

Список литературы

- [Abdelbar(2012)] Abdelbar, A. M. (2012). Is there a computational advantage to representing evaporation rate in ant colony optimization as a gaussian random variable? In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1–8. (Philadelphia, Pennsylvania, USA: ACM).
- [Abdou et al.(2012)Abdou, Bloch, Charlet, & Spies] Abdou, W., Bloch, C., Charlet, D., & Spies, F. (2012). Adaptive multi-objective genetic algorithm using multi-pareto-ranking. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 449–456. (Philadelphia, Pennsylvania, USA: ACM).
- [Agogino et al.(2012)Agogino, HolmesParker, & Tumer] Agogino, A., HolmesParker, C., & Tumer, K. (2012). Evolving distributed resource sharing for cubesat constellations. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1015–1022. (Philadelphia, Pennsylvania, USA: ACM).
- [Ahmad et al.(2012)Ahmad, Khan, Mahmud, & Miller] Ahmad, A. M., Khan, G. M., Mahmud, S. A., & Miller, J. F. (2012). Breast cancer detection using cartesian genetic programming evolved artificial neural networks. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1031–1038. (Philadelphia, Pennsylvania, USA: ACM).
- [Akimoto(2012)] Akimoto, Y. (2012). Analysis of a natural gradient algorithm on monotonic convex-quadratic-composite functions. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1293–1300. (Philadelphia, Pennsylvania, USA: ACM).
- [Alexander et al.(2012)Alexander, Thiel, & Peacock] Alexander, B., Thiel, S., & Peacock, J. (2012). Application of evolutionary methods to 3d geoscience modelling. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo,

- J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1039–1046. (Philadelphia, Pennsylvania, USA: ACM).
- [Araya et al.(2012)Araya, Pérez, & Riff] Araya, I., Pérez, L., & Riff, M. C. (2012). Towards a population-based framework for improving stochastic local search algorithms. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 337–344. (Philadelphia, Pennsylvania, USA: ACM).
- [Arnold & Hansen(2012)] Arnold, D. V. & Hansen, N. (2012). A (1+1)-cma-es for constrained optimisation. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 297–304. (Philadelphia, Pennsylvania, USA: ACM).
- [Atwater et al.(2012)Atwater, Heywood, & Zincir-Heywood] Atwater, A., Heywood, M. I., & Zincir-Heywood, N. (2012). Gp under streaming data constraints: a case for pareto archiving? In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 703–710. (Philadelphia, Pennsylvania, USA: ACM).
- [Auerbach & Bongard(2012)] Auerbach, J. E. & Bongard, J. C. (2012). On the relationship between environmental and morphological complexity in evolved robots. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 521–528. (Philadelphia, Pennsylvania, USA: ACM).
- [Bailey et al.(2012)Bailey, Ventresca, & Ombuki-Berman] Bailey, A., Ventresca, M., & Ombuki-Berman, B. (2012). Automatic generation of graph models for complex networks by genetic programming. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 711–718. (Philadelphia, Pennsylvania, USA: ACM).
- [Barros et al.(2012)Barros, Basgalupp, de Carvalho, & Freitas] Barros, R. C., Basgalupp, M. P., de Carvalho, A. C., & Freitas, A. A. (2012). A hyper-heuristic evolutionary algorithm for automatically designing decision-tree algorithms. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan,

- S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1237–1244. (Philadelphia, Pennsylvania, USA: ACM).
- [Bassett et al.(2012)Bassett, Kamath, & De Jong] Bassett, J., Kamath, U., & De Jong, K. (2012). A new methodology for the gp theory toolbox. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 719–726. (Philadelphia, Pennsylvania, USA: ACM).
- [Baumbach et al.(2012)Baumbach, Friedrich, Kötzing, Krohmer, Müller, & Pauling] Baumbach, J., Friedrich, T., Kötzing, T., Krohmer, A., Müller, J., & Pauling, J. (2012). Efficient algorithms for extracting biological key pathways with global constraints. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 169–176. (Philadelphia, Pennsylvania, USA: ACM).
- [Beal et al.(2012)Beal, Mostafa, Mozeika, Axelrod, Adler, Markiewicz, & Usbeck] Beal, J., Mostafa, H., Mozeika, A., Axelrod, B., Adler, A., Markiewicz, G., & Usbeck, K. (2012). A manifold operator representation for adaptive design. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 529–536. (Philadelphia, Pennsylvania, USA: ACM).
- [Beck et al.(2012)Beck, de Paly, Hecht-Méndez, Bayer, & Zell] Beck, M., de Paly, M., Hecht-Méndez, J., Bayer, P., & Zell, A. (2012). Evaluation of the performance of evolutionary algorithms for optimization of low-enthalpy geothermal heating plants. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1047–1054. (Philadelphia, Pennsylvania, USA: ACM).
- [Beyer & Hellwig(2012)] Beyer, H.-G. & Hellwig, M. (2012). Mutation strength control by meta-es on the sharp ridge. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 305–312. (Philadelphia, Pennsylvania, USA: ACM).
- [Bischl et al.(2012)Bischl, Mersmann, Trautmann, & Preuß] Bischl, B., Mersmann, O., Trautmann, H., & Preuß, M. (2012). Algorithm selection based on exploratory landscape analysis and cost-sensitive learning. In GECCO '12: Proceedings of the fourteenth international conference

