1. Record Nr. UNINA9910789720203321

Titolo	Dynamics of biological macromolecules by neutron scattering [[electronic resource] /] / edited by Salvatore Magazu and Federica Migliardo
Pubbl/distr/stampa	[Oak Park, Ill.?], : Bentham eBooks, [2011]
ISBN	1-60805-219-2
Descrizione fisica	1 online resource (118 p.)
Altri autori (Persone)	MagazuSalvatore MigliardoFederica
Disciplina	541.39
Soggetti	Molecular dynamics Neutrons - Scattering Macromolecules Biomolecules
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	section 1. Neutron scattering as a powerful tool for studying biological molecules and processes -- section 2. Dynamics of biological molecules -- section 3. Extreme environments and bioprotection mechanisms -- section 4. Simulation and complementary spectroscopic techniques.
Sommario/riassunto	Dynamics of Biological Macromolecules by Neutron Scattering provides insight into the study of the dynamics of biological macromolecules by neutron scattering techniques. The applicability of neutron scattering to expanding fields of biological studies is very extended and the neutron scattering community is interested in using these unique technologies to their best advantage. The book is focused on recent scientific results on biomolecular motions obtained by using neutron spectroscopy, and also discusses likely directions of future work on biological macromolecular systems while outlining s