Hongjian Lin

List of Publications by Year
in descending order

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Version: 2024-02-01

45	941	430874	477307
papers	citations	18	29
		h-index	g-index

45	45	45	1135
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of fruit moving speed on predicting soluble solids content of â€˜Cuiguanâ€™ pears (Pomaceae) Tj ETQq1 1 0.784314 rgBT /Ov 2009, 51, 86-90.	6.0	75
2	Theory and application of near infrared spectroscopy in assessment of fruit quality: a review. Sensing and Instrumentation for Food Quality and Safety, 2009, 3, 130-141.	1.5	74
3	Green Synthesis of Nitrogen-doped Porous Carbon Derived from Rice Straw for High-performance Supercapacitor Application. Energy & Fuels, 2020, 34, 8966-8976.	5.1	71
4	Effect of hydrochar on anaerobic digestion of dead pig carcass after hydrothermal pretreatment. Waste Management, 2018, 78, 849-856.	7.4	59
5	Prediction of Enological Parameters and Discrimination of Rice Wine Age Using Least-Squares Support Vector Machines and Near Infrared Spectroscopy. Journal of Agricultural and Food Chemistry, 2008, 56, 307-313.	5.2	44
6	Effect of bamboo hydrochar on anaerobic digestion of fish processing waste for biogas production. Bioresource Technology, 2019, 283, 340-349.	9.6	44
7	Electrochemical sulfide removal by low-cost electrode materials in anaerobic digestion. Chemical Engineering Journal, 2016, 297, 180-192.	12.7	40
8	The effects of electrocoagulation on phosphorus removal and particle settling capability in swine manure. Separation and Purification Technology, 2018, 200, 112-119.	7.9	30
9	Anaerobic co-digestion of fish processing waste with a liquid fraction of hydrothermal carbonization of bamboo residue. Bioresource Technology, 2020, 297, 122542.	9.6	28
10	Phosphorus removal and recovery from dairy manure by electrocoagulation. RSC Advances, 2016, 6, 57960-57968.	3.6	27
11	Synthesis of Fe/N Co-doped Porous Carbon Spheres Derived from Corncob for Supercapacitors with High Performances. Energy & Fuels, 2021, 35, 14157-14168.	5.1	27
12	Implementing an In Situ Alkaline Transesterification Method for Canola Biodiesel Quality Screening. JAOCS, Journal of the American Oil Chemists' Society, 2010, 87, 1351-1358.	1.9	26
13	Optimization of continuous hydrogen production from co-fermenting molasses with liquid swine manure in an anaerobic sequencing batch reactor. Bioresource Technology, 2013, 136, 351-359.	9.6	26
14	Green Synthesis of Fe-Decorated Carbon Sphere/Nanosheet Derived from Bamboo for High-Performance Supercapacitor Application. Energy & Fuels, 2021, 35, 827-838.	5.1	25
15	Effect of trace contaminants on cold soak filterability of canola biodiesel. Fuel, 2011, 90, 1771-1777.	6.4	23
16	Improved performance of microbial fuel cells enriched with natural microbial inocula and treated by electrical current. Biomass and Bioenergy, 2013, 54, 170-180.	5.7	21
17	Electrochemical removal of hydrogen sulfide from swine manure. Chemical Engineering Journal, 2019, 356, 210-218.	12.7	21
18	Kinetics, equilibrium, and thermodynamics of ammonium sorption from swine manure by natural chabazite. Separation Science and Technology, 2016, 51, 202-213.	2.5	20

