

The biogas plant is the hub of the circular economy. Streams of materials previously regarded as waste, from industrial processes, water management and agriculture can be channelled through biogas digesters and ...

1. Introduction In recent years, the concept of circular economy (CE) has gained significant attention as a sustainable alternative to the traditional linear economic model. Globally, our ...

This study introduces the concept of a "circular economy of belonging", that links institutional quality, social inclusion and environmental sustainability. The study explores the short- and ...

Over the past few years, we have made substantial progress integrating circular economy (CE) principles across policies and industrial systems. Yet, when one looks closer, many of the ...

As the global demand for polylactic acid (PLA), a biodegradable plastic, continues to increase, both its production and consumption have been increasing steadily each year. This growth ...

For this reason the Sustainable, Circular Management and Environmental Engineering is a potential frame for natural resource development leading to social cohesion, economic competitiveness and stability, use of ...

This paper examines sustainable solutions for the recycling, compounding, and valorizing of food byproducts for reintroduction into the industrial chain and circular economy, which are ...

Advancing Sustainable Services: Circular Economy, Technology, and Future Directions The Special Issue aims to enrich the existing literature on the intersection of service quality, ...

This study evaluates the conditions of the industrial safety and business management variables in the implementation of circular economy projects to determine risks, possible improvements, ...

The urgent global need for sustainable energy, water, and climate solutions requires bold, integrated strategies. This study introduces a transformative framework that pioneers the co ...

Moving forward, tailored approaches considering the unique characteristics of different nanofiller types will be crucial for establishing effective recycling protocols and advancing towards a ...

Based on the literature, this study aims to identify the possibility of implementing a circular economy at the level of the pharmaceutical industry, especially water consumption, which is ...



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