- on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 313–320. (Philadelphia, Pennsylvania, USA: ACM).
- [Bosman & Alderliesten(2012)] Bosman, P. A. & Alderliesten, T. (2012). Incremental gaussian model-building in multi-objective edas with an application to deformable image registration. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 241–248. (Philadelphia, Pennsylvania, USA: ACM).
- [Boumaza & Brun(2012)] Boumaza, A. & Brun, A. (2012). From neighbors to global neighbors in collaborative filtering: an evolutionary optimization approach. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 345–352. (Philadelphia, Pennsylvania, USA: ACM).
- [Branke & Elomari(2012)] Branke, J. & Elomari, J. A. (2012). Meta-optimization for parameter tuning with a flexible computing budget. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1245–1252. (Philadelphia, Pennsylvania, USA: ACM).
- [Bringmann & Friedrich(2012)] Bringmann, K. & Friedrich, T. (2012). Convergence of hypervolume-based archiving algorithms ii: competitiveness. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 457–464. (Philadelphia, Pennsylvania, USA: ACM).
- [Brockhoff et al.(2012)] Brockhoff, D., Wagner, T., & Trautmann, H. (2012). On the properties of the r2 indicator. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 465–472. (Philadelphia, Pennsylvania, USA: ACM).
- [Brownlee et al.(2012)] Brownlee, A. E., McCall, J. A., & Pelikan, M. (2012). Influence of selection on structure learning in markov network edas: an empirical study. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary

- computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 249–256. (Philadelphia, Pennsylvania, USA: ACM).
- [Candan et al.(2012)Candan, Goeffon, Lardeux, & Saubion] Candan, C., Goeffon, A., Lardeux, F., & Saubion, F. (2012). A dynamic island model for adaptive operator selection. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1253–1260. (Philadelphia, Pennsylvania, USA: ACM).
- [Canelas et al.(2012)Canelas, Neves, & Horta] Canelas, A., Neves, R., & Horta, N. (2012). A new sax-ga methodology applied to investment strategies optimization. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1055–1062. (Philadelphia, Pennsylvania, USA: ACM).
- [Castelli et al.(2012)Castelli, Manzoni, & Vanneschi] Castelli, M., Manzoni, L., & Vanneschi, L. (2012). Parameter tuning of evolutionary reactions systems. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 727–734. (Philadelphia, Pennsylvania, USA: ACM).
- [Cazenille et al.(2012)Cazenille, Bredeche, Hamann, & Stradner] Cazenille, L., Bredeche, N., Hamann, H., & Stradner, J. (2012). Impact of neuron models and network structure on evolving modular robot neural network controllers. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 89–96. (Philadelphia, Pennsylvania, USA: ACM).
- [Chalupa(2012)] Chalupa, D. (2012). On the efficiency of an order-based representation in the clique covering problem. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 353–360. (Philadelphia, Pennsylvania, USA: ACM).
- [Chatzinikolaou & Robertson(2012)] Chatzinikolaou, N. & Robertson, D. (2012). The use of reputation as noise-resistant selection bias in a co-evolutionary multi-agent system. In GECCO '12:

Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 983–990. (Philadelphia, Pennsylvania, USA: ACM).

- [Chen et al.(2012)Chen, Mazlack, & Lu] Chen, Y., Mazlack, L., & Lu, L. (2012). Learning fuzzy cognitive maps from data by ant colony optimization. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 9–16. (Philadelphia, Pennsylvania, USA: ACM).
- [Chicano et al.(2012)Chicano, Whitley, & Alba] Chicano, F., Whitley, D., & Alba, E. (2012). Exact computation of the expectation curves for uniform crossover. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1301–1308. (Philadelphia, Pennsylvania, USA: ACM).
- [Choi et al.(2012)Choi, Yoon, & Moon] Choi, J., Yoon, Y., & Moon, B.-R. (2012). An efficient genetic algorithm for subgraph isomorphism. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 361–368. (Philadelphia, Pennsylvania, USA: ACM).
- [Chou et al.(2012)Chou, Kimbrough, Sullivan-Fedock, Woodard, & Murphy] Chou, C., Kimbrough, S., Sullivan-Fedock, J., Woodard, C. J., & Murphy, F. H. (2012). Using interactive evolutionary computation (iec) with validated surrogate fitness functions for redistricting. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1071–1078. (Philadelphia, Pennsylvania, USA: ACM).
- [Churchill et al.(2012)Churchill, Husbands, & Philippides] Churchill, A. W., Husbands, P., & Philippides, A. (2012). Metaheuristic approaches to tool selection optimisation. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1079–1086. (Philadelphia, Pennsylvania, USA: ACM).

- [Coles(2012)] Coles, D. (2012). Efficient filters for the simulated evolution of small sorting networks. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 593–600. (Philadelphia, Pennsylvania, USA: ACM).
- [Collier & Wineberg(2012)] Collier, R. & Wineberg, M. (2012). An empirical approach to the measurement of interchromosomal distances in the genetic algorithm. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 601–608. (Philadelphia, Pennsylvania, USA: ACM).
- [Cornforth & Lipson(2012)] Cornforth, T. & Lipson, H. (2012). Symbolic regression of multiple-time-scale dynamical systems. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 735–742. (Philadelphia, Pennsylvania, USA: ACM).
- [Cussat-Blanc & Pollack(2012)] Cussat-Blanc, S. & Pollack, J. (2012). A cell-based developmental model to generate robot morphologies. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 537–544. (Philadelphia, Pennsylvania, USA: ACM).
- [Daolio et al.(2012)Daolio, Verel, Ochoa, & Tomassini] Daolio, F., Verel, S., Ochoa, G., & Tomassini, M. (2012). Local optima networks and the performance of iterated local search. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 369–376. (Philadelphia, Pennsylvania, USA: ACM).
- [De Lucia et al.(2012)De Lucia, Di Penta, Oliveto, & Panichella] De Lucia, A., Di Penta, M., Oliveto, R., & Panichella, A. (2012). Estimating the evolution direction of populations to improve genetic algorithms. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 617–624. (Philadelphia, Pennsylvania, USA: ACM).

