Record Nr. UNINA9910139563303321

Titolo Complex macromolecular architectures [[electronic resource]]:

synthesis, characterization, and self-assembly / / editors, Nikos

Hadjichristidis ... [et al.]

Pubbl/distr/stampa Singapore, : John Wiley & Sons (Asia) Pte Ltd., 2011

ISBN 0-470-82827-7

1-283-37244-4 9786613372444 0-470-82515-4 0-470-82514-6

Descrizione fisica 1 online resource (858 p.)

Classificazione SCI013040

Altri autori (Persone) HadjichristidisNikos <1943->

Disciplina 547.7

547/.7

Soggetti Macromolecules

Polymerization Electronic books.

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Note generali Description based upon print version of record.

Nota di bibliografia Includes bibliographical references and index.

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Sommario/riassunto

The field of CMA (complex macromolecular architecture) stands at the cutting edge of materials science, and has been a locus of intense research activity in recent years. This book gives an extensive description of the synthesis, characterization, and self-assembly of recently-developed advanced architectural materials with a number of potential applications. The architectural polymers, including bioconjugated hybrid polymers with poly(amino acid)s and glucopolymers, star-branched and dendrimer-like hyperbranched polymers, cyclic polymers, dendrigraft polymers, rod-coil and helix-coil b