

Hongjian Lin

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

941
citations

430874

18
h-index

477307

29
g-index

45
all docs

45
docs citations

45
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Biohythane production from tofu processing residue via two-stage anaerobic digestion: operational conditions and microbial community dynamics. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 5469-5488.	4.6	1
2	Effective anodic sulfide removal catalyzed by single nickel atoms on nitrogen-doped graphene with stainless steel substrate. <i>Chemical Engineering Journal</i> , 2022, 427, 130963.	12.7	13
3	Combination of ultrasonic and acidic pretreatments for enhancing biohythane production from tofu processing residue via one-stage anaerobic digestion. <i>Bioresource Technology</i> , 2022, 344, 126244.	9.6	12
4	Impacts of molybdate and ferric chloride on biohythane production through two-stage anaerobic digestion of sulfate-rich hydrolyzed tofu processing residue. <i>Bioresource Technology</i> , 2022, 355, 127239.	9.6	15
5	Advances in technologies for in situ desulfurization of biogas. <i>Advances in Bioenergy</i> , 2022, , .	1.3	2
6	Research Progress in the Early Warning of Chicken Diseases by Monitoring Clinical Symptoms. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5601.	2.5	11
7	A pilot-scale study of electrocoagulation on phosphorus removal from animal manure and the economic analysis. <i>Biosystems Engineering</i> , 2022, 219, 205-217.	4.3	3
8	Facilitating solid-state anaerobic digestion of food waste via bio-electrochemical treatment. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 166, 112637.	16.4	2
9	Green Synthesis of Fe-Decorated Carbon Sphere/Nanosheet Derived from Bamboo for High-Performance Supercapacitor Application. <i>Energy & Fuels</i> , 2021, 35, 827-838.	5.1	25
10	Effects of Hydrothermal Pretreatment and Hydrochar Addition on the Performance of Pig Carcass Anaerobic Digestion. <i>Frontiers in Microbiology</i> , 2021, 12, 622235.	3.5	2
11	Electrochemical mitigation of hydrogen sulfide in deep-pit swine manure storage. <i>Science of the Total Environment</i> , 2021, 777, 146048.	8.0	18
12	Simultaneous phosphorus recovery, sulfide removal, and biogas production improvement in electrochemically assisted anaerobic digestion of dairy manure. <i>Science of the Total Environment</i> , 2021, 777, 146226.	8.0	14
13	Synthesis of Fe/N Co-doped Porous Carbon Spheres Derived from Corncob for Supercapacitors with High Performances. <i>Energy & Fuels</i> , 2021, 35, 14157-14168.	5.1	27
14	Anaerobic co-digestion of fish processing waste with a liquid fraction of hydrothermal carbonization of bamboo residue. <i>Bioresource Technology</i> , 2020, 297, 122542.	9.6	28
15	Low-voltage electrochemical treatment to precipitate sulfide during anaerobic digestion of beet sugar wastewater. <i>Science of the Total Environment</i> , 2020, 747, 141243.	8.0	10
16	Green Synthesis of Nitrogen-doped Porous Carbon Derived from Rice Straw for High-performance Supercapacitor Application. <i>Energy & Fuels</i> , 2020, 34, 8966-8976.	5.1	71
17	Electrocoagulation of Dairy Manure Using Low-Carbon Steel Electrodes for Phosphorus Removal. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, 04020044.	1.4	6
18	Electrochemical removal of hydrogen sulfide from swine manure. <i>Chemical Engineering Journal</i> , 2019, 356, 210-218.	12.7	21

