

Список литературы

- [Aalto 14] Johanna Aalto & Jouni Lampinen. *A Mutation and Crossover Adaptation Mechanism for Differential Evolution Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 451–458, Beijing, China, 6-11 July 2014.
- [Abdul 14] Wahid Abdul, Gao Xiaoying & Andreae Peter. *Multi-view Clustering of Web Documents Using Multi-Objective Genetic Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2625–2632, Beijing, China, 6-11 July 2014.
- [Acampora 14] Giovanni Acampora, Hisao Ishibuchi & Autilia Vitiello. *A Comparison of Multi-Objective Evolutionary Algorithms for the Ontology Meta-Matching Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 413–420, Beijing, China, 6-11 July 2014.
- [Adriaensen 14] Steven Adriaensen, Tim Brys & Ann Nowe. *Designing Reusable Metaheuristic Methods: A Semi-Automated Approach*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2969–2976, Beijing, China, 6-11 July 2014.
- [Agapitos 14] Alexandros Agapitos, Michael O'Neill & Anthony Brabazon. *Ensemble Bayesian Model Averaging in Genetic Programming*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2451–2458, Beijing, China, 6-11 July 2014.
- [Ahmed 14] Soha Ahmed, Mengjie Zhang & Lifeng Peng. *A New GP-Based Wrapper Feature Construction Approach to Classification and Biomarker Identification*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2756–2763, Beijing, China, 6-11 July 2014.
- [Akhmedova 14] Shakhnaz Akhmedova & Eugene Semenkin. *Co-Operation of Biology Related Algorithms Meta-Heuristic in ANN-Based Classifiers Design*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 867–872, Beijing, China, 6-11 July 2014.
- [Alam 14a] Khairul Alam, Tapabrata Ray & Sreenatha G. Anavatti. *Practical Application of an Evolutionary Algorithm for the Design and Construction of a Six-Inch Submarine*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2825–2832, Beijing, China, 6-11 July 2014.
- [Alam 14b] Shafiq Alam, Gillian Dobbie, Yun Sing Koh & Patricia Riddle. *Web Bots Detection Using Particle Swarm Optimization Based Clustering*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2955–2962, Beijing, China, 6-11 July 2014.
- [Alanazi 14] Fawaz Alanazi & Per Kristian Lehre. *Runtime Analysis of Selection Hyper-Heuristics with Classical Learning Mechanisms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2515–2523, Beijing, China, 6-11 July 2014.
- [Albukhanajer 14] Wissam A. Albukhanajer, Yaochu Jin & Johann A. Briffa. *Neural Network Ensembles for Image Identification Using Pareto-Optimal Features*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 89–96, Beijing, China, 6-11 July 2014.

- [Alhindi 14] Ahmad Alhindi & Qingfu Zhang. *MOEA/D with Tabu Search for Multiobjective Permutation Flow Shop Scheduling Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1155–1164, Beijing, China, 6-11 July 2014.
- [Ali 14] Mostafa Ali, Abdulmalik Morghem, Jafar AlBadarneh, Rami Al-Gharaibeh, Ponnuthurai Suganthan & Robert Reynolds. *Cultural Algorithms Applied to the Evolution of Robotic Soccer Team Tactics: A Novel Perspective*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2180–2187, Beijing, China, 6-11 July 2014.
- [Alicino 14] Simone Alicino & Massimiliano Vasile. *An Evolutionary Approach to the Solution of Multi-Objective Min-Max Problems in Evidence-Based Robust Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1179–1186, Beijing, China, 6-11 July 2014.
- [Alvares 14] Marcos Alvares, Fernando Buarque & Tshilidzi Marwala. *Application of Computational Intelligence for Source Code Classification*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 895–902, Beijing, China, 6-11 July 2014.
- [Ameca-Alducin 14] Maria-Yaneli Ameca-Alducin, Efren Mezura-Montes & Nicandro Cruz-Ramirez. *Differential Evolution with Combined Variants for Dynamic Constrained Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 975–982, Beijing, China, 6-11 July 2014.
- [Ameerudden 14] Mohammad Riyad Ameerudden & Harry Rughooputh. *Smart Hybrid Genetic Algorithms in the Bandwidth Optimization of a PIFA Antenna*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1390–1396, Beijing, China, 6-11 July 2014.
- [Amin 14] Rubai Amin, Jiangjun Tang, Mohamed Ellejmi, Stephen Kirby & Hussein A. Abbass. *Trading-Off Simulation Fidelity and Optimization Accuracy in Air-Traffic Experiments using Differential Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 475–482, Beijing, China, 6-11 July 2014.
- [Angelo 14] Jaqueline Angelo, Eduardo Krempser & Helio Barbosa. *Differential Evolution Assisted by a Surrogate Model for Bilevel Programming Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1784–1791, Beijing, China, 6-11 July 2014.
- [Arana-Daniel 14] Nancy Arana-Daniel, Alberto A. Gallegos, Carlos Lopez-Franco & Alma Y. Alanis. *Smooth Global and Local Path Planning for Mobile Robot Using Particle Swarm Optimization, Radial Basis Functions, Splines and Bezier Curves*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 175–182, Beijing, China, 6-11 July 2014.
- [Ashlock 14] Daniel Ashlock & Philip Hingston. **Tego - A Framework for Adversarial Planning*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 13–20, Beijing, China, 6-11 July 2014.
- [Azzouz 14] Radhia Azzouz, Slim Bechikh & Lamjed Ben Said. *A Multiple Reference Point-Based Evolutionary Algorithm for Dynamic Multi-Objective Optimization with Undetectable Changes*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3168–3175, Beijing, China, 6-11 July 2014.

- [Bandaru 14] Sunith Bandaru, Amos Ng & Kalyanmoy Deb. *On the Performance of Classification Algorithms for Learning Pareto-Dominance Relations*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1139–1146, Beijing, China, 6-11 July 2014.
- [Bello-Orgaz 14] Gema Bello-Orgaz & David Camacho. *Evolutionary Clustering Algorithm for Community Detection Using Graph-Based Information*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 930–937, Beijing, China, 6-11 July 2014.
- [Bennett 14] Stephen Bennett, Su Nguyen & Mengjie Zhang. *A Hybrid Discrete Particle Swarm Optimisation Method for Grid Computation Scheduling*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 483–490, Beijing, China, 6-11 July 2014.
- [Bidlo 14] Michal Bidlo. *Evolving Multiplication as Emergent Behavior in Cellular Automata Using Conditionally Matching Rules*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2732–2739, Beijing, China, 6-11 July 2014.
- [Biswas 14a] Subhodip Biswas, Swagatam Das, P. N. Suganthan & C. A. C Coello. *Evolutionary Multiobjective Optimization in Dynamic Environments: A Set of Novel Benchmark Functions*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3192–3199, Beijing, China, 6-11 July 2014.
- [Biswas 14b] Subhodip Biswas, Mohammad A. Eita, Swagatam Das & Athanasios V. Vasilakos. *Evaluating the Performance of Group Counseling Optimizer on CEC 2014 Problems for Computational Expensive Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1076–1083, Beijing, China, 6-11 July 2014.
- [Bolufe-Rohler 14] Antonio Bolufe-Rohler & Stephen Chen. *Extending Minimum Population Search Towards Large Scale Global Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 845–852, Beijing, China, 6-11 July 2014.
- [Bouaziz 14] Souhir Bouaziz, Adel M. Alimi & Ajith Abraham. *PSO-Based Update Memory for Improved Harmony Search Algorithm to the Evolution of FBBFNT' Parameters*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1951–1958, Beijing, China, 6-11 July 2014.
- [Bourennani 14] Farid Bourennani, Shahryar Rahnamayan & Greg F. Naterer. *Multi-Objective Differential Evolution with Leadership Enhancement (MODEL)*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1131–1138, Beijing, China, 6-11 July 2014.
- [Brands 14] Ties Brands, Luc Wismans & Eric van Berkum. *Multi-Objective Transportation Network Design: Accelerating Search by Applying e-NSGAII*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 405–412, Beijing, China, 6-11 July 2014.
- [Brent 14] Oswyn Brent, Dhananjay Thiruvady, Antonio Gomez-Iglesias & Rodolfo Garcia-Flores. *A Parallel Lagrangian-ACO Heuristic for Project Scheduling*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2985–2991, Beijing, China, 6-11 July 2014.
- [Bu 14] Chenyang Bu, Wenjian Luo & Tao Zhu. *Differential Evolution with a Species-Based Repair Strategy for Constrained Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 967–974, Beijing, China, 6-11 July 2014.

