

Zhen-Hu Hu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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.	5.3	7
2	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.	8.2	10
3	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.	5.3	4
4	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.	9.6	22
5	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.	8.0	4
6	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.	9.3	11
7	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.	7.9	53
8	Degradation of Nonylphenol Ethoxylate-40 in High Saline Wastewater by Electrochemical Oxidation. <i>Environmental Engineering Science</i> , 2021, 38, 81-88.	1.6	6
9	Organoarsenic feed additives in biological wastewater treatment processes: Removal, biotransformation, and associated impacts. <i>Journal of Hazardous Materials</i> , 2021, 406, 124789.	12.4	25
10	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.	9.6	31
11	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.	16.4	44
12	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.	10.0	26
13	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.	9.3	21
14	In situ electrochemical oxidation in electrodialysis for antibiotics removal during nutrient recovery from pig manure digestate. <i>Chemical Engineering Journal</i> , 2021, 413, 127485.	12.7	18
15	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.	9.3	27
16	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.	9.6	23
17	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.	2.7	1
18	Fermentation liquid production of food wastes as carbon source for denitrification: Laboratory and full-scale investigation. <i>Chemosphere</i> , 2021, 270, 129460.	8.2	10

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19	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.	7.4	15
20	Response of anaerobic granular sludge to long-term loading of roxarsone: From macro- to micro-scale perspective. <i>Water Research</i> , 2021, 204, 117599.	11.3	13
21	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.	9.6	18
22	Combining biofilm and membrane flocculation to enhance simultaneous nutrients removal and membrane fouling reduction. <i>Science of the Total Environment</i> , 2021, 796, 148922.	8.0	5
23	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.	8.0	3
24	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.	7.9	10
25	Zero-valent iron mediated alleviation of methanogenesis inhibition induced by organoarsenic roxarsone. <i>Science of the Total Environment</i> , 2021, , 152080.	8.0	3
26	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.	12.4	36
27	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.	7.9	151
28	Arsenic volatilization in roxarsone-loaded digester: Insight into the main factors and arsM genes. <i>Science of the Total Environment</i> , 2020, 711, 135123.	8.0	9
29	Inactivation of pathogens in anaerobic digestion systems for converting biowastes to bioenergy: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 120, 109654.	16.4	72
30	Food waste fermentation for carbon source production and denitrification in sequencing batch reactors. <i>Journal of Cleaner Production</i> , 2020, 253, 119934.	9.3	28
31	Antibiotics in nutrient recovery from pig manure via electro dialysis reversal: Sorption and migration associated with membrane fouling. <i>Journal of Membrane Science</i> , 2020, 597, 117633.	8.2	39
32	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.	7.4	101
33	Influence of immersion depth of membrane on filtration performance of anaerobic membrane bioreactor. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29433-29440.	5.3	2
34	Anaerobic biotransformation of roxarsone regulated by sulfate: Degradation, arsenic accumulation and volatilization. <i>Environmental Pollution</i> , 2020, 267, 115602.	7.5	18
35	Slow growers possess a high pollutant removal potential through granule formation for wastewater treatment. <i>Water Cycle</i> , 2020, 1, 63-69.	4.0	3
36	Nutrient recovery from animal manure using bipolar membrane electro dialysis: Study on product purity and energy efficiency. <i>Water Cycle</i> , 2020, 1, 54-62.	4.0	22