- [de Oliveira Barros(2012)] de Oliveira Barros, M. (2012). An analysis of the effects of composite objectives in multiobjective software module clustering. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1205–1212. (Philadelphia, Pennsylvania, USA: ACM).
- [Derbel & Derbel(2012)] Derbel, H. & Derbel, B. (2012). On neighborhood tree search. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1261–1268. (Philadelphia, Pennsylvania, USA: ACM).
- [Doerr et al.(2012)Doerr, Hota, & Kötzing] Doerr, B., Hota, A., & Kötzing, T. (2012). Ants easily solve stochastic shortest path problems. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 17–24. (Philadelphia, Pennsylvania, USA: ACM).
- [Doucette et al.(2012)Doucette, Lichodziejewski, & Heywood] Doucette, J. A., Lichodziejewski, P., & Heywood, M. I. (2012). Hierarchical task decomposition through symbiosis in reinforcement learning. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 97–104. (Philadelphia, Pennsylvania, USA: ACM).
- [Drchal & Snorek(2012)] Drchal, J. & Snorek, M. (2012). Distance measures for hypergp with fitness sharing. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 545–552. (Philadelphia, Pennsylvania, USA: ACM).
- [Ebadi et al.(2012)Ebadi, Zhang, & Browne] Ebadi, T., Zhang, M., & Browne, W. (2012). Xcs-based versus ucs-based feature pattern classification system. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 839–846. (Philadelphia, Pennsylvania, USA: ACM).

- [Fernández et al.(2012)Fernández, Vico, & Doursat] Fernández, J. D., Vico, F., & Doursat, R. (2012). Complex and diverse morphologies can develop from a minimal genomic model. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 553–560. (Philadelphia, Pennsylvania, USA: ACM).
- [Ferrer et al.(2012)Ferrer, Kruse, Chicano, & Alba] Ferrer, J., Kruse, P. M., Chicano, F., & Alba, E. (2012). Evolutionary algorithm for prioritized pairwise test data generation. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1213–1220. (Philadelphia, Pennsylvania, USA: ACM).
- [Firoz et al.(2012)Firoz, Rahman, & Saha] Firoz, J. S., Rahman, M. S., & Saha, T. K. (2012). Bee algorithms for solving dna fragment assembly problem with noisy and noiseless data. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 201–208. (Philadelphia, Pennsylvania, USA: ACM).
- [Fitzgerald & Ryan(2012)] Fitzgerald, J. & Ryan, C. (2012). Exploring boundaries: optimising individual class boundaries for binary classification problem. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 743–750. (Philadelphia, Pennsylvania, USA: ACM).
- [Franco et al.(2012)Franco, Krasnogor, & Bacardit] Franco, M. A., Krasnogor, N., & Bacardit, J. (2012). Post-processing operators for decision lists. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 847–854. (Philadelphia, Pennsylvania, USA: ACM).
- [Fu et al.(2012)Fu, Johnston, & Zhang] Fu, W., Johnston, M., & Zhang, M. (2012). Genetic programming for edge detection using blocks to extract features. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 855–862. (Philadelphia, Pennsylvania, USA: ACM).

- [Garcia-Nieto & Alba(2012)] Garcia-Nieto, J. & Alba, E. (2012). Why six informants is optimal in pso. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 25–32. (Philadelphia, Pennsylvania, USA: ACM).
- [Garza-Fabre et al.(2012)Garza-Fabre, Toscano-Pulido, & Rodriguez-Tello] Garza-Fabre, M., Toscano-Pulido, G., & Rodriguez-Tello, E. (2012). Locality-based multiobjectivization for the hp model of protein structure prediction. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 473–480. (Philadelphia, Pennsylvania, USA: ACM).
- [Goldman & Tauritz(2012)] Goldman, B. W. & Tauritz, D. R. (2012). Linkage tree genetic algorithms: variants and analysis. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 625–632. (Philadelphia, Pennsylvania, USA: ACM).
- [Goues et al.(2012)Goues, Wemer, & Forrest] Goues, C. L., Wemer, W., & Forrest, S. (2012). Representations and operators for improving evolutionary software repair. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 959–966. (Philadelphia, Pennsylvania, USA: ACM).
- [Hardey et al.(2012)Hardey, Corapcioglu, Mattis, Goadrich, & Jadud] Hardey, K., Corapcioglu, E., Mattis, M., Goadrich, M., & Jadud, M. (2012). Exploring and evolving process-oriented control for real and virtual fire fighting robots. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 105–112. (Philadelphia, Pennsylvania, USA: ACM).
- [Harding et al.(2012)Harding, Graziano, Leitne, & Schmidhuber] Harding, S., Graziano, V., Leitne, J., & Schmidhuber, J. (2012). Mt-cgp: mixed type cartesian genetic programming. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 751–758. (Philadelphia, Pennsylvania, USA: ACM).

- [Harper(2012)] Harper, R. (2012). Spatial co-evolution: quicker, fitter and less bloated. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 759–766. (Philadelphia, Pennsylvania, USA: ACM).
- [Hauschild et al.(2012)Hauschild, Bhatia, & Pelikan] Hauschild, M., Bhatia, S., & Pelikan, M. (2012). Image segmentation using a genetic algorithm and hierarchical local search. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 633–640. (Philadelphia, Pennsylvania, USA: ACM).
- [Hausknecht et al.(2012)Hausknecht, Khandelwal, Miikkulainen, & Stone] Hausknecht, M., Khandelwal, P., Miikkulainen, R., & Stone, P. (2012). Hyperneat-ggp: a hyperneat-based atari general game player. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 217–224. (Philadelphia, Pennsylvania, USA: ACM).
- [Hemberg et al.(2012)Hemberg, Veeramachaneni, McDermott, Berzan, & O'Reilly] Hemberg, E., Veeramachaneni, K., McDermott, J., Berzan, C., & O'Reilly, U.-M. (2012). An investigation of local patterns for estimation of distribution genetic programming. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 767–774. (Philadelphia, Pennsylvania, USA: ACM).
- [Hennes et al.(2012)Hennes, Bloembergen, Kaisers, Tuyls, & Parsons] Hennes, D., Bloembergen, D., Kaisers, M., Tuyls, K., & Parsons, S. (2012). Evolutionary advantage of foresight in markets. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 943–950. (Philadelphia, Pennsylvania, USA: ACM).
- [Herbawi & Weber(2012)] Herbawi, W. M. & Weber, M. (2012). A genetic and insertion heuristic algorithm for solving the dynamic ridematching problem with time windows. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 385–392. (Philadelphia, Pennsylvania, USA: ACM).

