

Bernadette K Mccabe

List of Publications by Year in descending order

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Version: 2024-02-01

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	Field measurements of fugitive methane emissions from three Australian waste management and biogas facilities. <i>Waste Management</i> , 2022, 137, 294-303.	7.4	3
2	Wastes to profit: a circular economy approach to value-addition in livestock industries. <i>Animal Production Science</i> , 2021, 61, 541.	1.3	22
3	Biogas recovery by anaerobic digestion of Australian agro-industry waste: A review. <i>Journal of Cleaner Production</i> , 2021, 299, 126876.	9.3	35
4	<i>>Biorecovery in the Australian red meat processing industry: a technical review of strategies for increased circularity</i>, 2020, , .		2
5	Process Optimisation of Anaerobic Digestion Treating High-Strength Wastewater in the Australian Red Meat Processing Industry. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7947.	2.5	9
6	Toward profitable and sustainable biorecovery management in the Australian red meat processing industry: A critical review and illustrative case study. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 2415-2439.	12.8	17
7	Microbial electrochemical sensors for volatile fatty acid measurement in high strength wastewaters: A review. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112409.	10.1	23
8	Investigating the impact of seasonal temperature variation on biogas production from covered anaerobic lagoons treating slaughterhouse wastewater using lab scale studies. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103077.	6.7	31
9	Long-term land application of slaughterhouse cattle paunch effects on soil properties. , 2019, , .		2
10	Identification and analysis of organic waste produced from Australian intensive livestock industries: opportunities for aggregation and treatment via co-digestion. , 2019, , .		2
11	Biogas in the suburbs: An untapped source of clean energy?. <i>Journal of Cleaner Production</i> , 2019, 215, 1025-1035.	9.3	29
12	Impact of thermobaric pre-treatment on the continuous anaerobic digestion of high-fat cattle slaughterhouse waste. <i>Biochemical Engineering Journal</i> , 2018, 134, 108-113.	3.6	13
13	Process Monitoring and Control for an Anaerobic Covered Lagoon Treating Abattoir Wastewater. <i>Chemical Engineering and Technology</i> , 2018, 41, 755-760.	1.5	11
14	Bovine bile as a bio-surfactant pre-treatment option for anaerobic digestion of high-fat cattle slaughterhouse waste. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 444-450.	6.7	12
15	Investigation into thin layer drying rates and equilibrium moisture content of abattoir paunch waste. <i>Renewable Energy</i> , 2018, 124, 95-102.	8.9	12
16	<i>>Bioenergy and bioproducts in the Australian red meat processing industry: A case study</i>, 2018, , .		2
17	An Investigation into the Fertilizer Potential of Slaughterhouse Cattle Paunch. <i>Transactions of the ASABE</i> , 2018, 61, 87-101.	1.1	6
18	Effect of trace element addition and increasing organic loading rates on the anaerobic digestion of cattle slaughterhouse wastewater. <i>Bioresource Technology</i> , 2018, 264, 51-57.	9.6	48

#	ARTICLE	IF	CITATIONS
19	Evaluation of chemical, thermobaric and thermochemical pre-treatment on anaerobic digestion of high-fat cattle slaughterhouse waste. <i>Bioresource Technology</i> , 2017, 244, 605-610.	9.6	30
20	Review of pre-treatments used in anaerobic digestion and their potential application in high-fat cattle slaughterhouse wastewater. <i>Applied Energy</i> , 2015, 155, 560-575.	10.1	146
21	A case study for biogas generation from covered anaerobic ponds treating abattoir wastewater: Investigation of pond performance and potential biogas production. <i>Applied Energy</i> , 2014, 114, 798-808.	10.1	51
22	Investigating wastewater modelling as a tool to predict anaerobic decomposition and biogas yield of abattoir effluent. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 1375-1379.	6.7	10
23	An integrated approach to the use of complementary visual learning tools in an undergraduate microbiology class. <i>Journal of Biological Education</i> , 2011, 45, 236-243.	1.5	8
24	Parallels of Lived Experiences in Learning: A Scientist Learning Qualitative Research and Nurses Learning Science. <i>International Journal of Pedagogies and Learning</i> , 2007, 3, 13-20.	0.3	1
25	Production of Î²-glucosidase using immobilised <i>Piromyces</i> sp. KSX1 and <i>Orpinomyces</i> sp. 478P1 in repeat-batch culture. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2003, 30, 205-209.	3.0	6
26	Immobilization of monocentric and polycentric types of anaerobic chytrid fungi in Ca-alginate. <i>Enzyme and Microbial Technology</i> , 2001, 29, 144-149.	3.2	11