- [Buck 14] Andrew Buck, Tanvi Banerjee & James Keller. *Evolving a Fuzzy Goal-Driven Strategy for the Game of Geister*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 28–35, Beijing, China, 6–11 July 2014.
- [Bujok 14] Petr Bujok, Josef Tvrdik & Radka Polakova. *Differential Evolution with Rotation-Invariant Mutation and Competing-Strategies Adaptation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2253–2258, Beijing, China, 6–11 July 2014.
- [Bulut 14] Onder Bulut & M. Fatih Tasgetiren. *A Discrete Artificial Bee Colony Algorithm for the Economic Lot Scheduling Problem with Returns*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 551–557, Beijing, China, 6–11 July 2014.
- [Burattin 14] Andrea Burattin, Alessandro Sperduti & Wil M. P. van der Aalst. *Control-Flow Discovery from Event Streams*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2420–2427, Beijing, China, 6–11 July 2014.
- [Burman 14] Ritambhar Burman, Swagatam Das, Zhesanul Haque, Athanasios V. Vasilakos & Soumyadip Chakraborti. *The Monarchy Driven Optimization Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3008–3015, Beijing, China, 6–11 July 2014.
- [Byrne 14] Jonathan Byrne, Miguel Nicolau, Anthony Brabazon & Michael O’Neill. *An Examination of Synchronisation in Artificial Gene Regulatory Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2764–2769, Beijing, China, 6–11 July 2014.
- [Cai 14a] Yiqiao Cai & Jixiang Du. *Enhanced Differential Evolution with Adaptive Direction Information*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 305–312, Beijing, China, 6–11 July 2014.
- [Cai 14b] Zixing Cai, Sha Wen & Lijue Liu. *Distributed Wireless Sensor Scheduling for Multi-Target Tracking Based on Matrix-Coded Parallel Genetic Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2013–2018, Beijing, China, 6–11 July 2014.
- [Campbell 14] Allan Campbell, Vic Ciesielski & Karen Trist. *A Self Organising Map Based Method for Understanding Features Associated with High Aesthetic Value Evolved Abstract Images*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2274–2281, Beijing, China, 6–11 July 2014.
- [Campos 14] Mauro Campos & Renato Krohling. *Bare Bones Particle Swarm with Scale Mixtures of Gaussians for Dynamic Constrained Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 202–209, Beijing, China, 6–11 July 2014.
- [Carvalho 14] Luiz Carvalho & Marcia Fernandes. *Multi-Objective Flexible Job-Shop Scheduling Problem with DIPSO: More Diversity, Greater Efficiency*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 282–289, Beijing, China, 6–11 July 2014.
- [Ceberio 14] Josu Ceberio, Ekhine Irurozki, Alexander Mendiburu & Jose A. Lozano. *Extending Distance-Based Ranking Models in Estimation of Distribution Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2459–2466, Beijing, China, 6–11 July 2014.

- [Chaman-Garcia 14] Ivan Chaman-Garcia, Carlos Coello Coello & Alfredo Arias-Montano. *MOPSOhv: A New Hypervolume-Based Multi-Objective Particle Swarm Optimizer*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 266–273, Beijing, China, 6-11 July 2014.
- [Chan 14] Kit Yan Chan, N. Rajakaruna, C. Rathnayake & I. Murray. *Image Deblurring Using a Hybrid Optimization Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1243–1249, Beijing, China, 6-11 July 2014.
- [Chang 14] Po-Chun Chang & Xiangjian He. *Macroscopic Indeterminacy Swarm Optimization (MISO) Algorithm for Real-Parameter Search*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1571–1578, Beijing, China, 6-11 July 2014.
- [Chatbri 14] Houssein Chatbri, Paul Kwan & Keisuke Kameyama. *A Modular Approach for Query Spotting in Document Images and Its Optimization Using Genetic Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2085–2092, Beijing, China, 6-11 July 2014.
- [Che 14] Xiangdong Che & Robert Reynolds. *A Social Metrics Based Process Model on Complex Social System*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2214–2221, Beijing, China, 6-11 July 2014.
- [Chen 14a] Gang Chen, Wenjian Luo & Tao Zhu. *Evolutionary Clustering with Differential Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1382–1389, Beijing, China, 6-11 July 2014.
- [Chen 14b] Lei Chen, Hai-Lin Liu, Zhe Zheng & Shengli Xie. *A Evolutionary Algorithm Based on Covariance Matrix Learning and Searching Preference for Solving CEC 2014 Benchmark Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2672–2677, Beijing, China, 6-11 July 2014.
- [Chen 14c] Min-Rong Chen, Wei Zeng, Guo-Qiang Zeng, Xia Li & Jian-Ping Luo. *A Novel Artificial Bee Colony Algorithm with Integration of Extremal Optimization for Numerical Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 242–249, Beijing, China, 6-11 July 2014.
- [Chen 14d] Shao-Wen Chen & Tsung-Che Chiang. *Evolutionary Many-Objective Optimization by MO-NSGA-II with Enhanced Mating Selection*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1397–1404, Beijing, China, 6-11 July 2014.
- [Chen 14e] Yan Chen, Yi Shang & Dong Xu. *Multi-Dimensional Scaling and MODELLER-Based Evolutionary Algorithms for Protein Model Refinement*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1038–1045, Beijing, China, 6-11 July 2014.
- [Cheng 14a] Peng Cheng, Jeng-Shyang Pan & Chun-Wei Lin. *Use EMO to Protect Sensitive Knowledge in Association Rule Mining by Removing Items*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1108–1115, Beijing, China, 6-11 July 2014.

- [Cheng 14b] Ran Cheng & Yaochu Jin. *Demonstrator Selection in a Social Learning Particle Swarm Optimizer*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3103–3110, Beijing, China, 6-11 July 2014.
- [Cheng 14c] Shi Cheng, Yuhui Shi, Quande Qin, T. O. Ting & Ruibin Bai. *Maintaining Population Diversity in Brain Storm Optimization Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3230–3237, Beijing, China, 6-11 July 2014.
- [Chotard 14] Alexandre Chotard, Anne Auger & Nikolaus Hansen. *Markov Chain Analysis of Evolution Strategies on a Linear Constraint Optimization Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 159–166, Beijing, China, 6-11 July 2014.
- [Chou 14] Chun-Hua Chou, Huang Chia-Ling & Po-Chun Chang. *A RFID Network Design Methodology for Decision Problem in Health Care*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1586–1592, Beijing, China, 6-11 July 2014.
- [Chow 14] Chi Kin Chow & Shiu Yin Yuen. *A Dynamic History-Driven Evolutionary Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1558–1564, Beijing, China, 6-11 July 2014.
- [Chowdhury 14] Archana Chowdhury, Pratyusha Rakshit, Amit Konar & Atulya Nagar. *A Modified Bat Algorithm to Predict Protein-Protein Interaction Network*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1046–1053, Beijing, China, 6-11 July 2014.
- [Cleghorn 14] Christopher Cleghorn & Andries Engelbrecht. *Particle Swarm Convergence: An Empirical Investigation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2524–2530, Beijing, China, 6-11 July 2014.
- [Cooper 14] Ian Cooper, Matthew John, Rhydian Lewis, Andrew Olden & Christine Mumford. *Optimising Large Scale Public Transport Network Design Problems Using Mixed-Mode Parallel Multi-Objective Evolutionary Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2841–2848, Beijing, China, 6-11 July 2014.
- [Cota 14] Luciano Perdigao Cota, Matheus Nohra Haddad, Marcone Jamilson Freitas Souza & Vitor Nazario Coelho. *AIRP: A Heuristic Algorithm for Solving the Unrelated Parallel Machine Scheduling Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1855–1862, Beijing, China, 6-11 July 2014.
- [Cui 14] Tianxiang Cui, Shi Cheng & Ruibin Bai. *A Combinatorial Algorithm for the Cardinality Constrained Portfolio Optimization Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 491–498, Beijing, China, 6-11 July 2014.
- [da Silva 14] Alexandre Sawczuk da Silva, Hui Ma & Mengjie Zhang. *A Graph-Based Particle Swarm Optimisation Approach to QoS-Aware Web Service Composition and Selection*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3127–3134, Beijing, China, 6-11 July 2014.
- [Datta 14] Shreyasi Datta, Pratyusha Rakshit, Amit Konar & Atulya K. Nagar. *Selecting the Optimal EEG Electrode Positions for a Cognitive Task Using an Artificial*

- Bee Colony with Adaptive Scale Factor Optimization Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2748–2755, Beijing, China, 6-11 July 2014.
- [Davendra 14] Donald Davendra, Roman Senkerik, Ivan Zelinka & Michal Pluhacek. *Scatter Search Algorithm with Chaos Based Stochasticity*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 860–866, Beijing, China, 6-11 July 2014.
- [Davila 14] Jaime Davila. *Genotype Coding, Diversity, and Dynamic Environments: A Study on an Evolutionary Neural Network Multi-Agent System*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2306–2313, Beijing, China, 6-11 July 2014.
- [Dawson 14] Laurence Dawson & Iain Stewart. *Accelerating Ant Colony Optimization-Based Edge Detection on the GPU Using CUDA*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1736–1743, Beijing, China, 6-11 July 2014.
- [de Vega 14] Francisco Fernandez de Vega, Mario Garcia-Valdez, Lilian Navarro, Cayetano Cruz, Patricia Hernandez, Tania Gallego & J. Vicente Albarran. *When Artists Met Evospace-i*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2282–2289, Beijing, China, 6-11 July 2014.
- [Debie 14] Essam Debie, Kamran Shafi, Kathryn Merrick & Chris Lokan. *An Online Evolutionary Rule Learning Algorithm with Incremental Attribute Discretization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1116–1123, Beijing, China, 6-11 July 2014.
- [Dhebar 14] Yashesh Dhebar, Kalyanmoy Deb & Sunith Bandaru. *Non-Uniform Mapping in Real-Coded Genetic Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2237–2244, Beijing, China, 6-11 July 2014.
- [Dick 14] Grant Dick & Xin Yao. *Model Representation and Cooperative Coevolution for Finite-State Machine Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2700–2707, Beijing, China, 6-11 July 2014.
- [Ding 14a] Jianya Ding, Shiji Song, Rui Zhang & Cheng Wu. *Minimizing Makespan for a No-Wait Flowshop Using Tabu Mechanism Improved Iterated Greedy Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1906–1911, Beijing, China, 6-11 July 2014.
- [Ding 14b] Jinliang Ding, Lipeng Chen, Qingguang Xie, Tianyou Chai & Xiuping Zheng. *Effect of Pseudo Gradient on Differential Evolutionary for Global Numerical Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2019–2026, Beijing, China, 6-11 July 2014.
- [Ding 14c] Ke Ding & Ying Tan. *Comparison of Random Number Generators in Particle Swarm Optimization Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2664–2671, Beijing, China, 6-11 July 2014.
- [Dong 14a] Wei Dong & Sanyou Zeng. *Linear Sparse Arrays Designed by Dynamic Constrained Multi-Objective Evolutionary Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3067–3072, Beijing, China, 6-11 July 2014.

