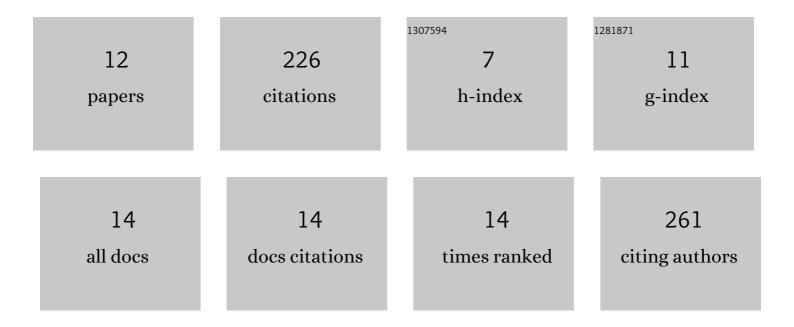
## Vijayalakshmi Arelli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11968025/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Anaerobic Co-digestion of Biogenic Wastes Available at Palm Oil Extraction Factory: Assessment of Methane Yield, Estimation of Kinetic Parameters and Understanding the Microbial Diversity. Bioenergy Research, 2023, 16, 213-227.	3.9	4
2	Improved biomethanation of horse manure through acid-thermal pretreatment and supplementation of iron nanoparticles under mesophilic and thermophilic conditions. Biomass Conversion and Biorefinery, 2022, 12, 2993-3006.	4.6	2
3	Solid state anaerobic digestion of organic waste for the generation of biogas and bio manure. , 2022, , 247-277.		5
4	Removal of NH <sub>3</sub> and H <sub>2</sub> S from odor causing tannery emissions using biological filters: Impact of operational strategy on the performance of a pilot-scale bio-filter. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 625-634.	1.7	5
5	Understanding the substrate mediated microbial community shift within the anaerobic ecosystems via 16S metagenomic studies. Bioresource Technology Reports, 2021, 15, 100793.	2.7	3
6	Solid-state anaerobic digestion of sugarcane bagasse at different solid concentrations: Impact of bio augmented cellulolytic bacteria on methane yield and insights on microbial diversity. Bioresource Technology, 2021, 340, 125675.	9.6	13
7	Solid state anaerobic digestion of food waste and sewage sludge: Impact of mixing ratios and temperature on microbial diversity, reactor stability and methane yield. Science of the Total Environment, 2021, 793, 148586.	8.0	31
8	Operational strategy of high rate anaerobic digester with mixed organic wastes: effect of co-digestion on biogas yield at full scale. Environmental Technology (United Kingdom), 2020, 41, 1151-1159.	2.2	15
9	Anaerobic mono and co-digestion of organic fraction of municipal solid waste and landfill leachate at industrial scale: Impact of volatile organic loading rate on reaction kinetics, biogas yield and microbial diversity. Science of the Total Environment, 2020, 748, 142462.	8.0	18
10	Significance of Pretreatment in Enhancing the Performance of Dry Anaerobic Digestion of Food Waste: An Insight on Full Scale Implementation Strategy with Theoretical Analogy. Processes, 2020, 8, 1018.	2.8	11
11	Dry anaerobic co-digestion of food waste and cattle manure: Impact of total solids, substrate ratio and thermal pre treatment on methane yield and quality of biomanure. Bioresource Technology, 2018, 253, 273-280.	9.6	68
12	Rapid generation of volatile fatty acids (VFA) through anaerobic acidification of livestock organic waste at low hydraulic residence time (HRT). Bioresource Technology, 2017, 238, 188-193.	9.6	50