

## Список литературы

- [Aalt 14] J. Aalto and J. Lampinen. “A Mutation and Crossover Adaptation Mechanism for Differential Evolution Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 451–458, Beijing, China, 6–11 July 2014.
- [Abdu 14] W. Abdul, G. Xiaoying, and A. Peter. “Multi-view Clustering of Web Documents Using Multi-Objective Genetic Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2625–2632, Beijing, China, 6–11 July 2014.
- [Acam 14] G. Acampora, H. Ishibuchi, and A. Vitiello. “A Comparison of Multi-Objective Evolutionary Algorithms for the Ontology Meta-Matching Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 413–420, Beijing, China, 6–11 July 2014.
- [Adri 14] S. Adriaensen, T. Brys, and A. Nowe. “Designing Reusable Metaheuristic Methods: A Semi-Automated Approach”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2969–2976, Beijing, China, 6–11 July 2014.
- [Agap 14] A. Agapitos, M. O’Neill, and A. Brabazon. “Ensemble Bayesian Model Averaging in Genetic Programming”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2451–2458, Beijing, China, 6–11 July 2014.
- [Ahme 14] S. Ahmed, M. Zhang, and L. Peng. “A New GP-Based Wrapper Feature Construction Approach to Classification and Biomarker Identification”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2756–2763, Beijing, China, 6–11 July 2014.
- [Akhm 14] S. Akhmedova and E. Semenkin. “Co-Operation of Biology Related Algorithms Meta-Heuristic in ANN-Based Classifiers Design”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 867–872, Beijing, China, 6–11 July 2014.
- [Alam 14a] K. Alam, T. Ray, and S. G. Anavatti. “Practical Application of an Evolutionary Algorithm for the Design and Construction of a Six-Inch Submarine”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2825–2832, Beijing, China, 6–11 July 2014.
- [Alam 14b] S. Alam, G. Dobbie, Y. S. Koh, and P. Riddle. “Web Bots Detection Using Particle Swarm Optimization Based Clustering”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2955–2962, Beijing, China, 6–11 July 2014.
- [Alan 14] F. Alanazi and P. K. Lehre. “Runtime Analysis of Selection Hyper-Heuristics with Classical Learning Mechanisms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2515–2523, Beijing, China, 6–11 July 2014.
- [Albu 14] W. A. Albukhanajer, Y. Jin, and J. A. Briffa. “Neural Network Ensembles for Image Identification Using Pareto-Optimal Features”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 89–96, Beijing, China, 6–11 July 2014.
- [Alhi 14] A. Alhindi and Q. Zhang. “MOEA/D with Tabu Search for Multiobjective Permutation Flow Shop Scheduling Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1155–1164, Beijing, China, 6–11 July 2014.

- [Ali 14] M. Ali, A. Morghem, J. AlBadarneh, R. Al-Gharaibeh, P. Suganthan, and R. Reynolds. “Cultural Algorithms Applied to the Evolution of Robotic Soccer Team Tactics: A Novel Perspective”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2180–2187, Beijing, China, 6-11 July 2014.
- [Alic 14] S. Alicino and M. Vasile. “An Evolutionary Approach to the Solution of Multi-Objective Min-Max Problems in Evidence-Based Robust Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1179–1186, Beijing, China, 6-11 July 2014.
- [Alva 14] M. Alvares, F. Buarque, and T. Marwala. “Application of Computational Intelligence for Source Code Classification”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 895–902, Beijing, China, 6-11 July 2014.
- [Amec 14] M.-Y. Ameca-Alducin, E. Mezura-Montes, and N. Cruz-Ramirez. “Differential Evolution with Combined Variants for Dynamic Constrained Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 975–982, Beijing, China, 6-11 July 2014.
- [Amee 14] M. R. Ameerudden and H. Rughooputh. “Smart Hybrid Genetic Algorithms in the Bandwidth Optimization of a PIFA Antenna”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1390–1396, Beijing, China, 6-11 July 2014.
- [Amin 14] R. Amin, J. Tang, M. Ellejmi, S. Kirby, and H. A. Abbass. “Trading-Off Simulation Fidelity and Optimization Accuracy in Air-Traffic Experiments using Differential Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 475–482, Beijing, China, 6-11 July 2014.
- [Ange 14] J. Angelo, E. Krempser, and H. Barbosa. “Differential Evolution Assisted by a Surrogate Model for Bilevel Programming Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1784–1791, Beijing, China, 6-11 July 2014.
- [Aran 14] N. Arana-Daniel, A. A. Gallegos, C. Lopez-Franco, and A. Y. Alanis. “Smooth Global and Local Path Planning for Mobile Robot Using Particle Swarm Optimization, Radial Basis Functions, Splines and Bezier Curves”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 175–182, Beijing, China, 6-11 July 2014.
- [Ashl 14] D. Ashlock and P. Hingston. “\*Tego - A Framework for Adversarial Planning”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 13–20, Beijing, China, 6-11 July 2014.
- [Azzo 14] R. Azzouz, S. Bechikh, and L. B. Said. “A Multiple Reference Point-Based Evolutionary Algorithm for Dynamic Multi-Objective Optimization with Undetectable Changes”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3168–3175, Beijing, China, 6-11 July 2014.
- [Band 14] S. Bandaru, A. Ng, and K. Deb. “On the Performance of Classification Algorithms for Learning Pareto-Dominance Relations”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1139–1146, Beijing, China, 6-11 July 2014.
- [Bell 14] G. Bello-Orgaz and D. Camacho. “Evolutionary Clustering Algorithm for Community Detection Using Graph-Based Information”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 930–937, Beijing, China, 6-11 July 2014.

- [Benn 14] S. Bennett, S. Nguyen, and M. Zhang. “A Hybrid Discrete Particle Swarm Optimisation Method for Grid Computation Scheduling”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 483–490, Beijing, China, 6–11 July 2014.
- [Bidl 14] M. Bidlo. “Evolving Multiplication as Emergent Behavior in Cellular Automata Using Conditionally Matching Rules”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2732–2739, Beijing, China, 6–11 July 2014.
- [Bisw 14a] S. Biswas, S. Das, P. N. Suganthan, and C. A. C. Coello. “Evolutionary Multiobjective Optimization in Dynamic Environments: A Set of Novel Benchmark Functions”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3192–3199, Beijing, China, 6–11 July 2014.
- [Bisw 14b] S. Biswas, M. A. Eita, S. Das, and A. V. Vasilakos. “Evaluating the Performance of Group Counseling Optimizer on CEC 2014 Problems for Computational Expensive Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1076–1083, Beijing, China, 6–11 July 2014.
- [Bolu 14] A. Bolufe-Rohler and S. Chen. “Extending Minimum Population Search Towards Large Scale Global Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 845–852, Beijing, China, 6–11 July 2014.
- [Bony 14] M. reza Bonyadi and Z. Michalewicz. “On the Edge of Feasibility: A Case Study of the Particle Swarm Optimizer”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3059–3066, Beijing, China, 6–11 July 2014.
- [Boua 14] S. Bouaziz, A. M. Alimi, and A. Abraham. “PSO-Based Update Memory for Improved Harmony Search Algorithm to the Evolution of FBBFNT’ Parameters”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1951–1958, Beijing, China, 6–11 July 2014.
- [Bour 14] F. Bourennani, S. Rahnamayan, and G. F. Naterer. “Multi-Objective Differential Evolution with Leadership Enhancement (MODEL)”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1131–1138, Beijing, China, 6–11 July 2014.
- [Bran 14] T. Brands, L. Wismans, and E. van Berkum. “Multi-Objective Transportation Network Design: Accelerating Search by Applying e-NSGAII”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 405–412, Beijing, China, 6–11 July 2014.
- [Bren 14] O. Brent, D. Thiruvady, A. Gomez-Iglesias, and R. Garcia-Flores. “A Parallel Lagrangian-ACO Heuristic for Project Scheduling”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2985–2991, Beijing, China, 6–11 July 2014.
- [Brou 14] S. vanden Broucke, J. Vanthienen, and B. Baesens. “Declarative Process Discovery with Evolutionary Computing”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2412–2419, Beijing, China, 6–11 July 2014.
- [Bu 14] C. Bu, W. Luo, and T. Zhu. “Differential Evolution with a Species-Based Repair Strategy for Constrained Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 967–974, Beijing, China, 6–11 July 2014.
- [Buck 14] A. Buck, T. Banerjee, and J. Keller. “Evolving a Fuzzy Goal-Driven Strategy for the Game of Geister”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 28–35, Beijing, China, 6–11 July 2014.

- [Bujo 14] P. Bujok, J. Tvrdik, and R. Polakova. “Differential Evolution with Rotation-Invariant Mutation and Competing-Strategies Adaptation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2253–2258, Beijing, China, 6-11 July 2014.
- [Bulu 14] O. Bulut and M. F. Tasgetiren. “A Discrete Artificial Bee Colony Algorithm for the Economic Lot Scheduling Problem with Returns”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 551–557, Beijing, China, 6-11 July 2014.
- [Bura 14] A. Burattin, A. Sperduti, and W. M. P. van der Aalst. “Control-Flow Discovery from Event Streams”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2420–2427, Beijing, China, 6-11 July 2014.
- [Burm 14] R. Burman, S. Das, Z. Haque, A. V. Vasilakos, and S. Chakraborti. “The Monarchy Driven Optimization Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3008–3015, Beijing, China, 6-11 July 2014.
- [Byrn 14] J. Byrne, M. Nicolau, A. Brabazon, and M. O’Neill. “An Examination of Synchronisation in Artificial Gene Regulatory Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2764–2769, Beijing, China, 6-11 July 2014.
- [Cai 14a] Y. Cai and J. Du. “Enhanced Differential Evolution with Adaptive Direction Information”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 305–312, Beijing, China, 6-11 July 2014.
- [Cai 14b] Z. Cai, S. Wen, and L. Liu. “Distributed Wireless Sensor Scheduling for Multi-Target Tracking Based on Matrix-Coded Parallel Genetic Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2013–2018, Beijing, China, 6-11 July 2014.
- [Camp 14a] A. Campbell, V. Ciesielski, and K. Trist. “A Self Organising Map Based Method for Understanding Features Associated with High Aesthetic Value Evolved Abstract Images”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2274–2281, Beijing, China, 6-11 July 2014.
- [Camp 14b] M. Campos and R. Krohling. “Bare Bones Particle Swarm with Scale Mixtures of Gaussians for Dynamic Constrained Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 202–209, Beijing, China, 6-11 July 2014.
- [Carv 14] L. Carvalho and M. Fernandes. “Multi-Objective Flexible Job-Shop Scheduling Problem with DIPSO: More Diversity, Greater Efficiency”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 282–289, Beijing, China, 6-11 July 2014.
- [Cebe 14] J. Ceberio, E. Irurozki, A. Mendiburu, and J. A. Lozano. “Extending Distance-Based Ranking Models in Estimation of Distribution Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2459–2466, Beijing, China, 6-11 July 2014.
- [Cham 14] I. Chaman-Garcia, C. C. Coello, and A. Arias-Montano. “MOPSOhv: A New Hypervolume-Based Multi-Objective Particle Swarm Optimizer”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 266–273, Beijing, China, 6-11 July 2014.
- [Chan 14a] K. Y. Chan, N. Rajakaruna, C. Rathnayake, and I. Murray. “Image Deblurring Using a Hybrid Optimization Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1243–1249, Beijing, China, 6-11 July 2014.

