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Titolo	Assessment of Environmental Impact by Grocery Shopping Bags : An Eco-Functional Approach // by Subramanian Senthilkannan Muthu, Yi Li
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2014
ISBN	981-4560-20-0
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (171 p.)
Collana	EcoProduction, Environmental Issues in Logistics and Manufacturing, , 2193-4614
Disciplina	333.7
Soggetti	Environmental engineering Biotechnology Production management Sustainable development Environmental management Environmental Engineering/Biotechnology Operations Management Sustainable Development Environmental Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Basic introduction to shopping bags and eco-functional assessment of shopping bags -- Manufacturing processes of grocery shopping bags -- Life cycle assessment of grocery shopping bags -- Functionality assessment of shopping bags -- Consumption behaviour of shopping bags in various countries: Consumption and eco-impact -- End-of-life assessment of grocery shopping bags -- Eco-functional assessment of grocery shopping bags -- Conclusions.
Sommario/riassunto	This book details the different types of shopping bags used for grocery purposes and their manufacturing processes; various impacts made by different grocery shopping bags in their entire life cycle from cradle to grave stages; importance of consumer behaviour in determining the life cycle impact of shopping bags with the case study of the consumer behaviour studied in different countries for various shopping bags;

quantification of environmental impact, ecological sustainability and recyclability potential of various raw materials used for shopping bags; functional and ecological properties of various shopping bags and their assessment; core concept and the theoretical framework of Eco-functional Assessment Methodology; Eco-functional assessment of various grocery shopping bags; quantification of the eco-functional scores of various shopping bags; reduction of environmental impacts of various grocery shopping bags.

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