1. Record Nr. UNINA9910144655103321

Titolo	Mobility and function in proteins and nucleic acids [[electronic resource]]
Pubbl/distr/stampa	London, : Pitman, 1983
ISBN	1-280-78405-9 9786613694447 0-470-72075-1 0-470-71844-7
Descrizione fisica	1 online resource (369 p.)
Collana	Ciba Foundation symposium ; ; 93
Disciplina	574.87/328 574.87328
Soggetti	Nucleic acids Proteins
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 indexes.
Nota di contenuto	Mobility and J function in proteins and nucleic acids; Contents; Introduction; The role of mobility in the substrate binding and catalytic machinery of enzymes; Discussion; Ligand- induced conformational changes in proteins; Discussion; Mobility and active-site coupling in 2-0x0 acid dehydrogenase complexes; Discussion; The mobility of calcium- trigger proteins and its function; Discussion; Mobility and function in elastin and collagen; Discussion; Flexibility in tobacco mosaic virus; Discussion; The molecular basis of muscle contraction; Discussion Actin-induced changes in the dynamics of myosin subfragment-1 detected by nuclear magnetic resonance Discussion; Rotational dynamics of spin-labelled muscle proteins; Discussion; Cross-bridge movement in muscle and the conformation of the myosin hinge; Discussion; Nuclear magnetic resonance studies on structure and breathing dynamics of transfer RNA; Discussion; Triplet anisotropy decay measurements of DNA internal motion; Discussion; Conformations and flexibilities of histones and high mobility group (HMG) proteins in chromatin structure and function; Discussion