

International Journal of

Computational Intelligence in Bioinformatics and Systems Biology

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

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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:

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- Feature selection, dimension reduction, pattern classification/recognition
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- Possibility theory, Bayesian networks, hidden Markov models
- Rough sets, granular computing, data mining
- Evolutionary algorithms, learning classifiers, SVM
- Swarm intelligence, ant colony optimisation
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- DNA assembly, clustering, mapping
- Gene identification/annotation, sequence analysis/alignment
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- Regulatory network/pathway analysis
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