

1. Record Nr.	UNINA9910797869403321
Titolo	Green polymers and environmental pollution control // edited by Moayad N. Khalaf
Pubbl/distr/stampa	Toronto : , : Apple Academic Press, , [2016] ©2016
ISBN	0-429-15496-8 1-4987-3249-6
Descrizione fisica	1 online resource (426 p.)
Disciplina	668.9/2
Soggetti	Polymerization - Environmental aspects Renewable natural resources Source reduction (Waste 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 at the end of each chapters.
Nota di contenuto	Preparation and characterization of novel conductive porous chitosan-based nanocomposite scaffolds for tissue engineering applications / Hossein Baniasadia, S.A. Ahmad Ramazani, and Fariba Ghaderinezhad -- 2. Morphological, thermal and mechanical properties of green composite based on recycled polyethylene/polyamide-6/kenaf composites / Agus Arsad, Nuranassuhada Mahzam, and Jibrin Mohammed Danlami -- 3. Effect of compatibilizer : filler ratio on the tensile, barrier and thermal properties of polyethylene composite films manufactured from natural fiber and nanoclay / Khaliq Majeed, Azman Hassan, and Aznizam Abu Bakar -- 4. A Detailed review on modeling of CNT/green polymer composites / A.K. Haghi -- 5. Moving towards greener cationic polymerizations / Stewart P. Lewis, Deivasagayam Dakshinamoorthy, and Robert T. Mathers -- 6. Layer-by-Layer Assembly of Biopolymers onto Soft and Porous Gels / Ana M. Diez-Pascual and Peter S. Shuttleworth -- 7. Use of recycled polymer in the construction industry / Davi Nogueira da Silva, Adalena Kennedy Vieira, and Raimundo Kennedy Vieira -- 8. Polyuronates and their application in drug delivery and cosmetics / Robin Augustine, Bhavana Venugopal, S. Snigdha, Nandakumar Kalarikkal, and Sabu Thomas -- 9. Biological

delignification of biomass / Jithin Joy, Cintil Jose, P. Lovely Mathew, Sabu Thomas, and Moayad N. Khalaf -- 10. Recent research in the applications of chitin, chitosan and oligosaccharides / P.N. Sudha, T. Gomathi, and S. Aisverya -- 11. Natural fiber composites and applications / P.N. Sudha, K. Nasreen, and P. Angelin Vinodhini -- 12. Removal and recovery of heavy metals using natural polymeric materials / P.N. Sudha, T. Gomathi, K. Vijayalakshmi, and R. Nithya.

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