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37	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
38	Inactivation of carbapenemase-producing Enterobacterales during anaerobic co-digestion of food waste and pig manure. <i>Bioresource Technology Reports</i> , 2020, 11, 100455.	2.7	2
39	Simultaneous roxarsone photocatalytic degradation and arsenic adsorption removal by TiO ₂ /FeOOH hybrid. <i>Environmental Science and Pollution Research</i> , 2020, 27, 18434-18442.	5.3	21
40	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.	5.3	30
41	Photocatalytic oxidation of roxarsone using riboflavin-derivative as a photosensitizer. <i>Chemical Engineering Journal</i> , 2019, 355, 130-136.	12.7	37
42	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.	5.3	6
43	Synergistic effect of magnetite and zero-valent iron on anaerobic degradation and methanogenesis of phenol. <i>Bioresource Technology</i> , 2019, 291, 121874.	9.6	29
44	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.	5.3	12
45	Enhancement of Performance Robustness and Nitrogen Removal by Coupling Anammox with Denitrification in a Corncob-Dosed Reactor. <i>Environmental Engineering Science</i> , 2019, 36, 1482-1490.	1.6	4
46	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.	5.3	16
47	Controlling sludge retention time to alleviate inhibition of nitrosation and nitrification by accumulated aluminum in an A/O-MBR. <i>International Biodeterioration and Biodegradation</i> , 2019, 144, 104755.	3.9	10
48	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.	6.0	12
49	Effects of roxarsone and sulfadiazine on biogas production and their degradation during anaerobic digestion. <i>International Biodeterioration and Biodegradation</i> , 2019, 140, 113-118.	3.9	29
50	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.	8.2	92
51	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.	5.3	7
52	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.	3.9	76
53	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.	9.6	33
54	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

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55	Nutrient Recovery from Digestate of Anaerobic Digestion of Livestock Manure: a Review. <i>Current Pollution Reports</i> , 2018, 4, 74-83.	6.6	102
56	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.	6.0	6
57	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.	12.7	109
58	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.	8.0	71
59	Inactivation of Salmonella during dry co-digestion of food waste and pig manure. <i>Waste Management</i> , 2018, 82, 231-240.	7.4	32
60	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.	4.7	20
61	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.	7.4	83
62	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.	9.6	45
63	Effect of surface modification on carbon nanotubes (CNTs) catalyzed nitrobenzene reduction by sulfide. <i>Journal of Hazardous Materials</i> , 2018, 357, 235-243.	12.4	26
64	Arsenic accumulation and volatilization in a 260-day cultured upflow anaerobic sludge blanket (UASB) reactor. <i>Chemical Engineering Journal</i> , 2017, 311, 277-283.	12.7	20
65	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.	5.3	5
66	Non-thermal plasma and BiPO ₄ induced degradation of aqueous crystal violet. <i>Separation and Purification Technology</i> , 2017, 179, 135-144.	7.9	52
67	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.	12.4	98
68	Utilization of iron sulfides for wastewater treatment: a critical review. <i>Reviews in Environmental Science and Biotechnology</i> , 2017, 16, 289-308.	8.1	88
69	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.	12.4	20
70	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.	6.0	31
71	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.	5.3	22
72	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.	8.1	34

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73	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.	3.9	58
74	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.	12.4	40
75	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.	3.9	29
76	Characterization of arsenic species in the anaerobic granular sludge treating roxarsone-contaminated wastewater. <i>Chemical Engineering Journal</i> , 2017, 327, 162-168.	12.7	11
77	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.	3.9	11
78	Molecular Diversity of Oleaginous Fungi in Irish Soil and Their Potential for Biodiesel Production. <i>Fungal Biology</i> , 2017, , 53-63.	0.6	0
79	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.	3.6	30
80	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
81	Chlorination of parabens: reaction kinetics and transformation product identification. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23081-23091.	5.3	14
82	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.	3.6	12
83	Impact of roxarsone on the UASB reactor performance and its degradation. <i>Frontiers of Environmental Science and Engineering</i> , 2016, 10, 1.	6.0	14
84	Precipitation of organic arsenic compounds and their degradation products during struvite formation. <i>Journal of Hazardous Materials</i> , 2016, 317, 90-96.	12.4	17
85	Transformation of acetaminophen during water chlorination treatment: kinetics and transformation products identification. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12303-12311.	5.3	36
86	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.	3.9	52
87	Decomposition and mineralization of sulfaquinoxaline sodium during UV/H ₂ O ₂ oxidation processes. <i>Chemical Engineering Journal</i> , 2016, 284, 494-502.	12.7	59
88	Fluorescence quenching effects of antibiotics on the main components of dissolved organic matter. <i>Environmental Science and Pollution Research</i> , 2016, 23, 5667-5675.	5.3	11
89	Removal of roxarsone from aqueous solution by Fe/La-modified montmorillonite. <i>Desalination and Water Treatment</i> , 2016, 57, 20520-20533.	1.0	15
90	THERMOPHILIC COMPOSTING PERFORMANCE OF PIG MANURE SPIKED WITH CARBADOX. <i>Environmental Engineering and Management Journal</i> , 2016, 15, 2155-2162.	0.6	0

