1. Record Nr. UNISA990002967720203316

Autore	International Conference, FSKD 2006 : <3. ; : Xi'an>
Titolo	Fuzzy Systems and knowledge discovery : 3rd International Conference, FSKD 2006 : Xi'an, China, September 24-28, 2006 / Lipo Wang...[et al.] (Eds.) : proceedings
Pubbl/distr/stampa	Berlin [etc.] : Springer, copyr. 2007
ISBN	3-540-45916-2
Descrizione fisica	XXVIII, 1337 p. : ill. ; 24 cm.
Collana	Lecture notes in artificial intelligence ; 4223 Lecture notes in computer science
Disciplina	006.3
Soggetti	Informatica - Sistemi esperti - Congressi - Xi'an - 2006 Intelligenza artificiale - Congressi - Xi'an - 2006
Collocazione	006.3 LNAI 4223
Lingua di pubblicazione	Inglese
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2.

Record Nr.	UNINA9910918601003321
Autore	Anouzla Abdelkader
Titolo	Generation of Energy from Municipal Solid Waste : Circular Economy and Sustainability / / edited by Abdelkader Anouzla, Salah Souabi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031743344 9783031743337
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (400 pages)
Altri autori (Persone)	SouabiSalah
Disciplina	333.7
Soggetti	Environmental management Refuse and refuse disposal Pollution Renewable energy sources Environmental chemistry Sustainability Environmental Management Waste Management/Waste Technology Renewable Energy Environmental Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Valorisation of animal waste for energy and material recovery -- Chapter 2. Waste Valorization Techniques -- Chapter 3. Wastes as novel source of energy: Technical and economic aspects -- Chapter 4. Business model of resident participation based sustainable bioreactor landfill gas case study of the city of depok -- Chapter 5. Municipal Solid Waste Management: Waste to energy technologies versus composting – Two sustainable development models -- Chapter 6. Sustainable Energy Generation from Municipal Wastewater using High-Rate Activated Sludge process -- Chapter 7. A Proposed Model for Energy Generation from MSW of Kolkata through Gasification Route -- Chapter 8. Gasification of Municipal Solid Waste -- Chapter 9. Thermal Modeling and Analysis of a Novel CHP Plant Employing Solid

Oxide Fuel Cell and MSW Gasification -- Chapter 10. Recovery potential of municipal solid waste for hydrogen generation -- Chapter 11. Estimation of Methane Gas Emissions from Municipal Landfill Sites: A Comparative Review on the Existing Models -- Chapter 12. Prospective Energy Production from Incineration: A Brief Overview on Different Types of Energy Produced by Incineration -- Chapter 13. Biogas purification, upgrading and utilization: Focusing on biological systems -- Chapter 14. Biogas production from municipal solid waste (MSW) insights into feedstock preparation and upgrading techniques -- Chapter 15. Enhancing Circular Economy and Waste Management in Zanzibar by Leveraging Young Entrepreneurship and Innovation -- Chapter 16. Unlocking the Green Hydrogen Potential of Brazilian Landfills: Techno-economic Feasibility and Sustainable Applications -- Chapter 17. Emerging Environmental Contaminants from Landfills.

Sommario/riassunto

This book endeavors to critically assess and analyze the latent energy potential inherent within waste materials, thereby reframing the conventional perception of garbage from being solely a detrimental source of environmental pollution to being recognized as a viable and sustainable energy source. Furthermore, this book provides an extensive and meticulously curated database that serves as an invaluable resource to guide stakeholders in selecting the most appropriate and effective methodologies for waste disposal, whilst facilitating the generation of renewable energy that can significantly contribute to energy sustainability. In undertaking this comprehensive evaluation, the book highlights the transformative possibilities of waste management practices. It underscores the broader implications for environmental conservation and the advancement of renewable energy technologies in contemporary society. The text comprises 17 chapters on waste management with clean energy generation (heat, CH4, H2, diesel, petrol, methanol, ethanol, etc.) that experts in the field have suggested. Energy from trash may be recovered, which results in a decrease in greenhouse gas emissions and the creation of new recovery technologies. Lowering environmental pollution is an intelligent approach to ensure national energy security and combat the trend toward global warming.

3. Record Nr. UNINA9911010574003321

Autore	Li Longbiao
Titolo	Aeronautics
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