

1. Record Nr.	UNINA9910484101003321
Titolo	Computational Methods to Study the Structure and Dynamics of Biomolecules and Biomolecular Processes : From Bioinformatics to Molecular Quantum Mechanics // edited by Adam Liwo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-319-95843-7
Edizione	[2nd ed. 2019.]
Descrizione fisica	1 online resource (850 pages)
Collana	Springer Series on Bio- and Neurosystems, , 2520-8535 ; ; 8
Disciplina	572.330113
Soggetti	Computational intelligence Bioinformatics Proteins Chemistry, Physical and theoretical Statistical physics Computational Intelligence Computational Biology/Bioinformatics Protein Science Theoretical and Computational Chemistry Statistical Physics and Dynamical Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Molecular simulations: methodology -- Molecular simulations: applications -- Use of structural database or experimental information in modeling protein structure and dynamics -- Applications of molecular quantum mechanics.
Sommario/riassunto	This book provides a comprehensive overview of modern computer-based techniques for analyzing the structure, properties and dynamics of biomolecules and biomolecular processes. It is organized in four main parts; the first one deals with methodology of molecular simulations; the second one with applications of molecular simulations; the third one introduces bioinformatics methods and the use of experimental information in molecular simulations; the last part reports

on selected applications of molecular quantum mechanics. This second edition has been thoroughly revised and updated to include the latest progresses made in the respective field of research.

2. Record Nr.	UNINA9910969008603321
Titolo	Readings in technology in education : selected papers from the international conference on information and communications technology in education 2006 // guest editors Simon Shurville and Ken Fernstrom
Pubbl/distr/stampa	Bradford, : Emerald Group Press, c2007
ISBN	1-280-92925-1 1-84663-535-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (73 p.)
Collana	Campus-Wide Information Systems ; ; 24, no. 3
Altri autori (Persone)	ShurvilleSimon FernstromKen
Soggetti	High technology and education Universities and colleges - United States - Communication systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""Cover""; ""CONTENTS""; ""EDITORIAL ADVISORY BOARD""; ""Guest editorial""; ""Changing paradigms: managed learning environments and Web 2.0""; ""Sustaining online teacher professional development through community design""; ""Designing interactive learning environments: an approach from first principles""; ""Learning design: requirements, practice and prospects""; ""Virtual learning environments""; ""Ethics in the information exploitation and manipulation age""
Sommario/riassunto	This e-book presents a selection of papers from The International Conference in Information and Communications Technology in Education (ICICTE), which was held on Rhodes in July 2006. The papers selected for this e-book are influenced by the theme of global educational networks and explore professional development to remain

abreast of pedagogic and technological innovations and also consider the ethics of applying ICT in education.