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91	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. Environmental Engineering and Management Journal, 2016, 15, 2135-2136.	0.6	0
92	Microbial lipid production from renewable and waste materials for second-generation biodiesel feedstock. Environmental Technology Reviews, 2015, 4, 1-16.	4.3	51
93	Effects of loading rate and aeration on nitrogen removal and N ₂ O emissions in intermittently aerated sequencing batch reactors treating slaughterhouse wastewater at 11ÅÅ°C. Bioprocess and Biosystems Engineering, 2015, 38, 681-689.	3.4	11
94	Dry co-digestion of sewage sludge and rice straw under mesophilic and thermophilic anaerobic conditions. Environmental Science and Pollution Research, 2015, 22, 20143-20153.	5.3	12
95	Adsorption characteristics of 4-hydroxy-3-aminophenylarsonic acid (HAPA) onto anaerobic granular sludge. Desalination and Water Treatment, 2015, , 1-12.	1.0	1
96	Adsorption of roxarsone by iron (hydr)oxide-modified multiwalled carbon nanotubes from aqueous solution and its mechanisms. International Journal of Environmental Science and Technology, 2014, 11, 785-794.	3.5	40
97	Resource availability shapes microbial motility and mediates early-stage formation of microbial clusters in biological wastewater treatment processes. Applied Microbiology and Biotechnology, 2014, 98, 1459-1467.	3.6	13
98	Effect of arsanilic acid on anaerobic methanogenic process: Kinetics, inhibition and biotransformation analysis. Biochemical Engineering Journal, 2014, 91, 179-185.	3.6	18
99	Biodegradation and speciation of roxarsone in an anaerobic granular sludge system and its impacts. Journal of Hazardous Materials, 2014, 279, 562-568.	12.4	54
100	Adsorption and photocatalytic decomposition of roxarsone by TiO ₂ and its mechanism. Environmental Science and Pollution Research, 2014, 21, 8025-8035.	5.3	40
101	Electrochemical Stimulation of Microbial Roxarsone Degradation under Anaerobic Conditions. Environmental Science & Technology, 2014, 48, 7951-7958.	10.0	51
102	Microbial lipid production from potato processing wastewater using oleaginous filamentous fungi <i>Aspergillus oryzae</i> . Water Research, 2013, 47, 3477-3483.	11.3	91
103	Biological phosphorus removal inhibition by roxarsone in batch culture systems. Chemosphere, 2013, 92, 138-142.	8.2	27
104	Adsorption removal of tetracycline from aqueous solution by anaerobic granular sludge: equilibrium and kinetic studies. Water Science and Technology, 2013, 67, 1490-1496.	2.5	39
105	Assessment of nitrogen and phosphorus removal in an intermittently aerated sequencing batch reactor (IASBR) and a sequencing batch reactor (SBR). Water Science and Technology, 2013, 68, 400-405.	2.5	20
106	Nutrient removal from separated pig manure digestate liquid using hybrid biofilters. Environmental Technology (United Kingdom), 2013, 34, 645-651.	2.2	13
107	Mechanisms of microwave irradiation pretreatment for enhancing anaerobic digestion of cattail by rumen microorganisms. Applied Energy, 2012, 93, 229-236.	10.1	63
108	Adsorption of roxarsone from aqueous solution by multi-walled carbon nanotubes. Journal of Colloid and Interface Science, 2012, 377, 355-361.	9.4	84

