1. Record Nr. UNINA9910863103503321

Titolo	Rhythmic Oscillations in Proteins to Human Cognition / / edited by Anirban Bandyopadhyay, Kanad Ray
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-7253-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (X, 361 p. 149 illus., 110 illus. in color.)
Collana	Studies in Rhythm Engineering, , 2524-5554
Disciplina	612.022
Soggetti	Multibody systems Vibration Mechanics, Applied Biophysics Biomolecules Physical biochemistry Multibody Systems and Mechanical Vibrations Molecular Biophysics Biophysical Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Macromolecular Resonances -- Reformulating Physics Without Time -- Electric and magnetic elds inside neurons and their impact upon the cytoskeletal microtubules -- Time Crystal Engineering in Catalytic Reaction Cycles -- Blue light spectroscopy from electronic visual displays -- Quantum neural networks and Quantum Intelligence -- Oscillations and synchrony in a network of delayed neural masses -- Consciousness in the Universe, as Tuned by a Musical Master Code: A Hydrodynamic Superfluid Quantum Space Guides a Conformal Mental Attribute of Reality. The Hard Problem in Consciousness Studies Revisited.
Sommario/riassunto	This book explores various aspects of biophysics, from neurobiology to quantum biology and the consciousness of human beings and in the universe. It examines eight different areas of natural intelligence, ranging from time crystals found in chemical biology, to the vibrations and the resonance of proteins, and also discusses hierarchical

		communication in various biological systems. Written by senior and experts in the field in language that is lucid and easy to understand, it is a valuable reference resource for researchers and practitioners in academia and industry.

2.	Record Nr.	UNINA9910955390203321
	Titolo	Chemical crystallography / / Bryan L. Connelly, editor
	Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
	ISBN	1-61668-513-1
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (178 p.)
	Collana	Chemistry research and applications
	Altri autori (Persone)	ConnellyBryan L
	Disciplina	548/.3
	Soggetti	Crystallography
	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	Dipicolinic acid, its analogues, and derivatives : aspects of their coordination chemistry / Alvin A. Holder ... [et al.] -- Synthesis and structural characterization of thiopene-functionalized metal dithiolenes / Seth C. Rasmussen and Chad M. Amb -- Crystal chemistry of an atropisomer : conformation, chirality, aromaticity and intermolecular interactions of diphenylguanidine / Manuela Ramos Silva ... [et al.] -- Construction and structure of metal-organic frameworks with specific ion-exchange property / Man-Sheng Chen ... [et al.] -- Substituent effect on the structures of zinc 1,4-benzenedicarboxylate coordination polymers synthesized in dimethyl sulfoxide / Shi-Yao Yang and Xiao-Bin Xu.
	Sommario/riassunto	Chemical crystallography is the study of the principles of chemistry behind crystals and their use in describing structure-property relations in solids. This book presents data on the co-ordination chemistry of several metal complexes with dipicolinic acid and the crystal structure of some anti-malarial metal complexes.