

Jonathan Te Lee

List of Publications by Year in descending order

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19
papers

1,176
citations

623188

14
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

1262
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioaugmentation strategies via acclimatized microbial consortia for bioenergy production. , 2022, , 179-214.		2
2	Strategies for enhanced microbial fermentation processes. , 2022, , 1-24.		1
3	Methanosarcina thermophila bioaugmentation and its synergy with biochar growth support particles versus polypropylene microplastics in thermophilic food waste anaerobic digestion. Bioresource Technology, 2022, 360, 127531.	4.8	9
4	Bioaugmentation of Methanosarcina thermophila grown on biochar particles during semi-continuous thermophilic food waste anaerobic digestion under two different bioaugmentation regimes. Bioresource Technology, 2022, 360, 127590.	4.8	4
5	Influence of wet oxidation pretreatment with hydrogen peroxide and addition of clarified manure on anaerobic digestion of oil palm empty fruit bunches. Bioresource Technology, 2021, 332, 125033.	4.8	11
6	Biochar utilisation in the anaerobic digestion of food waste for the creation of a circular economy via biogas upgrading and digestate treatment. Bioresource Technology, 2021, 333, 125190.	4.8	40
7	Timing of biochar dosage for anaerobic digestion treating municipal leachate: Altered conversion pathways of volatile fatty acids. Bioresource Technology, 2021, 335, 125283.	4.8	28
8	Current status of biogas upgrading for direct biomethane use: A review. Renewable and Sustainable Energy Reviews, 2021, 149, 111343.	8.2	149
9	Life cycle assessment of food waste to energy and resources: Centralized and decentralized anaerobic digestion with different downstream biogas utilization. Renewable and Sustainable Energy Reviews, 2021, 150, 111489.	8.2	68
10	Food-waste anaerobic digestate as a fertilizer: The agronomic properties of untreated digestate and biochar-filtered digestate residue. Waste Management, 2021, 136, 143-152.	3.7	41
11	Improving methane yield of oil palm empty fruit bunches by wet oxidation pretreatment: Mesophilic and thermophilic anaerobic digestion conditions and the associated global warming potential effects. Energy Conversion and Management, 2020, 225, 113438.	4.4	35
12	Biochar enhanced thermophilic anaerobic digestion of food waste: Focusing on biochar particle size, microbial community analysis and pilot-scale application. Energy Conversion and Management, 2020, 209, 112654.	4.4	125
13	Closing the food waste loop: Food waste anaerobic digestate as fertilizer for the cultivation of the leafy vegetable, xiao bai cai (Brassica rapa). Science of the Total Environment, 2020, 715, 136789.	3.9	83
14	Optimization of bioaugmentation of the anaerobic digestion of Axonopus compressus cowgrass for the production of biomethane. Journal of Cleaner Production, 2020, 258, 120932.	4.6	20
15	Environmental impact comparison of four options to treat the cellulosic fraction of municipal solid waste (CF-MSW) in green megacities. Waste Management, 2018, 78, 677-685.	3.7	17
16	Enhancement of biogas production in anaerobic co-digestion of food waste and waste activated sludge by biological co-pretreatment. Energy, 2017, 137, 479-486.	4.5	114
17	Three-stage anaerobic co-digestion of food waste and horse manure. Scientific Reports, 2017, 7, 1269.	1.6	69
18	Acclimatization of a mixed-animal manure inoculum to the anaerobic digestion of Axonopus compressus reveals the putative importance of Mesotoga infera and Methanosaeta concilii as elucidated by DGGE and Illumina MiSeq. Bioresource Technology, 2017, 245, 1148-1154.	4.8	34

#	ARTICLE	IF	CITATIONS
19	A comprehensive review on operating parameters and different pretreatment methodologies for anaerobic digestion of municipal solid waste. Renewable and Sustainable Energy Reviews, 2015, 52, 142-154.	8.2	326