Список литературы

- Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012.
- [2] Manning T, Walsh P. Automatic Task Decomposition for the NeuroEvolution of Augmenting Topologies (NEAT) Algorithm. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 1-12.
- [3] Manzoni L, Castelli M, Vanneschi L. Evolutionary Reaction Systems. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 13-24.
- [4] Rosenbaum L, Jahn A, Zell A. Optimizing the Edge Weights in Optimal Assignment Methods for Virtual Screening with Particle Swarm Optimization. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 25-36.
- [5] Darabos C, Giacobini M, Hu T, Moore JH. Lévy-flight GP: towards a new mutation paradigm. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 37-48.
- [6] Marini S, Conversi A. Understanding zooplankton long term variability through genetic programming. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 49-60.
- [7] Franken H, Seitz A, Lehmann R, Häring HU, Stefan N, Zell A. Inferring disease-related metabolite dependencies with a Bayesian Optimization Algorithm. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 61-72.
- [8] Nobile M, Besozzi D, Cazzaniga P, Mauri G, Pescini D. A GPU-based Multi-Swarm PSO Method for Parameter Estimation in Stochastic Biological Systems Exploiting Discrete-Time Target Series. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 73-84.
- [9] Pinheiro F, Santos F, Pacheco J. Tracking the evolution of cooperation in complex networked populations. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 85-95.
- [10] Vanneschi L, Mondini M, Bertoni M, Ronchi A, Stefano M. GeNet: A Graph-Based Genetic Programming Framework for the Reverse Engineering of Gene Regulatory Networks. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 96-107.
- [11] González-Álvarez DL, Vega-Rodríguez MA, Gómez-Pulido JA, Sánchez-Pérez JM. Finding Motifs in DNA Sequences Applying a Multiobjective Artificial Bee Colony (MOABC) Algorithm. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 108-19.

- [12] Pan Q, Darabos C, Moore JH. The Role of Mutations in Whole Genome Duplication. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 120-31.
- [13] Comparison of methods for meta-dimensional data analysis using in silico and biological data sets. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 132-43.
- [14] Santander-Jiménez S, Vega-Rodríguez MA, Gómez-Pulido JA, Sánchez-Pérez JM. Inferring Phylogenetic Trees Using a Multiobjective Artificial Bee Colony Algorithm. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 144-55.
- [15] Asencio-Cortés G, Aguilar-Ruiz JS, Márquez-Chamorro AE, Ruiz R, Santiesteban-Toca CE. Prediction of mitochondrial matrix protein structures based on feature selection and fragment assembly. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 156-67.
- [16] Kancherla K, Mukkala S. Feature Selection for Lung Cancer Detection using SVM based Recursive Feature Elimination Method. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 168-79.
- [17] Spirov A, Golyandina N, Holloway D, Alexandrov T, Spirova E, Lopes F. Measuring gene expression noise in early Drosophila embryos: the highly dynamic compartmentalized microenvironment of the blastoderm is one of the main sources of noise. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 180-91.
- [18] Granizo-Mackenzie D, Moore JH. Artificial Immune Systems Perform Valuable Work When Detecting Epistasis in Human Genetic Datasets. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 192-203.
- [19] Buchanan C, Wallace J, Frase A, Torstenson E, Pendergrass S, Ritchie M. A Biologically Informed Method for Detecting Associations with Rare Variants. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 204-15.
- [20] Pizzuti C, Rombo SE, Marchiori E. Complex detection in protein-protein interaction networks: a compact overview for researchers and practitioners. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 216-27.
- [21] Santiesteban-Toca CE, Márquez-Chamorro AE, Asencio-Cortés G, Aguilar-Ruiz JS. Short-range interactions and decision tree-based protein contact map predictor. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 228-37.
- [22] Márquez-Chamorro AE, Divina F, Aguilar-Ruiz JS, Bacardit J, Asencio-Cortés G, Santiesteban-Toca CE. A NSGA-II Algorithm for the Residue-residue Contact Prediction. In: Giacobini

- M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 238-48.
- [23] Langdon WB, Arno J. In Silico Infection of the Human Genome. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 249-52.
- [24] Cerutti F, Bertolotti L, Goldberg TL, Giacobini M. Improving Phylogenetic Tree Interpretability by means of Evolutionary Algorithms. In: Giacobini M, Vanneschi L, Bush WS, editors. 10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012. vol. 7246 of LNCS. Malaga, Spain: Springer Verlag; 2012. p. 253-6.