- [Hernández et al.(2012)] Hernández, Olague, Clemente, & Dozal] Hernández, D., Olague, G., Clemente, E., & Dozal, L. (2012). Evolving a conspicuous point detector based on an artificial dorsal stream: Slam system. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1087–1094. (Philadelphia, Pennsylvania, USA: ACM).
- [Holena et al.(2012)] Holena, Linke, & Bajer] Holena, M., Linke, D., & Bajer, L. (2012). Surrogate modeling in the evolutionary optimization of catalytic materials. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1095–1102. (Philadelphia, Pennsylvania, USA: ACM).
- [Hornby & Bongard(2012)] Hornby, G. S. & Bongard, J. C. (2012). Accelerating human-computer collaborative search through learning comparative and predictive user models. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 225–232. (Philadelphia, Pennsylvania, USA: ACM).
- [Hu & Raidl(2012)] Hu, B. & Raidl, G. (2012). An evolutionary algorithm with solution archives and bounding extension for the generalized minimum spanning tree problem. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 393–400. (Philadelphia, Pennsylvania, USA: ACM).
- [hui Zhong & Zhang(2012)] hui Zhong, J. & Zhang, J. (2012). Sde: a stochastic coding differential evolution for global optimization. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 975–982. (Philadelphia, Pennsylvania, USA: ACM).
- [Iclanzan(2012)] Iclanzan, D. (2012). Higher-order linkage learning in the ecga. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 265–272. (Philadelphia, Pennsylvania, USA: ACM).

- [Inden(2012)] Inden, B. (2012). Open-ended coevolution and the emergence of complex irreducible functional units in iterated number sequence games. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 113–120. (Philadelphia, Pennsylvania, USA: ACM).
- [Iqbal et al.(2012)] Iqbal, M., Browne, W. N., & Zhang, M. (2012). Extracting and using building blocks of knowledge in learning classifier systems. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 863–870. (Philadelphia, Pennsylvania, USA: ACM).
- [Ishibuchi et al.(2012)] Ishibuchi, H., Yamane, M., & Nojima, Y. (2012). Effects of discrete objective functions with different granularities on the search behavior of emo algorithms. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 481–488. (Philadelphia, Pennsylvania, USA: ACM).
- [Jansen & Zarges(2012)] Jansen, T. & Zarges, C. (2012). Fixed budget computations: a different perspective on run time analysis. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1325–1332. (Philadelphia, Pennsylvania, USA: ACM).
- [Jeanson & White(2012)] Jeanson, F. & White, A. (2012). Evolving axonal delay neural networks for robot control. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 121–128. (Philadelphia, Pennsylvania, USA: ACM).
- [jie Yu & Zhang(2012)] jie Yu, W. & Zhang, J. (2012). Adaptive differential evolution with optimization state estimation. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1285–1292. (Philadelphia, Pennsylvania, USA: ACM).
- [Joachimczak & Wróbel(2012)] Joachimczak, M. & Wróbel, B. (2012). Co-evolution of morphology and control of soft-bodied multicellular animats. In GECCO '12: Proceedings of the fourteenth

- international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 561–568. (Philadelphia, Pennsylvania, USA: ACM).
- [Karim & Ryan(2012)] Karim, M. R. & Ryan, C. (2012). Sensitive ants are sensible ants. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 775–782. (Philadelphia, Pennsylvania, USA: ACM).
- [Kattan & Arif(2012)] Kattan, A. & Arif, M. (2012). Pso based on surrogate modeling as meta-search to optimise evolutionary algorithms parameters. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 401–408. (Philadelphia, Pennsylvania, USA: ACM).
- [Kneissler et al.(2012)] Kneissler, Stalph, Drugowitsch, & Butz] Kneissler, J., Stalph, P. O., Drugowitsch, J., & Butz, M. V. (2012). Filtering sensory information with xcsf: improving learning robustness and control performance. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 871–878. (Philadelphia, Pennsylvania, USA: ACM).
- [Koetzing et al.(2012)] Koetzing, Sutton, Neumann, & O'Reilly] Koetzing, T., Sutton, A. M., Neumann, F., & O'Reilly, U.-M. (2012). The max problem revisited: the importance of mutation in genetic programming. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1333–1340. (Philadelphia, Pennsylvania, USA: ACM).
- [Kowaliw & Banzhaf(2012)] Kowaliw, T. & Banzhaf, W. (2012). The unconstrained automated generation of cell image features for medical diagnosis. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1103–1110. (Philadelphia, Pennsylvania, USA: ACM).

