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-- Movement Analysis of Medaka (Oryzias Latipes) for an Insecticide Using Decision Tree -- Support Vector Inductive Logic Programming -- Measuring Over-Generalization in the Minimal Multiple Generalizations of Biosequences -- The q-Gram Distance for Ordered Unlabeled Trees -- Monotone Classification by Function Decomposition -- Learning On-Line Classification via Decorrelated LMS Algorithm: Application to Brain-Computer Interfaces -- An Algorithm for Mining Implicit Itemset Pairs Based on Differences of Correlations -- Pattern Classification via Single Spheres -- SCALETRACK: A System to Discover Dynamic Law Equations Containing Hidden States and Chaos -- Exploring Predicate-Argument Relations for Named Entity Recognition in the Molecular Biology Domain -- Massive Biomedical Term Discovery -- Active Constrained Clustering by Examining Spectral Eigenvectors -- Learning Ontology-Aware Classifiers -- Regular Contributions - Regular Papers -- Automatic Extraction of Proteins and Their Interactions from Biological Text -- A Data Analysis Approach for Evaluating the Behavior of Interestingness Measures -- Unit Volume Based Distributed Clustering Using Probabilistic Mixture Model -- Finding Significant Web Pages with Lower Ranks by Pseudo-Clique Search -- CLASSIC'CL: An Integrated ILP System -- Detecting and Revising Misclassifications Using ILP -- Project Reports -- Self-generation of Control Rules Using Hierarchical and Nonhierarchical Clustering for Coagulant Control of Water Treatment Plants -- A Semantic Enrichment of Data Tables Applied to Food Risk Assessment -- Knowledge Discovery Through Composited Visualization, Navigation and Retrieval -- A Tabu Clustering Method with DHB Operation and Mergence and Partition Operation -- Discovering User Preferences by Using Time Entries in Click-Through Data to Improve Search Engine Results -- Network Boosting for BCI Applications -- Rule-Based FCM: A Relational Mapping Model -- Effective Classifier Pruning with Rule Information -- Text Mining for Clinical Chinese Herbal Medical Knowledge Discovery.