- [Dong 14b] Wenyong Dong, Jiangshen Tian, Xu Tang, Kang Sheng & Jin Liu. *Autonomous Learning Adaptation for Particle Swarm Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 223–228, Beijing, China, 6-11 July 2014.
- [Donne 14] Sarah Donne, Miguel Nicolau, Christopher Bean & Michael O’Neill. *Wave Height Quantification Using Land Based Seismic Data with Grammatical Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2909–2916, Beijing, China, 6-11 July 2014.
- [Dornberger 14] Rolf Dornberger, Thomas Hanne, Remo Ryter & Stauffer Michael. *Optimization of the Picking Sequence of an Automated Storage and Retrieval System (AS/RS)*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2817–2824, Beijing, China, 6-11 July 2014.
- [Du 14] Xuanni Du & Xiaolin Chang. *Performance of AI Algorithms for Mining Meaningful Roles*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2070–2076, Beijing, China, 6-11 July 2014.
- [Duan 14] Pengfei Duan, Shengwu Xiong, Zhongbo Hu, Qiong Chen & Xinlu Zhong. *Multi-Objective Optimization Model Based on Steady Degree for Teaching Building Evacuation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 924–929, Beijing, China, 6-11 July 2014.
- [Elsayed 14a] Saber Elsayed, Tapabrata Ray & Ruhul Sarker. *A Surrogate-Assisted Differential Evolution Algorithm with Dynamic Parameters Selection for Solving Expensive Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1062–1068, Beijing, China, 6-11 July 2014.
- [Elsayed 14b] Saber Elsayed, Ruhul Sarker & Daryl Essam. *United Multi-Operator Evolutionary Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1006–1013, Beijing, China, 6-11 July 2014.
- [Elsayed 14c] Saber Elsayed, Ruhul Sarker, Daryl Essam & Noha Hamza. *Testing United Multi-Operator Evolutionary Algorithms on the CEC2014 Real-Parameter Numerical Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1650–1657, Beijing, China, 6-11 July 2014.
- [Enaya 14] Yaser Enaya & Kalyanmoy Deb. *Network Path Optimization Under Dynamic Conditions*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2977–2984, Beijing, China, 6-11 July 2014.
- [Erlich 14a] Istvan Erlich, Jose L. Rueda & Sebastian Wildenhues. *Evaluating the Mean-Variance Mapping Optimization on the IEEE-CEC 2014 Test Suite*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1625–1632, Beijing, China, 6-11 July 2014.
- [Erlich 14b] Istvan Erlich, Jose L. Rueda & Sebastian Wildenhues. *Solving the IEEE-CEC 2014 Expensive Optimization Test Problems by Using Single-Particle MVMO*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1084–1091, Beijing, China, 6-11 July 2014.

- [Everitt 14] Tom Everitt, Tor Lattimore & Marcus Hutter. *Free Lunch for Optimisation under the Universal Distribution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 167–174, Beijing, China, 6–11 July 2014.
- [Farzan 14] Siavash Farzan & Guilherme DeSouza. *A Parallel Evolutionary Solution for the Inverse Kinematics of Generic Robotic Manipulators*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 358–365, Beijing, China, 6–11 July 2014.
- [Fatnassi 14] Ezzeddine Fatnassi, Olfa Chebbi & Jouhaina Chaouachi. *A Bee Colony Algorithm for Routing Guided Automated Battery-Operated Electric Vehicles in Personal Rapid Transit Systems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 536–543, Beijing, China, 6–11 July 2014.
- [Felipe 14] Denis Felipe, Elizabeth Ferreira Gouvea Goldberg & Marco Cesar Goldberg. *Scientific Algorithms for the Car Renter Salesman Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 873–879, Beijing, China, 6–11 July 2014.
- [Feng 14] Shasha Feng, Shaolin Tan & Jinhu Lu. *Characterizing the Impact of Selection on the Evolution of Cooperation in Complex Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 813–818, Beijing, China, 6–11 July 2014.
- [Fieldsend 14] Jonathan Fieldsend. *Running Up Those Hills: Multi-Modal Search with the Niching Migratory Multi-Swarm Optimiser*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2593–2600, Beijing, China, 6–11 July 2014.
- [Fogel 14] Gary Fogel, Enoch Liu, Marco Salemi, Susanna Lamers & Michael McGrath. *Evolved Neural Networks for HIV-1 Co-Receptor Identification*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2778–2784, Beijing, China, 6–11 July 2014.
- [Fong 14] Cheng Weng Fong, Hishammuddin Asmuni, Way Shen Lam, Barry McCollum & Paul McMullan. *A Novel Hybrid Approach for Curriculum Based Course Timetabling Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 544–550, Beijing, China, 6–11 July 2014.
- [Friedrich 14] Timo Friedrich & Stefan Menzel. *A Cascaded Evolutionary Multi-Objective Optimization for Solving the Unbiased Universal Electric Motor Family Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3184–3191, Beijing, China, 6–11 July 2014.
- [Fu 14a] Haobo Fu, Peter Lewis, Bernhard Sendhoff, Ke Tang & Xin Yao. *What Are Dynamic Optimization Problems?* In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1550–1557, Beijing, China, 6–11 July 2014.
- [Fu 14b] Wenlong Fu, Mark Johnston & Mengjie Zhang. *Unsupervised Learning for Edge Detection Using Genetic Programming*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 117–124, Beijing, China, 6–11 July 2014.
- [Gao 14a] Chao Gao, Thomas Weise & Jinlong Li. *A Weighting-Based Local Search Heuristic Algorithm for the Set Covering Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 826–831, Beijing, China, 6–11 July 2014.

- [Gao 14b] Song Gao, Zhigang Liu, Chenxi Dai & Xiao Geng. *Application of BPSO with GA in Model-Based Fault Diagnosis of Traction Substation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2063–2069, Beijing, China, 6-11 July 2014.
- [Garden 14] Robert Garden & Andries Engelbrecht. *Analysis and Classification of Optimisation Benchmark Functions and Benchmark Suites*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1641–1649, Beijing, China, 6-11 July 2014.
- [Gaudesi 14] Marco Gaudesi, Elio Piccolo, Giovanni Squillero & Alberto Tonda. *TURAN: Evolving Non-Deterministic Players for the Iterated Prisoner’s Dilemma*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 21–27, Beijing, China, 6-11 July 2014.
- [Gee 14] Sen Bong Gee & Kay Chen Tan. *Diversity Preservation with Hybrid Recombination for Evolutionary Multiobjective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1172–1178, Beijing, China, 6-11 July 2014.
- [Georgieva 14] Kristina S. Georgieva & Andries P. Engelbrecht. *Cooperative DynDE for Temporal Data Clustering*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 437–444, Beijing, China, 6-11 July 2014.
- [Glette 14] Kyrre Glette & Paul Kaufmann. *Lookup Table Partial Reconfiguration for an Evolvable Hardware Classifier System*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1706–1713, Beijing, China, 6-11 July 2014.
- [Gonzalez-Pardo 14] Antonio Gonzalez-Pardo & David Camacho. *A New CSP Graph-Based Representation to Resource-Constrained Project Scheduling Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 344–351, Beijing, China, 6-11 July 2014.
- [Greenwood 14] Garrison Greenwood, Saber Elsayed, Ruhul Sarker & Hussein Abbass. *Online Generation of Trajectories for Autonomous Vehicles Using a Multi-Agent System*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1218–1224, Beijing, China, 6-11 July 2014.
- [Grobler 14] Jacomine Grobler, Andries P. Engelbrecht, Graham Kendall & V.S.S. Yadavalli. *Heuristic Space Diversity Management in a Meta-Hyper-Heuristic Framework*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1863–1869, Beijing, China, 6-11 July 2014.
- [Gu 14a] Jiangshao Gu & Xuanhua Shi. *An Adaptive PSO Based on Motivation Mechanism and Acceleration Restraint Operator*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1328–1336, Beijing, China, 6-11 July 2014.
- [Gu 14b] Liang Gu, Peng Yang & Yongqiang Dong. *A Dynamic-Weighted Collaborative Filtering Approach to Address Sparsity and Adaptivity Issues*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3044–3050, Beijing, China, 6-11 July 2014.
- [Guo 14] Yinan Guo, Meirong Chen, Haobo Fu & Yun Liu. *Find Robust Solutions Over Time by Two-Layer Multi-Objective Optimization Method*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1528–1535, Beijing, China, 6-11 July 2014.