- [Chan 14b] P.-C. Chang and X. He. “Macroscopic Indeterminacy Swarm Optimization (MISO) Algorithm for Real-Parameter Search”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1571–1578, Beijing, China, 6-11 July 2014.
- [Chat 14] H. Chatbri, P. Kwan, and K. Kameyama. “A Modular Approach for Query Spotting in Document Images and Its Optimization Using Genetic Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2085–2092, Beijing, China, 6-11 July 2014.
- [Che 14] X. Che and R. Reynolds. “A Social Metrics Based Process Model on Complex Social System”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2214–2221, Beijing, China, 6-11 July 2014.
- [Chen 14a] G. Chen, W. Luo, and T. Zhu. “Evolutionary Clustering with Differential Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1382–1389, Beijing, China, 6-11 July 2014.
- [Chen 14b] L. Chen, H.-L. Liu, Z. Zheng, and S. Xie. “A Evolutionary Algorithm Based on Covariance Matrix Learning and Searching Preference for Solving CEC 2014 Benchmark Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2672–2677, Beijing, China, 6-11 July 2014.
- [Chen 14c] M.-R. Chen, W. Zeng, G.-Q. Zeng, X. Li, and J.-P. Luo. “A Novel Artificial Bee Colony Algorithm with Integration of Extremal Optimization for Numerical Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 242–249, Beijing, China, 6-11 July 2014.
- [Chen 14d] S.-W. Chen and T.-C. Chiang. “Evolutionary Many-Objective Optimization by MO-NSGA-II with Enhanced Mating Selection”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1397–1404, Beijing, China, 6-11 July 2014.
- [Chen 14e] Y. Chen, Y. Shang, and D. Xu. “Multi-Dimensional Scaling and MODELLER-Based Evolutionary Algorithms for Protein Model Refinement”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1038–1045, Beijing, China, 6-11 July 2014.
- [Chen 14f] P. Cheng, J.-S. Pan, and C.-W. Lin. “Use EMO to Protect Sensitive Knowledge in Association Rule Mining by Removing Items”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1108–1115, Beijing, China, 6-11 July 2014.
- [Chen 14g] R. Cheng and Y. Jin. “Demonstrator Selection in a Social Learning Particle Swarm Optimizer”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3103–3110, Beijing, China, 6-11 July 2014.
- [Chen 14h] S. Cheng, Y. Shi, Q. Qin, T. O. Ting, and R. Bai. “Maintaining Population Diversity in Brain Storm Optimization Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3230–3237, Beijing, China, 6-11 July 2014.
- [Cheu 14] Y. ming Cheung and F. Gu. “Online Objective Reduction for Many-Objective Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1165–1171, Beijing, China, 6-11 July 2014.
- [Chot 14] A. Chotard, A. Auger, and N. Hansen. “Markov Chain Analysis of Evolution Strategies on a Linear Constraint Optimization Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 159–166, Beijing, China, 6-11 July 2014.

- [Chou 14] C.-H. Chou, H. Chia-Ling, and P.-C. Chang. “A RFID Network Design Methodology for Decision Problem in Health Care”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1586–1592, Beijing, China, 6-11 July 2014.
- [Chow 14a] C. K. Chow and S. Y. Yuen. “A Dynamic History-Driven Evolutionary Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1558–1564, Beijing, China, 6-11 July 2014.
- [Chow 14b] A. Chowdhury, P. Rakshit, A. Konar, and A. Nagar. “A Modified Bat Algorithm to Predict Protein-Protein Interaction Network”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1046–1053, Beijing, China, 6-11 July 2014.
- [Cleg 14] C. Clegghorn and A. Engelbrecht. “Particle Swarm Convergence: An Empirical Investigation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2524–2530, Beijing, China, 6-11 July 2014.
- [Coop 14] I. Cooper, M. John, R. Lewis, A. Olden, and C. Mumford. “Optimising Large Scale Public Transport Network Design Problems Using Mixed-Mode Parallel Multi-Objective Evolutionary Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2841–2848, Beijing, China, 6-11 July 2014.
- [Cota 14] L. P. Cota, M. N. Haddad, M. J. F. Souza, and V. N. Coelho. “AIRP: A Heuristic Algorithm for Solving the Unrelated Parallel Machine Scheduling Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1855–1862, Beijing, China, 6-11 July 2014.
- [Cui 14] T. Cui, S. Cheng, and R. Bai. “A Combinatorial Algorithm for the Cardinality Constrained Portfolio Optimization Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 491–498, Beijing, China, 6-11 July 2014.
- [Datt 14] S. Datta, P. Rakshit, A. Konar, and A. K. Nagar. “Selecting the Optimal EEG Electrode Positions for a Cognitive Task Using an Artificial Bee Colony with Adaptive Scale Factor Optimization Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2748–2755, Beijing, China, 6-11 July 2014.
- [Dave 14] D. Davendra, R. Senkerik, I. Zelinka, and M. Pluhacek. “Scatter Search Algorithm with Chaos Based Stochasticity”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 860–866, Beijing, China, 6-11 July 2014.
- [Davi 14] J. Davila. “Genotype Coding, Diversity, and Dynamic Environments: A Study on an Evolutionary Neural Network Multi-Agent System”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2306–2313, Beijing, China, 6-11 July 2014.
- [Daws 14] L. Dawson and I. Stewart. “Accelerating Ant Colony Optimization-Based Edge Detection on the GPU Using CUDA”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1736–1743, Beijing, China, 6-11 July 2014.
- [Debi 14] E. Debie, K. Shafi, K. Merrick, and C. Lokan. “An Online Evolutionary Rule Learning Algorithm with Incremental Attribute Discretization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1116–1123, Beijing, China, 6-11 July 2014.
- [Dheb 14] Y. Dhebar, K. Deb, and S. Bandaru. “Non-Uniform Mapping in Real-Coded Genetic Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2237–2244, Beijing, China, 6-11 July 2014.

- [Dick 14] G. Dick and X. Yao. “Model Representation and Cooperative Coevolution for Finite-State Machine Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2700–2707, Beijing, China, 6-11 July 2014.
- [Ding 14a] J. Ding, S. Song, R. Zhang, and C. Wu. “Minimizing Makespan for a No-Wait Flowshop Using Tabu Mechanism Improved Iterated Greedy Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1906–1911, Beijing, China, 6-11 July 2014.
- [Ding 14b] J. Ding, L. Chen, Q. Xie, T. Chai, and X. Zheng. “Effect of Pseudo Gradient on Differential Evolutionary for Global Numerical Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2019–2026, Beijing, China, 6-11 July 2014.
- [Ding 14c] K. Ding and Y. Tan. “Comparison of Random Number Generators in Particle Swarm Optimization Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2664–2671, Beijing, China, 6-11 July 2014.
- [Dong 14a] W. Dong and S. Zeng. “Linear Sparse Arrays Designed by Dynamic Constrained Multi-Objective Evolutionary Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3067–3072, Beijing, China, 6-11 July 2014.
- [Dong 14b] W. Dong, J. Tian, X. Tang, K. Sheng, and J. Liu. “Autonomous Learning Adaptation for Particle Swarm Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 223–228, Beijing, China, 6-11 July 2014.
- [Donn 14] S. Donne, M. Nicolau, C. Bean, and M. O’Neill. “Wave Height Quantification Using Land Based Seismic Data with Grammatical Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2909–2916, Beijing, China, 6-11 July 2014.
- [Dorn 14] R. Dornberger, T. Hanne, R. Ryter, and S. Michael. “Optimization of the Picking Sequence of an Automated Storage and Retrieval System (AS/RS)”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2817–2824, Beijing, China, 6-11 July 2014.
- [Du 14a] X. Du and X. Chang. “Performance of AI Algorithms for Mining Meaningful Roles”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2070–2076, Beijing, China, 6-11 July 2014.
- [Du 14b] M. yu Du, X. juan Lei, and Z. qiang Wu. “A Simplified Glowworm Swarm Optimization Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2861–2868, Beijing, China, 6-11 July 2014.
- [Duan 14] P. Duan, S. Xiong, Z. Hu, Q. Chen, and X. Zhong. “Multi-Objective Optimization Model Based on Steady Degree for Teaching Building Evacuation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 924–929, Beijing, China, 6-11 July 2014.
- [Elsa 14a] S. Elsayed, T. Ray, and R. Sarker. “A Surrogate-Assisted Differential Evolution Algorithm with Dynamic Parameters Selection for Solving Expensive Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1062–1068, Beijing, China, 6-11 July 2014.
- [Elsa 14b] S. Elsayed, R. Sarker, and D. Essam. “United Multi-Operator Evolutionary Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1006–1013, Beijing, China, 6-11 July 2014.

- [Elsa 14c] S. Elsayed, R. Sarker, D. Essam, and N. Hamza. “Testing United Multi-Operator Evolutionary Algorithms on the CEC2014 Real-Parameter Numerical Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1650–1657, Beijing, China, 6-11 July 2014.
- [Enay 14] Y. Enaya and K. Deb. “Network Path Optimization Under Dynamic Conditions”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2977–2984, Beijing, China, 6-11 July 2014.
- [Erli 14a] I. Erlich, J. L. Rueda, and S. Wildenhues. “Evaluating the Mean-Variance Mapping Optimization on the IEEE-CEC 2014 Test Suite”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1625–1632, Beijing, China, 6-11 July 2014.
- [Erli 14b] I. Erlich, J. L. Rueda, and S. Wildenhues. “Solving the IEEE-CEC 2014 Expensive Optimization Test Problems by Using Single-Particle MVMO”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1084–1091, Beijing, China, 6-11 July 2014.
- [Ever 14] T. Everitt, T. Lattimore, and M. Hutter. “Free Lunch for Optimisation under the Universal Distribution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 167–174, Beijing, China, 6-11 July 2014.
- [Farz 14] S. Farzan and G. DeSouza. “A Parallel Evolutionary Solution for the Inverse Kinematics of Generic Robotic Manipulators”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 358–365, Beijing, China, 6-11 July 2014.
- [Fatn 14] E. Fatnassi, O. Chebbi, and J. Chaouachi. “A Bee Colony Algorithm for Routing Guided Automated Battery-Operated Electric Vehicles in Personal Rapid Transit Systems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 536–543, Beijing, China, 6-11 July 2014.
- [Feli 14] D. Felipe, E. F. G. Goldberg, and M. C. Goldberg. “Scientific Algorithms for the Car Renter Salesman Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 873–879, Beijing, China, 6-11 July 2014.
- [Feng 14] S. Feng, S. Tan, and J. Lu. “Characterizing the Impact of Selection on the Evolution of Cooperation in Complex Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 813–818, Beijing, China, 6-11 July 2014.
- [Fiel 14] J. Fieldsend. “Running Up Those Hills: Multi-Modal Search with the Niching Migratory Multi-Swarm Optimiser”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2593–2600, Beijing, China, 6-11 July 2014.
- [Foge 14] G. Fogel, E. Liu, M. Salemi, S. Lamers, and M. McGrath. “Evolved Neural Networks for HIV-1 Co-Receptor Identification”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2778–2784, Beijing, China, 6-11 July 2014.
- [Fong 14] C. W. Fong, H. Asmuni, W. S. Lam, B. McCollum, and P. McMullan. “A Novel Hybrid Approach for Curriculum Based Course Timetabling Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 544–550, Beijing, China, 6-11 July 2014.
- [Frie 14] T. Friedrich and S. Menzel. “A Cascaded Evolutionary Multi-Objective Optimization for Solving the Unbiased Universal Electric Motor Family Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3184–3191, Beijing, China, 6-11 July 2014.



- [Fu 14a] H. Fu, P. Lewis, B. Sendhoff, K. Tang, and X. Yao. “What Are Dynamic Optimization Problems?”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1550–1557, Beijing, China, 6-11 July 2014.
- [Fu 14b] W. Fu, M. Johnston, and M. Zhang. “Unsupervised Learning for Edge Detection Using Genetic Programming”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 117–124, Beijing, China, 6-11 July 2014.
- [Gao 14a] C. Gao, T. Weise, and J. Li. “A Weighting-Based Local Search Heuristic Algorithm for the Set Covering Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 826–831, Beijing, China, 6-11 July 2014.
- [Gao 14b] S. Gao, Z. Liu, C. Dai, and X. Geng. “Application of BPSO with GA in Model-Based Fault Diagnosis of Traction Substation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2063–2069, Beijing, China, 6-11 July 2014.
- [Gard 14] R. Garden and A. Engelbrecht. “Analysis and Classification of Optimisation Benchmark Functions and Benchmark Suites”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1641–1649, Beijing, China, 6-11 July 2014.
- [Gaud 14] M. Gaudesi, E. Piccolo, G. Squillero, and A. Tonda. “TURAN: Evolving Non-Deterministic Players for the Iterated Prisoner’s Dilemma”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 21–27, Beijing, China, 6-11 July 2014.
- [Gee 14] S. B. Gee and K. C. Tan. “Diversity Preservation with Hybrid Recombination for Evolutionary Multiobjective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1172–1178, Beijing, China, 6-11 July 2014.
- [Geor 14] K. S. Georgieva and A. P. Engelbrecht. “Cooperative DynDE for Temporal Data Clustering”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 437–444, Beijing, China, 6-11 July 2014.
- [Glet 14] K. Glette and P. Kaufmann. “Lookup Table Partial Reconfiguration for an Evolvable Hardware Classifier System”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1706–1713, Beijing, China, 6-11 July 2014.
- [Gonz 14] A. Gonzalez-Pardo and D. Camacho. “A New CSP Graph-Based Representation to Resource-Constrained Project Scheduling Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 344–351, Beijing, China, 6-11 July 2014.
- [Gree 14] G. Greenwood, S. Elsayed, R. Sarker, and H. Abbass. “Online Generation of Trajectories for Autonomous Vehicles Using a Multi-Agent System”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1218–1224, Beijing, China, 6-11 July 2014.
- [Grob 14] J. Grobler, A. P. Engelbrecht, G. Kendall, and V. Yadavalli. “Heuristic Space Diversity Management in a Meta-Hyper-Heuristic Framework”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1863–1869, Beijing, China, 6-11 July 2014.
- [Gu 14a] J. Gu and X. Shi. “An Adaptive PSO Based on Motivation Mechanism and Acceleration Restraint Operator”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1328–1336, Beijing, China, 6-11 July 2014.