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109	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.	9.6	225
110	Characterization of organic matter degradation during composting of manure" straw mixtures spiked with tetracyclines. <i>Bioresource Technology</i> , 2011, 102, 7329-7334.	9.6	94
111	Removal of Congo Red from aqueous solution by cattail root. <i>Journal of Hazardous Materials</i> , 2010, 173, 292-297.	12.4	209
112	Anaerobic Digestion of Lignocellulosic Wastes by Rumen Microorganisms: Chemical and Kinetic Analyses. , 2010, , 259-278.		1
113	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
114	Composting clam processing wastes in a laboratory- and pilot-scale in-vessel system. <i>Waste Management</i> , 2009, 29, 180-185.	7.4	38
115	Enhancing Enzymatic Hydrolysis of Maize Stover by Bayer Process Sand Pretreatment. <i>Energy & Fuels</i> , 2009, 23, 2284-2289.	5.1	7
116	Enhancing anaerobic digestibility and phosphorus recovery of dairy manure through microwave-based thermochemical pretreatment. <i>Water Research</i> , 2009, 43, 3493-3502.	11.3	88
117	Alkali (NaOH) Pretreatment of Switchgrass by Radio Frequency-based Dielectric Heating. <i>Applied Biochemistry and Biotechnology</i> , 2008, 148, 71-81.	2.9	79
118	Surfactant-enhanced anaerobic acidogenesis of <i>Canna indica</i> L. by rumen cultures. <i>Bioresource Technology</i> , 2008, 99, 3418-3423.	9.6	24
119	Enhancing enzymatic digestibility of switchgrass by microwave-assisted alkali pretreatment. <i>Biochemical Engineering Journal</i> , 2008, 38, 369-378.	3.6	380
120	Microscale Analysis of <i>in Vitro</i> Anaerobic Degradation of Lignocellulosic Wastes by Rumen Microorganisms. <i>Environmental Science & Technology</i> , 2008, 42, 276-281.	10.0	60
121	Pretreatment of lignocellulocics-rich cattail by rumen microorganisms to enhance anaerobic digestion performance. , 2007, , .		0
122	Kinetic analysis of anaerobic digestion of cattail by rumen microbes in a modified UASB reactor. <i>Biochemical Engineering Journal</i> , 2007, 37, 219-225.	3.6	29
123	Anaerobic digestion of cattail by rumen cultures. <i>Waste Management</i> , 2006, 26, 1222-1228.	7.4	51
124	Application of response surface methodology for optimization of acidogenesis of cattail by rumen cultures. <i>Bioresource Technology</i> , 2006, 97, 2103-2109.	9.6	29
125	Influence of particle size and pH on anaerobic degradation of cellulose by ruminal microbes. <i>International Biodeterioration and Biodegradation</i> , 2005, 55, 233-238.	3.9	58
126	Application of rumen microorganisms for enhanced anaerobic fermentation of corn stover. <i>Process Biochemistry</i> , 2005, 40, 2371-2377.	3.7	98

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127	Anaerobic degradation of cellulose by rumen microorganisms at various pH values. Biochemical Engineering Journal, 2004, 21, 59-62.	3.6	92
128	Hydrogen Production from Rice Winery Wastewater by Using a Continuously-Stirred Reactor. Journal of Chemical Engineering of Japan, 2003, 36, 1147-1151.	0.6	31
129	High-rate anaerobic hydrolysis and acidogenesis of sewage sludge in a modified upflow reactor. Water Science and Technology, 2003, 48, 69-75.	2.5	73
130	Performance of an anaerobic filter treating soybean processing wastewater with and without effluent recycle. Process Biochemistry, 2002, 38, 507-513.	3.7	39
131	Effect of the dosage of ferroferric oxide on batch anaerobic treatment of high strength synthetic wastewater. , 0, 92, 152-158.		12
132	Ammonia and phosphorous precipitation through struvite crystallization from swine wastewater with high suspended solid. , 0, 116, 258-266.		9
133	Start-up of partial nitrification-Anammox (PN/A) process treating piggery wastewater. , 0, 180, 156-163.		3
134	Oxidative degradation of the antineoplastic drugs 5-fluorouracil and cytarabine in aqueous solution by potassium permanganate. , 0, 70, 339-346.		0