Список литературы

- [Abbattista et al.(1999)Abbattista, Carofiglio, and Koppen] Fabio Abbattista, Valeria Carofiglio, and Mario Koppen. Scout Algorithms and Genetic Algorithms: A Comparative Study. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 769 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Adamopoulos et al.(1999)Adamopoulos, Georgopoulos, Likothanassis, and Anninos] Adam V. Adamopoulos, Efstratios F. Georgopoulos, Spiridon D. Likothanassis, and Photios A. Anninos. Forecasting the MagnetoEncephaloGram (MEG) of Epileptic Patients Using Genetically Optimized Neural Networks. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1457–1462 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Agapie(1999)] Alexandru Agapie. Random Systems with Complete Connections. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 770 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Aguilar et al.(1999) Aguilar, Riquelme, and Toro] Jesus Aguilar, Jose Riquelme, and Miguel Toro. Three Geometric Approaches for representing Decision Rules in a Supervised Learning System. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 771 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Aguilar and Miranda(1999)] Jose Aguilar and Pablo Miranda. Approaches Based on Genetic Algorithms for Multiobjective Optimization Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 3–10 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Aguirre et al.(1999)Aguirre, Tanaka, and Sugimura] Hernan E. Aguirre, Kiyoshi Tanaka, and Tatsuo Sugimura. Cooperative Crossover and Mutation Operators in Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 772 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ahluwalia and Bull(1999a)] Manu Ahluwalia and Larry Bull. Coevolving Functions in Genetic Programming: Classification using K-nearest-neighbour. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 947–952 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Ahluwalia and Bull(1999b)] Manu Ahluwalia and Larry Bull. A Genetic Programming-based Classifier System. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 11–18 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Alba et al.(1999)Alba, Cotta, and Troya] Enrique Alba, Carlos Cotta, and Jose M. Troya. Entropic and Real-Time Analysis of the Search with Panmictic, Structured, and Parallel Distributed Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 773 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Aparicio et al.(1999)Aparicio, Correia, and Moura-Pires] Joaquim N. Aparicio, Luis Correia, and Fernando Moura-Pires. *Populations are Multisets-PLATO*. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 2, pp. 1845–1850 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Bael et al.(1999)Bael, Devogelaere, and Rijckaert] Patrick Van Bael, Dirk Devogelaere, and M. Rijckaert. The Job Shop Problem Solved with Simple, Basic Evolutionary Search Elements. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 665–669 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Bagnall and Smith(1999)] A. J. Bagnall and G. D. Smith. Using an Adaptive Agent to Bid in a Simplified Model of the UK Market in Electricity. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 774 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Barry(1999a)] Alwyn Barry. Aliasing in XCS and the Consecutive State Problem: 1 Effects. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 19–26 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Barry(1999b)] Alwyn Barry. Aliasing in XCS and the Consecutive State Problem: 2 Solutions. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 27–34 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Battle et al.(1999)Battle, Homaifar, Tunstel, and Dozier] Daryl Battle, Abdollah Homaifar, Edward Tunstel, and Gerry Dozier. Genetic Programming of Full Knowledge Bases for Fuzzy Logic Controllers. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1463–1468 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Beck and Parmee(1999)] M. A. Beck and I. C. Parmee. Extending the bounds of the search space: A Multi-Population approach. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1469–1476 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Beligiannis et al.(1999)Beligiannis, Demiris, and Likothanassis] G. N. Beligiannis, E. N. Demiris, and S. D. Likothanassis. Evolutionary Multimodel Partitioning Filters for Nonlinear Systems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1227 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Bentley and Kumar(1999)] Peter Bentley and Sanjeev Kumar. Three Ways to Grow Designs: A Comparison of Embryogenies for an Evolutionary Design Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 35–43 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Berger et al.(1999)Berger, Sassi, and Salois] Jean Berger, Mourad Sassi, and Martin Salois. A Hybrid Genetic Algorithm for the Vehicle Routing Problem with Time Windows and Itinerary Constraints. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant

- Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 1, pp. 44–51 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Best(1999)] Michael L. Best. Coevolving Mutualists Guide Simulated Evolution. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 941 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Beyer and Arnold(1999)] Hans-Georg Beyer and Dirk V. Arnold. Fitness Noise and Localization Errors of the Optimum in General Quadratic Fitness Models. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 817–824 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Boettcher and Percus(1999)] Stefan Boettcher and Allon G. Percus. Extremal Optimization: Methods derived from Co-Evolution. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 825–832 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Bojarczuk et al.(1999)Bojarczuk, Lopes, and Freitas] Celia C. Bojarczuk, Heitor S. Lopes, and Alex A. Freitas. Discovering comprehensible classification rules by using Genetic Programming: a case study in a medical domain. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 953–958 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Bonarini(1999)] Andrea Bonarini. Comparing Reinforcement Learning Algorithms Applied to Crisp and Fuzzy Learning Classifier Systems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 52–59 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Bonham and Parmee(1999)] Christopher R. Bonham and Ian C. Parmee. An Investigation of Exploration and Exploitation Within Cluster Oriented Genetic Algorithms (COGAs). In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1491–1497 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Bosman and Thierens(1999)] Peter A. N. Bosman and Dirk Thierens. Linkage Information Processing In Distribution Estimation Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 60–67 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Brameier et al.(1999)Brameier, Hoffmann, Nordin, Banzhaf, and Francone] Markus Brameier, Frank Hoffmann, Peter Nordin, Wolfgang Banzhaf, and Frank Francone. Parallel Machine Code Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1228 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Branke et al.(1999)Branke, Cutaia, and Dold] Jurgen Branke, Massimo Cutaia, and Heinrich Dold. Reducing Genetic Drift in Steady State Evolutionary Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 68–74 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Brizuela and Sannomiya(1999)] Carlos A. Brizuela and Nobuo Sannomiya. A Diversity Study in Genetic Algorithms for Job Shop Scheduling Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 75–82 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Bull(1999)] Larry Bull. On using ZCS in a Simulated Continuous Double-Auction Market. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 83–90 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Calderoni(1999)] Stephane Calderoni. Behavior-Based Control System in MultiAgent Domain. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1439 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4
- [Cangelosi(1999)] Angelo Cangelosi. Heterochrony and Adaptation in Developing Neural Networks. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1241–1248 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Cantu-Paz(1999a)] Erick Cantu-Paz. Migration Policies and Takeover Times in Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 775 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Cantu-Paz(1999b)] Erick Cantu-Paz. Topologies, Migration Rates, and Multi-Population Parallel Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 91–98 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Cao et al.(1999a)Cao, Kang, and Chen] Hongqing Cao, Lishan Kang, and Yuping Chen. Evolutionary Modeling of Ordinary Differential Equations for Dynamic Systems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 959– 965 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Cao and (Francis)(1999)] Lijuan Cao and Tay Eng Hock (Francis). Neuro-Genetic Based Method to the Classification of Acupuncture Needle: A Case Study. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 99–105 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Cao et al.(1999b)Cao, (Francis), Lawrence, and Yeong] Lijuan Cao, Tay Eng Hock (Francis), Ma Lawrence, and Wai Cheong Yeong. Classification of the Market States Using Neural Network. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 776 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Castillo et al.(1999)Castillo, Rivas, Merelo, Gonzalez, Prieto, and Romero] P. A. Castillo, V. Rivas, J. J. Merelo, J. Gonzalez, A. Prieto, and G. Romero. G-Prop-III: Global Optimization of Multilayer Perceptrons using an Evolutionary Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 942 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Cattral et al.(1999)Cattral, Oppacher, and Deugo] Robert Cattral, Franz Oppacher, and Dwight Deugo. Rule Acquisition with a Genetic Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 778 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Chan et al.(1999)Chan, Ngan, and Rad] Zeke S. H. Chan, H. W. Ngan, and A. B. Rad. Minimum-Allele-Reserve-Keeper (MARK): A Fast and Effective Mutation Scheme for Genetic Algorithm (GA). In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 106–113 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Chen and Kuo(1999)] Shu-Heng Chen and Tzu-Wen Kuo. Towards an Agent-Based Foundation of Financial Econometrics: An Approach Based on Genetic-Programming Artificial Markets. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 966 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Chen et al.(1999a)Chen, Lin, and Tsao] Shu-Heng Chen, Wei-Yuan Lin, and Chueh-Iong Tsao. Genetic Algorithms, Trading Strategies and Stochastic Processes: Some New Evidence from Monte Carlo Simulations. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 114–121 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Chen et al.(1999b)Chen, Guerra-Salcedo, and Smith] Stephen Chen, Cesar Guerra-Salcedo, and Stephen F. Smith. Non-Standard Crossover for a Standard Representation Commonality-Based Feature Subset Selection. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 129–134 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Chen and Smith(1999a)] Stephen Chen and Stephen F. Smith. Improving Genetic Algorithms by Search Space Reductions (with Applications to Flow Shop Scheduling). In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 135–140 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Chen and Smith(1999b)] Stephen Chen and Stephen F. Smith. Introducing a New Advantage of Crossover: Commonality-Based Selection. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 122–128 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Chikara and Masayasu(1999)] Maezawa Chikara and Atsumi Masayasu. Collaborative Learning Agents with Structural Classifier Systems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 777 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Chong and Langdon(1999)] Fuey Sian Chong and W. B. Langdon. Java based Distributed Genetic Programming on the Internet. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1229 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Chu et al.(1999)Chu, Premkumar, Chou, and Sun] Chao-Hsien Chu, G. Premkumar, Carey Chou, and Jianzhong Sun. Dynamic Degree Constrained Network Design: A Genetic Algorithm

