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Chapter 4. Electrospinning Nanofibers with Controlled Structures and Complex Architectures

1. Introduction ; 2. Experimental Setup for Electrospinning ; 3. History and Mechanism of Electrospinning ; 4. Nanofibers Containing Nanoscale Fillers
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6. Porous Nanofibers ; 7. Complex Nanofibers via Post-Spinning Treatment ; 8. Ordered Architectures of Electrospun Nanofibers
; 9. Concluding Remarks ; Acknowledgements
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Sommario/riassunto

The first volume in an exciting new series, Annual Review of Nano Research, this formidable collection of review articles sees renowned contributors from eight different countries tackle the most recent advances in nanofabrication, nanomaterials and nanostructures. The broad coverage of topics in nanotechnology and nanoscience also includes a special focus on the hot topic of biomedical applications of nanomaterials. The important names contributing to the volume include: M R Bockstaller (USA), L Duclaux (France), S Forster (Germany), W Fritzsche (Germany), L Jiang (China), C Lopez (Spain),
