

International Journal of

Computational Intelligence in Bioinformatics and Systems Biology

Editor-in-Chief:
Dr. Xue-wen Chen

Visit www.inderscience.com/ijcibsb
for more information and sample articles



Scope of the Journal

ISSN: 1755-8034 (Print), ISSN: 1755-8042 (Online)

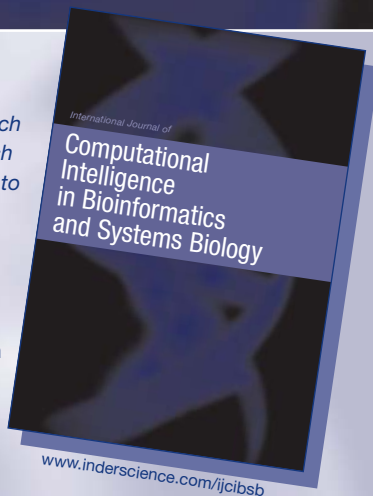
IJCIBSB is a fully refereed international research journal which provides a forum for papers describing cutting edge research in the application of artificial and computational intelligence to the field of bioinformatics and systems biology.

Contents:

IJCIBSB publishes original peer-reviewed papers, which include research papers, review papers, case studies and book reviews. Special Issues devoted to important topics in computational intelligence in bioinformatics and systems biology will occasionally be published.

Topics covered include:

- Artificial/computational intelligence
- Feature selection, dimension reduction, pattern classification/recognition
- Expert systems, neural networks, fuzzy logic
- Possibility theory, Bayesian networks, hidden Markov models
- Rough sets, granular computing, data mining
- Evolutionary algorithms, learning classifiers, SVM
- Swarm intelligence, ant colony optimisation
- Bioinformatics databases, data visualisation
- Gene expression, microarrays, motif/pattern discovery
- DNA assembly, clustering, mapping
- Gene identification/annotation, sequence analysis/alignment
- Image processing, simulation/modelling
- Molecular evolution/phylogeny, protein structure/interaction prediction
- Regulatory network/pathway analysis
- Functional genomics, structural proteomics



Not sure if this title is the one for you?

Visit the journal homepage at www.inderscience.com/ijcibsb where you can:

- View sample articles in full text HTML or PDF format
- Sign up for our free table of contents new issue alerts via e-mail or RSS
- View editorial board details
- Find out about how to submit your papers
- Find out about subscription options, in print, online or as part of a journals collection

You can order online at www.inderscienceonline.com or download an order form from www.inderscience.com/subform.

This title is part of the Computing and Mathematics Collection (see www.inderscience.com/cm). For library collection subscriptions or for a free institutional online trial, please contact subs@inderscience.com.