- [Krawiec(2012)] Krawiec, K. (2012). On relationships between semantic diversity, complexity and modularity of programming tasks. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 783–790. (Philadelphia, Pennsylvania, USA: ACM).
- [Krupa et al.(2012)] Krupa, Chatterjee, Eldridge, Rizzo, & Eppstein] Krupa, J. S., Chatterjee, S., Eldridge, E., Rizzo, D. M., & Eppstein, M. J. (2012). Evolutionary feature selection for classification: a plug-in hybrid vehicle adoption application. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1111–1118. (Philadelphia, Pennsylvania, USA: ACM).
- [Landa et al.(2012)] Landa, Rojas, & Toscano-Pulido] Landa, R., Rojas, Y., & Toscano-Pulido, G. (2012). An approach for estimating separability and its application on high dimensional optimization. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 951–958. (Philadelphia, Pennsylvania, USA: ACM).
- [Lee & Yu(2012)] Lee, H. & Yu, T.-L. (2012). Off-line building block identification: detecting building blocks directly from fitness without genetic algorithms. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 641–648. (Philadelphia, Pennsylvania, USA: ACM).
- [Levesque et al.(2012)] Levesque, Durand, Gagne, & Sabourin] Levesque, J.-C., Durand, A., Gagne, C., & Sabourin, R. (2012). Multi-objective evolutionary optimization for generating ensembles of classifiers in the roc space. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 879–886. (Philadelphia, Pennsylvania, USA: ACM).
- [Lim & Bentley(2012)] Lim, S. L. & Bentley, P. J. (2012). How to be a successful app developer: lessons from the simulation of an app ecosystem. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 129–136. (Philadelphia, Pennsylvania, USA: ACM).

- [Loscalzo et al.(2012)Loscalzo, Wright, Acunto, & Yu] Loscalzo, S., Wright, R., Acunto, K., & Yu, L. (2012). Sample aware embedded feature selection for reinforcement learning. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 887–894. (Philadelphia, Pennsylvania, USA: ACM).
- [Loshchilov et al.(2012)Loshchilov, Schoenauer, & Sebag] Loshchilov, I., Schoenauer, M., & Sebag, M. (2012). Self-adaptive surrogate-assisted covariance matrix adaptation evolution strategy. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 321–328. (Philadelphia, Pennsylvania, USA: ACM).
- [Loureço & Pereira(2012)] Loureço, N. & Pereira, F. B. (2012). Dacco: a discrete ant colony algorithm to cluster geometry optimization. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 41–48. (Philadelphia, Pennsylvania, USA: ACM).
- [Ly et al.(2012)Ly, Saxena, & Lipson] Ly, D. L., Saxena, A., & Lipson, H. (2012). Co-evolutionary predictors for kinematic pose inference from rgb-d images. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 967–974. (Philadelphia, Pennsylvania, USA: ACM).
- [Machado & Pereira(2012)] Machado, P. & Pereira, L. (2012). Photogrowth: non-photorealistic renderings through ant paintings. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 233–240. (Philadelphia, Pennsylvania, USA: ACM).
- [Macharet et al.(2012)Macharet, Neto, Fiuza da Camara Neto, & Campos] Macharet, D. G., Neto, A. A., Fiuza da Camara Neto, V., & Campos, M. M. (2012). An evolutionary approach for the dubins' traveling salesman problem with neighborhoods. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 377–384. (Philadelphia, Pennsylvania, USA: ACM).

- [Marco et al.(2012)Marco, Shankland, & Cairns] Marco, D., Shankland, C., & Cairns, D. (2012). Evolving bio-pepa process algebra models using genetic programming. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 177–184. (Philadelphia, Pennsylvania, USA: ACM).
- [Martins et al.(2012)Martins, Lourenço, & Horta] Martins, R., Lourenço, N., & Horta, N. (2012). Laygen ii: automatic analog ics layout generator based on a template approach. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1127–1134. (Philadelphia, Pennsylvania, USA: ACM).
- [Marzukhi et al.(2012)Marzukhi, Browne, & Zhang] Marzukhi, S., Browne, W. N., & Zhang, M. (2012). Two-cornered learning classifier systems for pattern generation and classification. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 895–902. (Philadelphia, Pennsylvania, USA: ACM).
- [McCarney et al.(2012)McCarney, Houghten, & Ross] McCarney, D. E., Houghten, S., & Ross, B. J. (2012). Evolutionary approaches to the generation of optimal error correcting codes. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1135–1142. (Philadelphia, Pennsylvania, USA: ACM).
- [McDermott et al.(2012)McDermott, White, Luke, Manzoni, Castelli, Vanneschi, Jaskowski, Krawiec, Harper, De Jong, & McDermott] McDermott, J., White, D. R., Luke, S., Manzoni, L., Castelli, M., Vanneschi, L., Jaskowski, W., Krawiec, K., Harper, R., De Jong, K., & O'Reilly, U.-M. (2012). Genetic programming needs better benchmarks. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 791–798. (Philadelphia, Pennsylvania, USA: ACM).
- [Medland & Otero(2012)] Medland, M. & Otero, F. (2012). A study of different quality evaluation functions in the cant-miner(pb) classification algorithm. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark,

- G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 49–56. (Philadelphia, Pennsylvania, USA: ACM).
- [Mendoza et al.(2012)Mendoza, Lopes, & Bazzan] Mendoza, M. R., Lopes, F. M., & Bazzan, A. L. C. (2012). Reverse engineering of grns: an evolutionary approach based on the tsallis entropy. In *GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference*, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 185–192. (Philadelphia, Pennsylvania, USA: ACM).
- [Meng & Guo(2012)] Meng, Y. & Guo, H. (2012). Evolving network motifs based morphogenetic approach for self-organizing robotic swarms. In *GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference*, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 137–144. (Philadelphia, Pennsylvania, USA: ACM).
- [Minku et al.(2012)Minku, Sudholt, & Yao] Minku, L. L., Sudholt, D., & Yao, X. (2012). Evolutionary algorithms for the project scheduling problem: runtime analysis and improved design. In *GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference*, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1221–1228. (Philadelphia, Pennsylvania, USA: ACM).
- [Moore & McKinley(2012)] Moore, J. M. & McKinley, P. K. (2012). Evolving flexible joint morphologies. In *GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference*, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 145–152. (Philadelphia, Pennsylvania, USA: ACM).
- [Moraglio & Sudholt(2012)] Moraglio, A. & Sudholt, D. (2012). Runtime analysis of convex evolutionary search. In *GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference*, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 649–656. (Philadelphia, Pennsylvania, USA: ACM).
- [Moreno-Scott et al.(2012)Moreno-Scott, Ortíz-Bayliss, Terashima-Marín, & Conant-Pablos] Moreno-Scott, J. H., Ortíz-Bayliss, J. C., Terashima-Marín, H., & Conant-Pablos, S. E. (2012). Challenging heuristics: evolving binary constraint satisfaction problems. In *GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference*, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson,