- Approach. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 1, pp. 141–148 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Coletti et al.(1999)Coletti, Lash, Michalski, Mandsager, and Moustafa] Mark Coletti, Thomas D. Lash, Ryszard Michalski, Craig Mandsager, and Rida Moustafa. Comparing Performance of the Learnable Evolution Model and Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 779 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Collet et al.(1999)Collet, Lutton, Raynal, and Schoenauer] Pierre Collet, Evelyne Lutton, Frederic Raynal, and Marc Schoenauer. Individual GP: an Alternative Viewpoint for the Resolution of Complex Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 974–981 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Collins and Ryan(1999)] J. J. Collins and Conor Ryan. Non-stationary Function Optimization using Polygenic Inheritance. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 781 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Collins et al.(1999)Collins, Sheehan, and Casey] J. J. Collins, Lucia Sheehan, and Conor Casey. Genetic Planner for a Mobile Robot Navigation System. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 782 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Collins(1999)] Trevor D. Collins. A Comparison of Search Space Visualization Techniques. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 780 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Corney and Parmee(1999)] David Corney and Ian Parmee. N-Dimensional Surface Mapping Using Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1230 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Costa and Oliveira(1999)] Lino Costa and Pedro Oliveira. GAs in Global Optimization of Mixed Integer Non-Linear Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1773 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Cotta et al.(1999)Cotta, Alba, and Troya] Carlos Cotta, Enrique Alba, and Jose M. Troya. Improving the Scalability of Dynastically Optimal Forma Recombination by Tuning the Granularity of the Representation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 783 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Crawford et al.(1999)Crawford, McCormack, and MacAllister] Kelly D. Crawford, Michael D. McCormack, and Donald J. MacAllister. *Modified Gradient Techniques for Normalized Solution Vectors*. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary*

- Computation Conference, volume 2, pp. 1498–1503 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Cvetkovic and Parmee(1999)] Dragan Cvetkovic and Ian C. Parmee. Use of Preferences for GA-based Multi-objective Optimisation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1504–1509 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Daida et al.(1999a)Daida, Ampy, Ratanasavetavadhana, Li, and Chaudhri] Jason M. Daida, Derrick S. Ampy, Michael Ratanasavetavadhana, Hsiaolei Li, and Omar A. Chaudhri. Challenges with Verification, Repeatability, and Meaningful Comparison in Genetic Programming: Gibson's Magic. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1851–1858 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Daida et al.(1999b)Daida, Polito, Stanhope, Bertram, Khoo, and Chaudhary] Jason M. Daida, John A. Polito, Steven A. Stanhope, Robert R. Bertram, Jonathan C. Khoo, and Shahbaz A. Chaudhary. What Makes a Problem GP-Hard? Analysis of a Tunably Difficult Problem in Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 982–989 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Dasgupta et al.(1999)Dasgupta, Cao, and Yang] Dipankar Dasgupta, Yuehua Cao, and Congjun Yang. An Immunogenetic Approach to Spectra Recognition. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 149–155 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Davenport et al.(1999)Davenport, Ryan, and Rayward-Smith] G. F. Davenport, M. D. Ryan, and V. J. Rayward-Smith. Rule Induction Using a Reverse Polish Representation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 990–995 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [de Garis et al.(1999)de Garis, Buller, Korkin, Gers, Nawa, and Hough] H. de Garis, A. Buller, M. Korkin, F. Gers, N. E. Nawa, and M. Hough. ATR's Artificial Brain ("CAM-Brain") Project: A Sample of What Individual "CoDi-1Bit" Model Evolved Neural Net Modules Can Do with Digital and Analog I/O. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1233 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Deaton(1999)] Russell Deaton. Reaction Temperature Constraints in DNA Computing. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1803–1804 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Deb(1999)] Kalyanmoy Deb. Construction of Test Problems for Multi-Objective Optimization. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 164–171 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Deb and Beyer(1999)] Kalyanmoy Deb and Hans-Georg Beyer. Self-Adaptation in Real-Parameter Genetic Algorithms with Simulated Binary Crossover. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.)

- Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 172–179 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Delgado et al.(1999)Delgado, Zuben, and Gomide] Myriam Delgado, Fernando Von Zuben, and Fernando Gomide. Modular and Hierarchial Evolutionary Design of Fuzzy Systems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 180–187 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Desjarlais et al.(1999)Desjarlais, Akbarzadeh-T., and Wright] Lisa M. Desjarlais, Mohammad-R. Akbarzadeh-T., and Craig W. Wright. Control System Optimization Using Genetic Algorithms within the SoftLab Toolkit. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1774 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Dessi et al.(1999)Dessi, Giani, and Starita] Antonello Dessi, Antonella Giani, and Antonia Starita. An Analysis of Automatic Subroutine Discovery in Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 996–1001 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Digby and Seffens(1999)] David Digby and William Seffens. Evolutionary Algorithm Analysis of the Biological Genetic Codes. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1440 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Dimopoulos and Zalzala(1999)] Christos Dimopoulos and Ali MS Zalzala. Evolving Scheduling Policies through a Genetic Programming Framework. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1231 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Dittrich et al.(1999)Dittrich, Skusa, Kantschik, and Banzhaf] Peter Dittrich, Andre Skusa, Wolfgang Kantschik, and Wolfgang Banzhaf. Dynamical Properties of the Fitness Landscape of a GP Controlled Random Morphology Robot. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1002–1008 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Droste et al.(1999)Droste, Jansen, and Wegener] Stefan Droste, Thomas Jansen, and Ingo Wegener. Perhaps Not a Free Lunch But At Least a Free Appetizer. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 833–839 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Dupas et al.(1999)Dupas, Cavory, and Goncalves] R. Dupas, G. Cavory, and G. Goncalves. Real-World Applications. Optimising the throughput of a manufacturing production line using a genetic algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1775 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [East(1999)] E. William East. Infrastructure Work Order Planning Using Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1510–1516 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Ebner and Zell(1999)] Marc Ebner and Andreas Zell. Evolving a behavior-based control architecture-From simulations to the real world. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1009–1014 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Edelson and Gargano (1999)] William Edelson and Michael L. Gargano. Efficient Calculation of Compute-Intensive Fitness In Genetic Computations Using A Survival Indicator For Population Members. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 784 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Eiben et al.(1999)Eiben, Elia, and van Hemert] A. E. Eiben, D. Elia, and J. I. van Hemert. Population dynamics and emerging mental features in AEGIS. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1257–1264 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [El-Beltagy et al.(1999)El-Beltagy, Nair, and Keane] Mohammed A. El-Beltagy, Prasanth B. Nair, and Andy J. Keane. Metamodeling Techniques For Evolutionary Optimization of Computationally Expensive Problems: Promises and Limitations. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 196–203 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Eldershaw and Cameron(1999)] Craig Eldershaw and Stephen Cameron. Real-world applications: Motion planning using GAs. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1776 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Evett et al.(1999)Evett, Khoshgoftaar, der Chien, and Allen] Matthew Evett, Taghi Khoshgoftaar, Pei der Chien, and Edward Allen. *Modelling software quality with GP*. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 2, p. 1232 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Falco et al.