

Contents

Encapsulation by Miniemulsion Polymerization	1
Katharina Landfester and Clemens K. Weiss	
Enzyme-Encapsulated Layer-by-Layer Assemblies: Current Status and Challenges Toward Ultimate Nanodevices	51
Katsuhiko Ariga, Qingmin Ji, and Jonathan P. Hill	
Non-Layer-by-Layer Assembly and Encapsulation Uses of Nanoparticle-Shelled Hollow Spheres	89
Gautam C. Kini, Sibani L. Biswal, and Michael S. Wong	
Polymersomes: A Synthetic Biological Approach to Encapsulation and Delivery	115
Marzia Massignani, Hannah Lomas, and Giuseppe Battaglia	
Reaction Vessels Assembled by the Sequential Adsorption of Polymers	155
Andrew D. Price, Angus P.R. Johnston, Georgina K. Such, and Frank Caruso	
Index	181

<http://www.springer.com/978-3-642-12872-1>

Modern Techniques for Nano- and
Microreactors/-reactions

Caruso, F. (Ed.)

2010, XII, 184 p. 96 illus., 31 illus. in color., Hardcover

ISBN: 978-3-642-12872-1