- G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 409–416. (Philadelphia, Pennsylvania, USA: ACM).
- [Moriguchi & Honiden(2012)] Moriguchi, H. & Honiden, S. (2012). Cma-tweann: efficient optimization of neural networks via self-adaptation and seamless augmentation. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 903–910. (Philadelphia, Pennsylvania, USA: ACM).
- [Munoz-Zavala & Hernandez-Ramos(2012)] Munoz-Zavala, A. E. & Hernandez-Ramos, E. J. (2012). Optimal cyclic replacement policy in mss maintenance via binomial-pso. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 57–64. (Philadelphia, Pennsylvania, USA: ACM).
- [Nagy et al.(2012)Nagy, Suci, & Dumitrescu] Nagy, R., Suci, M. A., & Dumitrescu, D. (2012). Lorenz equilibrium: equitability in non-cooperative games. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 489–496. (Philadelphia, Pennsylvania, USA: ACM).
- [Nascimento et al.(2012)Nascimento, Toledo, & Carvalho] Nascimento, M., Toledo, F., & Carvalho, A. (2012). A hybrid heuristic for the k-medoids clustering problem. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 417–424. (Philadelphia, Pennsylvania, USA: ACM).
- [Nebel et al.(2012)Nebel, Richter, & Weicker] Nebel, P., Richter, G., & Weicker, K. (2012). Multi-container loading with non-convex 3d shapes using a ga/ts hybrid. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1143–1150. (Philadelphia, Pennsylvania, USA: ACM).
- [Neumann(2012)] Neumann, F. (2012). Computational complexity analysis of multi-objective genetic programming. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat,

- S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 799–806. (Philadelphia, Pennsylvania, USA: ACM).
- [Oliveto & Witt(2012)] Oliveto, P. S. & Witt, C. (2012). On the analysis of the simple genetic algorithm. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1341–1348. (Philadelphia, Pennsylvania, USA: ACM).
- [Ortiz-Bayliss et al.(2012)] Ortiz-Bayliss, Terashima-Marín, Conant-Pablos, Özcan, & Parkes] Ortiz-Bayliss, J. C., Terashima-Marín, H., Conant-Pablos, S. E., Özcan, E., & Parkes, A. J. (2012). Improving the performance of vector hyper-heuristics through local search. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1269–1276. (Philadelphia, Pennsylvania, USA: ACM).
- [Pelikan & Hauschild(2012)] Pelikan, M. & Hauschild, M. W. (2012). Distance-based bias in model-directed optimization of additively decomposable problems. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 273–280. (Philadelphia, Pennsylvania, USA: ACM).
- [Phan et al.(2012)] Phan, Suzuki, & Hayashi] Phan, D. H., Suzuki, J., & Hayashi, I. (2012). Leveraging indicator-based ensemble selection in evolutionary multiobjective optimization algorithms. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 497–504. (Philadelphia, Pennsylvania, USA: ACM).
- [Phong et al.(2012)] Phong, Hoai, McKay, Siriteanu, Uy, & Park] Phong, D. N., Hoai, N. X., McKay, R. I., Siriteanu, C., Uy, N. Q., & Park, N. (2012). Evolving the best known approximation to the q function. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 807–814. (Philadelphia, Pennsylvania, USA: ACM).
- [Piperagkas et al.(2012)] Piperagkas, Georgoulas, Parsopoulos, Stylios, & Likas] Piperagkas, G. S., Georgoulas, G., Parsopoulos, K. E., Stylios, C. D., & Likas, A. C. (2012). Integrating particle swarm optimization with reinforcement learning in noisy problems. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti,

- J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 65–72. (Philadelphia, Pennsylvania, USA: ACM).
- [Pizzuti & Rombo(2012)] Pizzuti, C. & Rombo, S. (2012). Experimental evaluation of topological-based fitness functions to detect complexes in ppi networks. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 193–200. (Philadelphia, Pennsylvania, USA: ACM).
- [Qin et al.(2012)Qin, Raimondo, Forbes, & Ong] Qin, A. K., Raimondo, F., Forbes, F., & Ong, Y. S. (2012). An improved cuda-based implementation of differential evolution on gpu. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 991–998. (Philadelphia, Pennsylvania, USA: ACM).
- [Richards et al.(2012)Richards, Dunn, & Amos] Richards, D., Dunn, N., & Amos, M. (2012). An evo-devo approach to architectural design. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 569–576. (Philadelphia, Pennsylvania, USA: ACM).
- [Rojas-Galeano & Rodriguez(2012)] Rojas-Galeano, S. & Rodriguez, N. (2012). A memory efficient and continuous-valued compact eda for large scale problems. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 281–288. (Philadelphia, Pennsylvania, USA: ACM).
- [Rotaru & Brudaru(2012)] Rotaru, C. & Brudaru, O. (2012). Dynamic segregative genetic algorithm for optimizing the variable ordering of robdds. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 657–664. (Philadelphia, Pennsylvania, USA: ACM).
- [Rowe & Sudholt(2012)] Rowe, J. E. & Sudholt, D. (2012). The choice of the offspring population size in the (1,lambda) ea. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche,