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19	Study of food waste degradation in a simulated septic tank. <i>Waste Management and Research</i> , 2019, 37, 1199-1206.	3.9	5
20	Effect of ammonia concentration on hythane (H ₂ and CH ₄) production in two-phase anaerobic digestion. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 27297-27310.	7.1	18
21	Effect of bamboo hydrochar on anaerobic digestion of fish processing waste for biogas production. <i>Bioresource Technology</i> , 2019, 283, 340-349.	9.6	44
22	Phosphorus recovery from dairy manure wastewater by fungal biomass treatment. <i>Water and Environment Journal</i> , 2019, 33, 508-517.	2.2	11
23	The effects of electrocoagulation on phosphorus removal and particle settling capability in swine manure. <i>Separation and Purification Technology</i> , 2018, 200, 112-119.	7.9	30
24	Simulation of Hydrogen Sulfide Emission from Deep-Pit Manure Storage During Agitation. <i>Transactions of the ASABE</i> , 2018, 61, 1951-1967.	1.1	2
25	Modeling Power Generation and Energy Efficiencies in Air-Cathode Microbial Fuel Cells Based on Freter Equations. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1983.	2.5	9
26	Effect of hydrochar on anaerobic digestion of dead pig carcass after hydrothermal pretreatment. <i>Waste Management</i> , 2018, 78, 849-856.	7.4	59
27	Microbial electrochemical septic tanks (MESTs): An alternative configuration with improved performance and minimal modifications on conventional septic systems. <i>Biochemical Engineering Journal</i> , 2017, 120, 146-156.	3.6	9
28	In-depth observations of fermentative hydrogen production from liquid swine manure using an anaerobic sequencing batch reactor. <i>Journal of Integrative Agriculture</i> , 2017, 16, 1276-1285.	3.5	7
29	Hydrogen sulfide removal via appropriate metal ions dosing in anaerobic digestion. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1405-1416.	2.3	11
30	Electrochemical sulfide removal by low-cost electrode materials in anaerobic digestion. <i>Chemical Engineering Journal</i> , 2016, 297, 180-192.	12.7	40
31	Phosphorus removal and recovery from dairy manure by electrocoagulation. <i>RSC Advances</i> , 2016, 6, 57960-57968.	3.6	27
32	Electricity generation and nutrients removal from high-strength liquid manure by air-cathode microbial fuel cells. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 240-250.	1.7	18
33	Kinetics, equilibrium, and thermodynamics of ammonium sorption from swine manure by natural chabazite. <i>Separation Science and Technology</i> , 2016, 51, 202-213.	2.5	20
34	Evaluation of anaerobic co-digestion of dairy manure with food wastes via bio-methane potential assay and CSTR reactor. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2015, 50, 217-227.	1.5	14
35	Pilot-scale field study for ammonia removal from lagoon biogas using an acid wet scrubber. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 439-448.	1.5	12
36	Improved performance of microbial fuel cells enriched with natural microbial inocula and treated by electrical current. <i>Biomass and Bioenergy</i> , 2013, 54, 170-180.	5.7	21

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37	Optimization of continuous hydrogen production from co-fermenting molasses with liquid swine manure in an anaerobic sequencing batch reactor. <i>Bioresource Technology</i> , 2013, 136, 351-359.	9.6	26
38	Effect of trace contaminants on cold soak filterability of canola biodiesel. <i>Fuel</i> , 2011, 90, 1771-1777.	6.4	23
39	Implementing an In Situ Alkaline Transesterification Method for Canola Biodiesel Quality Screening. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2010, 87, 1351-1358.	1.9	26
40	Effect of fruit moving speed on predicting soluble solids content of 'Cuiguan' pears (Pomaceae). <i>Food Science and Technology</i> , 2009, 51, 86-90.	6.0	75
41	Theory and application of near infrared spectroscopy in assessment of fruit quality: a review. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2009, 3, 130-141.	1.5	74
42	Nondestructive determination of soluble solids content and pH in tomato juice using NIR transmittance spectroscopy. <i>Sensing and Instrumentation for Food Quality and Safety</i> , 2008, 2, 111-115.	1.5	16
43	Prediction of Enological Parameters and Discrimination of Rice Wine Age Using Least-Squares Support Vector Machines and Near Infrared Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 307-313.	5.2	44
44	Near-infrared transmittance spectroscopy for nondestructive determination of soluble solids content and pH in tomato juice. <i>Proceedings of SPIE</i> , 2007, , .	0.8	0
45	Phosphorus Removal and Recovery from Digestate after Biogas Production. , 0, , .		19