- [Gu 14b] L. Gu, P. Yang, and Y. Dong. “A Dynamic-Weighted Collaborative Filtering Approach to Address Sparsity and Adaptivity Issues”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3044–3050, Beijing, China, 6-11 July 2014.
- [Guo 14] Y. Guo, M. Chen, H. Fu, and Y. Liu. “Find Robust Solutions Over Time by Two-Layer Multi-Objective Optimization Method”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1528–1535, Beijing, China, 6-11 July 2014.
- [Hamz 14] N. Hamza, R. Sarker, and D. Essam. “Differential Evolution with a Constraint Consensus Mutation for Solving Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 991–997, Beijing, China, 6-11 July 2014.
- [Hand 14] H. Handa. “Deep Boltzmann Machine for Evolutionary Agents of Mario AI”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 36–41, Beijing, China, 6-11 July 2014.
- [Hard 14] M. Hardhienata, V. Ugrinovskii, and K. Merrick. “Task Allocation Under Communication Constraints Using Motivated Particle Swarm Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3135–3142, Beijing, China, 6-11 July 2014.
- [Harr 14] K. Harrison, B. Ombuki-Berman, and A. Engelbrecht. “Dynamic Multi-Objective Optimization Using Charged Vector Evaluated Particle Swarm Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1929–1936, Beijing, China, 6-11 July 2014.
- [He 14a] J. He, M. Boris, and Y. Zhou. “A Theoretical Assessment of Solution Quality in Evolutionary Algorithms for the Knapsack Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 141–148, Beijing, China, 6-11 July 2014.
- [He 14b] P. He, L. Lu, X. Xu, K. Li, H. Qian, and W. Zhang. “Confidence-Based Ant Random Walks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1721–1728, Beijing, China, 6-11 July 2014.
- [He 14c] T. He and K. C. Chan. “Evolutionary Community Detection in Social Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1496–1503, Beijing, China, 6-11 July 2014.
- [Helb 14] M. Helbig and A. Engelbrecht. “Heterogeneous Dynamic Vector Evaluated Particle Swarm Optimisation for Dynamic Multi-Objective Optimisation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3151–3159, Beijing, China, 6-11 July 2014.
- [Htio 14] S. Htiouech and S. Bouamama. “A Lagrangian and Surrogate Information Enhanced Tabu Search for the MMKP”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1461–1468, Beijing, China, 6-11 July 2014.
- [Hu 14a] W. Hu, G. Yen, and X. Zhang. “Sensitivity Analysis of Parallel Cell Coordinate System in Many-Objective Particle Swarm Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2641–2648, Beijing, China, 6-11 July 2014.
- [Hu 14b] X.-B. Hu and M. S. Leeson. “Genetic Algorithm with Spatial Receding Horizon Control for the Optimization of Facility Locations”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 903–909, Beijing, China, 6-11 July 2014.

- [Hu 14c] X.-B. Hu, M. Wang, and M. S. Leeson. “Calculating the Complete Pareto Front for a Special Class of Continuous Multi-Objective Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 290–297, Beijing, China, 6-11 July 2014.
- [Hu 14d] Z. Hu, Y. Bao, and T. Xiong. “Partial Opposition-Based Adaptive Differential Evolution Algorithms: Evaluation on the CEC 2014 Benchmark Set for Real-Parameter Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2259–2265, Beijing, China, 6-11 July 2014.
- [Hui 14] S. Hui and N. S. Ponnuthurai. “Niching-Based Self-adaptive Ensemble DE with MMTS for Solving Dynamic Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1536–1541, Beijing, China, 6-11 July 2014.
- [Hunt 14] R. Hunt, M. Johnston, and M. Zhang. “Evolving Machine-Specific Dispatching Rules for a Two-Machine Job Shop using Genetic Programming”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 618–625, Beijing, China, 6-11 July 2014.
- [Huo 14] Y. Huo, Z. Cai, W. Gong, and Q. Liu. “A New Adaptive Kalman Filter by Combining Evolutionary Algorithm and Fuzzy Inference System”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2893–2900, Beijing, China, 6-11 July 2014.
- [Ivan 14] Z. Ivan, L. Jouni, S. Roman, P. Michal, and D. Donald. “Evolutionary Algorithms Dynamics and Its Hidden Complex Network Structures”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3246–3251, Beijing, China, 6-11 July 2014.
- [Jana 14] N. D. Jana, S. Das, and J. Sil. “Particle Swarm Optimization with Population Adaptation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 573–578, Beijing, China, 6-11 July 2014.
- [Jane 14] A. Janeczek, T. Jordan, and F. B. de Lima-Neto. “Swarm/Evolutionary Intelligence for Agent-Based Social Simulation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2925–2932, Beijing, China, 6-11 July 2014.
- [Jari 14] C. Jariyantiwait and G. Yen. “Fuzzy Multiobjective Differential Evolution Using Performance Metrics Feedback”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1959–1966, Beijing, China, 6-11 July 2014.
- [Jian 14a] Q. Jiang, L. Wang, X. Hei, R. Fei, D. Yang, F. Zou, H. Li, and Z. Cao. “Optimal Approximation of Stable Linear Systems with a Novel and Efficient Optimization Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 840–844, Beijing, China, 6-11 July 2014.
- [Jian 14b] S. Jiang and S. Yang. “An Improved Quantum-Behaved Particle Swarm Optimization Based on Linear Interpolation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 769–775, Beijing, China, 6-11 July 2014.
- [Jian 14c] Y. Jiang, Z. Yang, Z. Hao, Y. Wang, and H. He. “A Cooperative Honey Bee Mating Algorithm and Its Application in Multi-Threshold Image Segmentation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1579–1585, Beijing, China, 6-11 July 2014.
- [Jin 14] N. Jin and X. Yao. “Heuristic Optimization for Software Project Management with Impacts of Team Efficiency”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3016–3023, Beijing, China, 6-11 July 2014.

- [Juan 14] T. Juan, A. Jose, and C. Mariela. “Cultural Learning for Multi-Agent System and Its Application to Fault Management”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2188–2195, Beijing, China, 6–11 July 2014.
- [Jude 14] T. Judeh, T. Jayyousi, L. Acharya, R. Reynolds, and D. Zhu. “GSCA: Reconstructing Biological Pathway Topologies Using a Cultural Algorithms Approach”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2206–2213, Beijing, China, 6–11 July 2014.
- [Kari 14] M. R. Karim and M. Mouhoub. “Coevolutionary Genetic Algorithm for Variable Ordering in CSPs”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2716–2723, Beijing, China, 6–11 July 2014.
- [Kasz 14] E. Kaszkurewicz, A. Bhaya, J. Jayadeva, and J. M. M. da Silva. “The Coupled EigenAnt Algorithm for Shortest Path Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1729–1735, Beijing, China, 6–11 July 2014.
- [Katt 14] A. Kattan, M. Kampouridis, Y.-S. Ong, and K. Mehamdi. “Transformation of Input Space Using Statistical Moments: EA-Based Approach”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2499–2506, Beijing, China, 6–11 July 2014.
- [Kazi 14a] B. Kazimipour, X. Li, and A. Qin. “Effects of Population Initialization on Differential Evolution for Large Scale Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2404–2411, Beijing, China, 6–11 July 2014.
- [Kazi 14b] B. Kazimipour, X. Li, and A. Qin. “A Review of Population Initialization Techniques for Evolutionary Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2585–2592, Beijing, China, 6–11 July 2014.
- [Kazi 14c] B. Kazimipour, M. N. Omidvar, X. Li, and A. Qin. “A Novel Hybridization of Opposition-Based Learning and Cooperative Co-Evolutionary for Large-Scale Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2833–2840, Beijing, China, 6–11 July 2014.
- [Ke 14] L. Ke. “A Cooperative Approach between Metaheuristic and Branch-and-Price for the Team Orienteering Problem with Time Windows”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1878–1882, Beijing, China, 6–11 July 2014.
- [Ki B 14] L. Ki-Baek and K. Jong-Hwan. “DMOPSO: Dual Multi-Objective Particle Swarm Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3096–3102, Beijing, China, 6–11 July 2014.
- [Kizi 14] D. Kizilay, M. F. Tasgetiren, O. Bulut, and B. Bostan. “A Discrete Artificial Bee Colony Algorithm for the Parallel Machine Scheduling Problem in DYO Painting Company”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 653–660, Beijing, China, 6–11 July 2014.
- [Klaz 14] R. Klazar and A. Engelbrecht. “Parameter Optimization by Means of Statistical Quality Guides in F-Race”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2547–2552, Beijing, China, 6–11 July 2014.
- [Kraw 14] B. Krawczyk, I. Triguero, S. Garcia, M. Wozniak, and F. Herrera. “A First Attempt on Evolutionary Prototype Reduction for Nearest Neighbor One-Class Classification”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 747–753, Beijing, China, 6–11 July 2014.

- [Kren 14] T. Kren and R. Neruda. “Generating Lambda Term Individuals in Typed Genetic Programming Using Forgetful A\*”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1847–1854, Beijing, China, 6–11 July 2014.
- [Krit 14] T. Krityakierne, J. Mueller, and C. Shoemaker. “SO-MODS: Optimization for High Dimensional Computationally Expensive Multi-Modal Functions with Surrogate Search”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1092–1099, Beijing, China, 6–11 July 2014.
- [Krom 14] P. Kromer, I. Zelinka, and V. Snasel. “Can Deterministic Chaos Improve Differential Evolution for the Linear Ordering Problem?”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1443–1448, Beijing, China, 6–11 July 2014.
- [Ksib 14] A. Ksibi, A. B. Ammar, and C. B. Amar. “Enhancing Relevance Re-Ranking Using Nature-Inspired Meta-Heuristic Optimization Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1435–1442, Beijing, China, 6–11 July 2014.
- [Kuan 14a] F. Kuang, Z. Jin, W. Xu, and S. Zhang. “A Novel Chaotic Artificial Bee Colony Algorithm Based on Tent Map”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 235–241, Beijing, China, 6–11 July 2014.
- [Kuan 14b] L. Kuang, Z. Zhao, F. Wang, Y. Li, F. Yu, and Z. Li. “A Differential Evolution Box-Covering Algorithm for Fractal Dimension on Complex Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 693–699, Beijing, China, 6–11 July 2014.
- [Lara 14] R. Lara-Cabrera, C. Cotta, and A. J. Fernandez-Leiva. “A Self-Adaptive Evolutionary Approach to the Evolution of Aesthetic Maps for a RTS Game”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 298–304, Beijing, China, 6–11 July 2014.
- [Latt 14] V. Lattarulo, B. A. Lindley, and G. T. Parks. “Application of the MOAA for the Optimization of CORAIL Assemblies for Nuclear Reactors”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1413–1420, Beijing, China, 6–11 July 2014.
- [Laur 14] F. Lauri and A. Koukam. “Hybrid ACO/EA Algorithms Applied to the Multi-Agent Patrolling Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 250–257, Beijing, China, 6–11 July 2014.
- [Lee 14a] G. Lee, M. Luo, F. Zambetta, and X. Li. “Learning a Super Mario Controller from Examples of Human Play”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1–8, Beijing, China, 6–11 July 2014.
- [Lee 14b] P.-M. Lee and T.-C. Hsiao. “Applying LCS to Affective Images Classification in Spatial-Frequency Domain”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1690–1697, Beijing, China, 6–11 July 2014.
- [Lee 14c] S.-M. Lee and H. Myung. “A Cooperative Coevolutionary Approach to Multi-Robot Formation Control”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1225–1231, Beijing, China, 6–11 July 2014.
- [Leit 14] V. Leite, C. Silva, J. Claro, and J. M. C. Sousa. “Optimization of Power Flow with Energy Storage Using Genetic Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2678–2684, Beijing, China, 6–11 July 2014.

