresource Technology</i> , 2021, 320, 124356.	4.8	31
54	A fluorescent, self-healing and pH sensitive hydrogel rapidly fabricated from HPAMAM and oxidized alginate with injectability. <i>RSC Advances</i> , 2016, 6, 34254-34260.	1.7	30

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55	Influence of particle size distribution on anaerobic degradation of phenol and analysis of methanogenic microbial community. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10391-10403.	2.7	30
56	Application of response surface methodology for optimization of acidogenesis of cattail by rumen cultures. <i>Bioresource Technology</i> , 2006, 97, 2103-2109.	4.8	29
57	Kinetic analysis of anaerobic digestion of cattail by rumen microbes in a modified UASB reactor. <i>Biochemical Engineering Journal</i> , 2007, 37, 219-225.	1.8	29
58	A pilot scale study on synergistic effects of co-digestion of pig manure and grass silage. <i>International Biodeterioration and Biodegradation</i> , 2017, 123, 244-250.	1.9	29
59	Synergistic effect of magnetite and zero-valent iron on anaerobic degradation and methanogenesis of phenol. <i>Bioresource Technology</i> , 2019, 291, 121874.	4.8	29
60	Effects of roxarsone and sulfadiazine on biogas production and their degradation during anaerobic digestion. <i>International Biodeterioration and Biodegradation</i> , 2019, 140, 113-118.	1.9	29
61	Food waste fermentation for carbon source production and denitrification in sequencing batch reactors. <i>Journal of Cleaner Production</i> , 2020, 253, 119934.	4.6	28
62	Biological phosphorus removal inhibition by roxarsone in batch culture systems. <i>Chemosphere</i> , 2013, 92, 138-142.	4.2	27
63	Green synthesis of magnetic mesoporous carbon from waste-lignin and its application as an efficient heterogeneous Fenton catalyst. <i>Journal of Cleaner Production</i> , 2021, 285, 125363.	4.6	27
64	Effect of surface modification on carbon nanotubes (CNTs) catalyzed nitrobenzene reduction by sulfide. <i>Journal of Hazardous Materials</i> , 2018, 357, 235-243.	6.5	26
65	Enhancing Roxarsone Degradation and <i>In Situ</i> Arsenic Immobilization Using a Sulfate-Mediated Bioelectrochemical System. <i>Environmental Science & Technology</i> , 2021, 55, 393-401.	4.6	26
66	Organoarsenic feed additives in biological wastewater treatment processes: Removal, biotransformation, and associated impacts. <i>Journal of Hazardous Materials</i> , 2021, 406, 124789.	6.5	25
67	Surfactant-enhanced anaerobic acidogenesis of <i>Canna indica</i> L. by rumen cultures. <i>Bioresource Technology</i> , 2008, 99, 3418-3423.	4.8	24
68	Coupling granular activated carbon and exogenous hydrogen to enhance anaerobic digestion of phenol via predominant syntrophic acetate oxidation and hydrogenotrophic methanogenesis pathway. <i>Bioresource Technology</i> , 2021, 323, 124576.	4.8	23
69	Rapid establishment of phenol- and quinoline-degrading consortia driven by the scoured cake layer in an anaerobic baffled ceramic membrane bioreactor. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26125-26135.	2.7	22
70	Nutrient recovery from animal manure using bipolar membrane electrodialysis: Study on product purity and energy efficiency. <i>Water Cycle</i> , 2020, 1, 54-62.	2.1	22
71	Enhanced treatment of low-temperature and low carbon/nitrogen ratio wastewater by corncob-based fixed bed bioreactor coupled sequencing batch reactor. <i>Bioresource Technology</i> , 2022, 351, 126975.	4.8	22
72	Simultaneous roxarsone photocatalytic degradation and arsenic adsorption removal by TiO ₂ /FeOOH hybrid. <i>Environmental Science and Pollution Research</i> , 2020, 27, 18434-18442.	2.7	21

