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Titolo	Recycling of Solid Waste for Biofuels and Bio-chemicals // edited by Obulisamy Parthiba Karthikeyan, Kirsten Heimann, Subramanian Senthilkannan Muthu
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ISBN	981-10-0150-2
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XIV, 422 p. 84 illus., 51 illus. in color.)
Collana	Environmental Footprints and Eco-design of Products and Processes, , 2345-7651
Disciplina	662.8
Soggetti	Waste management Environmental engineering Biotechnology Biochemical engineering Renewable energy resources Environmental sciences Waste Management/Waste Technology Environmental Engineering/Biotechnology Biochemical Engineering Renewable and Green Energy Environmental Science and Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Bioreactor landfills coupled with energy and nutrient recovery -- Anaerobic digestion for energy recovery -- Hydrothermal treatment for biofuels and biochar -- Refuse derived fuels and Pyrolysis -- New and integrated Technologies.
Sommario/riassunto	This book presents the latest advances in and current research perspectives on the field of urban/industrial solid waste recycling for bio-energy and bio-fuel recovery. It chiefly focuses on five main thematic areas, namely bioreactor landfills coupled with energy and nutrient recovery; microbial insights into anaerobic digestion; greenhouse emission assessment; pyrolysis techniques for special

waste treatment; and industrial waste stabilization options. In addition, it compiles the results of case studies and solid waste management perspectives from different countries. .