(1999)Falco, Iazzetta, Tarantino, Cioppa, and Iacuelli] I. De Falco, A. Iazzetta, E. Tarantino, A. Della Cioppa, and A. Iacuelli. Towards a Simulation of Natural Mutation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 156–163 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Federman et al.(1999)Federman, Sparkman, and Watt] Francine Federman, Gayle Sparkman, and Stephanie Watt. Representation of Music in a Learning Classifier System Utilizing Bach Chorales. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 785 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Fernandes et al.(1999)Fernandes, Caldeira, Melicio, and Rosa] Carlos Fernandes, Joao Paulo Caldeira, Fernando Melicio, and Agostinho Rosa. Evolutionary Algorithm for School Timetabling. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1777 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Fernandez Jr. and Walker (1999)] J. Jaime Fernandez Jr. and Ian D. Walker. A Biologically Inspired Fitness Function for Robotic Grasping. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1517–1522 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Folino et al.(1999)Folino, Pizzuti, and Spezzano] Gianluigi Folino, Clara Pizzuti, and Giandomenico Spezzano. A Cellular Genetic Programming Approach to Classification. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1015–1020 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Francone et al.(1999)Francone, Conrads, Banzhaf, and Nordin] Frank D. Francone, Markus Conrads, Wolfgang Banzhaf, and Peter Nordin. *Homologous Crossover in Genetic Programming*. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 2, pp. 1021–1026 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Fuchs et al.(1999)Fuchs, Fuchs, and Fuchs] Marc Fuchs, Dirk Fuchs, and Matthias Fuchs. Generating Lemmas for Tableau-based Proof Search Using Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1027–1032 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Fuchs(1999)] Matthias Fuchs. Large Populations Are Not Always The Best Choice In Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1033–1038 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Fukunaga(1999)] Alex S. Fukunaga. Portfolios of Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 786 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Fukuyama et al.(1999)Fukuyama, Takayama, Nakanishi, and Yoshida] Yoshikazu Fukuyama, Shinichi Takayama, Yosuke Nakanishi, and Hirotaka Yoshida. A Particle Swarm Optimization for Reactive Power and Voltage Control in Electric Power Systems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1523–1528 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Furutani(1999)] Hiroshi Furutani. Analytical Solutions for Infinite Population Genetic Algorithms on Multiplicative Landscape. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 204–211 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Gaivoronski(1999)] Alexei A. Gaivoronski. Modeling of Complex Economic Systems with Agent Nets. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1265–1272 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Gallagher and Beer(1999)] John C. Gallagher and Randall D. Beer. Evolution and Analysis of Dynamical Neural Networks for Agents Integrating Vision, Locomotion, and Short-Term Memory. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1273–1280 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Gallagher et al.(1999)Gallagher, Frean, and Downs] Marcus Gallagher, Marcus Frean, and Tom Downs. Real-valued Evolutionary Optimization using a Flexible Probability Density Estimator. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 840–846 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Garzon et al.(1999)Garzon, Deaton, and Barnes] Max H. Garzon, Russell J. Deaton, and Ken Barnes. On Self-Assembling Graphs in vitro. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1805–1809 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ghanea-Hercock et al.(1999)Ghanea-Hercock, Ndumu, and Collis] Robert Ghanea-Hercock, Divine T. Ndumu, and Jaron Collis. Distributed Genetic Programming with Mobile Agents. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1441 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Glickman and Sycara(1999)] Matthew R. Glickman and Katia Sycara. Evolution of Goal-Directed Behavior from Limited Information in a Complex Environment. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1281–1288 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Goldberg(1999)] David E. Goldberg. Using Time Efficiently: Genetic-Evolutionary Algorithms and the Continuation Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 212–219 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Goldberg and Voessner(1999)] David E. Goldberg and Siegfried Voessner. Optimizing Global-Local Search Hybrids. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 220–228 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Golovkin et al.(1999)Golovkin, Mancini, and Louis] Igor E. Golovkin, Roberto C. Mancini, and Sushil J. Louis. Plasma X-ray Spectra Analysis Using Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1529–1534 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Gordillo et al.(1999)Gordillo, Alcala, and Aracil] Francisco Gordillo, Ismael Alcala, and Javier Aracil. A Tool for Solving Differential Games with Co-evolutionary Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1535–1542 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Gordon et al.(1999)Gordon, Pirie, Wachter, and Sharp] V. Scott Gordon, Rebecca Pirie, Adam Wachter, and Scottie Sharp. Terrain-Based Genetic Algorithm (TBGA): Modeling Parameter Space as Terrain. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 229–235 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Gorges-Schleuter(1999)] Martina Gorges-Schleuter. An Analysis of Local Selection in Evolution Strategies. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary

- Computation Conference, volume 1, pp. 847–854 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Gottlieb(1999)] Jens Gottlieb. Evolutionary Algorithms for Multidimensional Knapsack Problems: the Relevance of the Boundary of the Feasible Region. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 787 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Gronroos(1999)] Marko Gronroos. A Comparison of Some Methods for Evolving Neural Networks. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1442 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Guerra-Salcedo and Whitley (1999)] Cesar Guerra-Salcedo and Darrell Whitley. Genetic Approach to Feature Selection for Ensemble Creation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 236–243 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Guigue et al.(1999)Guigue, Oussedik, and Delahaye] Alexis Guigue, Sofiane Oussedik, and Daniel Delahaye. Sequencing Aircraft Landings by Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 788 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hackworth(1999)] Tim Hackworth. India and Pakistan, a classic "Richardson" Arms Race: A Genetic Algorithmic approach. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1543–1550 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Haith et al.(1999)Haith, Colombano, Lohn, and Stassinopoulos] Gary L. Haith, Silvano P. Colombano, Jason D. Lohn, and Dimitris Stassinopoulos. Coevolution for Problem Simplification. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 244–251 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Handa et al.(1999)Handa, Katai, Konishi, and Baba] Hisashi Handa, Osamu Katai, Tadataka Konishi, and Mitsuru Baba. Coevolutionary Genetic Algorithms for Solving Dynamic Constraint Satisfaction Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 252–257 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hara and Nagao(1999)] Akira Hara and Tomoharu Nagao. Emergence of the cooperative behavior using ADG; Automatically Defined Groups. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1039–1046 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Harik and Lobo(1999)] Georges R. Harik and Fernando G. Lobo. A parameter-less genetic algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 258–265 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Harrell and Ranjithan(1999)] Laura J. Harrell and S. Ranji Ranjithan. Evaluation of Alternative Penalty Function Implementations in a Watershed Management Design Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1551–1558 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Harris et al.(1999a)Harris, Elliott, Ingham, Pourkashanian, and Wilson] S. D. Harris, L. Elliott, D. B. Ingham, M. Pourkashanian, and C. W. Wilson. The Retrieval of Chemical Reaction Rates Using Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1780 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Harris et al.(1999b)Harris, Mustata, Elliott, Ingham, and Lesnic] S. D. Harris, R. Mustata, L. Elliott, D. B. Ingham, and D. Lesnic. Parameter Identification Within Rocks Using Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1779 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Hart and Ross(1999)] Emma Hart and Peter Ross. An Immune System Approach to Scheduling in Changing Environments. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1559–1566 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hart (1999)] William E. Hart. Comparing Evolutionary Programs and Evolutionary Pattern Search Algorithms: A Drug Docking Application. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 855–862 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hartley(1999)] Adrian R. Hartley. Accuracy-based fitness allows similar performance to humans in static and dynamic classification environments. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 266–273 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Harvey et al.(1999)Harvey, Foster, and Frincke] Brad Harvey, James Foster, and Deborah Frincke. Towards Byte Code Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1234 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Harvey and Pettey(1999)] K. Burton Harvey and Chrisila C. Pettey. The Outlaw Method for Solving Multimodal Functions with Split Ring Parallel Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 274– 280 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Heckendorn et al.(1999)Heckendorn, Rana, and Whitley] Robert B. Heckendorn, Soraya Rana, and Darrell Whitley. Polynomial Time Summary Statistics for a Generalization of MAXSAT. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 281–288 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Helmer et al.(1999)Helmer, Wong, Honavar, and Miller] Guy Helmer, Johnny Wong, Vasant Honavar, and Les Miller. Feature Selection Using a Genetic Algorithm for Intrusion Detection.

