

Aiduan Borrion

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7118427/publications.pdf>

Version: 2024-02-01

15
papers

1,053
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1575
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping synergies and trade-offs between energy and the Sustainable Development Goals. <i>Nature Energy</i> , 2018, 3, 10-15.	39.5	639
2	Current status of food waste generation and management in China. <i>Bioresource Technology</i> , 2019, 273, 654-665.	9.6	117
3	Impact of metallic nanoparticles on anaerobic digestion: A systematic review. <i>Science of the Total Environment</i> , 2021, 757, 143747.	8.0	56
4	Process characteristics for microwave assisted hydrothermal carbonization of cellulose. <i>Bioresource Technology</i> , 2018, 259, 91-98.	9.6	49
5	Expanding the anaerobic digestion map: A review of intermediates in the digestion of food waste. <i>Science of the Total Environment</i> , 2021, 767, 144265.	8.0	34
6	Effects of organic composition on the anaerobic biodegradability of food waste. <i>Bioresource Technology</i> , 2017, 243, 836-845.	9.6	33
7	The Use of Life Cycle-Based Approaches in the Food Service Sector to Improve Sustainability: A Systematic Review. <i>Sustainability</i> , 2020, 12, 3504.	3.2	30
8	Life cycle assessment of electricity generation from sugarcane bagasse hydrochar produced by microwave assisted hydrothermal carbonization. <i>Journal of Cleaner Production</i> , 2021, 291, 125980.	9.3	23
9	Closed-loop organic waste management systems for family farmers in Brazil. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 2252-2269.	2.2	14
10	Life cycle assessment of a biogas system for cassava processing in Brazil to close the loop in the water-waste-energy-food nexus. <i>Journal of Cleaner Production</i> , 2021, 299, 126861.	9.3	14
11	Regionalized Strategies for Food Loss and Waste Management in Spain under a Life Cycle Thinking Approach. <i>Foods</i> , 2020, 9, 1765.	4.3	13
12	Development of LCA Calculator to support community infrastructure co-design. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 1209-1221.	4.7	10
13	Embedding Circular Economy Principles into Urban Regeneration and Waste Management: Framework and Metrics. <i>Sustainability</i> , 2022, 14, 1293.	3.2	10
14	Global Environmental Engineering for and with Historically Marginalized Communities. <i>Environmental Engineering Science</i> , 2021, 38, 285-287.	1.6	7
15	What do changing weather and climate shocks and stresses mean for the UK food system?. <i>Environmental Research Letters</i> , 2022, 17, 051001.	5.2	4