- [Hamza 14] Noha Hamza, Ruhul Sarker & Daryl Essam. *Differential Evolution with a Constraint Consensus Mutation for Solving Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 991–997, Beijing, China, 6-11 July 2014.
- [Handa 14] Hisashi Handa. *Deep Boltzmann Machine for Evolutionary Agents of Mario AI*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 36–41, Beijing, China, 6-11 July 2014.
- [Hardhienata 14] Medria Hardhienata, Valery Ugrinovskii & Kathryn Merrick. *Task Allocation Under Communication Constraints Using Motivated Particle Swarm Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3135–3142, Beijing, China, 6-11 July 2014.
- [Harrison 14] Kyle Harrison, Beatrice Ombuki-Berman & Andries Engelbrecht. *Dynamic Multi-Objective Optimization Using Charged Vector Evaluated Particle Swarm Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1929–1936, Beijing, China, 6-11 July 2014.
- [He 14a] Jun He, Mitavskiy Boris & Yuren Zhou. *A Theoretical Assessment of Solution Quality in Evolutionary Algorithms for the Knapsack Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 141–148, Beijing, China, 6-11 July 2014.
- [He 14b] Ping He, Ling Lu, Xiaohua Xu, Kanwen Li, Heng Qian & Wei Zhang. *Confidence-Based Ant Random Walks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1721–1728, Beijing, China, 6-11 July 2014.
- [He 14c] Tiantian He & Keith C.C. Chan. *Evolutionary Community Detection in Social Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1496–1503, Beijing, China, 6-11 July 2014.
- [Helbig 14] Marde Helbig & Andries Engelbrecht. *Heterogeneous Dynamic Vector Evaluated Particle Swarm Optimisation for Dynamic Multi-Objective Optimisation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3151–3159, Beijing, China, 6-11 July 2014.
- [Htiouech 14] Skander Htiouech & Sadok Bouamama. *A Lagrangian and Surrogate Information Enhanced Tabu Search for the MMKP*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1461–1468, Beijing, China, 6-11 July 2014.
- [Hu 14a] Wang Hu, Gary Yen & Xin Zhang. *Sensitivity Analysis of Parallel Cell Coordinate System in Many-Objective Particle Swarm Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2641–2648, Beijing, China, 6-11 July 2014.
- [Hu 14b] Xiao-Bing Hu & Mark S Leeson. *Genetic Algorithm with Spatial Receding Horizon Control for the Optimization of Facility Locations*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 903–909, Beijing, China, 6-11 July 2014.
- [Hu 14c] Xiao-Bing Hu, Ming Wang & Mark S Leeson. *Calculating the Complete Pareto Front for a Special Class of Continuous Multi-Objective Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 290–297, Beijing, China, 6-11 July 2014.

- [Hu 14d] Zhongyi Hu, Yukun Bao & Tao Xiong. *Partial Opposition-Based Adaptive Differential Evolution Algorithms: Evaluation on the CEC 2014 Benchmark Set for Real-Parameter Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2259–2265, Beijing, China, 6-11 July 2014.
- [Hui 14] Sheldon Hui & Nagarathnam Suganthan Ponnuthurai. *Niching-Based Self-adaptive Ensemble DE with MMTS for Solving Dynamic Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1536–1541, Beijing, China, 6-11 July 2014.
- [Hunt 14] Rachel Hunt, Mark Johnston & Mengjie Zhang. *Evolving Machine-Specific Dispatching Rules for a Two-Machine Job Shop using Genetic Programming*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 618–625, Beijing, China, 6-11 July 2014.
- [Huo 14] Yudan Huo, Zhihua Cai, Wenyin Gong & Qin Liu. *A New Adaptive Kalman Filter by Combining Evolutionary Algorithm and Fuzzy Inference System*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2893–2900, Beijing, China, 6-11 July 2014.
- [Ivan 14] Zelinka Ivan, Lampinen Jouni, Senkerik Roman, Pluhacek Michal & Davendra Donald. *Evolutionary Algorithms Dynamics and Its Hidden Complex Network Structures*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3246–3251, Beijing, China, 6-11 July 2014.
- [Jana 14] Nanda Dulal Jana, Swagatam Das & Jaya Sil. *Particle Swarm Optimization with Population Adaptation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 573–578, Beijing, China, 6-11 July 2014.
- [Janecek 14] Andreas Janecek, Tobias Jordan & Fernando Buarque de Lima-Neto. *Swarm/Evolutionary Intelligence for Agent-Based Social Simulation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2925–2932, Beijing, China, 6-11 July 2014.
- [Jariyatantiwait 14] Chatkaew Jariyatantiwait & Gary Yen. *Fuzzy Multiobjective Differential Evolution Using Performance Metrics Feedback*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1959–1966, Beijing, China, 6-11 July 2014.
- [Jiang 14a] Qiaoyong Jiang, Lei Wang, Xinhong Hei, Rong Fei, Dongdong Yang, Feng Zou, Hongye Li & Zijian Cao. *Optimal Approximation of Stable Linear Systems with a Novel and Efficient Optimization Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 840–844, Beijing, China, 6-11 July 2014.
- [Jiang 14b] Shouyong Jiang & Shengxiang Yang. *An Improved Quantum-Behaved Particle Swarm Optimization Based on Linear Interpolation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 769–775, Beijing, China, 6-11 July 2014.
- [Jiang 14c] Yunzhi Jiang, Zhenlun Yang, Zhifeng Hao, Yinglong Wang & Huojiao He. *A Cooperative Honey Bee Mating Algorithm and Its Application in Multi-Threshold Image Segmentation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1579–1585, Beijing, China, 6-11 July 2014.

- [Jin 14] Nanlin Jin & Xin Yao. *Heuristic Optimization for Software Project Management with Impacts of Team Efficiency*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3016–3023, Beijing, China, 6-11 July 2014.
- [Juan 14] Teran Juan, Aguilar Jose & Cerrada Mariela. *Cultural Learning for Multi-Agent System and Its Application to Fault Management*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2188–2195, Beijing, China, 6-11 July 2014.
- [Judeh 14] Thair Judeh, Thaer Jayyousi, Lipi Acharya, Robert Reynolds & Dongxiao Zhu. *GSCA: Reconstructing Biological Pathway Topologies Using a Cultural Algorithms Approach*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2206–2213, Beijing, China, 6-11 July 2014.
- [Karim 14] Muhammad Rezaul Karim & Malek Mouhoub. *Coevolutionary Genetic Algorithm for Variable Ordering in CSPs*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2716–2723, Beijing, China, 6-11 July 2014.
- [Kaszkurewicz 14] Eugenius Kaszkurewicz, Amit Bhaya, Jayadeva Jayadeva & Joao Marcos Meirelles da Silva. *The Coupled EigenAnt Algorithm for Shortest Path Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1729–1735, Beijing, China, 6-11 July 2014.
- [Kattan 14] Ahmed Kattan, Michael Kampouridis, Yew-Soon Ong & Khalid Mehamdi. *Transformation of Input Space Using Statistical Moments: EA-Based Approach*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2499–2506, Beijing, China, 6-11 July 2014.
- [Kazimipour 14a] Borhan Kazimipour, Xiaodong Li & A.K. Qin. *Effects of Population Initialization on Differential Evolution for Large Scale Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2404–2411, Beijing, China, 6-11 July 2014.
- [Kazimipour 14b] Borhan Kazimipour, Xiaodong Li & A.K. Qin. *A Review of Population Initialization Techniques for Evolutionary Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2585–2592, Beijing, China, 6-11 July 2014.
- [Kazimipour 14c] Borhan Kazimipour, Mohammad Nabi Omidvar, Xiaodong Li & A.K. Qin. *A Novel Hybridization of Opposition-Based Learning and Cooperative Co-Evolutionary for Large-Scale Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2833–2840, Beijing, China, 6-11 July 2014.
- [Ke 14] Liangjun Ke. *A Cooperative Approach between Metaheuristic and Branch-and-Price for the Team Orienteering Problem with Time Windows*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1878–1882, Beijing, China, 6-11 July 2014.
- [Ki-Baek 14] Lee Ki-Baek & Kim Jong-Hwan. *DMOPSO: Dual Multi-Objective Particle Swarm Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3096–3102, Beijing, China, 6-11 July 2014.

- [Kizilay 14] Damla Kizilay, M. Fatih Tasgetiren, Onder Bulut & Bilgehan Bostan. *A Discrete Artificial Bee Colony Algorithm for the Parallel Machine Scheduling Problem in DYÖ Painting Company*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 653–660, Beijing, China, 6–11 July 2014.
- [Klazar 14] Ronald Klazar & Andries Engelbrecht. *Parameter Optimization by Means of Statistical Quality Guides in F-Race*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2547–2552, Beijing, China, 6–11 July 2014.
- [Krawczyk 14] Bartosz Krawczyk, Isaac Triguero, Salvador Garcia, Michal Wozniak & Francisco Herrera. *A First Attempt on Evolutionary Prototype Reduction for Nearest Neighbor One-Class Classification*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 747–753, Beijing, China, 6–11 July 2014.
- [Kren 14] Tomas Kren & Roman Neruda. *Generating Lambda Term Individuals in Typed Genetic Programming Using Forgetful A**. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1847–1854, Beijing, China, 6–11 July 2014.
- [Krityakierne 14] Tipaluck Krityakierne, Juliane Mueller & Christine Shoemaker. *SO-MODS: Optimization for High Dimensional Computationally Expensive Multi-Modal Functions with Surrogate Search*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1092–1099, Beijing, China, 6–11 July 2014.
- [Kromer 14] Pavel Kromer, Ivan Zelinka & Vaclav Snasel. *Can Deterministic Chaos Improve Differential Evolution for the Linear Ordering Problem?* In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1443–1448, Beijing, China, 6–11 July 2014.
- [Ksibi 14] Amel Ksibi, Anis Ben Ammar & Chokri Ben Amar. *Enhancing Relevance Re-Ranking Using Nature-Inspired Meta-Heuristic Optimization Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1435–1442, Beijing, China, 6–11 July 2014.
- [Kuang 14a] Fangjun Kuang, Zhong Jin, Weihong Xu & Siyang Zhang. *A Novel Chaotic Artificial Bee Colony Algorithm Based on Tent Map*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 235–241, Beijing, China, 6–11 July 2014.
- [Kuang 14b] Li Kuang, Zhiyong Zhao, Feng Wang, Yuanxiang Li, Fei Yu & Zhijie Li. *A Differential Evolution Box-Covering Algorithm for Fractal Dimension on Complex Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 693–699, Beijing, China, 6–11 July 2014.
- [Lara-Cabrera 14] Raul Lara-Cabrera, Carlos Cotta & Antonio J. Fernandez-Leiva. *A Self-Adaptive Evolutionary Approach to the Evolution of Aesthetic Maps for a RTS Game*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 298–304, Beijing, China, 6–11 July 2014.
- [Lattarulo 14] Valerio Lattarulo, Benjamin A. Lindley & Geoffrey T. Parks. *Application of the MOAA for the Optimization of CORAIL Assemblies for Nuclear Reactors*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1413–1420, Beijing, China, 6–11 July 2014.