- S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1349–1356. (Philadelphia, Pennsylvania, USA: ACM).
- [Santana et al.(2012)] Santana, Bonnet, Legény, & Lécuyer] Santana, R., Bonnet, L., Legény, J., & Lécuyer, A. (2012). Introducing the use of model-based evolutionary algorithms for eeg-based motor imagery classification. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1159–1166. (Philadelphia, Pennsylvania, USA: ACM).
- [Sarasola & Alba(2012)] Sarasola, B. & Alba, E. (2012). How long should we run in dynamic optimization? In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 665–672. (Philadelphia, Pennsylvania, USA: ACM).
- [Sayama(2012)] Sayama, H. (2012). Morphologies of self-organizing swarms in 3d swarm chemistry. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 577–584. (Philadelphia, Pennsylvania, USA: ACM).
- [Schaul(2012)] Schaul, T. (2012). Natural evolution strategies converge on sphere functions. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 329–336. (Philadelphia, Pennsylvania, USA: ACM).
- [Shao et al.(2012)] Shao, Liu, Zhou, Zhan, Liu, Chu, & Chen] Shao, S., Liu, X., Zhou, M., Zhan, J., Liu, X., Chu, Y., & Chen, H. (2012). A gpu-based implementation of an enhanced gep algorithm. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 999–1006. (Philadelphia, Pennsylvania, USA: ACM).
- [Simoes & Costa(2012)] Simoes, A. & Costa, E. (2012). Enhancing the virtual loser genetic algorithm for dynamic environments. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 673–680. (Philadelphia, Pennsylvania, USA: ACM).

[Smith & Hussain(2012)] Smith, R. E. & Hussain, M. S. (2012). Hybrid metaheuristic particle filters for stochastic volatility estimation. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1167–1174. (Philadelphia, Pennsylvania, USA: ACM).

[Soares et al.(2012)Soares, Antunes, & Araújo] Soares, S., Antunes, C., & Araújo, R. (2012). A genetic algorithm for designing neural network ensembles. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 681–688. (Philadelphia, Pennsylvania, USA: ACM).

[Solomon et al.(2012)Solomon, Soule, & Heckendorn] Solomon, M., Soule, T., & Heckendorn, R. B. (2012). A comparison of a communication strategies in cooperative learning. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 153–160. (Philadelphia, Pennsylvania, USA: ACM).

[Song & Li(2012)] Song, B. & Li, V. (2012). A hybridization between memetic algorithm and semidefinite relaxation for the max-cut problem. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 425–432. (Philadelphia, Pennsylvania, USA: ACM).

[Soule et al.(2012)Soule, Auger, Moore, Pelta, Solnon, Preuss, Dorin, Ong, Blum, Silva, Neumann, Yu, Ekart, Browne, K. Soule, T., Auger, A., Moore, J., Pelta, D., Solnon, C., Preuss, M., Dorin, A., Ong, Y.-S., Blum, C., Silva, D. L., Neumann, F., Yu, T., Ekart, A., Browne, W., Kovacs, T., Wong, M.-L., Pizzuti, C., Rowe, J., Friedrich, T., Squillero, G., Bredeche, N., Smith, S., Motsinger-Rei, A., Lozano, J., Pelikan, M., Meyer-Nienber, S., Igel, C., Hornby, G., Doursat, R., Gustafson, S., Olague, G., Yoo, S., Clark, J., Ochoa, G., Pappa, G., Lobo, F., Tauritz, D., Branke, J., & Deb, K. eds. (2012). GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, Philadelphia, Pennsylvania, USA.

[Spector et al.(2012)Spector, Harrington, & Helmuth] Spector, L., Harrington, K., & Helmuth, T. (2012). Tag-based modularity in tree-based genetic programming. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 815–822. (Philadelphia, Pennsylvania, USA: ACM).

- [Stalphy & Butz(2012)] Stalphy, P. O. & Butz, M. V. (2012). Guided evolution in xcsf. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 911–918. (Philadelphia, Pennsylvania, USA: ACM).
- [Stonedahl & Stonedahl(2012)] Stonedahl, F. & Stonedahl, S. (2012). Darwinian rivers: evolving stream topographies to match hyporheic residence time distributions. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1175–1182. (Philadelphia, Pennsylvania, USA: ACM).
- [Sudholt(2012)] Sudholt, D. (2012). Crossover speeds up building-block assembly. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 689–702. (Philadelphia, Pennsylvania, USA: ACM).
- [Sutton et al.(2012)] Sutton, Day, & Neumann] Sutton, A. M., Day, J., & Neumann, F. (2012). A parameterized runtime analysis of evolutionary algorithms for max-2-sat. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 433–440. (Philadelphia, Pennsylvania, USA: ACM).
- [Swafford et al.(2012)] Swafford, Nicolau, Hemberg, O'Neill, & Brabazon] Swafford, J., Nicolau, M., Hemberg, E., O'Neill, M., & Brabazon, A. (2012). Comparing methods for module identification in grammatical evolution. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 823–830. (Philadelphia, Pennsylvania, USA: ACM).
- [Tanev et al.(2012)] Tanev, Kuyucu, & Shimohara] Tanev, I., Kuyucu, T., & Shimohara, K. (2012). On the cumulative effect of bloat and genetic transposition on the efficiency of incremental evolution of snake-like robot. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 161–168. (Philadelphia, Pennsylvania, USA: ACM).