- [Leun 14] M. F. Leung, S. C. Ng, C. C. Cheung, and A. K. Lui. “A New Strategy for Finding Good Local Guides in MOPSO”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1990–1997, Beijing, China, 6–11 July 2014.
- [Li 14a] B. Li, R. Chiong, and L. Gong. “Search-Evasion Path Planning for Submarines Using the Artificial Bee Colony Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 528–535, Beijing, China, 6–11 July 2014.
- [Li 14b] B. Li, J. Li, K. Tang, and X. Yao. “An Improved Two Archive Algorithm for Many-Objective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2869–2876, Beijing, China, 6–11 July 2014.
- [Li 14c] F. Li, Y. Zhang, and H. Li. “Quantum Bacterial Foraging Optimization Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1265–1272, Beijing, China, 6–11 July 2014.
- [Li 14d] H. Li, Q. Zhang, and J. Deng. “Multiobjective Test Problems with Complicated Pareto Fronts: Difficulties in Degeneracy”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2156–2163, Beijing, China, 6–11 July 2014.
- [Li 14e] J. Li and J. Zhang. “Using Estimation of Distribution Algorithm to Coordinate Decentralized Learning Automata for Meta-Task Scheduling”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2077–2084, Beijing, China, 6–11 July 2014.
- [Li 14f] J. Li, S. Zheng, and Y. Tan. “Adaptive Fireworks Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3214–3221, Beijing, China, 6–11 July 2014.
- [Li 14g] M. Li and C. O’Riordan. “Graph Centrality Measures and the Robustness of Cooperation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1232–1237, Beijing, China, 6–11 July 2014.
- [Li 14h] M. Li, T. Ji, P. Wu, S. He, and Q. Wu. “Protein Folding Estimation Using Paired-Bacteria Optimizer”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2027–2032, Beijing, China, 6–11 July 2014.
- [Li 14i] M. Li, S. Yang, and X. Liu. “A Test Problem for Visual Investigation of High-Dimensional Multi-Objective Search”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2140–2147, Beijing, China, 6–11 July 2014.
- [Li 14j] X. Li, W. He, and K. Hirasawa. “Adaptive Genetic Network Programming”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1808–1815, Beijing, China, 6–11 July 2014.
- [Li 14k] X. Li, W. He, and K. Hirasawa. “Creating Stock Trading Rules Using Graph-Based Estimation of Distribution Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 731–738, Beijing, China, 6–11 July 2014.
- [Li 14l] X. Li, W. He, and K. Hirasawa. “Generalized Classifier System: Evolving Classifiers with Cyclic Conditions”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1682–1689, Beijing, China, 6–11 July 2014.
- [Li 14m] X. Li, W. He, and K. Hirasawa. “Learning and Evolution of Genetic Network Programming with Knowledge Transfer”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 798–805, Beijing, China, 6–11 July 2014.

- [Li 14n] Y. Li, A. Zhou, and G. Zhang. “An MOEA/D with Multiple Differential Evolution Mutation Operators”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 397–404, Beijing, China, 6-11 July 2014.
- [Li 14o] Y. Li, X. Tian, L. Jiao, and X. Zhang. “Biclustering of Gene Expression Data Using Particle Swarm Optimization Integrated with Pattern-Driven Local Search”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1367–1373, Beijing, China, 6-11 July 2014.
- [Li 14p] Z. Li, J. Zhang, W. Wang, and J. Yao. “Dimensions Cooperate by Euclidean Metric in Particle Swarm Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1359–1366, Beijing, China, 6-11 July 2014.
- [Li 14q] Z. Li, Z. Shang, J. J. Liang, and B. Y. Qu. “Differential Evolution Strategy Based on the Constraint of Fitness Values Classification”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1454–1460, Beijing, China, 6-11 July 2014.
- [Li 14r] Z. Li, Z. Shang, J. J. Liang, and B. Y. Qu. “Feature Selection Based on Manifold-Learning with Dynamic Constraint-Handling Differential Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 332–337, Beijing, China, 6-11 July 2014.
- [Lian 14a] J. J. Liang, B. Y. Qu, H. Song, and Z. G. Shang. “Memetic Differential Evolution Based on Fitness Euclidean-Distance Ratio”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2266–2273, Beijing, China, 6-11 July 2014.
- [Lian 14b] J. J. Liang, B. Zheng, B. Y. Qu, and H. Song. “Multi-Objective Differential Evolution Algorithm Based on Fast Sorting and a Novel Constraints Handling Technique”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 445–450, Beijing, China, 6-11 July 2014.
- [Lian 14c] Y.-C. Liang, H.-L. Chen, and Y.-H. Nien. “Artificial Bee Colony for Workflow Scheduling”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 558–564, Beijing, China, 6-11 July 2014.
- [Liao 14a] Q. Liao, A. Zhou, and G. Zhang. “A Locally Weighted Metamodel for Pre-Selection in Evolutionary Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2483–2490, Beijing, China, 6-11 July 2014.
- [Liao 14b] X.-L. Liao, C.-H. Chien, and C.-K. Ting. “A Genetic Algorithm for the Minimum Latency Pickup and Delivery Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3272–3279, Beijing, China, 6-11 July 2014.
- [Lin 14a] K. Lin, X. Wang, X. Li, and Y. Tan. “Self-Adaptive Morphable Model Based Multi-View Non-Cooperative 3D Face Reconstruction”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 320–325, Beijing, China, 6-11 July 2014.
- [Lin 14b] L. Lin, G. Mitsuo, and L. Yan. “A Hybrid EA for High-Dimensional Subspace Clustering Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2855–2860, Beijing, China, 6-11 July 2014.
- [Ling 14] S. H. Ling, P. P. San, H. K. Lam, and H. Nguyen. “Non-Invasive Detection of Hypoglycemic Episodes in Type1 Diabetes Using Intelligent Hybrid Rough Neural System”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1238–1242, Beijing, China, 6-11 July 2014.

- [Liu 14a] B. Liu, Q. Chen, Q. Zhang, G. Gielen, and V. Grout. “Behavioral Study of the Surrogate Model-Aware Evolutionary Search Framework”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 715–722, Beijing, China, 6-11 July 2014.
- [Liu 14b] C. Liu and B. Li. “Memetic Algorithm with Adaptive Local Search Depth for Large Scale Global Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 82–88, Beijing, China, 6-11 July 2014.
- [Liu 14c] H. Liu, J. Zhou, X. Wu, and P. Yuan. “Optimization Algorithm for Rectangle Packing Problem Based on Varied-Factor Genetic Algorithm and Lowest Front-Line Strategy”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 352–357, Beijing, China, 6-11 July 2014.
- [Liu 14d] H. Liu, Z. Wu, H. Wang, S. Rahnamayan, and C. Deng. “Improved Differential Evolution with Adaptive Opposition Strategy”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1776–1783, Beijing, China, 6-11 July 2014.
- [Liu 14e] J. Liu, Y. He, and Y. Hu. “Regression Ensemble with PSO Algorithms Based Fuzzy Integral”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 762–768, Beijing, China, 6-11 July 2014.
- [Liu 14f] J. Liu, B. gen Cai, and J. Wang. “Particle Swarm Optimization for Integrity Monitoring in BDS/DR Based Railway Train Positioning”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 792–797, Beijing, China, 6-11 July 2014.
- [Liu 14g] J. Liu, S. Zheng, and Y. Tan. “Analysis on Global Convergence and Time Complexity of Fireworks Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3207–3213, Beijing, China, 6-11 July 2014.
- [Liu 14h] M. Liu, H. Singh, and T. Ray. “A Benchmark Generator for Dynamic Capacitated Arc Routing Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 579–586, Beijing, China, 6-11 July 2014.
- [Liu 14i] M. Liu, H. Singh, and T. Ray. “A Memetic Algorithm with a New Split Scheme for Solving Dynamic Capacitated Arc Routing Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 595–602, Beijing, China, 6-11 July 2014.
- [Liu 14j] M. Liu, J. Zheng, J. Wang, Y. Liu, and L. Jiang. “An Adaptive Diversity Introduction Method for Dynamic Evolutionary Multiobjective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3160–3167, Beijing, China, 6-11 July 2014.
- [Liu 14k] R. Liu, X. Niu, and L. Jiao. “A Multi-Swarm Particle Swarm Optimization with Orthogonal Learning for Locating and Tracking Multiple Optima in Dynamic Environments”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 754–761, Beijing, China, 6-11 July 2014.
- [Liu 14l] T. Liu, C. Sun, J. Zeng, and Y. Jin. “Similarity- and Reliability-Assisted Fitness Estimation for Particle Swarm Optimization of Expensive Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 640–646, Beijing, China, 6-11 July 2014.
- [Liu 14m] W.-Y. Liu and C.-C. Lin. “A Cultural Algorithm for Spatial Forest Harvest Scheduling”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1273–1276, Beijing, China, 6-11 July 2014.



- [Lope 14] R. E. Lopez-Herrejon, J. Ferrer, F. Chicano, A. Egyed, and E. Alba. “Comparative Analysis of Classical Multi-Objective Evolutionary Algorithms and Seeding Strategies for Pairwise Testing of Software Product Lines”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 387–396, Beijing, China, 6-11 July 2014.
- [Loti 14] M. Lotif. “Visualizing the Population of Meta-Heuristics During the Optimization Process Using Self-Organizing Maps”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 313–319, Beijing, China, 6-11 July 2014.
- [Low 14] W. Low, J. D. Weerdt, M. Wynn, A. ter Hofstede, W. van der Aalst, and S. vanden Broucke. “Perturbing Event Logs to Identify Cost Reduction Opportunities: A Genetic Algorithm-Based Approach”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2428–2435, Beijing, China, 6-11 July 2014.
- [Luo 14a] C. Luo, K. Shimoyama, and S. Obayashi. “Kriging Model Based Many-Objective Optimization with Efficient Calculation of Expected Hypervolume Improvement”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1187–1194, Beijing, China, 6-11 July 2014.
- [Luo 14b] Y. Luo, S. Huang, and J. Hu. “A Niching Two-Layered Differential Evolution with Self-Adaptive Control Parameters”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1405–1412, Beijing, China, 6-11 July 2014.
- [Ma 14a] A. Ma, Y. Zhong, and L. Zhang. “Remote Sensing Imagery Clustering Using an Adaptive Bi-Objective Memetic Method”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 50–57, Beijing, China, 6-11 July 2014.
- [Ma 14b] J. Ma, J. Zhang, W. Wang, and J. Yao. “Phase Transition Particle Swarm Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2531–2538, Beijing, China, 6-11 July 2014.
- [Ma 14c] J. Ma, Y. Lei, Z. Wang, and L. Jiao. “A Memetic Algorithm Based on Immune Multi-Objective Optimization for Flexible Job-Shop Scheduling Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 58–65, Beijing, China, 6-11 July 2014.
- [Ma 14d] W. Ma, Y. Zuo, J. Zeng, S. Liang, and L. Jiao. “A Memetic Algorithm for Solving Flexible Job-Shop Scheduling Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 66–73, Beijing, China, 6-11 July 2014.
- [Madu 14] A. Madureira, B. Cunha, and I. Pereira. “Cooperation Mechanism For Distributed Resource Scheduling Through Artificial Bee Colony Based Self-Organized Scheduling System”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 565–572, Beijing, China, 6-11 July 2014.
- [Mahd 14] S. Mahdavi, M. E. Shiri, and S. Rahnamayan. “Cooperative Co-Evolution with a New Decomposition Method for Large-Scale Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1285–1292, Beijing, China, 6-11 July 2014.
- [Maia 14] R. Maia, L. de Castro, and W. Caminhas. “Real-Parameter Optimization with OptBees”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2649–2655, Beijing, China, 6-11 July 2014.
- [Mala 14] K. Malan and A. Engelbrecht. “A Progressive Random Walk Algorithm for Sampling Continuous Fitness Landscapes”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2507–2514, Beijing, China, 6-11 July 2014.

