

Multi-criteria research lines on livestock manure biorefinery in a circular economy: From the perspective of a life cycle assessment and management strategies

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Multifunctional applications of bamboo crop beyond environmental management: an Indian perspective. <i>Bioengineered</i> , 2022, 13, 8893-8914.	1.4	34
2	Black soldier fly larvae for organic manure recycling and its potential for a circular bioeconomy: A review. <i>Science of the Total Environment</i> , 2022, 833, 155122.	3.9	40
3	Genetic manipulation strategies for ethanol production from bioconversion of lignocellulose waste. <i>Bioresource Technology</i> , 2022, 352, 127105.	4.8	27
4	Enhanced biogas production from food waste and activated sludge using advanced techniques – A review. <i>Bioresource Technology</i> , 2022, 355, 127234.	4.8	52
5	Reuse of agricultural wastes, manure, and biochar as an organic amendment: A review on its implications for vermicomposting technology. <i>Journal of Cleaner Production</i> , 2022, 360, 132200.	4.6	32
6	Evaluation of gaseous and solid waste in fermentation bedding system and its impact on animal performance: A study of breeder ducks in winter. <i>Science of the Total Environment</i> , 2022, 836, 155672.	3.9	4
7	Effects of different additives and aerobic composting factors on heavy metal bioavailability reduction and compost parameters: A meta-analysis. <i>Environmental Pollution</i> , 2022, 307, 119549.	3.7	11
8	Role of plant growth-promoting rhizobacteria in boosting the phytoremediation of stressed soils: Opportunities, challenges, and prospects. <i>Chemosphere</i> , 2022, 303, 134954.	4.2	68
9	Mobilization of contaminants: Potential for soil remediation and unintended consequences. <i>Science of the Total Environment</i> , 2022, 839, 156373.	3.9	43
10	Alleviating “inhibited steady-state” in anaerobic digestion of poultry manure by bentonite amendment: Performance evaluation and microbial mechanism. <i>Bioresource Technology</i> , 2022, 360, 127519.	4.8	5
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12	A comprehensive review on recent advancements in biodegradation and sustainable management of biopolymers. <i>Environmental Pollution</i> , 2022, 307, 119600.	3.7	45
13	Review on fate and bioavailability of heavy metals during anaerobic digestion and composting of animal manure. <i>Waste Management</i> , 2022, 150, 75-89.	3.7	51
14	Recent trends and advances in composting and vermicomposting technologies: A review. <i>Bioresource Technology</i> , 2022, 360, 127591.	4.8	47
15	Magnesite driven the complementary effects of core fungi by optimizing the physicochemical parameters in pig manure composting. <i>Bioresource Technology</i> , 2022, 360, 127541.	4.8	13
16	Predicting sludge generation patterns and carbon reduction potential under Shared Socioeconomic Pathways. <i>Journal of Environmental Management</i> , 2022, 322, 116088.	3.8	3
17	Biochar application for greenhouse gas mitigation, contaminants immobilization and soil fertility enhancement: A state-of-the-art review. <i>Science of the Total Environment</i> , 2022, 853, 158562.	3.9	76
18	Exploring the impact of biochar supplement on the dynamics of antibiotic resistant fungi during pig manure composting. <i>Environmental Pollution</i> , 2022, 314, 120235.	3.7	6

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19	Greenhouse gas reduction and nitrogen conservation during manure composting by combining biochar with wood vinegar. <i>Journal of Environmental Management</i> , 2022, 324, 116349.	3.8	15
20	Application of Vibrating Reverse Osmosis Technology for Nutrient Recovery from Pig Slurry in a Circular Economy Model. <i>Membranes</i> , 2022, 12, 848.	1.4	3
21	The potential of animal manure management pathways toward a circular economy: a bibliometric analysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 73599-73621.	2.7	8
22	Insights into the diversity of cow milk production systems on the fringes of coastal cities in West Africa: A case study from Benin. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	1.8	4
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24	Effects of different treatments of manure on mitigating methane emissions during storage and preserving the methane potential for anaerobic digestion. <i>Journal of Environmental Management</i> , 2023, 325, 116456.	3.8	1
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28	Quantifying farm-to-fork greenhouse gas emissions for five dietary patterns across Europe and North America: A pooled analysis from 2009 to 2020. <i>Resources, Environment and Sustainability</i> , 2023, 12, 100108.	2.9	4
29	Effects of different gasification biochar grain size on greenhouse gases and ammonia emissions in municipal aerated composting processes. <i>Journal of Environmental Management</i> , 2023, 331, 117257.	3.8	4
30	Potential of <i>Staphylea holocarpa</i> Wood for Renewable Bioenergy. <i>Molecules</i> , 2023, 28, 299.	1.7	0
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32	Additive facilitated co-composting of lignocellulosic biomass waste, approach towards minimizing greenhouse gas emissions: An up to date review. <i>Environmental Research</i> , 2023, 224, 115529.	3.7	14
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50	A thematic review on livestock manure treatment strategies focusing on thermochemical conversion. Environmental Science and Pollution Research, 0, , .	2.7	0
60	Novel animal waste management techniques. , 2024, , 243-264.		0
63	Reducing arable greenhouse gas emissions for sustainability. , 2024, , 137-162.		0