Список литературы

- [ACARMC+12] G. Asencio-Cortés, J. S. Aguilar-Ruiz, A. E. Márquez-Chamorro, R. Ruiz, and C. E. Santiesteban-Toca, "Prediction of mitochondrial matrix protein structures based on feature selection and fragment assembly," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 156–167.
- [BWF⁺12] C. Buchanan, J. Wallace, A. Frase, E. Torstenson, S. Pendergrass, and M. Ritchie, "A biologically informed method for detecting associations with rare variants," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 204–215.
- [CBGG12] F. Cerutti, L. Bertolotti, T. L. Goldberg, and M. Giacobini, "Improving phylogenetic tree interpretability by means of evolutionary algorithms," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 253–256.
- [DGHM12] C. Darabos, M. Giacobini, T. Hu, and J. H. Moore, "Lévy-flight GP: towards a new mutation paradigm," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 37–48.
- [FSL⁺12] H. Franken, A. Seitz, R. Lehmann, H.-U. Häring, N. Stefan, and A. Zell, "Inferring disease-related metabolite dependencies with a bayesian optimization algorithm," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 61–72.
- [GAVRGPSP12] D. L. González-Álvarez, M. A. Vega-Rodríguez, J. A. Gómez-Pulido, and J. M. Sánchez-Pérez, "Finding motifs in DNA sequences applying a multiobjective artificial bee colony (MOABC) algorithm," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 108–119.
- [GMM12] D. Granizo-Mackenzie and J. H. Moore, "Artificial immune systems perform valuable work when detecting epistasis in human genetic datasets," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 192–203.
- [GVB12] M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012.
- [hol12] "Comparison of methods for meta-dimensional data analysis using in silico and biological data sets," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 132–143.

- [KM12] K. Kancherla and S. Mukkala, "Feature selection for lung cancer detection using SVM based recursive feature elimination method," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 168–179.
- [LA12] W. B. Langdon and J. Arno, "In silico infection of the human genome," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 249–252.
- [MC12] S. Marini and A. Conversi, "Understanding zooplankton long term variability through genetic programming," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 49–60.
- [MCDAR+12] A. E. Márquez-Chamorro, F. Divina, J. S. Aguilar-Ruiz, J. Bacardit, G. Asencio-Cortés, and C. E. Santiesteban-Toca, "A NSGA-II algorithm for the residue-residue contact prediction," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 238–248.
- [MCV12] L. Manzoni, M. Castelli, and L. Vanneschi, "Evolutionary reaction systems," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 13–24.
- [MW12] T. Manning and P. Walsh, "Automatic task decomposition for the neuroevolution of augmenting topologies (NEAT) algorithm," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 1–12.
- [NBC⁺12] M. Nobile, D. Besozzi, P. Cazzaniga, G. Mauri, and D. Pescini, "A GPU-based multi-swarm PSO method for parameter estimation in stochastic biological systems exploiting discrete-time target series," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 73–84.
- [PDM12] Q. Pan, C. Darabos, and J. H. Moore, "The role of mutations in whole genome duplication," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 120-131.
- [PRM12] C. Pizzuti, S. E. Rombo, and E. Marchiori, "Complex detection in protein-protein interaction networks: a compact overview for researchers and practitioners," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 216–227.
- [PSP12] F. Pinheiro, F. Santos, and J. Pacheco, "Tracking the evolution of cooperation in complex networked populations," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012,

ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 85–95.

- [RJZ12] L. Rosenbaum, A. Jahn, and A. Zell, "Optimizing the edge weights in optimal assignment methods for virtual screening with particle swarm optimization," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 25–36.
- [SGH⁺12] A. Spirov, N. Golyandina, D. Holloway, T. Alexandrov, E. Spirova, and F. Lopes, "Measuring gene expression noise in early drosophila embryos: the highly dynamic compartmentalized micro-environment of the blastoderm is one of the main sources of noise," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 180–191.
- [SJVRGPSP12] S. Santander-Jiménez, M. A. Vega-Rodríguez, J. A. Gómez-Pulido, and J. M. Sánchez-Pérez, "Inferring phylogenetic trees using a multiobjective artificial bee colony algorithm," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 144-155.
- [STMCACAR12] C. E. Santiesteban-Toca, A. E. Márquez-Chamorro, G. Asencio-Cortés, and J. S. Aguilar-Ruiz, "Short-range interactions and decision tree-based protein contact map predictor," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 228–237.
- [VMB+12] L. Vanneschi, M. Mondini, M. Bertoni, A. Ronchi, and M. Stefano, "GeNet: A graph-based genetic programming framework for the reverse engineering of gene regulatory networks," in 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012, ser. LNCS, M. Giacobini, L. Vanneschi, and W. S. Bush, Eds., vol. 7246. Malaga, Spain: Springer Verlag, 11-13 April 2012, pp. 96–107.