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Nota di contenuto	1. Electrospinning: The Technique and Applications -- By Govind Kumar Sharma and Nirmala Rachel James -- 2. Selection and Fabrication of HMMC (AL6063-SIC-B4C-MG) -- By Gurpreet Singh Matharou and Simran Kaur -- 3. Experimental Investigation of the Mechanical and Thermal Properties of Natural Green Fibres -- By Dheeraj Kumar, Nadeem Faisal, Ramit Choudhury and Swarup S. Deshmukh -- 4. Recycled Synthetic Polymer-Based Electrospun Membranes for Filtering Applications -- By Alena Opalkova Siskova, Heba M. Abdallah, Smaher Mosad Elbayomi and Anita Eckstein Andicsova -- 5. Application of Nanocellulose Biocomposites in Acceleration of Diabetic Wound Healing: Recent Advances and New Perspectives -- By Rebika Baruah and Archana Moni Das -- 6. Application of Metal-Organic Framework as Reactive Filler in Bisphenol-A-Based High-Temperature Thermosets -- By Vijayakumar Chinnaswamy Thangavel, Siva Kaylasa Sundari Saravanamuthu, Arunjunai Raj Mahendran and Shamim Rishwana Syed Mohammed.
Sommario/riassunto	This book presents an overview of the current status and recent trends in nanofibers, their fabrication and applications. The aim is to provide readers with a clear understanding of the electrospinning process both in theory and applications. Challenges, opportunities and new directions for the future development of electrospinning technology are also discussed. The book provides fundamental knowledge and up-to-date information to enable advanced study in the field of nanofibers

and their applications. It will therefore be of interest to research students, scientists, engineers, and materials scientists.