1. Record Nr. UNICAMPANIAVAN0129266

Titolo	Distribution of Insurance-Based Investment Products / Pierpaolo Marano, Ioannis Rokas editors
Pubbl/distr/stampa	Cham, : Springer, 2019
Descrizione fisica	ix, 258 p. ; 22 cm
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9911020154703321

Titolo	Prediction of protein structures, functions, and interactions / / edited by Janusz M. Bujnicki
Pubbl/distr/stampa	Chichester, U.K., : Wiley, 2009
ISBN	9786612034268 9781282034266 128203426X 9780470741894 0470741899 9780470741900 0470741902
Descrizione fisica	1 online resource (306 p.)
Altri autori (Persone)	BujnickiJanusz M
Disciplina	572.633 572/.633
Soggetti	Proteins - Structures Amino acid sequence Protein-protein interactions
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	Prediction of Protein Structures, Functions, and Interactions; Contents; List of Contributors; Preface; 1 The Basics of Protein Sequence Analysis; 2 First Steps of Protein Structure Prediction; 3 Automated Prediction of Protein Function from Sequence; 4 Template Based Prediction of Three-dimensional Protein Structures: Fold Recognition and Comparative Modeling; 5 Template-free Predictions of Three-dimensional Protein Structures: From First Principles to Knowledge-based Potentials; 6 Quality Assessment of Protein Models 7 Prediction of Molecular Interactions from 3D-structures: From Small Ligands to Large Protein Complexes8 Structure-based Prediction of Enzymes and Their Active Sites; 9 The Prediction of Macromolecular Complexes by Docking; 10 Protein Function Prediction via Analysis of Interactomes; 11 Integrating Prediction of Structure, Function, and Interactions; Index; Color Plate
Sommario/riassunto	The growing flood of new experimental data generated by genome sequencing has provided an impetus for the development of automated methods for predicting the functions of proteins that have been deduced by sequence analysis and lack experimental characterization. Prediction of Protein Structures, Functions and Interactions presents a comprehensive overview of methods for prediction of protein structure or function, with the emphasis on their availability and possibilities for their combined use. Methods of modeling of individual proteins, prediction of their interactions, and docking of comp