

图书基本信息

书名：<<生物与医学数据分析 / 国际专题讨论会 会议录LNCS-4345>>

13位ISBN编号：9783540680635

10位ISBN编号：3540680632

出版时间：2006-12

出版时间：Springer

作者：Maglaveras, Nicos; Chouvarda, Ioanna; Koutkias, Vassilis

页数：496

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

## 内容概要

This book constitutes the refereed proceedings of the 7th International Symposium on Biological and Medical Data Analysis, ISBMDA 2006, held in Thessaloniki, Greece, in December 2006. The 28 revised full papers and 16 revised poster papers presented were carefully reviewed and selected from 91 submissions. The papers are organized in topical sections on functional genomics, sequence and structure analysis, biomedical models, databases and grids, semantics and information modelling, biomedical signal processing - time series analysis, biomedical image analysis and visualisation techniques, biomedical data analysis and interpretation, as well as decision support systems and diagnostic tools.

书籍目录

Bioinformatics: Functional Genomics HLA and HIV Infection Progression: Application of the Minimum Description Length Principle to Statistical Genetics Visualization of Functional Aspects of microRNA Regulatory Networks Using the Gene Ontology A Novel Method for Classifying Subfamilies and Sub-subfamilies of G-Protein Coupled Receptors Integration Analysis of Diverse Genomic Data Using Multi-clustering ResultsBioinformatics. Sequence and Structure Analysis Effectivity of Internal Validation Techniques for Gene Clustering Intrinsic Splicing Profile of Human Genes Undergoing Simple Cassette Exon Events Generalization Rules for Binarized Descriptors Application of Combining Classifiers Using Dynamic Weights to the Protein Secondary Structure Prediction Comparative Analysis of Fusion Methods A Novel Data Mining Approach for the Accurate Prediction of Translation Initiation Sites SPSO: Synthetic Protein Sequence Oversampling for Imbalanced Protein Data and Remote Homology DetectionBiomedical Models Markov Modeling of Conformational Kinetics of Cardiac Ion Channel Proteins Insulin Sensitivity and Plasma Glucose Appearance Profile by Oral Minimal Model in Normotensive and Normoglycemic Humans Dynamic Model of Amino Acid and Carbohydrate Metabolism in Primary Human Liver Cells The Probabilities Mixture Model for Clustering Flow-Cytometric Data: An Application to Gating Lymphocytes in Peripheral Blood Integrative Mathematical Modeling for Analysis of Microcirculatory Function Searching and Visualizing Brain Networks in SchizophreniaDatabases and Grids TRENCADIS - A Grid Architecture for Creating Virtual Repositories of DICOM Objects in an OGSA-Based Ontological Framework Minimizing Data Size for Efficient Data Reuse in Grid-Enabled Medical Applications Thinking Precedes Action: Using Software Engineering for the Development of a Terminology Database to Improve Access to Biomedical Documentation Grid-Based Knowledge Discovery in Clinico-Genomic Data.....Semantics and Information ModellingBiomedical Signal Processing-Time Series AnalysisBiomedical Image Analysis and Visualistaion TechniquesBionmedical Data Analysis and InterpretationDecision Support Systems and Diagnostic ToolsAuthor Index

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>