Bernadette K Mccabe

List of Publications by Year
in descending order

26 papers	542 citations	759233 12 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	708 citing authors

#	Article	IF	Citations
1	Review of pre-treatments used in anaerobic digestion and their potential application in high-fat cattle slaughterhouse wastewater. Applied Energy, 2015, 155, 560-575.	10.1	146
2	A case study for biogas generation from covered anaerobic ponds treating abattoir wastewater: Investigation of pond performance and potential biogas production. Applied Energy, 2014, 114, 798-808.	10.1	51
3	Effect of trace element addition and increasing organic loading rates on the anaerobic digestion of cattle slaughterhouse wastewater. Bioresource Technology, 2018, 264, 51-57.	9.6	48
4	Biogas recovery by anaerobic digestion of Australian agro-industry waste: A review. Journal of Cleaner Production, 2021, 299, 126876.	9.3	35
5	Investigating the impact of seasonal temperature variation on biogas production from covered anaerobic lagoons treating slaughterhouse wastewater using lab scale studies. Journal of Environmental Chemical Engineering, 2019, 7, 103077.	6.7	31
6	Evaluation of chemical, thermobaric and thermochemical pre-treatment on anaerobic digestion of high-fat cattle slaughterhouse waste. Bioresource Technology, 2017, 244, 605-610.	9.6	30
7	Biogas in the suburbs: An untapped source of clean energy?. Journal of Cleaner Production, 2019, 215, 1025-1035.	9.3	29
8	Microbial electrochemical sensors for volatile fatty acid measurement in high strength wastewaters: A review. Biosensors and Bioelectronics, 2020, 165, 112409.	10.1	23
9	Wastes to profit: a circular economy approach to value-addition in livestock industries. Animal Production Science, 2021, 61, 541.	1.3	22
10	Toward profitable and sustainable bioresource management in the Australian red meat processing industry: A critical review and illustrative case study. Critical Reviews in Environmental Science and Technology, 2020, 50, 2415-2439.	12.8	17
11	Impact of thermobaric pre-treatment on the continuous anaerobic digestion of high-fat cattle slaughterhouse waste. Biochemical Engineering Journal, 2018, 134, 108-113.	3.6	13
12	Bovine bile as a bio-surfactant pre-treatment option for anaerobic digestion of high-fat cattle slaughterhouse waste. Journal of Environmental Chemical Engineering, 2018, 6, 444-450.	6.7	12
13	Investigation into thin layer drying rates and equilibrium moisture content of abattoir paunch waste. Renewable Energy, 2018, 124, 95-102.	8.9	12
14	Immobilization of monocentric and polycentric types of anaerobic chytrid fungi in Ca-alginate. Enzyme and Microbial Technology, 2001, 29, 144-149.	3.2	11
15	Process Monitoring and Control for an Anaerobic Covered Lagoon Treating Abattoir Wastewater. Chemical Engineering and Technology, 2018, 41, 755-760.	1.5	11
16	Investigating wastewater modelling as a tool to predict anaerobic decomposition and biogas yield of abattoir effluent. Journal of Environmental Chemical Engineering, 2013, 1, 1375-1379.	6.7	10
17	Process Optimisation of Anaerobic Digestion Treating High-Strength Wastewater in the Australian Red Meat Processing Industry. Applied Sciences (Switzerland), 2020, 10, 7947.	2.5	9
18	An integrated approach to the use of complementary visual learning tools in an undergraduate microbiology class. Journal of Biological Education, 2011, 45, 236-243.	1.5	8

#	Article	IF	Citations
19	Production of Î²-glucosidase using immobilised Piromyces sp. KSX1 and Orpinomyces sp. 478P1 in repeat-batch culture. Journal of Industrial Microbiology and Biotechnology, 2003, 30, 205-209.	3.0	6
20	An Investigation into the Fertilizer Potential of Slaughterhouse Cattle Paunch. Transactions of the ASABE, 2018, 61, 87-101.	1.1	6
21	Field measurements of fugitive methane emissions from three Australian waste management and biogas facilities. Waste Management, 2022, 137, 294-303.	7.4	3
22	&lt;i&gt;Bioenergy and bioproducts in the Australian red meat processing industry: A case study&lt;/i&gt;. , 2018, , .		2
23	Long-term land application of slaughterhouse cattle paunch effects on soil properties. , 2019, , .		2
24	Identification and analysis of organic waste produced from Australian intensive livestock industries: opportunities for aggregation and treatment via co-digestion. , 2019, , .		2
25	<i>Bioresource recovery in the Australian red meat processing industry: a technical review of strategies for increased circularity</i>. , 2020, , .		2
26	Parallels of Lived Experiences in Learning: A Scientist Learning Qualitative Research and Nurses Learning Science. International Journal of Pedagogies and Learning, 2007, 3, 13-20.	0.3	1