- In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 2, p. 1781 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hernandez et al.(1999)Hernandez, Goldstein, and Niao] German Hernandez, Jerome A. Goldstein, and Fernando Niao. Stochastic Differential Model for Evolutionary Algorithms over Continuous Spaces. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 863–870 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hinchliffe et al.(1999)Hinchliffe, Willis, and Tham] Mark Hinchliffe, Mark Willis, and Ming Tham. Dynamic Chemical Process Modelling Using a Multiple Basis Function Genetic Programming Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1782 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ho and Chang(1999)] Shinn-Ying Ho and Xiao-I Chang. An Efficient Generalized Multiobjective Evolutionary Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 871–878 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ho et al.(1999a)Ho, Chen, and Shu] Shinn-Ying Ho, Hung-Ming Chen, and Li-Sun Shu. Solving Large Knowledge Base Partitioning Problems Using an Intelligent Genetic Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1567–1572 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Ho et al.(1999b)Ho, Shu, and Chen] Shinn-Ying Ho, Li-Sun Shu, and Hung-Ming Chen. Intelligent Genetic Algorithm with a New Intelligent Crossover Using Orthogonal Arrays. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 289–296 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Hoehn and Pettey(1999)] Theodore P. Hoehn and Chrisila C. Pettey. Parental and Cyclic-Rate Mutation in Genetic Algorithms: An Initial Investigation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 297–304 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hofmeyr and Forrest(1999)] Steven A. Hofmeyr and Stephanie Forrest. Immunity by Design: An Artificial Immune System. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1289–1296 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Holmes (1999)] John H. Holmes. Evaluating Learning Classifier System Performance In Two-Choice Decision Tasks: An LCS Metric Toolkit. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 789 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hong et al.(1999)Hong, Wang, and Chen] Tzung-Pei Hong, Hong-Shung Wang, and Wei-Chou Chen. Simultaneously Applying Multiple Crossover and Mutation Operators. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 790 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Horn(1999)] Jeffrey Horn. Controlling the Cooperative-Competitive Boundary in Niched Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 305–312 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hornby et al.(1999)Hornby, Fujita, Takamura, Yamamoto, and Hanagata] G. S. Hornby, M. Fujita, S. Takamura, T. Yamamoto, and O. Hanagata. Autonomous Evolution of Gaits with the Sony Quadruped Robot. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1297–1304 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hornby and Mirtich(1999)] Gregory S. Hornby and Brian Mirtich. Diffuse versus True Coevolution in a Physics-based World. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1305–1312 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Howard and Roberts (1999)] Daniel Howard and Simon C. Roberts. A Staged Genetic Programming Strategy for Image Analysis. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1047–1052 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Hsu et al.(1999)Hsu, Pottenger, Welge, Wu, and Yang] William H. Hsu, William M. Pottenger, Michael Welge, Jie Wu, and Ting-Hao Yang. Genetic Algorithms for Attribute Synthesis in Large-Scale Data Mining. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1783 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Huang et al.(1999)Huang, Yang, Shen, and Horng] Hsien-Da Huang, Jih Tsung Yang, Shu Fong Shen, and Jorng-Tzong Horng. An Evolution Strategy to Solve Sports Scheduling Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 943 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [i Fabrega and i Guiu(1999)] Francesc Xavier Llora i Fabrega and Josep Maria Garrell i Guiu. GENIFER: A Nearest Neighbour based Classifier System using GA. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 797 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Iba(1999)] Hitoshi Iba. Bagging, Boosting, and Bloating in Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1053–1060 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Igel and Chellapilla(1999)] Christian Igel and Kumar Chellapilla. Investigating the Influence of Depth and Degree of Genotypic Change on Fitness in Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1061–1068 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [III et al.(1999a)III, Koza, Keane, Yu, Mydlowec, and Stiffelman] Forrest H Bennett III, John R. Koza, Martin A. Keane, Jessen Yu, William Mydlowec, and Oscar Stiffelman. *Evolution by Means of Genetic Programming of Analog Circuits that Perform Digital Functions.* In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and

- Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1477–1483 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [III et al.(1999b)III, Koza, Shipman, and Stiffelman] Forrest H Bennett III, John R. Koza, James Shipman, and Oscar Stiffelman. Building a Parallel Computer System for \$18,000 that Performs a Half Peta-Flop per Day. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1484–1490 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [III(1999)] H. Brown Cribbs III. Aircraft Maneuvering via Genetics-Based Adaptive Agent. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1249–1256 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Iima and Sannomiya(1999)] Hitoshi Iima and Nobuo Sannomiya. Genetic Algorithm for a Large-Scale Scheduling Problem in an Electric Wire Production Process. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1784 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Jelasity(1999)] Mark Jelasity. The Adaptationist Stance and Evolutionary Computation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1859–1864 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Jo and Kang(1999)] Yong-Gun Jo and Hoon Kang. Evolutionary Cellular Automata for Optimal Path Planning of Mobile Robots. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1443 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [John et al.(1999)John, Panton, and White] Maria John, David Panton, and Kevin White. Genetic Algorithm for Regional Surveillance. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1573–1579 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Julstrom(1999)] Bryant A. Julstrom. Redundant Genetic Encodings May Not Be Harmful. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 791 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Kalganova et al. (1999) Kalganova, Miller, and Fogarty] Tatiana Kalganova, Julian F. Miller, and Terence C. Fogarty. Evolution of the Digital Circuits with Variable Layouts. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1235 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Karanta et al.(1999)Karanta, Mikkola, Bounsaythip, Jokinen, and Savola] Ilkka Karanta, Topi Mikkola, Catherine Bounsaythip, Olli Jokinen, and Juha Savola. Solving Wood Collection Problem using Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1787 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Kargupta and Sarkar(1999)] Hillol Kargupta and Kakali Sarkar. Function Induction, Gene Expression, And Evolutionary Representation Construction. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 313–320 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Karr and Borgelt(1999)] Charles L. Karr and Ken Borgelt. Modeling A Grinding Circuit Using Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1785 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Karr and Weck(1999)] Charles L. Karr and Barry Weck. Solutions to Systems of Nonlinear Equations Via Genetic Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1786 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Kaschel et al.(1999)Kaschel, Kobernik, Meier, and Teich] J. Kaschel, Gunnar Kobernik, Bernd Meier, and Tobias Teich. Genetic Algorithm, Avoiding of Deadlocks and Gantt-Chart-Generation for the Job Shop Scheduling Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 792 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Katayama and Narihisa(1999)] Kengo Katayama and Hiroyuki Narihisa. Iterated Local Search Approach using Genetic Transformation to the Traveling Salesman Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 321–328 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Keedwell et al.(1999)Keedwell, Narayanan, and Savic] Edward Keedwell, Ajit Narayanan, and Dragan Savic. Using Genetic Algorithms to Extract Rules From Trained Neural Networks. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 793 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Keijzer and Babovic(1999)] Maarten Keijzer and Vladan Babovic. Dimensionally Aware Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1069–1076 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Keller and Banzhaf (1999)] Robert E. Keller and Wolfgang Banzhaf. The Evolution of Genetic Code in Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1077–1082 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Kennedy and Giraud-Carrier (1999)] Claire J. Kennedy and Christophe Giraud-Carrier. A Depth Controlling Strategy for Strongly Typed Evolutionary Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 879–885 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Key(1999)] Cathy Key. Non-reciprocal Altruism and the Evolution of Paternal Care. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1313–1320 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Klyce(1999)] Brig Klyce. In real or artificial life, Is Evolutionary Progress in a Closed System Possible? In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1444 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Knowles et al.