

1. Record Nr.	UNINA9910830066603321
Titolo	The lock-and-key principle [[electronic resource]] : the state of the art--100 years on / / edited by Jean-Paul Behr
Pubbl/distr/stampa	Chichester [England] ; ; New York, : Wiley, c1994
ISBN	1-282-12228-2 9786612122286 0-470-51141-9 0-470-51140-0
Descrizione fisica	1 online resource (340 p.)
Collana	Perspectives in supramolecular chemistry ; ; v. 1
Altri autori (Persone)	BehrJean-Paul
Disciplina	541.22 574.8 574.88
Soggetti	Molecular recognition
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.
Nota di contenuto	The Lock-and-Key Principle; Contents; Contributors; Preface; 1 Emil Fischer's Lock-and-Key Hypothesis after 100 Years - Towards a Supracellular Chemistry; 2 Molecular Recognition in Biology: Models for Analysis of Protein-Ligand Interactions; 3 New Biocatalysts via Chemical Modification; 4 Oligonucleotides: Superspecific Ligands for Targeting Nucleic Acids and Proteins and Development of Molecular Devices; 5 Macrocycles and Antibodies as Catalysts; 6 Lock-and-Key Processes at Crystalline Interfaces: Relevance to the Spontaneous Generation of Chirality 7 A Model of the Origin of Life and Perspectives in Supramolecular Engineering 8 Perspectives in Supramolecular Chemistry-From the Lock-and-Key Image to the Information Paradigm; Index