

1. Record Nr.	UNINA9910829875003321
Titolo	Molecular encapsulation : organic reactions in constrained systems // editors, Udo H. Brinker, Jean-Lue Miesusset
Pubbl/distr/stampa	Chichester, England : , : Wiley, , 2010 ©2010
ISBN	0-470-66487-8 9786613678744 1-280-76797-9 0-470-66488-6 1-119-95710-9
Descrizione fisica	xix, 500 p
Disciplina	547/.2
Soggetti	Nanochemistry Microencapsulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Reaction control by molecular recognition-a survey from the photochemical perspective / Cheng Yang [and others] -- Cyclodextrins / Ronald Breslow -- Cyclodextrins as molecular reactors / Christopher J. Easton and Hideki Onagi -- Reactions mediated by cyclodextrins / Keiko Takahashi -- Reactions in zeolites / Stephane Walspurger and Jean Sommer -- Chemistry in self-seembled nanoreactors / Jarl Ivar van der Vlugt [and others] -- Concave reagents / Ulrich Luning -- Reactivity control by calixarenes / Luigi Mandolini, Roberta Cacciapaglia, and Stefano Di Stefano -- Reactions inside carcerands / Ralf Warmuth -- Encapsulation of reactive intermediates / Jean-Luc Miesusset and Udo H. Brinker -- Dye encapsulation / Jeremiah J. Gassensmith, Easwaran Arunkumar and Bradley D. Smith -- Organic cations in constrained systems / Werner Abraham and Lutz Grubert -- Proteins as host for enantioselective catalysis: artificial metalloenzymes based on the biotin-streptavidin technology / Jincheng Mao and Thomas R. Ward -- Chemical reactions with RNA and DNA enzymes /

Andres Jaschke -- Reactions in supramolecular systems / Lucia  
Zakharova [and others] -- Encapsulation processes by bilayer vesicles /  
Marc C.A. Stuart and Jan B.F.N. Engberts -- Reactions in liposomes /  
Pasquale Stano and Pier Luigi Luisi.

---