

1. Record Nr.	UNISALENTO991000352269707536
Autore	Pinter, Harold
Titolo	Tradimenti / Harold Pinter ; introduzione di Guido Davico Bonino
Pubbl/distr/stampa	Torino : Einaudi, 1988
Descrizione fisica	52 p. ; 18 cm
Collana	Collezione di teatro ; 257
Altri autori (Persone)	Davico Bonino, Guido
Disciplina	822.91
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910734878003321
Autore	Kalidas C
Titolo	Biophysical Chemistry : Techniques and Applications // by C. Kalidas, M.V. Sangaranarayanan
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-37682-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (491 pages)
Altri autori (Persone)	SangaranarayananM. V
Disciplina	572.43
Soggetti	Biomaterials Bioorganic chemistry Reaction mechanisms (Chemistry) Bioorganic Chemistry Reaction Mechanisms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cell and its Biochemical Setup -- Thermodynamic Aspects of the Cell

-- Carbohydrates, their Reactions, Thermochemistry and Energetics --
Lipids -- Amino Acids -- Peptides -- Proteins -- Nucleosides and
Nucleotides -- Enzymes -- Co-Enzymes and Vitamins -- Bioenergetics
-- Biosensors.

Sommario/riassunto

The textbook is intended for the undergraduate and postgraduate students of chemistry, biology and medicine. It covers diverse topics of biophysical chemistry ranging from the structure of cells, lipids, and proteins to nonequilibrium thermodynamics, enzyme catalysis, and fast reaction kinetics. The book discusses the fundamental structural concepts in the first part and provides a systematic account of different experimental techniques such as chromatography, electrophoresis, and gel filtration that are extensively employed in biochemical research in the second part. It also includes typical applications using NMR, ESR, and SPR to comprehend the power of spectroscopic tools in biophysical chemistry. This textbook also deals with advanced topics of entropy production and biosensors. It consists of a large number of schematic diagrams as well as tabular compilations of kinetic, electrochemical, and thermochemical data. It includes multiple-choice questions, numerical examples, and descriptive questions in various chapters to aid self-learning among students. In view of the diverse coverage of topics, this textbook is a valuable asset to undergraduate and postgraduate students. It is also a useful reference for researchers and professionals in chemistry, biology, and medicine.