- [Lauri 14] Fabrice Lauri & Abder Koukam. *Hybrid ACO/EA Algorithms Applied to the Multi-Agent Patrolling Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 250–257, Beijing, China, 6–11 July 2014.
- [Lee 14a] Geoffrey Lee, Min Luo, Fabio Zambetta & Xiaodong Li. *Learning a Super Mario Controller from Examples of Human Play*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1–8, Beijing, China, 6–11 July 2014.
- [Lee 14b] Po-Ming Lee & Tzu-Chien Hsiao. *Applying LCS to Affective Images Classification in Spatial-Frequency Domain*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1690–1697, Beijing, China, 6–11 July 2014.
- [Lee 14c] Seung-Mok Lee & Hyun Myung. *A Cooperative Coevolutionary Approach to Multi-Robot Formation Control*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1225–1231, Beijing, China, 6–11 July 2014.
- [Leite 14] Vitor Leite, Carlos Silva, Joao Claro & Joao M. C. Sousa. *Optimization of Power Flow with Energy Storage Using Genetic Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2678–2684, Beijing, China, 6–11 July 2014.
- [Leung 14] Man Fai Leung, Sin Chun Ng, Chi Chung Cheung & Andrew K Lui. *A New Strategy for Finding Good Local Guides in MOPSO*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1990–1997, Beijing, China, 6–11 July 2014.
- [Li 14a] Bai Li, Raymond Chiong & Ligang Gong. *Search-Evasion Path Planning for Submarines Using the Artificial Bee Colony Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 528–535, Beijing, China, 6–11 July 2014.
- [Li 14b] Bingdong Li, Jinlong Li, Ke Tang & Xin Yao. *An Improved Two Archive Algorithm for Many-Objective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2869–2876, Beijing, China, 6–11 July 2014.
- [Li 14c] Fei Li, Yuting Zhang & Haibo Li. *Quantum Bacterial Foraging Optimization Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1265–1272, Beijing, China, 6–11 July 2014.
- [Li 14d] Hui Li, Qingfu Zhang & Jingda Deng. *Multiobjective Test Problems with Complicated Pareto Fronts: Difficulties in Degeneracy*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2156–2163, Beijing, China, 6–11 July 2014.
- [Li 14e] Jie Li & Junqi Zhang. *Using Estimation of Distribution Algorithm to Coordinate Decentralized Learning Automata for Meta-Task Scheduling*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2077–2084, Beijing, China, 6–11 July 2014.
- [Li 14f] Junzhi Li, Shaoqiu Zheng & Ying Tan. *Adaptive Fireworks Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3214–3221, Beijing, China, 6–11 July 2014.

- [Li 14g] Menglin Li & Colm O’Riordan. *Graph Centrality Measures and the Robustness of Cooperation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1232–1237, Beijing, China, 6-11 July 2014.
- [Li 14h] Mengshi Li, Tianyao Ji, Peter Wu, Shan He & Qinghua Wu. *Protein Folding Estimation Using Paired-Bacteria Optimizer*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2027–2032, Beijing, China, 6-11 July 2014.
- [Li 14i] Miqing Li, Shengxiang Yang & Xiaohui Liu. *A Test Problem for Visual Investigation of High-Dimensional Multi-Objective Search*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2140–2147, Beijing, China, 6-11 July 2014.
- [Li 14j] Xianneng Li, Wen He & Kotaro Hirasawa. *Adaptive Genetic Network Programming*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1808–1815, Beijing, China, 6-11 July 2014.
- [Li 14k] Xianneng Li, Wen He & Kotaro Hirasawa. *Creating Stock Trading Rules Using Graph-Based Estimation of Distribution Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 731–738, Beijing, China, 6-11 July 2014.
- [Li 14l] Xianneng Li, Wen He & Kotaro Hirasawa. *Generalized Classifier System: Evolving Classifiers with Cyclic Conditions*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1682–1689, Beijing, China, 6-11 July 2014.
- [Li 14m] Xianneng Li, Wen He & Kotaro Hirasawa. *Learning and Evolution of Genetic Network Programming with Knowledge Transfer*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 798–805, Beijing, China, 6-11 July 2014.
- [Li 14n] Yang Li, Aimin Zhou & Guixu Zhang. *An MOEA/D with Multiple Differential Evolution Mutation Operators*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 397–404, Beijing, China, 6-11 July 2014.
- [Li 14o] Yangyang Li, Xiaolong Tian, Licheng Jiao & Xiangrong Zhang. *Biclustering of Gene Expression Data Using Particle Swarm Optimization Integrated with Pattern-Driven Local Search*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1367–1373, Beijing, China, 6-11 July 2014.
- [Li 14p] Zezhou Li, Junqi Zhang, Wei Wang & Jing Yao. *Dimensions Cooperate by Euclidean Metric in Particle Swarm Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1359–1366, Beijing, China, 6-11 July 2014.
- [Li 14q] Zhihui Li, Zhigang Shang, J. J. Liang & B. Y. Qu. *Differential Evolution Strategy Based on the Constraint of Fitness Values Classification*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1454–1460, Beijing, China, 6-11 July 2014.
- [Li 14r] Zhihui Li, Zhigang Shang, J. J. Liang & B. Y. Qu. *Feature Selection Based on Manifold-Learning with Dynamic Constraint-Handling Differential Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 332–337, Beijing, China, 6-11 July 2014.

- [Liang 14a] J. J. Liang, B. Y. Qu, H. Song & Z. G. Shang. *Memetic Differential Evolution Based on Fitness Euclidean-Distance Ratio*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2266–2273, Beijing, China, 6-11 July 2014.
- [Liang 14b] J. J. Liang, B. Zheng, B. Y. Qu & H. Song. *Multi-Objective Differential Evolution Algorithm Based on Fast Sorting and a Novel Constraints Handling Technique*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 445–450, Beijing, China, 6-11 July 2014.
- [Liang 14c] Yun-Chia Liang, Hsiang-Ling Chen & Yung-Hsiang Nien. *Artificial Bee Colony for Workflow Scheduling*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 558–564, Beijing, China, 6-11 July 2014.
- [Liao 14a] Qiuxiao Liao, Aimin Zhou & Guixu Zhang. *A Locally Weighted Metamodel for Pre-Selection in Evolutionary Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2483–2490, Beijing, China, 6-11 July 2014.
- [Liao 14b] Xin-Lan Liao, Chih-Hung Chien & Chuan-Kang Ting. *A Genetic Algorithm for the Minimum Latency Pickup and Delivery Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3272–3279, Beijing, China, 6-11 July 2014.
- [Lin 14a] Kuicheng Lin, Xue Wang, Xuanping Li & Yuqi Tan. *Self-Adaptive Morphable Model Based Multi-View Non-Cooperative 3D Face Reconstruction*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 320–325, Beijing, China, 6-11 July 2014.
- [Lin 14b] Lin Lin, Gen Mitsuo & Liang Yan. *A Hybrid EA for High-Dimensional Subspace Clustering Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2855–2860, Beijing, China, 6-11 July 2014.
- [Ling 14] Sai Ho Ling, Phyto Phyto San, Hak Keung Lam & Hung Nguyen. *Non-Invasive Detection of Hypoglycemic Episodes in Type1 Diabetes Using Intelligent Hybrid Rough Neural System*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1238–1242, Beijing, China, 6-11 July 2014.
- [Liu 14a] Bo Liu, Qin Chen, Qingfu Zhang, Goerges Gielen & Vic Grout. *Behavioral Study of the Surrogate Model-Aware Evolutionary Search Framework*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 715–722, Beijing, China, 6-11 July 2014.
- [Liu 14b] Can Liu & Bin Li. *Memetic Algorithm with Adaptive Local Search Depth for Large Scale Global Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 82–88, Beijing, China, 6-11 July 2014.
- [Liu 14c] Haiming Liu, Jiong Zhou, Xinsheng Wu & Peng Yuan. *Optimization Algorithm for Rectangle Packing Problem Based on Varied-Factor Genetic Algorithm and Lowest Front-Line Strategy*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 352–357, Beijing, China, 6-11 July 2014.
- [Liu 14d] Huichao Liu, Zhijian Wu, Hui Wang, Shahryar Rahnamayan & Changshou Deng. *Improved Differential Evolution with Adaptive Opposition Strategy*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1776–1783, Beijing, China, 6-11 July 2014.