(1999)Knowles, Corne, and Oates] Joshua Knowles, David Corne, and Martin Oates. A New Evolutionary Approach to the Degree Constrained Minimum Spanning Tree Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 794 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Koehler(1999)] Gary J. Koehler. Computing Simple GA Expected Waiting Times. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 795 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Kokai et al.(1999a)Kokai, Toth, and Vanyi] Gabriella Kokai, Zoltan Toth, and Robert Vanyi. Generic Evolution Algorithms Programming Library. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1867 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Kokai et al.(1999b)Kokai, Vanyi, and Toth] Gabriella Kokai, Robert Vanyi, and Zoltan Toth. Parametric L-System Description of the Retina with Combined Evolutionary Operators. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1588–1595 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Kopp et al.(1999)Kopp, Mortveit, and Reidys] Stephan Kopp, Henning S. Mortveit, and Christian M. Reidys. Sequential Dynamical Systems and Simulation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1445 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Kovacs(1999)] Tim Kovacs. Deletion Schemes for Classifier Systems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 329—336 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Koza et al.(1999)Koza, Keane, III, Yu, Mydlowec, and Stiffelman] John R. Koza, Martin A. Keane, Forrest H Bennett III, Jessen Yu, William Mydlowec, and Oscar Stiffelman. Searching for the Impossible using Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1083–1091 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Krasnogor et al.(1999)Krasnogor, Hart, Smith, and Pelta] Natalio Krasnogor, William E. Hart, Jim Smith, and David A. Pelta. Protein Structure Prediction With Evolutionary Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1596–1601 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Krink et al.(1999)Krink, Mayoh, and Michalewicz] Thiemo Krink, Brian H. Mayoh, and Zbigniew Michalewicz. A PATCHWORK Model for Evolutionary Algorithms with Structured and Variable Size Populations. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary

- Computation Conference, volume 2, pp. 1321–1328 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Kundu(1999)] Sourav Kundu. Complexity Engineering, Evolution and Optimality of Structures. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 796 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Langdon(1999)] W. B. Langdon. Size Fair and Homologous Tree Genetic Programming Crossovers. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1092–1097 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Langham and Grant(1999)] A. E. Langham and P. W. Grant. A Multilevel k-way Partitioning Algorithm for Finite Element Meshes using Competing Ant Colonies. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1602–1608 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Lanzi(1999)] Pier Luca Lanzi. Extending the Representation of Classifier Conditions Part I: From Binary to Messy Coding. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 337–344 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Lanzi and Colombetti(1999)] Pier Luca Lanzi and Marco Colombetti. An Extension to the XCS Classifier System for Stochastic Environments. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 353–360 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Lanzi and Perrucci(1999)] Pier Luca Lanzi and Alessandro Perrucci. Extending the Representation of Classifier Conditions Part II: From Messy Coding to S-Expressions. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 345–352 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Lee and Song(1999)] Chang-Yong Lee and Yoonseon Song. Evolutionary Programming using the Levy Probability Distribution. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 886–893 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Lee and Cho(1999)] Joo-Young Lee and Sung-Bae Cho. Incorporating Human Preference into Content-based Image Retrieval Using Interactive Genetic Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1788 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Lerena and Courant(1999)] Patricio Lerena and Michele Courant. Complexity in Mate Choice. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1446 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Levenick(1999)] James R. Levenick. Swappers: Introns promote flexibility, diversity and invention. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation

- Conference, volume 1, pp. 361–368 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Li et al.(1999)Li, Man, and Tang] Y. Li, K. F. Man, and K. S. Tang. Multiobjective Genetic Algorithm for Rolling-Horizon Production Planning. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1789 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Lim and Thalmann(1999)] Ik Soo Lim and Daniel Thalmann. How Not to Be a Black-Box: Evolution and Genetic-Engineering of High-Level Behaviours. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1329–1335 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Lin(1999)] Wen-Yang Lin. Improving Parallel Ordering of Sparse Matrices using Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1790 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Loughlin and Ranjithan(1999)] Daniel H. Loughlin and S. Ranji Ranjithan. Chance-Constrained Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 369–376 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Louis and Tang(1999)] Sushil J. Louis and Rilun Tang. Interactive Genetic Algorithms for the Traveling Salesman Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 385–392 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Louis and Zhang(1999)] Sushil J. Louis and Yongmian Zhang. A Sequential Similarity Metric for Case Injected Genetic Algorithms applied to TSPs. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 377–384 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Luke et al.(1999)Luke, Hamahashi, and Kitano] Sean Luke, Shugo Hamahashi, and Hiroaki Kitano. "Genetic" Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1098–1105 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Maley(1999)] C. C. Maley. Four Steps Toward Open-Ended Evolution. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1336–1343 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Marchiori and Rossi(1999)] Elena Marchiori and Claudio Rossi. A Flipping Genetic Algorithm for Hard 3-SAT Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 393–400 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Mariano and M.(1999)] Carlos E. Mariano and Eduardo Morales M. MOAQ an Ant-Q Algorithm for Multiple Objective Optimization Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 894–901 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Marin and Sole(1999)] Jesus Marin and Ricard V. Sole. Evolutionary Optimization Through Extinction Dynamics. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1344–1349 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Marks et al.(1999)Marks, Midgley, Cooper, and Shiraz] Robert E. Marks, David F. Midgley, Lee G. Cooper, and G. M. Shiraz. Coevolution with the Genetic Algorithm: Repeated Differentiated Oligopolies. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1609–1615 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Martin et al.(1999)Martin, Moal, and Vrain] Lionel Martin, Frederic Moal, and Christel Vrain. Declarative expression of biases in Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 401–408 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Mattfeld(1999)] Dirk C. Mattfeld. Scalable Search Spaces for Scheduling Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1616–1621 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Mautner and Belew(1999)] Craig Mautner and Richard K. Belew. Coupling Morphology and Control in a Simulated Robot. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1350–1357 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Maxwell and Anderson(1999)] Bruce Maxwell and Sven Anderson. Training Hidden Markov Models using Population-Based Learning. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 944 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [McKay et al.(1999)McKay, Willis, Searson, and Montague] Ben McKay, Mark Willis, Dominic Searson, and Gary Montague. Non-Linear Continuum Regression Using Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1106–1111 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [McPhee and Hopper(1999)] Nicholas Freitag McPhee and Nicholas J. Hopper. Analysis of genetic diversity through population history. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1112–1120 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Mengshoel and Goldberg(1999)] Ole J. Mengshoel and David E. Goldberg. Probabilistic Crowding: Deterministic Crowding with Probabilistic Replacement. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 409–416 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Merz and Freisleben(1999)] Peter Merz and Bernd Freisleben. Genetic Algorithms for Binary Quadratic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 417–424 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Meysenburg and Foster (1999a)] Mark M. Meysenburg and James A. Foster. Random Generator Quality and GP Performance. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1121–1126 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Meysenburg and Foster(1999b)] Mark M. Meysenburg and James A. Foster. Randomness and GA Performance, Revisited. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 425–432 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Miagkikh and III(1999)] Victor V. Miagkikh and William F. Punch III. An Approach to Solving Combinatorial Optimization Problems Using a Population of Reinforcement Learning Agents. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1358–1365 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Miller(1999a)] Julian F. Miller. Digital Filter Design at Gate-level using Evolutionary Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1127–1134 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Miller(1999b)] Julian F. Miller. An empirical study of the efficiency of learning boolean functions using a Cartesian Genetic Programming approach. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1135–1142 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Mota et al.(1999)Mota, Ferreira, and Rosa] Cristina Mota, Heitor Ferreira, and Agostinho Rosa. Independent and Simultaneous Evolution of Fuzzy Sleep Classifiers by Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1622–1629 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Moustafa et al.(1999)Moustafa, Jong, and Wegman] Rida E. Moustafa, Kenneth A. De Jong, and Edward J. Wegman. Using Genetic Algorithms For Adaptive Function Approximation and Mesh Generation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 798 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Munetomo and Goldberg(1999)] Masaharu Munetomo and David E. Goldberg. *Identifying Linkage Groups by Nonlinearity/Non-monotonicity Detection*. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 1, pp. 433–440 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Murata et al.(1999)Murata, Ishibuchi, and Gen] Tadahiko Murata, Hisao Ishibuchi, and Mitsuo Gen. Specification of Local Search Directions in Genetic Local Search Algorithms for Multi-Objective Optimization Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 441–448 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Muruzabal(1999)] Jorge Muruzabal. Mining the Space of Generality with Uncertainty-Concerned Cooperative Classifiers. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon,

- Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 1, pp. 449–457 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Myers et al.(1999)Myers, Laskey, and DeJong] James W. Myers, Kathryn B. Laskey, and Kenneth A. DeJong. Learning Bayesian Networks from Incomplete Data using Evolutionary Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 458–465 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Naoki and Hajime(1999)] Mori Naoki and Kita Hajime. The Entropy Evaluation Method for the Thermodynamical Selection Rule. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 799 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Naudts and Schippers(1999)] Bart Naudts and Adriaan Schippers. A Motivated Definition of Exploitation and Exploration. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 800 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Nault et al.(1999)Nault, Rialle, and Meunier] Georges Nault, Vincent Rialle, and Jean-Guy Meunier. PROGEN: a Genetic-Based Semi-automatic Hypertext Construction Tool-first steps and experiment. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1630–1635 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Navarro et al.(1999)Navarro, de Oliveira, Ramos, and Campos-Velho] Pedro Luis Kantek Garcia Navarro, Pedro P. B. de Oliveira, Fernando M. Ramos, and Haroldo F. Campos-Velho. Magnetotelluric Inversion Using Problem-Specific Genetic Operators. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1580–1587 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Neves et al.(1999a)Neves, Silva, and Costa] Ana Neves, Arlindo Silva, and Ernesto Costa. Evolutionary Path Planning for Nonholonomic Robots. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 466–472 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Neves et al.(1999b)Neves, Rocha, Rodrigues, Biscaia, and Alves] Jose Neves, Miguel Rocha, Hugo Rodrigues, Miguel Biscaia, and Jose Alves. Adaptive Strategies and the Design of Evolutionary Applications. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 473–479 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Niao et al.(1999)Niao, Hernandez, and Dasgupta] Fernando Niao, German Hernandez, and Dipankar Dasgupta. On Evolution of stochastic dynamical neural networks. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 801 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Nishikawa et al.(1999)Nishikawa, Hagiya, and Yamamura] Akio Nishikawa, Masami Hagiya, and Masayuki Yamamura. Virtual DNA Simulator and Protocol Design by GA. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1810–1816 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Oates et al.(1999)Oates, Corne, and Loader] Martin Oates, David Corne, and Roger Loader. Variation in EA Performance Characteristics on the Adaptive Distributed Database Management Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 480–487 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Obayashi et al.(1999)Obayashi, Sasaki, and Takeguchi] Shigeru Obayashi, Daisuke Sasaki, and Yukihiro Takeguchi. Evolutionary Computation of Supersonic Wing Shape Optimization. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1791 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ochoa et al.(1999)Ochoa, Harvey, and Buxton] Gabriela Ochoa, Inman Harvey, and Hilary Buxton. On Recombination and Optimal Mutation Rates. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 488–495 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ogihara(1999)] Mitsunori Ogihara. Relating the Minimum Model for DNA Computation and Boolean Circuits. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1817–1821 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Oh(1999)] Jae C. Oh. Effects of "Physical Body" on Biased Opponent Selection in the Iterated Prisoner's Dilemma Game. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1447 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Olague(1999)] Gustavo Olague. Analysis of Genetic Algorithms Convergence Applied to Mensuration Problems in Computer Vision. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1792 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Olsson(1999)] Bjorn Olsson. Using Evolutionary Algorithms in the Design of Protein Fingerprints. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1636–1642 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [O'Neill and Ryan(1999)] Michael O'Neill and Conor Ryan. Under the Hood of Grammatical Evolution. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1143–1148 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ono et al.(1999)Ono, Kita, and Kobayashi] Isao Ono, Hajime Kita, and Shigenobu Kobayashi. A Robust Real-Coded Genetic Algorithm using Unimodal Normal Distribution Crossover Augmented by Uniform Crossover: Effects of Self-Adaptation of Crossover Probabilities. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 496–503 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Opitz(1999)] David W. Opitz. An Evolutionary Approach to Feature Set Selection. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 803 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Opitz et al.(1999)Opitz, Basak, and Gute] David W. Opitz, Subhash C. Basak, and Brian D. Gute. Hazard Assessment Modeling: An Evolutionary Ensemble Approach. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1643–1650 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Oppacher and Wineberg(1999)] Franz Oppacher and Mark Wineberg. The Shifting Balance Genetic Algorithm: Improving the GA in a Dynamic Environment. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 504–510 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Oprea and Forrest(1999)] Mihaela Oprea and Stephanie Forrest. How the immune system generates diversity: Pathogen space coverage with random and evolved antibody libraries. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1651–1656 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ostermeier and Hansen(1999)] Andreas Ostermeier and Nikolaus Hansen. An Evolution Strategy with Coordinate System Invariant Adaptation of Arbitrary Normal Mutation Distributions Within the Concept of Mutative Strategy Parameter Control. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 902–909 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Palazzari and Coli(1999)] Paolo Palazzari and Moreno Coli. Evolving Probabilistic Chromosomes in Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 511–518 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Parker and Mills(1999)] Gary B. Parker and Jonathan W. Mills. Adaptive Hexapod Gait Control Using Anytime Learning with Fitness Biasing. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 519–524 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Parmee and Watson(1999)] Ian C. Parmee and Andrew H. Watson. Preliminary Airframe Design Using Co-Evolutionary Multiobjective Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1657–1665 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Pazos et al.(1999a)Pazos, Pazos, and Paton] A. Pazos, J. Pazos, and Alfonso R. Paton. DNA Assembly and Recombination for Hamiltonian Paths and Binary Words. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1822–1824 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Pazos et al.(1999b)Pazos, del Riego, Dorado, and Cardalda] Alejandro Pazos, A. Santos del Riego, Julian Dorado, and J. J. Romero Cardalda. Adaptive Aspects of Rhythmic Composition: Genetic Music. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1794 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Pazos et al.(1999c)Pazos, Dorado, Santos, and Rabunal] Alejandro Pazos, Julian Dorado, Antonino Santos, and Juan Ramon Rabunal. Optimization of GA Parameters to Train Recurrent ANN through Weight Adjustment and Selection of Activation Functions. In Wolfgang Banzhaf, Jason

- Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 2, p. 1793 (Morgan Kaufmann, Orlando, Florida, USA, 1999c). ISBN 1-55860-611-4.