- [Mall 14] R. Mallipeddi, G. Wu, M. Lee, and S. P. Nagarathnam. “Gaussian Adaptation Based Parameter Adaptation for Differential Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1760–1767, Beijing, China, 6-11 July 2014.
- [Manf 14] F. Manfrini, H. Barbosa, and H. Bernadino. “Optimization of Combinational Logic Circuits Through Decomposition of Truth Table and Evolution of Sub-Circuits”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 945–950, Beijing, China, 6-11 July 2014.
- [Marc 14] L. Marchetti, V. Manca, and I. Zelinka. “On the Inference of Deterministic Chaos: Evolutionary Algorithm and Metabolic P System Approaches”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1483–1489, Beijing, China, 6-11 July 2014.
- [Mari 14] E. D. Mario, I. Navarro, and A. Martinoli. “Analysis of Fitness Noise in Particle Swarm Optimization: From Robotic Learning to Benchmark Functions”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2785–2792, Beijing, China, 6-11 July 2014.
- [Mart 14a] S. Z. Martinez and C. A. C. Coello. “A Multi-Objective Evolutionary Algorithm Based on Decomposition for Constrained Multi-Objective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 429–436, Beijing, China, 6-11 July 2014.
- [Mart 14b] L. Martins, R. Nobre, A. Delbem, E. Marques, and J. Cardoso. “A Clustering-Based Approach for Exploring Sequences of Compiler Optimizations”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2436–2443, Beijing, China, 6-11 July 2014.
- [Masi 14] L. Masi and M. Vasile. “A Multidirectional Physarum Solver for the Automated Design of Space Trajectories”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2992–2999, Beijing, China, 6-11 July 2014.
- [Masu 14] H. Masuda, Y. Nojima, and H. Ishibuchi. “Visual Examination of the Behavior of EMO Algorithms for Many-Objective Optimization with Many Decision Variables”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2633–2640, Beijing, China, 6-11 July 2014.
- [Mate 14] O. Matei, D. Contrás, and P. Pop. “Applying Evolutionary Computation for Evolving Ontologies”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1520–1527, Beijing, China, 6-11 July 2014.
- [Maus 14] I. Mauser, M. Dorscheid, F. Allerding, and H. Schmeck. “Encodings for Evolutionary Algorithms in Smart Buildings with Energy Management Systems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2361–2366, Beijing, China, 6-11 July 2014.
- [Mavr 14a] M. Mavrovouniotis and S. Yang. “Elitism-Based Immigrants for Ant Colony Optimization in Dynamic Environments: Adapting the Replacement Rate”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1752–1759, Beijing, China, 6-11 July 2014.
- [Mavr 14b] M. Mavrovouniotis and S. Yang. “Interactive and Non-Interactive Hybrid Immigrants Schemes for Ant Algorithms in Dynamic Environments”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1542–1549, Beijing, China, 6-11 July 2014.
- [Mayo 14] M. Mayo and Q. Sun. “Evolving Artificial Datasets to Improve Interpretable Classifiers”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2367–2374, Beijing, China, 6-11 July 2014.

- [McNa 14] A. McNabb and K. Seppi. “Serial PSO Results are Irrelevant in a Multi-Core Parallel World”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3143–3150, Beijing, China, 6-11 July 2014.
- [Mei 14] Y. Mei, X. Li, and X. Yao. “Variable Neighborhood Decomposition for Large Scale Capacitated Arc Routing Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1313–1320, Beijing, China, 6-11 July 2014.
- [Menc 14] A. Menchaca-Mendez and C. A. C. Coello. “MD-MOEA : A New MOEA Based on the Maximin Fitness Function and Euclidean Distances between Solutions”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2148–2155, Beijing, China, 6-11 July 2014.
- [Mene 14a] H. D. Menendez, D. F. Barrero, and D. Camacho. “A Co-Evolutionary Multi-Objective Approach for a K-Adaptive Graph-Based Clustering Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2724–2731, Beijing, China, 6-11 July 2014.
- [Mene 14b] H. D. Menendez, L. Plaza, and D. Camacho. “Combining Graph Connectivity and Genetic Clustering to Improve Biomedical Summarization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2740–2747, Beijing, China, 6-11 July 2014.
- [Mene 14c] M. Menezes, M. Goldbarg, and E. Goldbarg. “A Memetic Algorithm for the Prize Collecting Traveling Car Renter Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3258–3265, Beijing, China, 6-11 July 2014.
- [Mesa 14] E. Mesa, J. D. Velasquez, and P. Jaramillo. “A New Self-Adaptive PSO Based on the Identification of Planar Regions”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1937–1943, Beijing, China, 6-11 July 2014.
- [Metl 14] M. Metlicka and D. Davendra. “Chaos-Driven Discrete Artificial Bee Colony”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2947–2954, Beijing, China, 6-11 July 2014.
- [Mini 14] E. Minisci and M. Vasile. “Adaptive Inflationary Differential Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1792–1799, Beijing, China, 6-11 July 2014.
- [Moha 14] A. Mohammadi, M. N. Omidvar, X. Li, and K. Deb. “Integrating User Preferences and Decomposition Methods for Many-Objective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 421–428, Beijing, China, 6-11 July 2014.
- [Moli 14] D. Molina, B. Lacroix, and F. Herrera. “Influence of Regions on the Memetic Algorithm for the Special Session on Real-Parameter Single Objective Optimisation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1633–1640, Beijing, China, 6-11 July 2014.
- [Mont 14] J. Montgomery, S. Chen, and Y. Gonzalez-Fernandez. “Identifying and Exploiting the Scale of a Search Space in Differential Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1427–1434, Beijing, China, 6-11 July 2014.
- [Mosh 14a] A. Moshaiov and O. Abramovich. “Is MO-CMA-ES Superior to NSGA-II for the Evolution of Multi-Objective Neuro-Controllers?”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2809–2816, Beijing, China, 6-11 July 2014.

- [Mosh 14b] A. Moshaiov and A. Tal. “Family Bootstrapping: A Genetic Transfer Learning Approach for Onsetting the Evolution for a Set of Related Robotic Tasks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2801–2808, Beijing, China, 6-11 July 2014.
- [Mu 14a] C. Mu, J. Xie, R. Liu, and L. Jiao. “A Memetic Algorithm Using Local Structural Information for Detecting Community Structure in Complex Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 680–686, Beijing, China, 6-11 July 2014.
- [Mu 14b] C. Mu, J. Zhang, and L. Jiao. “An Intelligent Ant Colony Optimization for Community Detection in Complex Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 700–706, Beijing, China, 6-11 July 2014.
- [Naqv 14] S. S. Naqvi, W. N. Browne, and C. Hollitt. “Genetic Algorithms Based Feature Combination for Salient Object Detection, for Autonomously Identified Image Domain Types”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 109–116, Beijing, China, 6-11 July 2014.
- [Nguy 14a] B. H. Nguyen, B. Xue, I. Liu, and M. Zhang. “Filter Based Backward Elimination in Wrapper Based PSO for Feature Selection in Classification”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3111–3118, Beijing, China, 6-11 July 2014.
- [Nguy 14b] S. Nguyen, M. Zhang, and M. Johnston. “A Sequential Genetic Programming Method to Learn Forward Construction Heuristics for Order Acceptance and Scheduling”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1824–1831, Beijing, China, 6-11 July 2014.
- [Nguy 14c] T. T. Nguyen, A. W.-C. Liew, M. T. Tran, X. C. Pham, and M. P. Nguyen. “A Novel Genetic Algorithm Approach for Simultaneous Feature and Classifier Selection in Multi Classifier System”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1698–1705, Beijing, China, 6-11 July 2014.
- [Nguy 14d] T. Nguyen, K. Nguyen, and R. Thawonmas. “Integrating Fuzzy Integral and Heuristic Search for Unit Micromanagement in RTS Games”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 9–12, Beijing, China, 6-11 July 2014.
- [Ni 14] Q. Ni, C. Cao, and X. Yin. “A New Dynamic Probabilistic Particle Swarm Optimization with Dynamic Random Population Topology”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1321–1327, Beijing, China, 6-11 July 2014.
- [Nish 14] M. Nishiyama and H. Iba. “Applying Conversion Matrix to Robots for Imitating Motion Using Genetic Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 938–944, Beijing, China, 6-11 July 2014.
- [Niu 14a] B. Niu and Y. Bi. “Binary Bacterial Foraging Optimization for Solving 0/1 Knapsack Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 647–652, Beijing, China, 6-11 July 2014.
- [Niu 14b] B. Niu, T. Xie, Q. Duan, and L. Tan. “Particle Swarm Optimization for Integrated Yard Truck Scheduling and Storage Allocation Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 634–639, Beijing, China, 6-11 July 2014.
- [Nobi 14] M. S. Nobile, A. G. Citrolo, P. Cazzaniga, D. Besozzi, and G. Mauri. “A Memetic Hybrid Method for the Molecular Distance Geometry Problem with Incomplete Information”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1014–1021, Beijing, China, 6-11 July 2014.

- [Oh 14] H. Oh and Y. Jin. “Evolving Hierarchical Gene Regulatory Networks for Morphogenetic Pattern Formation of Swarm Robotics”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 776–783, Beijing, China, 6-11 July 2014.
- [Omid 14] M. N. Omidvar, Y. Mei, and X. Li. “Effective Decomposition of Large-Scale Separable Continuous Functions for Cooperative Co-Evolutionary Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1305–1312, Beijing, China, 6-11 July 2014.
- [ONei 14] M. O’Neill, M. Nicolau, and A. Agapitos. “Experiments in Program Synthesis with Grammatical Evolution: A Focus on Integer Sorting”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1504–1511, Beijing, China, 6-11 July 2014.
- [Pand 14] M. Pandiyan. “Soft Computing Techniques Based Optimal Tuning of Virtual Feedback PID Controller for Chemical Tank Reactor”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1922–1928, Beijing, China, 6-11 July 2014.
- [Pang 14] W. Pang and G. Coghill. “An Immune Network Approach to Learning Qualitative Models of Biological Pathways”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1030–1037, Beijing, China, 6-11 July 2014.
- [Pasc 14] L. M. L. Pascoal, C. G. Camilo-Junior, E. Q. Silva, and T. C. Rosa. “A Social-Evolutionary Approach to Compose a Similarity Function Used on Event Recommendation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1512–1519, Beijing, China, 6-11 July 2014.
- [Pat 14] A. Pat. “Ant Colony Optimization and Hypergraph Covering Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1714–1720, Beijing, China, 6-11 July 2014.
- [Peng 14a] X. Peng, X. Lei, and K. Liu. “Compensate Information from Multimodal Dynamic Landscapes: An Anti-Pathology Cooperative Coevolutionary Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2578–2584, Beijing, China, 6-11 July 2014.
- [Peng 14b] Z. Peng, J. Zheng, and J. Zou. “A Population Diversity Maintaining Strategy Based on Dynamic Environment Evolutionary Model for Dynamic Multiobjective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 274–281, Beijing, China, 6-11 July 2014.
- [Pere 14a] M. Pereira, M. Roisenberg, and G. Neto. “A Topological Niching Covariance Matrix Adaptation for Multimodal Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2562–2569, Beijing, China, 6-11 July 2014.
- [Pere 14b] D. Perez, E. Powley, D. Whitehouse, S. Samothrakis, S. Lucas, and P. Cowling. “The 2013 Multi-Objective Physical Travelling Salesman Problem Competition”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2314–2321, Beijing, China, 6-11 July 2014.
- [Pete 14] L. Peterson. “Evolutionary Algorithms Applied to Likelihood Function Maximization During Poisson, Logistic, and Cox Proportional Hazards Regression Analysis”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1054–1061, Beijing, China, 6-11 July 2014.
- [Phil 14] P. Philippe, M. Remi, and V. Michal. “Bandits Attack Function Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2245–2252, Beijing, China, 6-11 July 2014.