- [Liu 14e] James Liu, Yulin He & Yanxing Hu. *Regression Ensemble with PSO Algorithms Based Fuzzy Integral*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 762–768, Beijing, China, 6-11 July 2014.
- [Liu 14f] Jiang Liu, Bai gen Cai & Jian Wang. *Particle Swarm Optimization for Integrity Monitoring in BDS/DR Based Railway Train Positioning*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 792–797, Beijing, China, 6-11 July 2014.
- [Liu 14g] Jianhua Liu, Shaoqu Zheng & Ying Tan. *Analysis on Global Convergence and Time Complexity of Fireworks Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3207–3213, Beijing, China, 6-11 July 2014.
- [Liu 14h] Min Liu, Hemant Singh & Tapabrata Ray. *A Benchmark Generator for Dynamic Capacitated Arc Routing Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 579–586, Beijing, China, 6-11 July 2014.
- [Liu 14i] Min Liu, Hemant Singh & Tapabrata Ray. *A Memetic Algorithm with a New Split Scheme for Solving Dynamic Capacitated Arc Routing Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 595–602, Beijing, China, 6-11 July 2014.
- [Liu 14j] Min Liu, Jinhua Zheng, Junnian Wang, Yuzhen Liu & Lei Jiang. *An Adaptive Diversity Introduction Method for Dynamic Evolutionary Multiobjective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3160–3167, Beijing, China, 6-11 July 2014.
- [Liu 14k] Ruochen Liu, Xu Niu & Licheng Jiao. *A Multi-Swarm Particle Swarm Optimization with Orthogonal Learning for Locating and Tracking Multiple Optima in Dynamic Environments*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 754–761, Beijing, China, 6-11 July 2014.
- [Liu 14l] Tong Liu, Chaoli Sun, Jianchao Zeng & Yaochu Jin. *Similarity- and Reliability-Assisted Fitness Estimation for Particle Swarm Optimization of Expensive Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 640–646, Beijing, China, 6-11 July 2014.
- [Liu 14m] Wan-Yu Liu & Chun-Cheng Lin. *A Cultural Algorithm for Spatial Forest Harvest Scheduling*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1273–1276, Beijing, China, 6-11 July 2014.
- [Lopez-Herrejon 14] Roberto Erick Lopez-Herrejon, Javier Ferrer, Francisco Chicano, Alexander Egyed & Enrique Alba. *Comparative Analysis of Classical Multi-Objective Evolutionary Algorithms and Seeding Strategies for Pairwise Testing of Software Product Lines*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 387–396, Beijing, China, 6-11 July 2014.
- [Lotif 14] Marcelo Lotif. *Visualizing the Population of Meta-Heuristics During the Optimization Process Using Self-Organizing Maps*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 313–319, Beijing, China, 6-11 July 2014.

- [Low 14] W.Z. Low, J. De Weerd, M.T. Wynn, A.H.M. ter Hofstede, W.M.P. van der Aalst & S. vanden Broucke. *Perturbing Event Logs to Identify Cost Reduction Opportunities: A Genetic Algorithm-Based Approach*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2428–2435, Beijing, China, 6-11 July 2014.
- [Luo 14a] Chang Luo, Koji Shimoyama & Shigeru Obayashi. *Kriging Model Based Many-Objective Optimization with Efficient Calculation of Expected Hypervolume Improvement*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1187–1194, Beijing, China, 6-11 July 2014.
- [Luo 14b] Yongxin Luo, Sheng Huang & Jinglu Hu. *A Niching Two-Layered Differential Evolution with Self-Adaptive Control Parameters*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1405–1412, Beijing, China, 6-11 July 2014.
- [Ma 14a] Ailong Ma, Yanfei Zhong & Liangpei Zhang. *Remote Sensing Imagery Clustering Using an Adaptive Bi-Objective Memetic Method*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 50–57, Beijing, China, 6-11 July 2014.
- [Ma 14b] Ji Ma, Junqi Zhang, Wei Wang & Jing Yao. *Phase Transition Particle Swarm Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2531–2538, Beijing, China, 6-11 July 2014.
- [Ma 14c] Jingjing Ma, Yu Lei, Zhao Wang & Licheng Jiao. *A Memetic Algorithm Based on Immune Multi-Objective Optimization for Flexible Job-Shop Scheduling Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 58–65, Beijing, China, 6-11 July 2014.
- [Ma 14d] Wenping Ma, Yi Zuo, Jiulin Zeng, Shuang Liang & Licheng Jiao. *A Memetic Algorithm for Solving Flexible Job-Shop Scheduling Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 66–73, Beijing, China, 6-11 July 2014.
- [Madureira 14] Ana Madureira, Bruno Cunha & Ivo Pereira. *Cooperation Mechanism For Distributed Resource Scheduling Through Artificial Bee Colony Based Self-Organized Scheduling System*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 565–572, Beijing, China, 6-11 July 2014.
- [Mahdavi 14] Sedigheh Mahdavi, Mohammad Ebrahim Shiri & Shahryar Rahnamayan. *Cooperative Co-Evolution with a New Decomposition Method for Large-Scale Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1285–1292, Beijing, China, 6-11 July 2014.
- [Maia 14] Renato Maia, Leandro de Castro & Waldir Caminhas. *Real-Parameter Optimization with OptBees*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2649–2655, Beijing, China, 6-11 July 2014.
- [Malan 14] Katherine Malan & Andries Engelbrecht. *A Progressive Random Walk Algorithm for Sampling Continuous Fitness Landscapes*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2507–2514, Beijing, China, 6-11 July 2014.

- [Mallipeddi 14] Rammohan Mallipeddi, Guohua Wu, Minh Lee & Suganthan Ponnuthurai Nagaratnam. *Gaussian Adaptation Based Parameter Adaptation for Differential Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1760–1767, Beijing, China, 6-11 July 2014.
- [Manfrini 14] Francisco Manfrini, Helio Barbosa & Heder Bernadino. *Optimization of Combinational Logic Circuits Through Decomposition of Truth Table and Evolution of Sub-Circuits*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 945–950, Beijing, China, 6-11 July 2014.
- [Marchetti 14] Luca Marchetti, Vincenzo Manca & Ivan Zelinka. *On the Inference of Deterministic Chaos: Evolutionary Algorithm and Metabolic P System Approaches*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1483–1489, Beijing, China, 6-11 July 2014.
- [Mario 14] Ezequiel Di Mario, Inaki Navarro & Alcherio Martinoli. *Analysis of Fitness Noise in Particle Swarm Optimization: From Robotic Learning to Benchmark Functions*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2785–2792, Beijing, China, 6-11 July 2014.
- [Martinez 14] Saul Zapotecas Martinez & Carlos A. Coello Coello. *A Multi-Objective Evolutionary Algorithm Based on Decomposition for Constrained Multi-Objective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 429–436, Beijing, China, 6-11 July 2014.
- [Martins 14] Luiz Martins, Ricardo Nobre, Alexandre Delbem, Eduardo Marques & Joao Cardoso. *A Clustering-Based Approach for Exploring Sequences of Compiler Optimizations*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2436–2443, Beijing, China, 6-11 July 2014.
- [Masi 14] Luca Masi & Massimiliano Vasile. *A Multidirectional Physarum Solver for the Automated Design of Space Trajectories*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2992–2999, Beijing, China, 6-11 July 2014.
- [Masuda 14] Hiroyuki Masuda, Yusuke Nojima & Hisao Ishibuchi. *Visual Examination of the Behavior of EMO Algorithms for Many-Objective Optimization with Many Decision Variables*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2633–2640, Beijing, China, 6-11 July 2014.
- [Matei 14] Oliviu Matei, Diana Contrás & Petrica Pop. *Applying Evolutionary Computation for Evolving Ontologies*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1520–1527, Beijing, China, 6-11 July 2014.
- [Mauser 14] Ingo Mauser, Marita Dorscheid, Florian Allering & Hartmut Schneck. *Encodings for Evolutionary Algorithms in Smart Buildings with Energy Management Systems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2361–2366, Beijing, China, 6-11 July 2014.
- [Mavrovouniotis 14a] Michalis Mavrovouniotis & Shengxiang Yang. *Elitism-Based Immigrants for Ant Colony Optimization in Dynamic Environments: Adapting the*

