

Jonathan Te Lee

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,176
citations

623574

14
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

1262
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on operating parameters and different pretreatment methodologies for anaerobic digestion of municipal solid waste. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 52, 142-154.	8.2	326
2	Current status of biogas upgrading for direct biomethane use: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 149, 111343.	8.2	149
3	Biochar enhanced thermophilic anaerobic digestion of food waste: Focusing on biochar particle size, microbial community analysis and pilot-scale application. <i>Energy Conversion and Management</i> , 2020, 209, 112654.	4.4	125
4	Enhancement of biogas production in anaerobic co-digestion of food waste and waste activated sludge by biological co-pretreatment. <i>Energy</i> , 2017, 137, 479-486.	4.5	114
5	Closing the food waste loop: Food waste anaerobic digestate as fertilizer for the cultivation of the leafy vegetable, xiao bai cai (<i>Brassica rapa</i>). <i>Science of the Total Environment</i> , 2020, 715, 136789.	3.9	83
6	Three-stage anaerobic co-digestion of food waste and horse manure. <i>Scientific Reports</i> , 2017, 7, 1269.	1.6	69
7	Life cycle assessment of food waste to energy and resources: Centralized and decentralized anaerobic digestion with different downstream biogas utilization. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 150, 111489.	8.2	68
8	Food-waste anaerobic digestate as a fertilizer: The agronomic properties of untreated digestate and biochar-filtered digestate residue. <i>Waste Management</i> , 2021, 136, 143-152.	3.7	41
9	Biochar utilisation in the anaerobic digestion of food waste for the creation of a circular economy via biogas upgrading and digestate treatment. <i>Bioresource Technology</i> , 2021, 333, 125190.	4.8	40
10	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. <i>Energy Conversion and Management</i> , 2020, 225, 113438.	4.4	35
11	Acclimatization of a mixed-animal manure inoculum to the anaerobic digestion of <i>Axonopus compressus</i> reveals the putative importance of <i>Mesotoga infera</i> and <i>Methanosaeta concilii</i> as elucidated by DGGE and Illumina MiSeq. <i>Bioresource Technology</i> , 2017, 245, 1148-1154.	4.8	34
12	Timing of biochar dosage for anaerobic digestion treating municipal leachate: Altered conversion pathways of volatile fatty acids. <i>Bioresource Technology</i> , 2021, 335, 125283.	4.8	28
13	Optimization of bioaugmentation of the anaerobic digestion of <i>Axonopus compressus</i> cowgrass for the production of biomethane. <i>Journal of Cleaner Production</i> , 2020, 258, 120932.	4.6	20
14	Environmental impact comparison of four options to treat the cellulosic fraction of municipal solid waste (CF-MSW) in green megacities. <i>Waste Management</i> , 2018, 78, 677-685.	3.7	17
15	Influence of wet oxidation pretreatment with hydrogen peroxide and addition of clarified manure on anaerobic digestion of oil palm empty fruit bunches. <i>Bioresource Technology</i> , 2021, 332, 125033.	4.8	11
16	<i>Methanosarcina thermophila</i> bioaugmentation and its synergy with biochar growth support particles versus polypropylene microplastics in thermophilic food waste anaerobic digestion. <i>Bioresource Technology</i> , 2022, 360, 127531.	4.8	9
17	Bioaugmentation of <i>Methanosarcina thermophila</i> grown on biochar particles during semi-continuous thermophilic food waste anaerobic digestion under two different bioaugmentation regimes. <i>Bioresource Technology</i> , 2022, 360, 127590.	4.8	4
18	Bioaugmentation strategies via acclimatized microbial consortia for bioenergy production. , 2022, , 179-214.		2

#	ARTICLE	IF	CITATIONS
19	Strategies for enhanced microbial fermentation processes. , 2022, , 1-24.		1