- [Tansey et al.(2012)Tansey, Feasley, & Miikkulainen] Tansey, W., Feasley, E., & Miikkulainen, R. (2012). Accelerating evolution via egalitarian social learning. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 919–926. (Philadelphia, Pennsylvania, USA: ACM).
- [Thierens & Bosman(2012)] Thierens, D. & Bosman, P. (2012). Predetermined versus learned linkage models. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 289–296. (Philadelphia, Pennsylvania, USA: ACM).
- [tian Xu & Zhang(2012)] tian Xu, R. & Zhang, J. (2012). Estimating markov switching model using differential evolution algorithm in prospective infectious disease outbreak detection. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1183–1190. (Philadelphia, Pennsylvania, USA: ACM).
- [Urbanowicz et al.(2012)Urbanowicz, Granizo-Mackenzie, & Moore] Urbanowicz, R., Granizo-Mackenzie, A., & Moore, J. (2012). Instance-linked attribute tracking and feedback for michigan-style supervised learning classifier systems. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 927–934. (Philadelphia, Pennsylvania, USA: ACM).
- [Veerapen et al.(2012)Veerapen, Maturana, & Saubion] Veerapen, N., Maturana, J., & Saubion, F. (2012). An exploration-exploitation compromise-based adaptive operator selection for local search. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1277–1284. (Philadelphia, Pennsylvania, USA: ACM).
- [Vellasques et al.(2012)Vellasques, Sabourin, & Granger] Vellasques, E., Sabourin, R., & Granger, E. (2012). Gaussian mixture modeling for dynamic particle swarm optimization of recurrent problems. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 73–80. (Philadelphia, Pennsylvania, USA: ACM).

- [Vendramin et al.(2012)Vendramin, Munaretto, de Biase da Silva Delgado, & Viana] Vendramin, A. C. B. K., Munaretto, A., de Biase da Silva Delgado, M. R., & Viana, A. C. (2012). Cgrant: a swarm intelligence-based routing protocol for delay tolerant networks. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 33–40. (Philadelphia, Pennsylvania, USA: ACM).
- [Vilela Neto et al.(2012)Vilela Neto, Pimentel, Pacheco, & Ênio Frota da Silveira] Vilela Neto, O. P., Pimentel, A. S., Pacheco, M. A. C., & Ênio Frota da Silveira (2012). Evolutionary algorithms applied to elucidate ionic water cluster structure formation. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1151–1158. (Philadelphia, Pennsylvania, USA: ACM).
- [Villalobos & Coello(2012)] Villalobos, C. A. R. & Coello, C. A. C. (2012). A new multi-objective evolutionary algorithm based on a performance assessment indicator. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 505–512. (Philadelphia, Pennsylvania, USA: ACM).
- [Wang et al.(2012)Wang, Purshouse, & Fleming] Wang, R., Purshouse, R., & Fleming, P. (2012). Local preference-inspired co-evolutionary algorithms. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 513–520. (Philadelphia, Pennsylvania, USA: ACM).
- [Weise et al.(2012)Weise, Devert, & Tang] Weise, T., Devert, A., & Tang, K. (2012). A developmental solution to (dynamic) capacitated arc routing problems using genetic programming. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 831–838. (Philadelphia, Pennsylvania, USA: ACM).
- [Whitley & Chen(2012)] Whitley, D. & Chen, W. (2012). Constant time steepest descent local search with lookahead for nk-landscapes and max-ksat. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano,

- M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1357–1364. (Philadelphia, Pennsylvania, USA: ACM).
- [Wilkerson et al.(2012)Wilkerson, Tauritz, & Bridges] Wilkerson, J. L., Tauritz, D. R., & Bridges, J. M. (2012). Multi-objective coevolutionary automated software correction. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1229–1236. (Philadelphia, Pennsylvania, USA: ACM).
- [Xue et al.(2012)Xue, Zhang, & Browne] Xue, B., Zhang, M., & Browne, W. N. (2012). Multi-objective particle swarm optimisation (pso) for feature selection. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 81–88. (Philadelphia, Pennsylvania, USA: ACM).
- [Yagoubi & Schoenauer(2012)] Yagoubi, M. & Schoenauer, M. (2012). Asynchronous master/slave moeas and heterogeneous evaluation costs. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1007–1014. (Philadelphia, Pennsylvania, USA: ACM).
- [Yang et al.(2012)Yang, Guang, Säntti, & Plosila] Yang, B., Guang, L., Säntti, T., & Plosila, J. (2012). t(k)-sa: accelerated simulated annealing algorithm for application mapping on networks-on-chip. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 1191–1198. (Philadelphia, Pennsylvania, USA: ACM).
- [Zaki et al.(2012)Zaki, Berengueres, & Efimov] Zaki, N., Berengueres, J., & Efimov, D. (2012). Prorank: a method for detecting protein complexes. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne, T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 209–216. (Philadelphia, Pennsylvania, USA: ACM).
- [Zhang et al.(2012)Zhang, Manier, & Manier] Zhang, Q., Manier, H., & Manier, M.-A. (2012). A hybrid metaheuristic algorithm for flexible job-shop scheduling problems with transportation constraints. In GECCO '12: Proceedings of the fourteenth international conference on Genetic and evolutionary computation conference, T. Soule, A. Auger, J. Moore, D. Pelta, C. Solnon, M. Preuss, A. Dorin, Y.-S. Ong, C. Blum, D. L. Silva, F. Neumann, T. Yu, A. Ekart, W. Browne,

T. Kovacs, M.-L. Wong, C. Pizzuti, J. Rowe, T. Friedrich, G. Squillero, N. Bredeche, S. Smith, A. Motsinger-Rei, J. Lozano, M. Pelikan, S. Meyer-Nienber, C. Igel, G. Hornby, R. Doursat, S. Gustafson, G. Olague, S. Yoo, J. Clark, G. Ochoa, G. Pappa, F. Lobo, D. Tauritz, J. Branke, & K. Deb, eds., pp. 441–448. (Philadelphia, Pennsylvania, USA: ACM).