- [Pila 14] M. Pilat and R. Neruda. “The Effect of Different Local Search Algorithms on the Performance of Multi-Objective Optimizers”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2172–2179, Beijing, China, 6–11 July 2014.
- [Plag 14] V. Plagianakos. “Unsupervised Clustering and Multi-Optima Evolutionary Search”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2383–2390, Beijing, China, 6–11 July 2014.
- [Pola 14] R. Polakova, J. Tvrdik, and P. Bujok. “Controlled Restart in Differential Evolution Applied to CEC2014 Benchmark Functions”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2230–2236, Beijing, China, 6–11 July 2014.
- [Pool 14a] D. Poole, C. Allen, and T. Rendall. “Analysis of Constraint Handling Methods for the Gravitational Search Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2005–2012, Beijing, China, 6–11 July 2014.
- [Pool 14b] D. Poole, C. Allen, and T. Rendall. “Constraint Handling in Agent-Based Optimization by Independent Sub-Swarms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 998–1005, Beijing, China, 6–11 July 2014.
- [Pop 14] P. Pop and C. Chira. “A Hybrid Approach Based on Genetic Algorithms for Solving the Clustered Vehicle Routing Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1421–1426, Beijing, China, 6–11 July 2014.
- [Pour 14] S. Poursoltan and F. Neumann. “A Feature-Based Analysis on the Impact of Linear Constraints for e-Constrained Differential Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3088–3095, Beijing, China, 6–11 July 2014.
- [Pret 14] C. Pretorius, M. du Plessis, and J. Gonsalves. “A Comparison of Neural Networks and Physics Models as Motion Simulators for Simple Robotic Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2793–2800, Beijing, China, 6–11 July 2014.
- [Purs 14] R. C. Purshouse, K. Deb, M. M. Mansor, S. Mostaghim, and R. Wang. “A Review of Hybrid Evolutionary Multiple Criteria Decision Making Methods”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1147–1154, Beijing, China, 6–11 July 2014.
- [Qian 14] X. Qian, M. Huang, T. Gao, and X. Wang. “An Improved Ant Colony Algorithm for Winner Determination in Multi-Attribute Combinatorial Reverse Auction”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1917–1921, Beijing, China, 6–11 July 2014.
- [Qin 14] A. K. Qin, K. Tang, H. Pan, and S. Xia. “Self-Adaptive Differential Evolution with Local Search Chains for Real-Parameter Single-Objective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 467–474, Beijing, China, 6–11 July 2014.
- [Qiu 14] X. Qiu, J. Xu, and K. C. Tan. “A Novel Differential Evolution (DE) Algorithm for Multi-Objective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2391–2396, Beijing, China, 6–11 July 2014.
- [R 14] R. B. R. “Lion Algorithm for Standard and Large Scale Bilinear System Identification: A Global Optimization Based on Lion’s Social Behavior”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2116–2123, Beijing, China, 6–11 July 2014.

- [Rahm 14] H. F. Rahman, R. Sarker, D. Essam, and G. Chang. “A Memetic Algorithm for Solving Permutation Flow Shop Problems with Known and Unknown Machine Breakdowns”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 42–49, Beijing, China, 6-11 July 2014.
- [Rahn 14] S. Rahnamayan, J. Jesuthasan, F. Bourennani, H. Salehinejad, and G. F. Naterer. “Computing Opposition by Involving Entire Population”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1800–1807, Beijing, China, 6-11 July 2014.
- [Raks 14] P. Rakshit, A. Konar, and A. Nagar. “Artificial Bee Colony Induced Multi-Objective Optimization in Presence of Noise”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3176–3183, Beijing, China, 6-11 July 2014.
- [Reid 14] S. Reid, K. Malan, and A. Engelbrecht. “Carry Trade Portfolio Optimization using Particle Swarm Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3051–3058, Beijing, China, 6-11 July 2014.
- [Reps 14] J. Reps, U. Aickelin, and J. Garibaldi. “Tuning a Multiple Classifier System for Side Effect Discovery Using Genetic Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 910–917, Beijing, China, 6-11 July 2014.
- [Rich 14] H. Richter. “Codynamic Fitness Landscapes of Coevolutionary Minimal Substrates”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2692–2699, Beijing, China, 6-11 July 2014.
- [Rosa 14] A. Rosales-Perez, H. J. Escalante, C. A. C. Coello, J. A. Gonzalez, and C. A. Reyes-Garcia. “An Evolutionary Multi-Objective Approach for Prototype Generation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1100–1107, Beijing, China, 6-11 July 2014.
- [Ruel 14] M. Ruello, F. Grimaccia, M. Mussetta, and R. E. Zich. “Black-Hole PSO and SNO for Electromagnetic Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1912–1916, Beijing, China, 6-11 July 2014.
- [Runk 14] T. Runkler and J. Bezdek. “Multidimensional Scaling with Multiswarming”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2940–2946, Beijing, China, 6-11 July 2014.
- [Saba 14a] N. R. Sabar and G. Kendall. “Aircraft Landing Problem Using Hybrid Differential Evolution and Simple Descent Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 520–527, Beijing, China, 6-11 July 2014.
- [Saba 14b] N. R. Sabar and G. Kendall. “Using Harmony Search with Multiple Pitch Adjustment Operators for the Portfolio Selection Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 499–503, Beijing, China, 6-11 July 2014.
- [Sale 14a] H. Salehinejad, S. Rahnamayan, and H. R. Tizhoosh. “Micro-Differential Evolution with Vectorized Random Mutation Factor”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2055–2062, Beijing, China, 6-11 July 2014.
- [Sale 14b] H. Salehinejad, S. Rahnamayan, and H. R. Tizhoosh. “Toward Using Type-II Opposition in Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1768–1775, Beijing, China, 6-11 July 2014.

- [Sant 14] S. K. K. Santu, M. M. Rahman, M. M. Islam, and K. Murase. “Towards Better Generalization in Pittsburgh Learning Classifier Systems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1666–1673, Beijing, China, 6-11 July 2014.
- [Saye 14] E. Sayed, D. Essam, R. Sarker, and S. Elsayed. “A Decomposition-Based Algorithm for Dynamic Economic Dispatch Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1898–1905, Beijing, China, 6-11 July 2014.
- [Scar 14] S. Scardapane, D. Comminiello, M. Scarpiniti, and A. Uncini. “GP-Based Kernel Evolution for L2-Regularization Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1674–1681, Beijing, China, 6-11 July 2014.
- [Scha 14] G. Schaefer, B. Krawczyk, N. Doshi, and T. Nakashima. “Cost-Sensitive Texture Classification”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 105–108, Beijing, China, 6-11 July 2014.
- [Sche 14] C. Scheepers and A. Engelbrecht. “Competitive Coevolutionary Training of Simple Soccer Agents from Zero Knowledge”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1210–1217, Beijing, China, 6-11 July 2014.
- [Schl 14] M. Schlueter and M. Munetomo. “Parallelization for Space Trajectory Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 832–839, Beijing, China, 6-11 July 2014.
- [Segr 14] E. Segredo, C. Segura, and C. Leon. “Control of Numeric and Symbolic Parameters with a Hybrid Scheme Based on Fuzzy Logic and Hyper-heuristics”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1890–1897, Beijing, China, 6-11 July 2014.
- [Segu 14] C. Segura, C. A. C. Coello, E. Segredo, and C. Leon. “An Analysis of the Automatic Adaptation of the Crossover Rate in Differential Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 459–466, Beijing, China, 6-11 July 2014.
- [Seka 14] L. Sekanina, O. Ptak, and Z. Vasicek. “Cartesian Genetic Programming as Local Optimizer of Logic Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2901–2908, Beijing, China, 6-11 July 2014.
- [Seph 14] N. Sephton, P. Cowling, E. Powley, D. Whitehouse, and N. Slaven. “Parallelization of Information Set Monte Carlo Tree Search”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2290–2297, Beijing, China, 6-11 July 2014.
- [Shan 14a] H. Shan, T. Yasuda, and K. Ohkura. “A Levy Flight-Based Hybrid Artificial Bee Colony Algorithm for Solving Numerical Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2656–2663, Beijing, China, 6-11 July 2014.
- [Shan 14b] R. Shang, K. Zhang, and L. Jiao. “A Novel Algorithm for Many-Objective Dimension Reductions: Pareto-PCA-NSGA-II”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1974–1981, Beijing, China, 6-11 July 2014.
- [Shan 14c] W. Shang-Chia, Y. Wei-Chang, and Y. Tso-Jung. “Pareto Simplified Swarm Optimization for Grid-Computing Reliability and Service Makspan in Grid-RMS”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1593–1600, Beijing, China, 6-11 July 2014.



- [Shao 14] H. Shao, R. Abielmona, R. Falcon, and N. Japkowicz. “Vessel Track Correlation and Association Using Fuzzy Logic and Echo State Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2322–2329, Beijing, China, 6-11 July 2014.
- [Shi 14] Z. Shi, Y. Peng, and W. Wei. “Optimal Sizing of DGs and Storage for Microgrid with Interruptible Load Using Improved NSGA-II”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2108–2115, Beijing, China, 6-11 July 2014.
- [Shua 14] L. Shuai, Z. Wang, and T. Gong. “Simulating the Coevolution of Language and Long-Term Memory”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1374–1381, Beijing, China, 6-11 July 2014.
- [Si 14] C. Si, J. Shen, X. Zou, L. Wang, and Q. Wu. “Mapping Constrained Optimization Problems to Penalty Parameters: An Empirical Study”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3073–3079, Beijing, China, 6-11 July 2014.
- [Silv 14a] A. S. da Silva, H. Ma, and M. Zhang. “A Graph-Based Particle Swarm Optimisation Approach to QoS-Aware Web Service Composition and Selection”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3127–3134, Beijing, China, 6-11 July 2014.
- [Silv 14b] E. Q. Silva, C. G. Camilo-Junior, L. M. L. Pascoal, and T. C. Rosa. “An Evolutionary Approach for Combining Results of Recommender Systems Techniques Based on Collaborative Filtering”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 959–966, Beijing, China, 6-11 July 2014.
- [Sing 14a] H. Singh, M. Asafuddoula, and T. Ray. “Solving Problems with a Mix of Hard and Soft Constraints Using Modified Infeasibility Driven Evolutionary Algorithm (IDEA-M)”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 983–990, Beijing, China, 6-11 July 2014.
- [Sing 14b] H. Singh, A. Isaacs, and T. Ray. “A Hybrid Surrogate Based Algorithm (HSBA) to Solve Computationally Expensive Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1069–1075, Beijing, China, 6-11 July 2014.
- [Sing 14c] P. Singh, I. Couckuyt, F. Ferranti, and T. Dhaene. “A Constrained Multi-Objective Surrogate-Based Optimization Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3080–3087, Beijing, China, 6-11 July 2014.
- [Sinh 14] A. Sinha, P. Malo, and K. Deb. “An Improved Bilevel Evolutionary Algorithm Based on Quadratic Approximations”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1870–1877, Beijing, China, 6-11 July 2014.
- [Smit 14] C. Smith, J. Doherty, and Y. Jin. “Multi-Objective Evolutionary Recurrent Neural Network Ensemble for Prediction of Computational Fluid Dynamic Simulations”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2609–2616, Beijing, China, 6-11 July 2014.
- [Smul 14] D. Smullen, J. Gillett, J. Heron, and S. Rahnmayan. “Genetic Algorithm with Self-Adaptive Mutation Controlled by Chromosome Similarity”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 504–511, Beijing, China, 6-11 July 2014.
- [Sonc 14] J. L. Soncco-Alvarez and M. Ayala-Rincon. “Memetic Algorithm for Sorting Unsigned Permutations by Reversals”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2770–2777, Beijing, China, 6-11 July 2014.

