Lide Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/650553/publications.pdf

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19	702	932766	794141
papers	citations	10 h-index	19 g-index

20	20	20	849
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison on batch anaerobic digestion of five different livestock manures and prediction of biochemical methane potential (BMP) using different statistical models. Waste Management, 2016, 48, 492-502.	3.7	332
2	Evaluation of Wood Chip-Based Biofilters to Reduce Odor, Hydrogen Sulfide, and Ammonia from Swine Barn Ventilation Air. Journal of the Air and Waste Management Association, 2009, 59, 520-530.	0.9	67
3	Effect of feed to microbe ratios on anaerobic digestion of Chinese cabbage waste under mesophilic and thermophilic conditions: Biogas potential and kinetic study. Journal of Environmental Management, 2014, 133, 293-301.	3.8	59
4	Performance evaluation of a wood-chip based biofilter using solid-phase microextraction and gas chromatographyâ€“mass spectroscopyâ€“olfactometry. Bioresource Technology, 2008, 99, 7767-7780.	4.8	56
5	Technologies to recover nitrogen from livestock manure - A review. Science of the Total Environment, 2021, 784, 147098.	3.9	42
6	Field evaluation of wood bark-based down-flow biofilters for mitigation of odor, ammonia, and hydrogen sulfide emissions from confined swine nursery barns. Journal of Environmental Management, 2015, 147, 164-174.	3.8	30
7	Anaerobic digestion of Chinese cabbage waste silage with swine manure for biogas production: batch and continuous study. Environmental Technology (United Kingdom), 2014, 35, 2708-2717.	1.2	26
8	Non-airtight fermentation of sugar beet pulp with anaerobically digested dairy manure to provide acid-rich hydrolysate for mixotrophic microalgae cultivation. Bioresource Technology, 2019, 278, 175-179.	4.8	20
9	Electrochemical treatment of livestock waste streams. A review. Environmental Chemistry Letters, 2022, 20, 1863-1895.	8.3	15
10	Nutrient Reduction of Dairy Manure Through Solid-Liquid Separation with Flocculation and Subsequent Microalgal Treatment. Applied Biochemistry and Biotechnology, 2020, 190, 1425-1437.	1.4	13
11	Emissions of Odor, Ammonia, Hydrogen Sulfide, and Volatile Organic Compounds from Shallow-Pit Pig Nursery Rooms. Journal of Biosystems Engineering, 2014, 39, 76-86.	1.2	13
12	Microwave irradiated ammonia nitrogen removal from anaerobically digested liquid dairy manure: A response surface methodology and artificial neural network-based optimization and modeling. Journal of Environmental Chemical Engineering, 2022, 10, 108279.	3.3	7
13	Microalgae Cultivation Using Screened Liquid Dairy Manure Applying Different Folds of Dilution: Nutrient Reduction Analysis with Emphasis on Phosphorus Removal. Applied Biochemistry and Biotechnology, 2020, 192, 381-391.	1.4	6
14	On-Farm Testing of a Zeolite Filter to Capture Ammonia and Odors from a Dairy Manure Flushing System. Transactions of the ASABE, 2020, 63, 597-607.	1.1	5
15	Optimization and Modeling of Ammonia Nitrogen Removal from High Strength Synthetic Wastewater Using Vacuum Thermal Stripping. Processes, 2021, 9, 2059.	1.3	5
16	Non-airtight Fermentation of Dairy Manure with Waste Potato Peels and Subsequent Phosphorus Recovery via Struvite Precipitation. Applied Biochemistry and Biotechnology, 2020, 190, 789-802.	1.4	2
17	Dairy Manure Wastewater Remediation Using Non-airtight Digestion Pretreatment Followed by Microalgae Cultivation. Applied Biochemistry and Biotechnology, 2020, 192, 1093-1105.	1.4	2
18	Seasonal Ammonia Emissions from a Free-Stall Dairy in Central Texas. Journal of the Air and Waste Management Association, 2009, 59, 613-618.	0.2	1

#	Article	IF	Citations
19	Aerobic treatment of liquid swine manure using polymer: Evaluation for ammonia emissions reduction and nitrogen retention. Engineering in Agriculture, Environment and Food, 2016, 9, 257-263.	0.2	1