

# Part A Nanostruc

## Part A Nanostructures, Micro/Nanofabrication, and Micro/Nanodevices

### 2 Nanomaterials Synthesis and Applications: Molecule-Based Devices

Françisco M. Raymo, Coral Gables, USA

### 3 Introduction to Carbon Nanotubes

Marc Monthieux, Toulouse, France  
Philippe Serp, Toulouse, France  
Emmanuel Flahaut, Toulouse, France  
Manitra Razafinimanana, Toulouse, France  
Christophe Laurent, Toulouse, France  
Alain Peigney, Toulouse, France  
Wolfgang Bacsa, Toulouse, France  
Jean-Marc Broto, Toulouse, France

### 4 Nanowires

Mildred S. Dresselhaus, Cambridge, USA  
Yu-Ming Lin, Cambridge, USA  
Oded Rabin, Cambridge, USA  
Marcie R. Black, Cambridge, USA  
Gene Dresselhaus, Cambridge, USA

### 5 Introduction to Micro/Nanofabrication

Babak Ziaie, Minneapolis, USA  
Antonio Baldi, Barcelona, Spain  
Massood Z. Atashbar, Kalamazoo, USA

### 6 Stamping Techniques for Micro and Nanofabrication: Methods and Applications

John A. Rogers, Urbana, USA

### 7 Materials Aspects of Micro- and Nanoelectromechanical Systems

Christian A. Zorman, Cleveland, USA  
Mehran Mehregany, Cleveland, USA

### 8 MEMS/NEMS Devices and Applications

Darrin J. Young, Cleveland, USA  
Christian A. Zorman, Cleveland, USA  
Mehran Mehregany, Cleveland, USA

### 9 Microfluidics and Their Applications to Lab-on-a-Chip

Chong H. Ahn, Cincinnati, USA  
Jin-Woo Choi, Baton Rouge, USA

### 10 Therapeutic Nanodevices

Stephen C. Lee, Columbus, USA  
Mark Ruegsegger, Columbus, USA  
Philip D. Barnes, Columbus, USA  
Bryan R. Smith, Columbus, USA  
Mauro Ferrari, Columbus, USA

