

Preface

Nanofibers are one-dimensional fibers with diameters in the nanometer range that can be generated from different polymers. They have different physical and chemical properties, and are fabricated using various techniques such as electrospinning, self-assembly, template-assisted synthesis, and thermal-induced phase separation. This book presents an overview of the current status of nanofibers, their fabrication and their functional applications in various fields.

The six chapters of the book, written by expert authors, provide the reader with a clear understanding of the electrospinning process, its theory, methodology, materials, and applications. Appropriate references at the end of each chapter lead readers to the best sources in the literature for a more detailed study.

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