

# Leandro Janke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8753453/publications.pdf>

Version: 2024-02-01

18  
papers

649  
citations

567247

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h-index

888047

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18  
all docs

18  
docs citations

18  
times ranked

715  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogas Production from Sugarcane Waste: Assessment on Kinetic Challenges for Process Designing. International Journal of Molecular Sciences, 2015, 16, 20685-20703.	4.1	146
2	Enhancing biogas production from vinasse in sugarcane biorefineries: Effects of urea and trace elements supplementation on process performance and stability. Bioresource Technology, 2016, 217, 10-20.	9.6	60
3	Improving anaerobic digestion of sugarcane straw for methane production: Combined benefits of mechanical and sodium hydroxide pretreatment for process designing. Energy Conversion and Management, 2017, 141, 378-389.	9.2	50
4	Comparison of start-up strategies and process performance during semi-continuous anaerobic digestion of sugarcane filter cake co-digested with bagasse. Waste Management, 2016, 48, 199-208.	7.4	47
5	Beyond Sugar and Ethanol Production: Value Generation Opportunities Through Sugarcane Residues. Frontiers in Energy Research, 2020, 8, .	2.3	47
6	Improved Monitoring of Semi-Continuous Anaerobic Digestion of Sugarcane Waste: Effects of Increasing Organic Loading Rate on Methanogenic Community Dynamics. International Journal of Molecular Sciences, 2015, 16, 23210-23226.	4.1	42
7	Optimization of hydrolysis and volatile fatty acids production from sugarcane filter cake: Effects of urea supplementation and sodium hydroxide pretreatment. Bioresource Technology, 2016, 199, 235-244.	9.6	42
8	Incorporation of gypsum waste in ceramic block production: Proposal for a minimal battery of tests to evaluate technical and environmental viability of this recycling process. Waste Management, 2012, 32, 153-157.	7.4	35
9	Assessment of the Variations in Characteristics and Methane Potential of Major Waste Products from the Brazilian Bioethanol Industry along an Operating Season. Energy & Fuels, 2015, 29, 4022-4029.	5.1	33
10	Optimization of semi-continuous anaerobic digestion of sugarcane straw co-digested with filter cake: Effects of macronutrients supplementation on conversion kinetics. Bioresource Technology, 2017, 245, 35-43.	9.6	32
11	Ensiling fermentation reveals pre-treatment effects for anaerobic digestion of sugarcane biomass: An assessment of ensiling additives on methane potential. Bioresource Technology, 2019, 279, 398-403.	9.6	32
12	Year-round biogas production in sugarcane biorefineries: Process stability, optimization and performance of a two-stage reactor system. Energy Conversion and Management, 2018, 168, 188-199.	9.2	19
13	Lessons learned from the microbial ecology resulting from different inoculation strategies for biogas production from waste products of the bioethanol/sugar industry. Biotechnology for Biofuels, 2016, 9, 144.	6.2	18
14	Pre-treatment of filter cake for anaerobic digestion in sugarcane biorefineries: Assessment of batch versus semi-continuous experiments. Renewable Energy, 2019, 143, 1416-1426.	8.9	18
15	Optimizing power-to-H2 participation in the Nord Pool electricity market: Effects of different bidding strategies on plant operation. Renewable Energy, 2020, 156, 820-836.	8.9	16
16	Enhancing anaerobic digestion of chicken manure leachate: Effects of trace elements supplementation on methane production. Bioresource Technology Reports, 2021, 14, 100662.	2.7	7
17	Development and application of a methodology for a clean development mechanism to avoid methane emissions in closed landfills. Environmental Technology (United Kingdom), 2013, 34, 2607-2616.	2.2	3
18	Perennial and Intercrop Legumes as Energy Crops for Biogas Production. , 2018, , 139-171.		2