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Titolo	Conversion of Electronic Waste in to Sustainable Products / / edited by Mohammad Jawaid, Anish Khan
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ISBN	981-19-6541-2
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Descrizione fisica	1 online resource (270 pages)
Collana	Sustainable Materials and Technology, , 2731-0434
Disciplina	621.38150286
Soggetti	Electronics - Materials Refuse and refuse disposal Green chemistry Electronic Materials Waste Management/Waste Technology Green Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Design of a proper recycling process for small-sized e-waste -- Sustainable bioprospecting of electronic waste via omics-aided biometallurgy -- Diverse Technological Initiatives For E-Waste Management And Its Impact On Ecosystem -- Persistent toxic substances released from uncontrolled e-waste recycling and action for the future -- Overview of e-waste reverse logistics: how to promote the return of electronic waste to the production chain -- E-Plastic Waste Use As Coarse-Aggregate In Concrete -- Recycling of mobile phones: Case study of the lithium-ion cell phone batteries in Brazil -- A bibliometric approach to the current state of the art of risks in e-waste supply chains -- E-Waste Management Strategies across Recycling Industry of Northern India-An Empirical Investigation -- Circular e-waste supply chains' critical challenges: An introduction and a literature review -- Sustainable Use of Plastic e-Waste with Added Value.
Sommario/riassunto	This book gives an overview of electronic waste (e-waste) management and the latest technological aspects of recycling and disposal of obsolete electronic components while minimizing the environmental impact of toxic chemicals and heavy metals from e-waste. As

electronics become more accessible worldwide, this effect generates up to 50 tonnes of e-waste that is only set to increase every year. The chapters in this book explore different strategies through recycling practices, green computing, and eco-friendly approach in handling e-waste through government policies to mitigate the growing side effects of e-waste. This book caters to researchers, policymakers, and industrial practitioners who are interested in more sustainable practices in e-waste management. .