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19	Phosphorus Removal and Recovery from Digestate after Biogas Production. , 0, , .		19
20	Electricity generation and nutrients removal from high-strength liquid manure by air-cathode microbial fuel cells. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 240-250.	1.7	18
21	Effect of ammonia concentration on hythane (H2Âand CH4) production in two-phase anaerobic digestion. International Journal of Hydrogen Energy, 2019, 44, 27297-27310.	7.1	18
22	Electrochemical mitigation of hydrogen sulfide in deep-pit swine manure storage. Science of the Total Environment, 2021, 777, 146048.	8.0	18
23	Nondestructive determination of soluble solids content and pH in tomato juice using NIR transmittance spectroscopy. Sensing and Instrumentation for Food Quality and Safety, 2008, 2, 111-115.	1.5	16
24	Impacts of molybdate and ferric chloride on biohythane production through two-stage anaerobic digestion of sulfate-rich hydrolyzed tofu processing residue. Bioresource Technology, 2022, 355, 127239.	9.6	15
25	Evaluation of anaerobic co-digestion of dairy manure with food wastes via bio-methane potential assay and CSTR reactor. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2015, 50, 217-227.	1.5	14
26	Simultaneous phosphorus recovery, sulfide removal, and biogas production improvement in electrochemically assisted anaerobic digestion of dairy manure. Science of the Total Environment, 2021, 777, 146226.	8.0	14
27	Effective anodic sulfide removal catalyzed by single nickel atoms on nitrogen-doped graphene with stainless steel substrate. Chemical Engineering Journal, 2022, 427, 130963.	12.7	13
28	Pilotâ€scale field study for ammonia removal from lagoon biogas using an acid wet scrubber. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2014, 49, 439-448.	1.5	12
29	Combination of ultrasonic and acidic pretreatments for enhancing biohythane production from tofu processing residue via one-stage anaerobic digestion. Bioresource Technology, 2022, 344, 126244.	9.6	12
30	Hydrogen sulfide removal via appropriate metal ions dosing in anaerobic digestion. Environmental Progress and Sustainable Energy, 2017, 36, 1405-1416.	2.3	11
31	Phosphorus recovery from dairy manure wastewater by fungal biomass treatment. Water and Environment Journal, 2019, 33, 508-517.	2.2	11
32	Research Progress in the Early Warning of Chicken Diseases by Monitoring Clinical Symptoms. Applied Sciences (Switzerland), 2022, 12, 5601.	2.5	11
33	Low-voltage electrochemical treatment to precipitate sulfide during anaerobic digestion of beet sugar wastewater. Science of the Total Environment, 2020, 747, 141243.	8.0	10
34	Microbial electrochemical septic tanks (MESTs): An alternative configuration with improved performance and minimal modifications on conventional septic systems. Biochemical Engineering Journal, 2017, 120, 146-156.	3.6	9
35	Modeling Power Generation and Energy Efficiencies in Air-Cathode Microbial Fuel Cells Based on Freter Equations. Applied Sciences (Switzerland), 2018, 8, 1983.	2.5	9
36	In-depth observations of fermentative hydrogen production from liquid swine manure using an anaerobic sequencing batch reactor. Journal of Integrative Agriculture, 2017, 16, 1276-1285.	3.5	7

#	Article	IF	Citations
37	Electrocoagulation of Dairy Manure Using Low-Carbon Steel Electrodes for Phosphorus Removal. Journal of Environmental Engineering, ASCE, 2020, 146, 04020044.	1.4	6
38	Study of food waste degradation in a simulated septic tank. Waste Management and Research, 2019, 37, 1199-1206.	3.9	5
39	A pilot-scale study of electrocoagulation on phosphorus removal from animal manure and the economic analysis. Biosystems Engineering, 2022, 219, 205-217.	4.3	3
40	Simulation of Hydrogen Sulfide Emission from Deep-Pit Manure Storage During Agitation. Transactions of the ASABE, 2018, 61, 1951-1967.	1.1	2
41	Effects of Hydrothermal Pretreatment and Hydrochar Addition on the Performance of Pig Carcass Anaerobic Digestion. Frontiers in Microbiology, 2021, 12, 622235.	3.5	2
42	Advances in technologies for in situ desulfurization of biogas. Advances in Bioenergy, 2022, , .	1.3	2
43	Facilitating solid-state anaerobic digestion of food waste via bio-electrochemical treatment. Renewable and Sustainable Energy Reviews, 2022, 166, 112637.	16.4	2
44	Biohythane production from tofu processing residue via two-stage anaerobic digestion: operational conditions and microbial community dynamics. Biomass Conversion and Biorefinery, 2024, 14, 5469-5488.	4.6	1
45	Near-infrared transmittance spectroscopy for nondestructive determination of soluble solids content and pH in tomato juice. Proceedings of SPIE, 2007, , .	0.8	0