- [Song 14] X. Song, J. Ji, C. Yang, and X. Zhang. “Ant Colony Clustering Based on Sampling for Community Detection”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 687–692, Beijing, China, 6-11 July 2014.
- [Souz 14a] L. Souza, R. Prudencio, and F. Barros. “A Comparison Study of Binary Multi-Objective Particle Swarm Optimization Approaches for Test Case Selection”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2164–2171, Beijing, China, 6-11 July 2014.
- [Souz 14b] T. Souza, E. Goldberg, and M. Goldberg. “An Experimental Analysis of Evolutionary Algorithms for the Three-Objective Oil Derivatives Distribution Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1982–1989, Beijing, China, 6-11 July 2014.
- [St P 14] D. L. St-Pierre and J. Liu. “Differential Evolution Algorithm Applied to Non-Stationary Bandit Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2397–2403, Beijing, China, 6-11 July 2014.
- [Stan 14] S. Stanley, T. Palazzolo, and D. Warnke. “Analyzing Prehistoric Hunter Behavior with Cultural Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2196–2205, Beijing, China, 6-11 July 2014.
- [Su 14] Y.-E. Su and T.-L. Yu. “Use Model Building on Discretization Algorithms for Discrete EDAs to Work on Real-Valued Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2491–2498, Beijing, China, 6-11 July 2014.
- [Sudo 14] T. Sudo, Y. Nojima, and H. Ishibuchi. “Effects of Ensemble Action Selection on the Evolution of Iterated Prisoner’s Dilemma Game Strategies”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1195–1201, Beijing, China, 6-11 July 2014.
- [Suzu 14] M. Suzuki, S. Tsuruta, R. Knauf, and Y. Sakurai. “Knowledge Acquisition Issues for Intelligent Route Optimization by Evolutionary Computation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3252–3257, Beijing, China, 6-11 July 2014.
- [Tamu 14] K. Tamura and K. Yasuda. “Primary Study on Feedback Controlled Differential Evolution”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 371–378, Beijing, China, 6-11 July 2014.
- [Tana 14] R. Tanabe and A. Fukunaga. “Improving the Search Performance of SHADE Using Linear Population Size Reduction”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1658–1665, Beijing, China, 6-11 July 2014.
- [Tang 14] J. Tang and H. A. Abbass. “Behavioral Learning of Aircraft Landing Sequencing Using a Society of Probabilistic Finite State Machines”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 610–617, Beijing, China, 6-11 July 2014.
- [Than 14] B. H. T. Thanh, L. T. Van, H. N. Xuan, A. N. Duc, and T. P. Manh. “Reordering Dimensions for Radial Visualization of Multidimensional Data - A Genetic Algorithms Approach”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 951–958, Beijing, China, 6-11 July 2014.
- [Thom 14] J. A. Thompson and C. B. Congdon. “GAMI-CRM: Using De Novo Motif Inference to Detect Cis-Regulatory Modules”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1022–1029, Beijing, China, 6-11 July 2014.

- [Trig 14] I. Triguero, D. Peralta, J. Bacardit, S. Garcia, and F. Herrera. “A Combined MapReduce-Windowing Two-Level Parallel Scheme for Evolutionary Prototype Generation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3036–3043, Beijing, China, 6-11 July 2014.
- [Tsai 14a] P.-C. Tsai, C.-M. Chen, and Y. ping Chen. “A Novel Evaluation Function for LT Codes Degree Distribution Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3030–3035, Beijing, China, 6-11 July 2014.
- [Tsai 14b] P.-C. Tsai, C.-M. Chen, and Y. ping Chen. “PSO-Based Evacuation Simulation Framework”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1944–1950, Beijing, China, 6-11 July 2014.
- [Tsan 14] J. Tsang. “The Structure of a Probabilistic 2-State Finite Transducer Representation for Prisoner’s Dilemma”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1202–1209, Beijing, China, 6-11 July 2014.
- [Tung 14] H.-Y. Tung, W.-C. Ma, and T.-L. Yu. “Novel Traffic Signal Timing Adjustment Strategy Based on Genetic Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2353–2360, Beijing, China, 6-11 July 2014.
- [Turk 14] A. Turkey and S. Abdullah. “Using Electromagnetic Algorithm for Tuning the Structure and Parameters of Neural Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 326–331, Beijing, China, 6-11 July 2014.
- [Vafa 14] F. Vafaei, G. Turan, P. Nelson, and T. Berger-Wolf. “Balancing the Exploration and Exploitation in an Adaptive Diversity Guided Genetic Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2570–2577, Beijing, China, 6-11 July 2014.
- [Vals 14] A. Valsecchi, P. Mesejo, L. Marrakchi-Kacem, S. Cagnoni, and S. Damas. “Automatic Evolutionary Medical Image Segmentation Using Deformable Models”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 97–104, Beijing, China, 6-11 July 2014.
- [Vare 14] G. Varela, P. Caamano, F. Orjales, A. Deibe, F. Lopez-Pena, and R. Duro. “Differential Evolution in Constrained Sampling Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2375–2382, Beijing, China, 6-11 July 2014.
- [Vega 14] F. F. de Vega, M. Garcia-Valdez, L. Navarro, C. Cruz, P. Hernandez, T. Gallego, and J. V. Albarran. “When Artists Met Evospace-i”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2282–2289, Beijing, China, 6-11 July 2014.
- [Vieg 14] J. Viegas, S. Vieira, J. Sousa, and E. Henriques. “Metaheuristics for the 3D Bin Packing Problem in the Steel Industry”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 338–343, Beijing, China, 6-11 July 2014.
- [Wagn 14a] M. Wagner. “Maximising Axiomatization Coverage and Minimizing Regression Testing Time”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2885–2892, Beijing, China, 6-11 July 2014.
- [Wagn 14b] M. Wagner and F. Neumann. “Single- and Multi-Objective Genetic Programming: New Runtime Results for SORTING”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 125–132, Beijing, China, 6-11 July 2014.

- [Wang 14a] B. Wang, H. Xu, and Y. Yuan. “Quantum-Inspired Evolutionary Algorithm with Linkage Learning”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2467–2474, Beijing, China, 6-11 July 2014.
- [Wang 14b] F. Wang, Y. Gao, and Z. Zhu. “Locality-Sensitive Hashing Based Multiobjective Memetic Algorithm for Dynamic Pickup and Delivery Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 661–666, Beijing, China, 6-11 July 2014.
- [Wang 14c] L. Wang, B. Yang, Y. Li, and N. Zhang. “A Novel Improvement of Particle Swarm Optimization Using Dual Factors Strategy”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 183–189, Beijing, China, 6-11 July 2014.
- [Wang 14d] Q. Wang, H. Li, M. Gong, L. Su, and L. Jiao. “A Multiobjective Optimization Method Based on MOEA/D and Fuzzy Clustering for Change Detection in SAR Images”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3024–3029, Beijing, China, 6-11 July 2014.
- [Wang 14e] S. Wang, M. Gong, L. Ma, Q. Cai, and L. Jiao. “Decomposition Based Multiobjective Evolutionary Algorithm for Collaborative Filtering Recommender Systems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 672–679, Beijing, China, 6-11 July 2014.
- [Wang 14f] S. Wang, X. Zuo, and X. Zhao. “Solving Dynamic Double-Row Layout Problem via an Improved Simulated Annealing Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1299–1304, Beijing, China, 6-11 July 2014.
- [Wang 14g] S.-M. Wang, Y.-F. Tung, and T.-L. Yu. “Investigation on Efficiency of Optimal Mixing on Various Linkage Sets”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2475–2482, Beijing, China, 6-11 July 2014.
- [Wang 14h] S. Wang, J. Gain, and G. Nitschke. “Comparing Crossover Operators in Neuro-Evolution with Crowd Simulations”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2298–2305, Beijing, China, 6-11 July 2014.
- [Wang 14i] X. Wang, X. Liu, N. Japkowicz, and S. Matwin. “Automatic Target Recognition Using Multiple-Aspect Sonar Images”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2330–2337, Beijing, China, 6-11 July 2014.
- [Wang 14j] Y. Wang and J. Yin. “Intelligent Search Optimized Edge Potential Function (EPF) Approach to Synthetic Aperture Radar (SAR) Scene Matching”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2124–2131, Beijing, China, 6-11 July 2014.
- [Wang 14k] Z. Wang, M. Gong, Q. Cai, L. Ma, and L. Jiao. “Deployment Optimization of Near Space Airships Based on MOEA/D with Local Search”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2345–2352, Beijing, China, 6-11 July 2014.
- [Wang 14l] Z. Wang, Q. Zhang, M. Gong, and A. Zhou. “A Replacement Strategy for Balancing Convergence and Diversity in MOEA/D”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2132–2139, Beijing, China, 6-11 July 2014.
- [Wata 14a] S. Watanabe, Y. Chiba, and M. Kanazaki. “A Proposal on Analysis Support System Based on Association Rule Analysis for Non-Dominated Solutions”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 880–887, Beijing, China, 6-11 July 2014.

- [Wata 14b] T. Watanabe, T. Tatsukawa, A. L. Jaimes, H. Aono, T. Nonomura, A. Oyama, and K. Fujii. “Many-Objective Evolutionary Computation for Optimization of Separated-Flow Control Using a DBD Plasma Actuator”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2849–2854, Beijing, China, 6-11 July 2014.
- [Wei 14a] F. Wei, Y. Wang, and T. Zong. “Variable Grouping Based Differential Evolution Using an Auxiliary Function for Large Scale Global Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1293–1298, Beijing, China, 6-11 July 2014.
- [Wei 14b] K. Wei and M. J. Dinneen. “Hybridizing the Dynamic Mutation Approach with Local Searches to Overcome Local Optima”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 74–81, Beijing, China, 6-11 July 2014.
- [Wei 14c] K. Wei and M. J. Dinneen. “Runtime Comparison of Two Fitness Functions on a Memetic Algorithm for the Clique Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 133–140, Beijing, China, 6-11 July 2014.
- [Weis 14a] T. Weise, M. Wan, K. Tang, and X. Yao. “Evolving Exact Integer Algorithms with Genetic Programming”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1816–1823, Beijing, China, 6-11 July 2014.
- [Weis 14b] M. Weiszer, J. Chen, S. Ravizza, J. Atkin, and P. Stewart. “A Heuristic Approach to Greener Airport Ground Movement”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3280–3286, Beijing, China, 6-11 July 2014.
- [Weso 14] S. Wesolkowski, N. Francetic, and S. Grant. “TraDE: Training Device Selection Via Multi-Objective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2617–2624, Beijing, China, 6-11 July 2014.
- [Wong 14] P.-K. Wong, L.-Y. Lo, M.-L. Wong, and K.-S. Leung. “Grammar Based Genetic Programming with Bayesian Network”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 739–746, Beijing, China, 6-11 July 2014.
- [Wu 14a] C.-L. Wu, C.-H. Liu, and C.-K. Ting. “A Novel Genetic Algorithm Considering Measures and Phrases for Generating Melody”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2101–2107, Beijing, China, 6-11 July 2014.
- [Wu 14b] C.-W. Wu, T.-C. Chiang, and L.-C. Fu. “An Ant Colony Optimization Algorithm for Multi-Objective Clustering in Mobile Ad Hoc Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2963–2968, Beijing, China, 6-11 July 2014.
- [Wu 14c] H. Wu, F. Zhang, and L. Wu. “An Uncultivated Wolf Pack Algorithm for High-Dimensional Functions and Its Application in Parameters Optimization of PID Controller”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1477–1482, Beijing, China, 6-11 July 2014.
- [Wu 14d] J. Wu, L. Yuan, Q. Gong, W. Ma, J. Ma, and Y. Li. “A Compression Optimization Algorithm for Community Detection”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 667–671, Beijing, China, 6-11 July 2014.

- [Wu 14e] M. Wu, A. Karkar, B. Liu, A. Yakovlev, and G. Gielen. “Network on Chip Optimization Based on Surrogate Model Assisted Evolutionary Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3266–3271, Beijing, China, 6-11 July 2014.
- [Wu 14f] N. Wu, Z. Zhu, and Z. Ji. “A Growing Partitional Clustering Based on Particle Swarm Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 229–234, Beijing, China, 6-11 July 2014.
- [Wu 14g] S.-Y. Wu and J.-S. Liu. “Evolutionary Path Planning of a Data Mule in Wireless Sensor Network by Using Shortcuts”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2708–2715, Beijing, China, 6-11 July 2014.
- [Wu 14h] Z. Wu and M. Kolonko. “Absorption in Model-Based Search Algorithms for Combinatorial Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1744–1751, Beijing, China, 6-11 July 2014.
- [Xian 14] T. Xiang, W. Zhang, and F. Chen. “A Verifiable PSO Algorithm in Cloud Computing”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 190–193, Beijing, China, 6-11 July 2014.
- [Xiao 14] Y. Xiao, M. Trefzer, J. Walker, S. Bale, and A. Tyrrell. “Two Step Evolution Strategy for Device Motif BSIM Model Parameter Extraction”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2877–2884, Beijing, China, 6-11 July 2014.
- [Xie 14a] C. Xie and L. Shang. “Anomaly Detection in Crowded Scenes Using Genetic Programming”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1832–1839, Beijing, China, 6-11 July 2014.
- [Xie 14b] F. Xie, A. Song, and V. Ciesielski. “Genetic Programming Based Activity Recognition on a Smartphone Sensory Data Benchmark”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2917–2924, Beijing, China, 6-11 July 2014.
- [Xie 14c] J. Xie, Y. Mei, A. Ernst, X. Li, and A. Song. “A Genetic Programming-Based Hyperheuristic Approach for Storage Location Assignment Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3000–3007, Beijing, China, 6-11 July 2014.
- [Xu 14a] C. Xu, H. Huang, and S. Ye. “A Differential Evolution with Replacement Strategy for Real-Parameter Numerical Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1617–1624, Beijing, China, 6-11 July 2014.
- [Xu 14b] J. Xu, X. Xi, and S. Wang. “Optimization Based on Adaptive Hinging Hyperplanes and Genetic Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2040–2046, Beijing, China, 6-11 July 2014.
- [Xu 14c] X. Xu, L. Lu, P. He, J. Ding, and Y. Ju. “Evolutionary Semi-Supervised Learning with Swarm Intelligence”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1343–1350, Beijing, China, 6-11 July 2014.
- [Xu 14d] X. Xu and M. Tang. “A New Grouping Genetic Algorithm for the MapReduce Placement Problem in Cloud Computing”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1601–1608, Beijing, China, 6-11 July 2014.
- [Xue 14] B. Xue, A. K. Qin, and M. Zhang. “An Archive Based Particle Swarm Optimisation for Feature Selection in Classification”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3119–3126, Beijing, China, 6-11 July 2014.

