

1. Record Nr.	UNINA9910779345503321
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Titolo	Dendrimers, dendrons, and dendritic polymers : discovery, applications, and the future // Donald A. Tomalia, NanoSynthons, LLC, Jørn B. Christensen, University of Copenhagen, Ulrik Boas, Technical University of Denmark [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2012
ISBN	1-316-08884-7 1-139-56390-4 1-139-55155-8 1-139-55526-X 1-139-04885-6 1-139-55401-8 1-139-54905-7 1-283-71619-4 1-139-55030-6
Descrizione fisica	1 online resource (vii, 412 pages) : digital, PDF file(s)
Classificazione	TEC021000
Disciplina	668.9
Soggetti	Dendrimers Dendritic cells
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1. Introduction; 2. The dendritic state; 3. Synthetic methodologies; 4. Characterization methodologies; 5. Biopharmaceutical applications and products; 6. Toxicology of dendrimers and dendrons; 7. The dendritic effect; 8. Dendrons and dendrimers: quantized dendritic building blocks leading to a new nano-periodic system; 9. The past, present and future for dendrimers and dendrons.
Sommario/riassunto	Dendrimer science has exploded onto the polymer science scene as the fourth major class of polymer architecture. Capturing the history of dendrimer discovery to the present day, this book addresses all the essential information for newcomers and those experienced in the field,

including: • Fundamental theory, chemistry and physics of the 'dendritic state' • Synthetic strategies (click chemistry, self-assembly, and so on) • Dendron/dendrimer characterization techniques • Architecturally driven 'dendritic effects' • Developments in scientific and commercial applications • Convergence with nanotechnology, including dendrimer-based nanodevices, nanomaterials, nanotoxicology and nanomedicine • Dendrimers as a window to a new nano-periodic system. Including first-hand accounts from pre-1995 pioneers, progress in the dendrimer field is brought to life with anticipated developments for the future. This is the ideal book for researchers in both academia and industry who need a complete introduction to the 'dendritic state' with a special focus on dendrimer and dendron polymer science.