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73	Improved environmental sustainability and bioenergy recovery through pig manure and food waste on-farm co-digestion in Ireland. <i>Journal of Cleaner Production</i> , 2021, 280, 125034.	4.6	21
74	Assessment of nitrogen and phosphorus removal in an intermittently aerated sequencing batch reactor (IASBR) and a sequencing batch reactor (SBR). <i>Water Science and Technology</i> , 2013, 68, 400-405.	1.2	20
75	Arsenic accumulation and volatilization in a 260-day cultured upflow anaerobic sludge blanket (UASB) reactor. <i>Chemical Engineering Journal</i> , 2017, 311, 277-283.	6.6	20
76	Potential impact of methyl isobutyl ketone (MIBK) on phenols degradation in an UASB reactor and its degradation properties. <i>Journal of Hazardous Materials</i> , 2017, 333, 73-79.	6.5	20
77	Modeling surface acid-base properties of struvite crystals synthesized in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 553, 237-243.	2.3	20
78	Effect of arsanilic acid on anaerobic methanogenic process: Kinetics, inhibition and biotransformation analysis. <i>Biochemical Engineering Journal</i> , 2014, 91, 179-185.	1.8	18
79	Anaerobic biotransformation of roxarsone regulated by sulfate: Degradation, arsenic accumulation and volatilization. <i>Environmental Pollution</i> , 2020, 267, 115602.	3.7	18
80	In situ electrochemical oxidation in electrodialysis for antibiotics removal during nutrient recovery from pig manure digestate. <i>Chemical Engineering Journal</i> , 2021, 413, 127485.	6.6	18
81	Promoting direct interspecies electron transfer and acetoclastic methanogenesis for enhancing anaerobic digestion of butanol octanol wastewater by coupling granular activated carbon and exogenous hydrogen. <i>Bioresource Technology</i> , 2021, 337, 125417.	4.8	18
82	Precipitation of organic arsenic compounds and their degradation products during struvite formation. <i>Journal of Hazardous Materials</i> , 2016, 317, 90-96.	6.5	17
83	Membrane fouling and performance of anaerobic ceramic membrane bioreactor treating phenol- and quinoline-containing wastewater: granular activated carbon vs polyaluminum chloride. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34167-34176.	2.7	16
84	Removal of roxarsone from aqueous solution by Fe/La-modified montmorillonite. <i>Desalination and Water Treatment</i> , 2016, 57, 20520-20533.	1.0	15
85	Improved reduction of antibiotic resistance genes and mobile genetic elements from biowastes in dry anaerobic co-digestion. <i>Waste Management</i> , 2021, 126, 152-162.	3.7	15
86	Chlorination of parabens: reaction kinetics and transformation product identification. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23081-23091.	2.7	14
87	Impact of roxarsone on the UASB reactor performance and its degradation. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 1.	3.3	14
88	Nutrient removal from separated pig manure digestate liquid using hybrid biofilters. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 645-651.	1.2	13
89	Resource availability shapes microbial motility and mediates early-stage formation of microbial clusters in biological wastewater treatment processes. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1459-1467.	1.7	13
90	Response of anaerobic granular sludge to long-term loading of roxarsone: From macro- to micro-scale perspective. <i>Water Research</i> , 2021, 204, 117599.	5.3	13

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91	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
92	Tough and strong nacre-like composites from hyperbranched poly(amido amine) and clay nanosheets cross-linked by genipin. <i>RSC Advances</i> , 2016, 6, 1415-1421.	1.7	12
93	Influence of aluminium accumulation on biological nitrification and phosphorus removal in an anoxic-oxic membrane bioreactor. <i>Environmental Science and Pollution Research</i> , 2019, 26, 28127-28134.	2.7	12
94	Aggravation of membrane fouling and methane leakage by a three-phase separator in an external anaerobic ceramic membrane bioreactor. <i>Frontiers of Environmental Science and Engineering</i> , 2019, 13, 1.	3.3	12
95	Effect of the dosage of ferrous oxide on batch anaerobic treatment of high strength synthetic wastewater. , 0, 92, 152-158.		12
96	Effects of loading rate and aeration on nitrogen removal and N ₂ O emissions in intermittently aerated sequencing batch reactors treating slaughterhouse wastewater at 11°C. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 681-689.	1.7	11
97	Fluorescence quenching effects of antibiotics on the main components of dissolved organic matter. <i>Environmental Science and Pollution Research</i> , 2016, 23, 5667-5675.	2.7	11
98	Characterization of arsenic species in the anaerobic granular sludge treating roxarsone-contaminated wastewater. <i>Chemical Engineering Journal</i> , 2017, 327, 162-168.	6.6	11
99	The performance of activated sludge exposed to arsenic acid and amprolium hydrochloride in sequencing batch reactors. <i>International Biodeterioration and Biodegradation</i> , 2017, 116, 260-265.	1.9	11
100	Effect of solid-liquid separation on food waste fermentation products as external carbon source for denitrification. <i>Journal of Cleaner Production</i> , 2021, 284, 124687.	4.6	11
101	Controlling sludge retention time to alleviate inhibition of nitrosation and nitration by accumulated aluminum in an A/O-MBR. <i>International Biodeterioration and Biodegradation</i> , 2019, 144, 104755.	1.9	10
102	Fermentation liquid production of food wastes as carbon source for denitrification: Laboratory and full-scale investigation. <i>Chemosphere</i> , 2021, 270, 129460.	4.2	10
103	Enhancing Fenton-like catalytic efficiency of Bi ₂ WO ₆ by iodine doping for pollutant degradation. <i>Separation and Purification Technology</i> , 2021, 277, 119447.	3.9	10
104	Novel electro-ion substitution strategy in electrodialysis for ammonium recovery from digested sludge centrate in coastal regions. <i>Journal of Membrane Science</i> , 2022, 642, 120001.	4.1	10
105	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
106	Ammonia and phosphorous precipitation through struvite crystallization from swine wastewater with high suspended solid. , 0, 116, 258-266.		9
107	Effects of Sludge Retention Time on the Performance of Anaerobic Ceramic Membrane Bioreactor Treating High-Strength Phenol Wastewater. <i>Archaea</i> , 2020, 2020, 1-10.	2.3	8
108	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

