

1. Record Nr.	UNINA9910299682203321
Titolo	Computational Intelligence Techniques for Comparative Genomics : Dedicated to Prof. Allam Appa Rao on the Occasion of His 65th Birthday / / edited by Naresh Babu Muppalaneni, Vinit Kumar Gunjan
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2015
ISBN	981-287-338-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (147 p.)
Collana	SpringerBriefs in Forensic and Medical Bioinformatics, , 2196-8845
Disciplina	006.3 502.85 570285 610.28
Soggetti	Computational intelligence Bioinformatics Forensic sciences Diabetes Biomedical engineering Medical informatics Computational Intelligence Computational Biology/Bioinformatics Forensic Science Biomedical Engineering and Bioengineering Health Informatics
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.
Nota di contenuto	Diversified Insulin Associated Beta-behavioral & Endogenously Triggered Exposed Symptoms (Diabetes) Model of Diabetes in India -- Automatic Teaching Learning Based Optimization: A Novel Clustering Method For Gene Functional Enrichments -- A Comparative Study of Methodologies of Protein Secondary Structure -- A sparse modeled ROI for GLAM construction in image classification problems – A case study of Breast Cancer -- A Survey on Identification of Protein Complexes in Protein-Protein Interaction Data: Methods and Evaluation -- Modeling

Artificial Life: A cellular Automata Approach -- Identification of Deleterious Snps in TACR1 Gene Using Genetic algorithm -- Identification of AIDS Disease Severity Using Genetic Algorithm -- A Novel Clustering Approach Using Hadoop Distributed Environment -- Framework for Evaluation of Programming Language Examinations -- An Efficient Data Integration Framework in Cloud using Map Reduce.

Sommario/riassunto

This Brief highlights Informatics and related techniques to Computer Science Professionals, Engineers, Medical Doctors, Bioinformatics researchers and other interdisciplinary researchers. Chapters include the Bioinformatics of Diabetes and several computational algorithms and statistical analysis approach to effectively study the disorders and possible causes along with medical applications.