- [Pelikan et al.(1999)Pelikan, Goldberg, and Cantu-Paz] Martin Pelikan, David E. Goldberg, and Erick Cantu-Paz. BOA: The Bayesian Optimization Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 525–532 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Pereira(1999)] Angela Guimaraes Pereira. Road Design by Evolutionary Modelling of Routes. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1778 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Pereira et al.(1999)Pereira, Machado, Costa, and Cardoso] Francisco B. Pereira, Penousal Machado, Ernesto Costa, and Amilcar Cardoso. Graph Based Crossover-A Case Study with the Busy Beaver Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1149–1155 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Perkins(1999)] Simon Perkins. Evolving Effective Visual Tracking through Shaping. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1156–1161 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Perrenoud et al.(1999)Perrenoud, Tomassini, Sipper, and Zolla] Mathieu Perrenoud, Marco Tomassini, Moshe Sipper, and Mose Zolla. Evolving High-Quality Random Number Generators. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 804 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Petrowski and Hamida(1999)] A. Petrowski and S. Ben Hamida. A Logarithmic Mutation Operator to Solve Constrained Optimization Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 805 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Pindor(1999)] Andrzej J. Pindor. Using Genetic Algorithm to manipulate polynomial expressions. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1666–1671 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Plagianakos and Vrahatis(1999)] V. P. Plagianakos and M. N. Vrahatis. Training Neural Networks with 3-bit Integer Weights. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 910–915 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Pohlheim(1999)] Hartmut Pohlheim. Visualization of Evolutionary Algorithms Set of Standard Techniques and Multidimensional Visualization. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 533–540 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Pohlheim and Heissner (1999)] Hartmut Pohlheim and Adolf Heissner. Optimal Control of Greenhouse Climate using Real-World Weather Data and Evolutionary Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1672–1677 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Pohlheim and Wegener (1999)] Hartmut Pohlheim and Joachim Wegener. Testing the Temporal Behavior of Real-Time Software Modules using Extended Evolutionary Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1795 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Poli(1999)] Riccardo Poli. Schema Theorems without Expectations. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 806 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Poli et al.(1999)Poli, Page, and Langdon] Riccardo Poli, Jonathan Page, and W. B. Langdon. Smooth Uniform Crossover, Sub-Machine Code GP and Demes: A Recipe For Solving High-Order Boolean Parity Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1162–1169 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Poon(1999)] Josiah Poon. Problem Solving: Search, Exploration and Co-evolution. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 541–548 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Porter et al.(1999)Porter, Willis, and Montague] Mark A. Porter, Mark J. Willis, and Gary A. Montague. Modelling Antibiotic Production using Standard and Sequential Hybridised Symbolic Annealing. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1796 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Pratihar et al.(1999)Pratihar, Deb, and Ghosh] Dilip Kumar Pratihar, Kalyanmoy Deb, and Amitabha Ghosh. Design of a Genetic-Fuzzy System for Planning Optimal Path and Gait Simultaneously of a Six-legged Robot. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1678–1684 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Pujol and Poli(1999)] Joao Carlos Figueira Pujol and Riccardo Poli. Evolution of Neural Networks Using Weight Mapping. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1170–1177 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Punya and Deo(1999)] Sheel Punya and Brahma Deo. Prediction of Silicon Content of Hot Metal Using Fuzzy-GA Regression. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1685–1690 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Radi and Poli(1999)] Amr Radi and Riccardo Poli. Evolutionary Discovery of Learning Rules for Feedforward Neural Networks with Step Activation Function. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1178–1183 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Raich and Ghaboussi (1999)] Anne M. Raich and Jamshid Ghaboussi. Frame Design Synthesis Using Implicit Redundant Genetic Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1691–1698 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Raidl(1999)] Gunther R. Raidl. An Evolutionary Approach to Point-Feature Label Placement. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 807 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Rana(1999)] Soraya Rana. The Distributional Biases of Crossover Operators. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 549–556 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Rechsteiner and Bedau(1999)] Andreas Rechsteiner and Mark A. Bedau. A Generic Neutral Model for Measuring Excess Evolutionary Activity of Genotypes. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1366–1373 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ren et al.(1999)Ren, Tanaka, Okayama, and Gojobori] Fengrong Ren, Hiroshi Tanaka, Toshitsugu Okayama, and Takashi Gojobori. Reconstructing Molecular Phylogenetic Tree with Multifurcation by Using Minimum Complexity Principle. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1825–1828 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Rodriguez(1999)] Alberto Ochoa Rodriguez. Finding Wavelet Packet Bases with an Estimation Distribution Algorithm. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 802 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Rose et al.(1999)Rose, Deaton, Franceschetti, Garzon, and Jr.] John A. Rose, Russell J. Deaton, Donald R. Franceschetti, Max Garzon, and S. Edward Stevens Jr. A Statistical Mechanical Treatment of Error in the Annealing Biostep of DNA Computation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1829–1834 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Rosete-Suarez et al.(1999)Rosete-Suarez, Ochoa-Rodriguez, and Sebag] Alejandro Rosete-Suarez, Alberto Ochoa-Rodriguez, and Michele Sebag. Automatic Graph Drawing and Stochastic Hill Climbing. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1699–1706 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Ross(1999)] Brian J. Ross. Logic-based Genetic Programming with Definite Clause Translation Grammars. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1236 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Rowe(1999)] Jonathan E. Rowe. Finding attractors for periodic fitness functions. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 557–563 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Ryan et al.(1999)Ryan, Debuse, Smith, and Whittley] Mark Ryan, Justin Debuse, George Smith, and Ian Whittley. A Hybrid Genetic Algorithm for the Fixed Channel Assignment Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1707–1714 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Salim(1999)] Vivian Salim. Genetic Algorithms in Road Investment Planning with Computational Comparisons to Simulated Annealing and Heuristics. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 808 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Salman et al.(1999)Salman, Mehrotra, and Mohan] Ayed A. Salman, Kishan Mehrotra, and Chilukuri K. Mohan. Linkage Crossover For Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 564–571 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Salustowicz and Schmidhuber(1999)] Rafal P. Salustowicz and Jurgen Schmidhuber. Sequence Learning Through PIPE and Automatic Task Decomposition. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1184–1191 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Sarma and Jong(1999)] Jayshree Sarma and Kenneth De Jong. The Behavior of Spatially Distributed Evolutionary Algorithms in Non-Stationary Environments. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 572–578 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Sawai and Adachi(1999)] Hidefumi Sawai and Susumu Adachi. Parallel Distributed Processing of a Parameter-free Hierarchical Migration Methods. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 579–586 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Saxon and Barry(1999)] Shaun Saxon and Alwyn Barry. XCS and the Monk's Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 809 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Schleiffer and Sebastian (1999)] Ralf Schleiffer and Hans-Jurgen Sebastian. A Fuzzy Neighborhood Based GA in Fuzzy Engineering Design. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1797 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Senin et al.(1999)Senin, Wallace, and Borland] Nicola Senin, David R. Wallace, and Nick Borland. Object-based Design Modeling and Optimization with Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1715–1722 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Seredynski and Janikow(1999)] Franciszek Seredynski and Cezary Z. Janikow. Designing Cellular Automata-based Scheduling Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 587–594 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Shanahan et al.(1999)Shanahan, Baldwin, and Martin] James G. Shanahan, James F. Baldwin, and Trevor P. Martin. Constructive Induction of Fuzzy Cartesian Granule Feature Models using Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1237 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Sharpe(1999a)] Oliver Sharpe. Continuing Beyond NFL: Dissecting real world problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 595–602 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Sharpe(1999b)] Oliver Sharpe. Persistence, Search and Autopoiesis. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1374–1381 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Shimada and Anzai(1999)] Sotaro Shimada and Yuichiro Anzai. Fast and Robust Convergence of Chained Classifiers by Generating Operons through Niche Formation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 810 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Shimodaira(1999)] Hisashi Shimodaira. A Diversity Control Oriented Genetic Algorithm (DCGA): Development and Experimental Results. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 603–611 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Silva et al.(1999)Silva, Neves, and Costa] Arlindo Silva, Ana Neves, and Ernesto Costa. Genetically Programming Networks to Evolve Memory Mechanisms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1448 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Simoes and Costa(1999)] Anabela Borges Simoes and Ernesto Costa. Transposition versus Crossover: An Empirical Study. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 612–619 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Sinclair(1999)] Mark C. Sinclair. Optical Mesh Network Topology Design using Node-Pair Encoding Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1192–1197 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Smith(1999)] Charles E. Smith. An Application of Genetic Programming To Investment System Optimization. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1798 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Someya and Yamamura(1999)] Hiroshi Someya and Masayuki Yamamura. A Genetic Algorithm without Parameters Tuning and its Application on the Floorplan Design Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 620–627 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Song and Cho(1999)] Geum-Beom Song and Sung-Bae Cho. Adaptive Behavior of Incrementally Evolved Neural Networks based on Cellular Automata. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1449 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Soule(1999)] Terence Soule. Voting Teams: A cooperative approach to non-typical problems using genetic programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 916–922 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Spalanzani et al.