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	Collana	Lecture Notes in Bioinformatics ; ; 4643
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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Selected Articles -- Automating Molecular Docking with Explicit Receptor Flexibility Using Scientific Workflows -- Gene Set Enrichment Analysis Using Non-parametric Scores -- Comparison of Simple Encoding Schemes in GA’s for the Motif Finding Problem: Preliminary Results -- Multi-Objective Clustering Ensemble with Prior Knowledge -- Biological Sequence Comparison Application in Heterogeneous Environments with Dynamic Programming Algorithms -- New EST Trimming Procedure Applied to SUCEST Sequences -- A Method for Inferring Biological Functions Using Homologous Genes Among Three Genomes -- Validating Gene Clusterings by Selecting Informative Gene Ontology Terms with Mutual Information -- An Optimized Distance Function for Comparison of Protein Binding Sites -- Comparing RNA Structures: Towards an Intermediate Model Between the Edit and the Lapcs Problems -- Evolving Phylogenetic Trees: A Multiobjective Approach -- Comparing Several Approaches for Hierarchical Classification of Proteins with Decision Trees -- High Efficiency on Prediction of Translation Initiation Site (TIS) of RefSeq Sequences -- Extended Abstracts -- Outlining a Strategy for Screening Non-coding RNAs on a Transcriptome Through Support Vector Machines -- Mapping Contigs onto Reference Genomes -- Molecular Dynamics

Simulations of Cruzipains 1 and 2 at Different Temperatures -- Genetic Algorithm for Finding Multiple Low Energy Conformations of Poly Alanine Sequences Under an Atomistic Protein Model -- Cellular Fingerprints: A Novel Concept for the Integration of Experimental Data and Compound-Target-Pathway Relations (Extended Abstract) -- Identification of the Putative Class 3 R Genes in Coffea arabica from CafEST Database.