- Replacement Rate*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1752–1759, Beijing, China, 6-11 July 2014.
- [Mavrovouniotis 14b] Michalis Mavrovouniotis & Shengxiang Yang. *Interactive and Non-Interactive Hybrid Immigrants Schemes for Ant Algorithms in Dynamic Environments*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1542–1549, Beijing, China, 6-11 July 2014.
- [Mayo 14] Michael Mayo & Quan Sun. *Evolving Artificial Datasets to Improve Interpretable Classifiers*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2367–2374, Beijing, China, 6-11 July 2014.
- [McNabb 14] Andrew McNabb & Kevin Seppi. *Serial PSO Results are Irrelevant in a Multi-Core Parallel World*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3143–3150, Beijing, China, 6-11 July 2014.
- [Mei 14] Yi Mei, Xiaodong Li & Xin Yao. *Variable Neighborhood Decomposition for Large Scale Capacitated Arc Routing Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1313–1320, Beijing, China, 6-11 July 2014.
- [Menchaca-Mendez 14] Adriana Menchaca-Mendez & Carlos A. Coello Coello. *MD-MOEA : A New MOEA Based on the Maximin Fitness Function and Euclidean Distances between Solutions*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2148–2155, Beijing, China, 6-11 July 2014.
- [Menendez 14a] Hector D. Menendez, David F. Barrero & David Camacho. *A Co-Evolutionary Multi-Objective Approach for a K-Adaptive Graph-Based Clustering Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2724–2731, Beijing, China, 6-11 July 2014.
- [Menendez 14b] Hector D. Menendez, Laura Plaza & David Camacho. *Combining Graph Connectivity and Genetic Clustering to Improve Biomedical Summarization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2740–2747, Beijing, China, 6-11 July 2014.
- [Menezes 14] Matheus Menezes, Marco Goldberg & Elizabeth Goldberg. *A Memetic Algorithm for the Prize Collecting Traveling Car Renter Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3258–3265, Beijing, China, 6-11 July 2014.
- [Mesa 14] Eddy Mesa, Juan David Velasquez & Patricia Jaramillo. *A New Self-Adaptive PSO Based on the Identification of Planar Regions*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1937–1943, Beijing, China, 6-11 July 2014.
- [Metlicka 14] Magdalena Metlicka & Donald Davendra. *Chaos-Driven Discrete Artificial Bee Colony*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2947–2954, Beijing, China, 6-11 July 2014.
- [ming Cheung 14] Yiu ming Cheung & Fangqing Gu. *Online Objective Reduction for Many-Objective Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1165–1171, Beijing, China, 6-11 July 2014.

- [Minisci 14] Edmondo Minisci & Massimiliano Vasile. *Adaptive Inflationary Differential Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1792–1799, Beijing, China, 6-11 July 2014.
- [Mohammadi 14] Asad Mohammadi, Mohammad Nabi Omidvar, Xiaodong Li & Kalyanmoy Deb. *Integrating User Preferences and Decomposition Methods for Many-Objective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 421–428, Beijing, China, 6-11 July 2014.
- [Molina 14] Daniel Molina, Benjamin Lacroix & Francisco Herrera. *Influence of Regions on the Memetic Algorithm for the Special Session on Real-Parameter Single Objective Optimisation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1633–1640, Beijing, China, 6-11 July 2014.
- [Montgomery 14] James Montgomery, Stephen Chen & Yasser Gonzalez-Fernandez. *Identifying and Exploiting the Scale of a Search Space in Differential Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1427–1434, Beijing, China, 6-11 July 2014.
- [Moshaiov 14a] Amiram Moshaiov & Omer Abramovich. *Is MO-CMA-ES Superior to NSGA-II for the Evolution of Multi-Objective Neuro-Controllers?* In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2809–2816, Beijing, China, 6-11 July 2014.
- [Moshaiov 14b] Amiram Moshaiov & Amir Tal. *Family Bootstrapping: A Genetic Transfer Learning Approach for Onsetting the Evolution for a Set of Related Robotic Tasks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2801–2808, Beijing, China, 6-11 July 2014.
- [Mu 14a] Caihong Mu, Jin Xie, Ruochen Liu & Licheng Jiao. *A Memetic Algorithm Using Local Structural Information for Detecting Community Structure in Complex Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 680–686, Beijing, China, 6-11 July 2014.
- [Mu 14b] Caihong Mu, Jian Zhang & Licheng Jiao. *An Intelligent Ant Colony Optimization for Community Detection in Complex Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 700–706, Beijing, China, 6-11 July 2014.
- [Naqvi 14] Syed Saud Naqvi, Will N. Browne & Christopher Hollitt. *Genetic Algorithms Based Feature Combination for Salient Object Detection, for Autonomously Identified Image Domain Types*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 109–116, Beijing, China, 6-11 July 2014.
- [Nguyen 14a] Bach Hoai Nguyen, Bing Xue, Ivy Liu & Mengjie Zhang. *Filter Based Backward Elimination in Wrapper Based PSO for Feature Selection in Classification*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3111–3118, Beijing, China, 6-11 July 2014.
- [Nguyen 14b] Su Nguyen, Mengjie Zhang & Mark Johnston. *A Sequential Genetic Programming Method to Learn Forward Construction Heuristics for Order Acceptance and Scheduling*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1824–1831, Beijing, China, 6-11 July 2014.

- [Nguyen 14c] Tien Thanh Nguyen, Alan Wee-Chung Liew, Minh Toan Tran, Xuan Cuong Pham & Mai Phuong Nguyen. *A Novel Genetic Algorithm Approach for Simultaneous Feature and Classifier Selection in Multi Classifier System*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1698–1705, Beijing, China, 6-11 July 2014.
- [Nguyen 14d] Tung Nguyen, Kien Nguyen & Ruck Thawonmas. *Integrating Fuzzy Integral and Heuristic Search for Unit Micromanagement in RTS Games*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 9–12, Beijing, China, 6-11 July 2014.
- [Ni 14] Qingjian Ni, Cen Cao & Xushan Yin. *A New Dynamic Probabilistic Particle Swarm Optimization with Dynamic Random Population Topology*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1321–1327, Beijing, China, 6-11 July 2014.
- [Nishiyama 14] Mari Nishiyama & Hitoshi Iba. *Applying Conversion Matrix to Robots for Imitating Motion Using Genetic Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 938–944, Beijing, China, 6-11 July 2014.
- [Niu 14a] Ben Niu & Ying Bi. *Binary Bacterial Foraging Optimization for Solving 0/1 Knapsack Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 647–652, Beijing, China, 6-11 July 2014.
- [Niu 14b] Ben Niu, Ting Xie, Qiqi Duan & Lijing Tan. *Particle Swarm Optimization for Integrated Yard Truck Scheduling and Storage Allocation Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 634–639, Beijing, China, 6-11 July 2014.
- [Nobile 14] Marco S. Nobile, Andrea G. Citrolo, Paolo Cazzaniga, Daniela Besozzi & Giancarlo Mauri. *A Memetic Hybrid Method for the Molecular Distance Geometry Problem with Incomplete Information*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1014–1021, Beijing, China, 6-11 July 2014.
- [Oh 14] Hyondong Oh & Yaochu Jin. *Evolving Hierarchical Gene Regulatory Networks for Morphogenetic Pattern Formation of Swarm Robotics*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 776–783, Beijing, China, 6-11 July 2014.
- [Omidvar 14] Mohammad Nabi Omidvar, Yi Mei & Xiaodong Li. *Effective Decomposition of Large-Scale Separable Continuous Functions for Cooperative Co-Evolutionary Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1305–1312, Beijing, China, 6-11 July 2014.
- [O’Neill 14] Michael O’Neill, Miguel Nicolau & Alexandros Agapitos. *Experiments in Program Synthesis with Grammatical Evolution: A Focus on Integer Sorting*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1504–1511, Beijing, China, 6-11 July 2014.
- [Pandiyani 14] Manikandan Pandiyani. *Soft Computing Techniques Based Optimal Tuning of Virtual Feedback PID Controller for Chemical Tank Reactor*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1922–1928, Beijing, China, 6-11 July 2014.
- [Pang 14] Wei Pang & George Coghill. *An Immune Network Approach to Learning Qualitative Models of Biological Pathways*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1030–1037, Beijing, China, 6-11 July 2014.

- [Pascoal 14] Luiz Mario Lustosa Pascoal, Celso Goncalves Camilo-Junior, Edjalma Queiroz Silva & Thierson Couto Rosa. *A Social-Evolutionary Approach to Compose a Similarity Function Used on Event Recommendation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1512–1519, Beijing, China, 6-11 July 2014.
- [Pat 14] Ankit Pat. *Ant Colony Optimization and Hypergraph Covering Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1714–1720, Beijing, China, 6-11 July 2014.
- [Peng 14a] Xingguang Peng, Xiaokang Lei & Kun Liu. *Compensate Information from Multimodal Dynamic Landscapes: An Anti-Pathology Cooperative Coevolutionary Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2578–2584, Beijing, China, 6-11 July 2014.
- [Peng 14b] Zhou Peng, Jinhua Zheng & Juan Zou. *A Population Diversity Maintaining Strategy Based on Dynamic Environment Evolutionary Model for Dynamic Multiobjective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 274–281, Beijing, China, 6-11 July 2014.
- [Pereira 14] Marcio Pereira, Mauro Roisenberg & Guenther Neto. *A Topological Niching Covariance Matrix Adaptation for Multimodal Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2562–2569, Beijing, China, 6-11 July 2014.
- [Perez 14] Diego Perez, Edward Powley, Daniel Whitehouse, Spyridon Samothrakis, Simon Lucas & Peter Cowling. *The 2013 Multi-Objective Physical Travelling Salesman Problem Competition*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2314–2321, Beijing, China, 6-11 July 2014.
- [Peterson 14] Leif Peterson. *Evolutionary Algorithms Applied to Likelihood Function Maximization During Poisson, Logistic, and Cox Proportional Hazards Regression Analysis*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1054–1061, Beijing, China, 6-11 July 2014.
- [Philippe 14] Preux Philippe, Munos Remi & Valko Michal. *Bandits Attack Function Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2245–2252, Beijing, China, 6-11 July 2014.
- [Pilat 14] Martin Pilat & Roman Neruda. *The Effect of Different Local Search Algorithms on the Performance of Multi-Objective Optimizers*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2172–2179, Beijing, China, 6-11 July 2014.
- [Plagianakos 14] Vassilis Plagianakos. *Unsupervised Clustering and Multi-Optima Evolutionary Search*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2383–2390, Beijing, China, 6-11 July 2014.
- [Polakova 14] Radka Polakova, Josef Tvrdik & Petr Bujok. *Controlled Restart in Differential Evolution Applied to CEC2014 Benchmark Functions*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2230–2236, Beijing, China, 6-11 July 2014.

