Список литературы

[hol, 2012] (2012). Comparison of methods for meta-dimensional data analysis using in silico and biological data sets. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 132–143, Malaga, Spain. Springer Verlag.

[Asencio-Cortés *et al.*, 2012] ASENCIO-CORTÉS, G., AGUILAR-RUIZ, J. S., MÁRQUEZ-CHAMORRO, A. E., RUIZ, R., and SANTIESTEBAN-TOCA, C. E. (2012). Prediction of mitochondrial matrix protein structures based on feature selection and fragment assembly. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 156–167, Malaga, Spain. Springer Verlag.

[Buchanan *et al.*, 2012] BUCHANAN, C., WALLACE, J., FRASE, A., TORSTENSON, E., PENDERGRASS, S., and RITCHIE, M. (2012). A Biologically Informed Method for Detecting Associations with Rare Variants. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 204–215, Malaga, Spain. Springer Verlag.

[Cerutti *et al.*, 2012] CERUTTI, F., BERTOLOTTI, L., GOLDBERG, T. L., and GIACOBINI, M. (2012). Improving Phylogenetic Tree Interpretability by means of Evolutionary Algorithms. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 253–256, Malaga, Spain. Springer Verlag.

[Darabos *et al.*, 2012] DARABOS, C., GIACOBINI, M., HU, T., and MOORE, J. H. (2012). Lévy-flight GP: towards a new mutation paradigm. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 37–48, Malaga, Spain. Springer Verlag.

[Franken *et al.*, 2012] FRANKEN, H., SEITZ, A., LEHMANN, R., HÄRING, H.-U., STEFAN, N., and ZELL, A. (2012). Inferring disease-related metabolite dependencies with a Bayesian Optimization Algorithm. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 61–72, Malaga, Spain. Springer Verlag.

[Giacobini *et al.*, 2012] GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors (2012). *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, Malaga, Spain. Springer Verlag.

[González-Álvarez *et al.*, 2012] GONZÁLEZ-ÁLVAREZ, D. L., VEGA-RODRÍGUEZ, M. A., GÓMEZ-PULIDO, J. A., and SÁNCHEZ-PÉREZ, J. M. (2012). Finding Motifs in DNA Sequences Applying a Multiobjective Artificial Bee Colony (MOABC) Algorithm. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 108–119, Malaga, Spain. Springer Verlag.

[Granizo-Mackenzie and Moore, 2012] GRANIZO-MACKENZIE, D. and MOORE, J. H. (2012). Artificial Immune Systems Perform Valuable Work When Detecting Epistasis in Human Genetic Datasets. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 192–203, Malaga, Spain. Springer Verlag.

[Kancherla and Mukkala, 2012] KANCHERLA, K. and MUKKALA, S. (2012). Feature Selection for Lung Cancer Detection using SVM based Recursive Feature Elimination Method. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 168–179, Malaga, Spain. Springer Verlag.

[LANGDON and ARNO, 2012] LANGDON, W. B. and ARNO, J. (2012). In Silico Infection of the Human Genome. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 249–252, Malaga, Spain. Springer Verlag.

[MANNING and WALSH, 2012] MANNING, T. and WALSH, P. (2012). Automatic Task Decomposition for the NeuroEvolution of Augmenting Topologies (NEAT) Algorithm. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 1–12, Malaga, Spain. Springer Verlag.

[MANZONI et al., 2012] MANZONI, L., CASTELLI, M., and VANNESCHI, L. (2012). Evolutionary Reaction Systems. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 13–24, Malaga, Spain. Springer Verlag.

[MARINI and CONVERSI, 2012] MARINI, S. and CONVERSI, A. (2012). Understanding zooplankton long term variability through genetic programming. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 49–60, Malaga, Spain. Springer Verlag.

[MÁRQUEZ-CHAMORRO et al., 2012] MÁRQUEZ-CHAMORRO, A. E., DIVINA, F., AGUILAR-RUIZ, J. S., BACARDIT, J., ASENCIO-CORTÉS, G., and SANTIESTEBAN-TOCA, C. E. (2012). A NSGA-II Algorithm for the Residue-residue Contact Prediction. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 238–248, Malaga, Spain. Springer Verlag.

[NOBILE et al., 2012] NOBILE, M., BESOZZI, D., CAZZANIGA, P., MAURI, G., and PESCINI, D. (2012). A GPU-based Multi-Swarm PSO Method for Parameter Estimation in Stochastic Biological Systems Exploiting Discrete-Time Target Series. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 73–84, Malaga, Spain. Springer Verlag.

[PAN et al., 2012] PAN, Q., DARABOS, C., and MOORE, J. H. (2012). The Role of Mutations in Whole Genome Duplication. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 120–131, Malaga, Spain. Springer Verlag.

[PINHEIRO et al., 2012] PINHEIRO, F., SANTOS, F., and PACHECO, J. (2012). Tracking the evolution of cooperation in complex networked populations. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 85–95, Malaga, Spain. Springer Verlag.

[PIZZUTI et al., 2012] PIZZUTI, C., ROMBO, S. E., and MARCHIORI, E. (2012). Complex detection in protein-protein interaction networks: a compact overview for researchers and practitioners. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 216–227, Malaga, Spain. Springer Verlag.

[ROSENBAUM et al., 2012] ROSENBAUM, L., JAHN, A., and ZELL, A. (2012). Optimizing the Edge Weights in Optimal Assignment Methods for Virtual Screening with Particle Swarm Optimization. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 25–36, Malaga, Spain. Springer Verlag.

[SANTANDER-JIMÉNEZ et al., 2012] SANTANDER-JIMÉNEZ, S., VEGA-RODRÍGUEZ, M. A., GÓMEZ-PULIDO, J. A., and SÁNCHEZ-PÉREZ, J. M. (2012). Inferring Phylogenetic Trees Using a Multiobjective Artificial Bee Colony Algorithm. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 144–155, Malaga, Spain. Springer Verlag.

[SANTIESTEBAN-TOCA et al., 2012] SANTIESTEBAN-TOCA, C. E., MÁRQUEZ-CHAMORRO, A. E., ASENCIO-CORTÉS, G., and AGUILAR-RUIZ, J. S. (2012). Short-range interactions and decision tree-based protein contact map predictor. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 228–237, Malaga, Spain. Springer Verlag.

[SPIROV et al., 2012] SPIROV, A., GOLYANDINA, N., HOLLOWAY, D., ALEXANDROV, T., SPIROVA, E., and LOPES, F. (2012). 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 GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 180–191, Malaga, Spain. Springer Verlag.

[VANNESCHI et al., 2012] VANNESCHI, L., MONDINI, M., BERTONI, M., RONCHI, A., and STEFANO, M. (2012). GeNet: A Graph-Based Genetic Programming Framework for the Reverse Engineering of Gene Regulatory Networks. In GIACOBINI, M., VANNESCHI, L., and BUSH, W. S., editors, *10th European Conference on Evolutionary Computation, Machine Learning and Data Mining in Bioinformatics, EvoBIO 2012*, volume 7246 of *LNCS*, pages 96–107, Malaga, Spain. Springer Verlag.