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Titolo	Mobility and function in proteins and nucleic acids [[electronic resource]]
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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

Local and collective motions in protein dynamics Discussion; Soliton
theory of protein dynamics; Discussion; Nuclear magnetic resonance
studies of mobility in proteins; Discussion; Summary and outlook;
FINAL GENERAL DISCUSSION; Closing remarks; Index of contributors;
Subject index