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109	Enhancing Enzymatic Hydrolysis of Maize Stover by Bayer Process Sand Pretreatment. <i>Energy & Fuels</i> , 2009, 23, 2284-2289.	2.5	7
110	Efficiency of sequential UV/H ₂ O ₂ and biofilm process for the treatment of secondary effluent. <i>Environmental Science and Pollution Research</i> , 2019, 26, 577-585.	2.7	7
111	Photodegradation of roxarsone in the aquatic environment: influencing factors, mechanisms, and artificial neural network modeling. <i>Environmental Science and Pollution Research</i> , 2022, 29, 7844-7852.	2.7	7
112	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
113	Performance and recovery of a completely separated partial nitrification and anammox process treating phenol-containing wastewater. <i>Environmental Science and Pollution Research</i> , 2019, 26, 33917-33926.	2.7	6
114	Degradation of Nonylphenol Ethoxylate-40 in High Saline Wastewater by Electrochemical Oxidation. <i>Environmental Engineering Science</i> , 2021, 38, 81-88.	0.8	6
115	Decomposition of 3,5-dinitrobenzamide in aqueous solution during UV/H ₂ O ₂ and UV/TiO ₂ oxidation processes. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5360-5369.	2.7	5
116	Combining biofilm and membrane flocculation to enhance simultaneous nutrients removal and membrane fouling reduction. <i>Science of the Total Environment</i> , 2021, 796, 148922.	3.9	5
117	Enhancement of Performance Robustness and Nitrogen Removal by Coupling Anammox with Denitrification in a Corn-cob-Dosed Reactor. <i>Environmental Engineering Science</i> , 2019, 36, 1482-1490.	0.8	4
118	Thermal crosslinking synthesis of ethylene-vinyl acetate copolymer supported floating TiO ₂ photocatalyst: characterization and photocatalytic performance. <i>Environmental Science and Pollution Research</i> , 2022, 29, 50208-50217.	2.7	4
119	Low energy harvesting of hydrophobic microalgae (<i>Tribonema</i> sp.) by electro-flotation without coagulation. <i>Science of the Total Environment</i> , 2022, 838, 155866.	3.9	4
120	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
121	Inhibitory effect of oil and fat on denitrification using food waste fermentation liquid as carbon source. <i>Science of the Total Environment</i> , 2021, 797, 149111.	3.9	3
122	Start-up of partial nitrification-Anammox (PN/A) process treating piggery wastewater. , 0, 180, 156-163.		3
123	Zero-valent iron mediated alleviation of methanogenesis inhibition induced by organoarsenic roxarsone. <i>Science of the Total Environment</i> , 2021, , 152080.	3.9	3
124	Influence of immersion depth of membrane on filtration performance of anaerobic membrane bioreactor. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29433-29440.	2.7	2
125	Inactivation of carbapenemase-producing Enterobacterales during anaerobic co-digestion of food waste and pig manure. <i>Bioresource Technology Reports</i> , 2020, 11, 100455.	1.5	2
126	Anaerobic Digestion of Lignocellulosic Wastes by Rumen Microorganisms: Chemical and Kinetic Analyses. , 2010, , 259-278.		1

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127	Adsorption characteristics of 4-hydroxy-3-aminophenylarsonic acid (HAPA) onto anaerobic granular sludge. <i>Desalination and Water Treatment</i> , 2015, , 1-12.	1.0	1
128	Performance of single-stage partial nitrification and anammox reactor treating low phenol/ammonia ratio wastewater and analysis of microbial community structure. <i>Water Environment Research</i> , 2021, 93, 1969-1978.	1.3	1
129	Pretreatment of lignocellulocics-rich cattail by rumen microorganisms to enhance anaerobic digestion performance. , 2007, , .		0
130	Kinetics of hydroquinone oxidation by a wire-cylinder dielectric barrier discharge reactor. <i>Desalination and Water Treatment</i> , 2016, 57, 29212-29219.	1.0	0
131	THERMOPHILIC COMPOSTING PERFORMANCE OF PIG MANURE SPIKED WITH CARBADOX. <i>Environmental Engineering and Management Journal</i> , 2016, 15, 2155-2162.	0.2	0
132	EDITORIAL Livestock Waste Management and Resource Recovery 1st International Conference on Recent Advances in Pollution Control and Resource Recovery for the Livestock Farming Industry LivestockWaste 2013. <i>Environmental Engineering and Management Journal</i> , 2016, 15, 2135-2136.	0.2	0
133	Oxidative degradation of the antineoplastic drugs 5-fluorouracil and cytarabine in aqueous solution by potassium permanganate. , 0, 70, 339-346.		0
134	Molecular Diversity of Oleaginous Fungi in Irish Soil and Their Potential for Biodiesel Production. <i>Fungal Biology</i> , 2017, , 53-63.	0.3	0