(1999)Spalanzani, Selouani, and Kabre] A. Spalanzani, S. A. Selouani, and H. Kabre. Evolutionary Algorithms for Optimizing Speech Data Projection. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1799 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Steinberg and Rasheed(1999)] Louis Steinberg and Khaled Rasheed. Optimization by Searching a Tree of Populations. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1723–1730 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Stephens (1999)] C. R. Stephens. Effect of Mutation and Recombination on the Genotype-Phenotype Map. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1382–1389 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Stewart and Rosin(1999)] Richard Stewart and Paul L. Rosin. Neural network construction using Voronoi dissections. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 811 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Stoica et al.(1999)Stoica, Lazaro, Keymeulen, and Hayworth] Adrian Stoica, Carlos-Salazar Lazaro, Didier Keymeulen, and Ken Hayworth. Evolution of CMOS Circuits in Simulations and Directly in Hardware on a Programmable Chip. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1198–1203 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Sturgill and Pant(1999)] David Sturgill and Gautam Pant. Evaluation Criteria for Genetically-Tuned Problem-Solving Experts. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1390–1397 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Sugai(1999)] Koji Sugai. Stochastic Evolution on the Hierarchical Population. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 628–634 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Suzuki and Tanaka(1999)] Yasuhiro Suzuki and Hiroshi Tanaka. Practical and Theoretical Investigation of a Collective work. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1450 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Swift and Liu(1999)] Stephen Swift and Xiaohui Liu. Modelling and Forecasting of Glaucomatous Visual Fields Using Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1731–1737 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Takadama et al.(1999)Takadama, Terano, and Shimohara] Keiki Takadama, Takao Terano, and Katsunori Shimohara. How to Design Good Learning Agents in Organization. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1398–1405 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Takahashi et al.(1999)Takahashi, Murakawa, Toda, and Higuchi] Eiichi Takahashi, Masahiro Murakawa, Kenji Toda, and Tetsuya Higuchi. An Evolvable-hardware-based Clock Timing Architecture towards GigaHz Digital Systems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1204–1210 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Terashima-Marin et al.(1999)Terashima-Marin, Ross, and Valenzuela-Rendon] Hugo Terashima-Marin, Peter Ross, and Manuel Valenzuela-Rendon. Evolution of Constraint Satisfaction Strategies in Examination Timetabling. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 635–642 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Thierens(1999)] Dirk Thierens. Estimating the Significant Non-Linearities in the Genome Problem-Coding. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 643–648 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Tian et al.(1999)Tian, Sannomiya, and Yokokura] Yajie Tian, Nobuo Sannomiya, and Toru Yokokura. A Simulation Study on Adaptive Behavior of Fish Schools under Environmental Variation. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1451 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Todd and Sen(1999)] David S. Todd and Pratyush Sen. Directed Multiple Objective Search of Design Spaces Using Genetic Algorithms and Neural Networks. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1738–1743 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Tomlinson and Bull(1999)] Andy Tomlinson and Larry Bull. On Corporate Classifier Systems: Increasing the Benefits of Rule Linkage. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 649–656 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Trenaman(1999)] Adrian Trenaman. Further Investigations into the Evolution of Agents with Concurrent Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1452 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Tsutsui et al.(1999)Tsutsui, Yamamura, and Higuchi] Shigeyoshi Tsutsui, Masayuki Yamamura, and Takahide Higuchi. Multi-parent Recombination with Simplex Crossover in Real Coded Genetic

- Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) *Proceedings of the Genetic and Evolutionary Computation Conference*, volume 1, pp. 657–664 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Tucker and Liu(1999)] Allan Tucker and Xiaohui Liu. Extending Evolutionary Programming Methods to the Learning of Dynamic Bayesian Networks. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 923–929 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Uchibe et al.(1999)Uchibe, Nakamura, and Asada] Eiji Uchibe, Masateru Nakamura, and Minoru Asada. Cooperative and Competitive Behavior Acquisition for Mobile Robots through Coevolution. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1406–1413 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Uno and Namatame(1999)] Kimitaka Uno and Akira Namatame. Evolutionary Behaviors Emerged through Strategic Interactions in the Large. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1414–1421 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Valenzuela(1999)] Christine L. Valenzuela. Evolutionary Divide and Conquer (II) for the TSP. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1744–1749 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Vallejo and Ramos(1999)] Edgar E. Vallejo and Fernando Ramos. Result-Sharing: A Framework for Cooperation in Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1238 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [van Dijk et al.(1999)van Dijk, Thierens, and de Berg] S. van Dijk, D. Thierens, and M. de Berg. On The Design of Genetic Algorithms for Geographical Applications. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 188– 195 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Vekaria and Clack(1999)] Kanta Vekaria and Chris Clack. Biases Introduced by Adaptive Recombination Operators. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 670–677 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Voss and Foley(1999)] Mark S. Voss and Christopher M. Foley. Evolutionary Algorithm For Structural Optimization. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 678–685 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Vrajitoru(1999)] Dana Vrajitoru. Genetic Programming Operators Applied to Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 686–693 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Vriend(1999)] Nicolaas J. Vriend. The Difference between Individual and Population Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 812 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Wagner(1999)] Kyle Wagner. Habitat, Communication and Cooperative Strategies. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 694–701 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Walker(1999)] Reginald L. Walker. Assessment of the Web using Genetic Programming. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1750–1755 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Walker and Miglino(1999)] Richard Walker and Orazio Miglino. Simulating exploratory behavior in evolving Neural Networks. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1422–1428 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Walsh(1999)] Paul Walsh. A Functional Style and Fitness Evaluation Scheme for Inducting High Level Programs. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1211–1216 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Watabe and Kawaoka(1999)] Hirokazu Watabe and Tsukasa Kawaoka. Solving Combinatorial Optimization Problems with Multi-Step Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 813 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Watson(1999)] Jean-Paul Watson. A Performance Assessment of Modern Niching Methods for Parameter Optimization Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 702-709 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Watson and Pollack(1999)] Richard A. Watson and Jordan B. Pollack. Incremental Commitment in Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 710–717 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Weiss(1999)] Gary M. Weiss. Timeweaver: a Genetic Algorithm for Identifying Predictive Patterns in Sequences of Events. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 718–725 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [White and Pagurek(1999)] Tony White and Bernard Pagurek. Application Oriented Routing with Biologically-inspired Agents. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1453 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Whitley(1999)] D. Whitley. A Free Lunch Proof for Gray versus Binary Encodings. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 726–733 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Williams and Williams(1999)] Kenneth P. Williams and Shirley A. Williams. Two Evolutionary Representations for Automatic Parallelization. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1429–1436 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Wong et al.(1999)Wong, Yuryevich, and Li] Kit Po Wong, Jason Yuryevich, and An Li. Evolutionary Programming Based Method for Evaluation of Power Flow. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1756–1761 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Wood et al.(1999)Wood, Chen, Lemieux, and Cedeno] David Wood, Junghuei Chen, Eugene Antipov Bertrand Lemieux, and Walter Cedeno. A DNA Implementation of the Max 1s Problem. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1835–1842 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Wright and Zhao(1999)] Alden H. Wright and Yong Zhao. Markov Chain Models of Genetic Algorithms. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 734–741 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Yang et al.(1999a)Yang, Dasgupta, and Cao] Congjun Yang, Dipankar Dasgupta, and Yuehua Cao. A Group Encoding Technique for Set Partitioning Problems. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 742–749 (Morgan Kaufmann, Orlando, Florida, USA, 1999a). ISBN 1-55860-611-4.
- [Yang et al.(1999b)Yang, Tiyyagura, Chen, and Honavar] Jihoon Yang, Asok Tiyyagura, Fajun Chen, and Vasant Honavar. Feature Subset Selection for Rule Induction Using RIPPER. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, p. 1800 (Morgan Kaufmann, Orlando, Florida, USA, 1999b). ISBN 1-55860-611-4.
- [Yang and Kao(1999)] Jinn-Moon Yang and Cheng-Yan Kao. An Evolutionary Algorithm for Continuous Global optimization. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 930-938 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Yen et al.(1999)Yen, Yang, Lee, and Liao] John Yen, Linyu Yang, Bogju Lee, and James C. Liao. A Supervisory Simplex-GA Approach for Metabolic Model Optimization. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 750–757 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Yoshimi and Taura(1999)] Takahiro Yoshimi and Toshiharu Taura. A Computational Model of a Viewpoint-Forming Process in a Hierarchical Classifier System. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, pp. 758–766 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.

- [Zahran et al.(1999)Zahran, Wahab, and Shaheen] Mohamed M. Zahran, Ashraf H. Abdel Wahab, and Samir I. Shaheen. Adaptive Genetic Algorithm for Multiprocessor Scheduling. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 1, p. 814 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Zhang and Joung(1999)] Byoung-Tak Zhang and Je-Gun Joung. Genetic Programming with Incremental Data Inheritance. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1217–1224 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.
- [Zitzler et al.(1999)Zitzler, Teich, and Bhattacharyya] Eckart Zitzler, Jurgen Teich, and Shuvra S. Bhattacharyya. Evolutionary Algorithm Based Exploration of Software Schedules for Digital Signal Processors. In Wolfgang Banzhaf, Jason Daida, Agoston E. Eiben, Max H. Garzon, Vasant Honavar, Mark Jakiela, and Robert E. Smith (eds.) Proceedings of the Genetic and Evolutionary Computation Conference, volume 2, pp. 1762–1770 (Morgan Kaufmann, Orlando, Florida, USA, 1999). ISBN 1-55860-611-4.