- [Yan 14] P. Yan and M. Jiao. “A Chaotic Particle Swarm Optimization Algorithm for the Jobshop Scheduling Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 218–222, Beijing, China, 6-11 July 2014.
- [Yang 14a] M. Yang, R. Li, and T. Chu. “A New Method and Application for Controlling the Steady-State Probability Distributions of Probabilistic Boolean Networks”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1490–1495, Beijing, China, 6-11 July 2014.
- [Yang 14b] M. Yang, Z. Cai, C. Li, and J. Guan. “An Improved JADE Algorithm for Global Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 806–812, Beijing, China, 6-11 July 2014.
- [Yang 14c] P. Yang, K. Tang, and J. A. Lozano. “Estimation of Distribution Algorithms Based Unmanned Aerial Vehicle Path Planner Using a New Coordinate”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1469–1476, Beijing, China, 6-11 July 2014.
- [Yang 14d] Z. Yang, K. Li, A. Foley, and C. Zhang. “A New Self-Learning TLBO Algorithm for RBF Neural Modelling of Batteries in Electric Vehicles”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2685–2691, Beijing, China, 6-11 July 2014.
- [Ye 14] S. Ye, G. Dai, and L. Peng. “A Hybrid Adaptive Coevolutionary Differential Evolution Algorithm for Large-Scale Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1277–1284, Beijing, China, 6-11 July 2014.
- [Yexi 14] L. Yexing, C. Xinye, F. Zhun, and Z. Qingfu. “An External Archive Guided Multiobjective Evolutionary Approach Based on Decomposition for Continuous Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1124–1130, Beijing, China, 6-11 July 2014.
- [Yosh 14] T. Yoshida and T. Yoshikawa. “A Study on Non-Correspondence in Spread between Objective Space and Design Variable Space for Trajectory Designing Optimization Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2444–2450, Beijing, China, 6-11 July 2014.
- [Yu 14a] C. Yu, L. Kelley, S. Zheng, and Y. Tan. “Fireworks Algorithm with Differential Mutation for Solving the CEC 2014 Competition Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3238–3245, Beijing, China, 6-11 July 2014.
- [Yu 14b] J. J. Yu, A. Y. Lam, and V. O. Li. “Chemical Reaction Optimization for the Set Covering Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 512–519, Beijing, China, 6-11 July 2014.
- [Yu 14c] J. J. Yu and V. O. Li. “Base Station Switching Problem for Green Cellular Networks with Social Spider Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2338–2344, Beijing, China, 6-11 July 2014.
- [Yu 14d] J. J. Yu, V. O. Li, and A. Y. Lam. “An Inter-Molecular Adaptive Collision Scheme for Chemical Reaction Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1998–2004, Beijing, China, 6-11 July 2014.
- [Yu 14e] J.-C. Yu and Z.-F. Liang. “Evolutionary Regional Network Modeling for Efficient Engineering Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1258–1264, Beijing, China, 6-11 July 2014.

- [Yu 14f] M. Yu, X. Zuo, and C. C. Murray. “A Tabu Search Heuristic for the Single Row Layout Problem with Shared Clearances”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 819–825, Beijing, China, 6-11 July 2014.
- [Yu 14g] W. Yu and L. Lu. “A Route Planning Strategy for the Automatic Garment Cutter Based on Genetic Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 379–386, Beijing, China, 6-11 July 2014.
- [Yu 14h] Y. Yu, H. Ma, and M. Zhang. “A Genetic Programming Approach to Distributed QoS-Aware Web Service Composition”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1840–1846, Beijing, China, 6-11 July 2014.
- [Yu 14i] Y. Yu and H. Qian. “The Sampling-and-Learning Framework: A Statistical View of Evolutionary Algorithms”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 149–158, Beijing, China, 6-11 July 2014.
- [Yuan 14] Z. Yuan, Y. Chen, and R. He. “Agile Earth Observing Satellites Mission Planning Using Genetic Algorithm Based on High Quality Initial Solutions”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 603–609, Beijing, China, 6-11 July 2014.
- [Yue 14] C. Yue, Z. Zexuan, and J. Zhen. “Feature Extraction Based on Trimmed Complex Network Representation for Metabolomic Data Classification”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 366–370, Beijing, China, 6-11 July 2014.
- [Yuen 14] S. Y. Yuen and X. Zhang. “Multiobjective Evolutionary Algorithm Portfolio: Choosing Suitable Algorithm for Multiobjective Optimization Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1967–1973, Beijing, China, 6-11 July 2014.
- [Yuso 14] Z. M. Yusoh and M. Tang. “Composite SaaS Scaling in Cloud Computing Using a Hybrid Genetic Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1609–1616, Beijing, China, 6-11 July 2014.
- [Yuwo 14] M. Yuwono, S. W. Su, B. D. Moulton, Y. Guo, and H. T. Nguyen. “An Algorithm for Scalable Clustering: Ensemble Rapid Centroid Estimation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1250–1257, Beijing, China, 6-11 July 2014.
- [Zan 14] D. Zan and J. Jaros. “Solving the Multidimensional Knapsack Problem Using a CUDA Accelerated PSO”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2933–2939, Beijing, China, 6-11 July 2014.
- [Zeng 14] Y. Zeng and Y. Sun. “Comparison of Multiobjective Particle Swarm Optimization and Evolutionary Algorithms for Optimal Reactive Power Dispatch Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 258–265, Beijing, China, 6-11 July 2014.
- [Zhan 14a] Z.-H. Zhan and J. Zhang. “Adaptive Particle Swarm Optimization with Variable Relocation for Dynamic Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1565–1570, Beijing, China, 6-11 July 2014.
- [Zhan 14b] B. Zhang, M.-X. Zhang, and Y.-J. Zheng. “A Hybrid Biogeography-Based Optimization and Fireworks Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3200–3206, Beijing, China, 6-11 July 2014.



- [Zhan 14c] B. Zhang, J. hua Duan, H. yan Sang, J. qing Li, and H. Yan. “A New Penalty Function Method for Constrained Optimization Using Harmony Search Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 853–859, Beijing, China, 6-11 July 2014.
- [Zhan 14d] B. Zhang, K. Shafi, and H. Abbass. “Online Knowledge-Based Evolutionary Multi-Objective Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2222–2229, Beijing, China, 6-11 July 2014.
- [Zhan 14e] G. Zhang and Y. Li. “Cooperative Particle Swarm Optimizer with Elimination Mechanism for Global Optimization of Multimodal Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 210–217, Beijing, China, 6-11 July 2014.
- [Zhan 14f] H. Zhang, S. Song, A. Zhou, and X.-Z. Gao. “A Clustering Based Multiobjective Evolutionary Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 723–730, Beijing, China, 6-11 July 2014.
- [Zhan 14g] J. Zhang, C. Zhang, T. Chu, and M. Cao. “Cooperation with Potential Leaders in Evolutionary Game Study of Networking Agents”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 918–923, Beijing, China, 6-11 July 2014.
- [Zhan 14h] J. Zhang and D. Maringer. “Two Parameter Update Schemes for Recurrent Reinforcement Learning”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1449–1453, Beijing, China, 6-11 July 2014.
- [Zhan 14i] J. Zhang, X. Zhu, W. Wang, and J. Yao. “A Fast Restarting Particle Swarm Optimizer”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1351–1358, Beijing, China, 6-11 July 2014.
- [Zhan 14j] K. Zhang, T. Weise, and J. Li. “Fitness Level Based Adaptive Operator Selection for Cutting Stock Problems with Contiguity”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2539–2546, Beijing, China, 6-11 July 2014.
- [Zhan 14k] L. Zhang and R. He. “A Globally Diversified Island Model PGA for Multimodal Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2553–2561, Beijing, China, 6-11 July 2014.
- [Zhan 14l] W. Zhang, Y. Gao, and C. Zhang. “The Enhanced Vector of Convergence for Particle Swarm Optimization Based on Constrict Factor”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1337–1342, Beijing, China, 6-11 July 2014.
- [Zhan 14m] Y. Zhang, G. Dai, L. Peng, and M. Wang. “HMOEDA\_LLE: A Hybrid Multi-Objective Estimation of Distribution Algorithm Combining Locally Linear Embedding”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 707–714, Beijing, China, 6-11 July 2014.
- [Zhen 14a] X. wei Zheng, D. jie Lu, and Z. hua Chen. “A Self-Adaptive Group Search Optimizer with Elitist Strategy”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2033–2039, Beijing, China, 6-11 July 2014.
- [Zhen 14b] H. yu Zheng, L. Wang, and S. yao Wang. “A Co-Evolutionary Teaching-Learning-Based Optimization Algorithm for Stochastic RCSP”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 587–594, Beijing, China, 6-11 July 2014.
- [Zhen 14c] S. Zheng, A. Janeczek, J. Li, and Y. Tan. “Dynamic Search in Fireworks Algorithm”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 3222–3229, Beijing, China, 6-11 July 2014.

- [Zhen 14d] X. Zheng, L. Wang, and S. Wang. “An Enhanced Non-Dominated Sorting Based Fruit Fly Optimization Algorithm for Solving Environmental Economic Dispatch Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 626–633, Beijing, China, 6-11 July 2014.
- [Zhen 14e] Y.-J. Zheng, B. Zhang, and Z. Cheng. “Hyper-Heuristics with Penalty Parameter Adaptation for Constrained Optimization”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 1883–1889, Beijing, China, 6-11 July 2014.
- [Zhen 14f] Z. Zheng, J. Li, J. Li, and Y. Tan. “Avoiding Decoys in Multiple Targets Searching Problems Using Swarm Robotics”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 784–791, Beijing, China, 6-11 July 2014.
- [Zhou 14] X. Zhou, W. Peng, and B. Yang. “GEAS: A GA-ES-Mixed Algorithm for Parameterized Optimization Problems - Using CLS Problem as an Example”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 888–894, Beijing, China, 6-11 July 2014.
- [Zhu 14a] L. Zhu, K. Deb, and S. Kulkarni. “Multi-Scenario Optimization Using Multi-Criterion Methods: A Case Study on Byzantine Agreement Problem”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2601–2608, Beijing, China, 6-11 July 2014.
- [Zhu 14b] T. Zhu, W. Luo, and L. Yue. “Combining Multipopulation Evolutionary Algorithms with Memory for Dynamic Optimization Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2047–2054, Beijing, China, 6-11 July 2014.
- [Zhu 14c] X. Zhu, W. Luo, and T. Zhu. “An Improved Genetic Algorithm for Dynamic Shortest Path Problems”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 2093–2100, Beijing, China, 6-11 July 2014.
- [Zong 14] X. Zong, S. Xiong, H. Xu, and P. Duan. “Space-Time Simulation Model Based on Particle Swarm Optimization Algorithm for Stadium Evacuation”. In: C. A. Coello Coello, Ed., *Proceedings of the 2014 IEEE Congress on Evolutionary Computation*, pp. 194–201, Beijing, China, 6-11 July 2014.