- [Poole 14a] Daniel Poole, Christian Allen & Thomas Rendall. *Analysis of Constraint Handling Methods for the Gravitational Search Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2005–2012, Beijing, China, 6-11 July 2014.
- [Poole 14b] Daniel Poole, Christian Allen & Thomas Rendall. *Constraint Handling in Agent-Based Optimization by Independent Sub-Swarms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 998–1005, Beijing, China, 6-11 July 2014.
- [Pop 14] Petrica Pop & Camelia Chira. *A Hybrid Approach Based on Genetic Algorithms for Solving the Clustered Vehicle Routing Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1421–1426, Beijing, China, 6-11 July 2014.
- [Poursoltan 14] Shayan Poursoltan & Frank Neumann. *A Feature-Based Analysis on the Impact of Linear Constraints for e-Constrained Differential Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3088–3095, Beijing, China, 6-11 July 2014.
- [Pretorius 14] Christiaan Pretorius, Mathys du Plessis & John Gonsalves. *A Comparison of Neural Networks and Physics Models as Motion Simulators for Simple Robotic Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2793–2800, Beijing, China, 6-11 July 2014.
- [Purshouse 14] Robin C. Purshouse, Kalyanmoy Deb, Maszatul M. Mansor, Sanaz Mostaghim & Rui Wang. *A Review of Hybrid Evolutionary Multiple Criteria Decision Making Methods*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1147–1154, Beijing, China, 6-11 July 2014.
- [Qian 14] Xiaohu Qian, Min Huang, Taiguang Gao & Xingwei Wang. *An Improved Ant Colony Algorithm for Winner Determination in Multi-Attribute Combinatorial Reverse Auction*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1917–1921, Beijing, China, 6-11 July 2014.
- [Qin 14] A. K. Qin, Ke Tang, Hong Pan & Siyu Xia. *Self-Adaptive Differential Evolution with Local Search Chains for Real-Parameter Single-Objective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 467–474, Beijing, China, 6-11 July 2014.
- [Qiu 14] Xin Qiu, Jianxin Xu & Kay Chen Tan. *A Novel Differential Evolution (DE) Algorithm for Multi-Objective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2391–2396, Beijing, China, 6-11 July 2014.
- [R. 14] Rajakumar B. R. *Lion Algorithm for Standard and Large Scale Bilinear System Identification: A Global Optimization Based on Lion's Social Behavior*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2116–2123, Beijing, China, 6-11 July 2014.
- [Rahman 14] Humyun Fuad Rahman, Ruhul Sarker, Daryl Essam & Guijuan Chang. *A Memetic Algorithm for Solving Permutation Flow Shop Problems with Known and Unknown Machine Breakdowns*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 42–49, Beijing, China, 6-11 July 2014.

- [Rahnamayan 14] Shahryar Rahnamayan, Jude Jesuthasan, Faird Bourennani, Hojjat Salehinejad & Greg F. Naterer. *Computing Opposition by Involving Entire Population*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1800–1807, Beijing, China, 6-11 July 2014.
- [Rakshit 14] Pratyusha Rakshit, Amit Konar & Atulya Nagar. *Artificial Bee Colony Induced Multi-Objective Optimization in Presence of Noise*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3176–3183, Beijing, China, 6-11 July 2014.
- [Reid 14] Stuart Reid, Katherine Malan & Andries Engelbrecht. *Carry Trade Portfolio Optimization using Particle Swarm Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3051–3058, Beijing, China, 6-11 July 2014.
- [Reps 14] Jenna Reps, Uwe Aickelin & Jonathan Garibaldi. *Tuning a Multiple Classifier System for Side Effect Discovery Using Genetic Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 910–917, Beijing, China, 6-11 July 2014.
- [reza Bonyadi 14] Mohammad reza Bonyadi & Zbigniew Michalewicz. *On the Edge of Feasibility: A Case Study of the Particle Swarm Optimizer*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3059–3066, Beijing, China, 6-11 July 2014.
- [Richter 14] Hendrik Richter. *Codynamic Fitness Landscapes of Coevolutionary Minimal Substrates*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2692–2699, Beijing, China, 6-11 July 2014.
- [Rosales-Perez 14] Alejandro Rosales-Perez, Hugo Jair Escalante, Carlos A. Coello Coello, Jesus A. Gonzalez & Carlos A. Reyes-Garcia. *An Evolutionary Multi-Objective Approach for Prototype Generation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1100–1107, Beijing, China, 6-11 July 2014.
- [Ruello 14] Matteo Ruello, Francesco Grimaccia, Marco Mussetta & Riccardo E. Zich. *Black-Hole PSO and SNO for Electromagnetic Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1912–1916, Beijing, China, 6-11 July 2014.
- [Runkler 14] Thomas Runkler & James Bezdek. *Multidimensional Scaling with Multiswarming*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2940–2946, Beijing, China, 6-11 July 2014.
- [Sabar 14a] Nasser R. Sabar & Graham Kendall. *Aircraft Landing Problem Using Hybrid Differential Evolution and Simple Descent Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 520–527, Beijing, China, 6-11 July 2014.
- [Sabar 14b] Nasser R. Sabar & Graham Kendall. *Using Harmony Search with Multiple Pitch Adjustment Operators for the Portfolio Selection Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 499–503, Beijing, China, 6-11 July 2014.
- [Salehinejad 14a] Hojjat Salehinejad, Shahryar Rahnamayan & Hamid R. Tizhoosh. *Micro-Differential Evolution with Vectorized Random Mutation Factor*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2055–2062, Beijing, China, 6-11 July 2014.

- [Salehinejad 14b] Hojjat Salehinejad, Shahryar Rahnamayan & Hamid R. Tizhoosh. *Toward Using Type-II Opposition in Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1768–1775, Beijing, China, 6-11 July 2014.
- [Santu 14] Shubhra Kanti Karmaker Santu, Md. Mustafizur Rahman, Md. Monirul Islam & Kazuyuki Murase. *Towards Better Generalization in Pittsburgh Learning Classifier Systems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1666–1673, Beijing, China, 6-11 July 2014.
- [Sayed 14] Eman Sayed, Daryl Essam, Ruhul Sarker & Saber Elsayed. *A Decomposition-Based Algorithm for Dynamic Economic Dispatch Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1898–1905, Beijing, China, 6-11 July 2014.
- [Scardapane 14] Simone Scardapane, Danilo Comminiello, Michele Scarpiniti & Aurelio Uncini. *GP-Based Kernel Evolution for L2-Regularization Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1674–1681, Beijing, China, 6-11 July 2014.
- [Schaefer 14] Gerald Schaefer, Bartosz Krawczyk, Niraj Doshi & Tomoharu Nakashima. *Cost-Sensitive Texture Classification*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 105–108, Beijing, China, 6-11 July 2014.
- [Scheepers 14] Christiaan Scheepers & Andries Engelbrecht. *Competitive Coevolutionary Training of Simple Soccer Agents from Zero Knowledge*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1210–1217, Beijing, China, 6-11 July 2014.
- [Schlueter 14] Martin Schlueter & Masaharu Munetomo. *Parallelization for Space Trajectory Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 832–839, Beijing, China, 6-11 July 2014.
- [Segredo 14] Eduardo Segredo, Carlos Segura & Coromoto Leon. *Control of Numeric and Symbolic Parameters with a Hybrid Scheme Based on Fuzzy Logic and Hyper-heuristics*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1890–1897, Beijing, China, 6-11 July 2014.
- [Segura 14] Carlos Segura, Carlos A. Coello Coello, Eduardo Segredo & Coromoto Leon. *An Analysis of the Automatic Adaptation of the Crossover Rate in Differential Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 459–466, Beijing, China, 6-11 July 2014.
- [Sekanina 14] Lukas Sekanina, Ondrej Ptak & Zdenek Vasicek. *Cartesian Genetic Programming as Local Optimizer of Logic Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2901–2908, Beijing, China, 6-11 July 2014.
- [Sephton 14] Nicholas Sephton, Peter Cowling, Edward Powley, Daniel Whitehouse & Nicholas Slaven. *Parallelization of Information Set Monte Carlo Tree Search*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2290–2297, Beijing, China, 6-11 July 2014.
- [Shan 14] Hai Shan, Toshiyuki Yasuda & Kazuhiro Ohkura. *A Levy Flight-Based Hybrid Artificial Bee Colony Algorithm for Solving Numerical Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2656–2663, Beijing, China, 6-11 July 2014.

- [Shang-Chia 14] Wei Shang-Chia, Yeh Wei-Chang & Yen Tso-Jung. *Pareto Simplified Swarm Optimization for Grid-Computing Reliability and Service Makspan in Grid-RMS*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1593–1600, Beijing, China, 6–11 July 2014.
- [Shang 14] Ronghua Shang, Kun Zhang & Licheng Jiao. *A Novel Algorithm for Many-Objective Dimension Reductions: Pareto-PCA-NSGA-II*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1974–1981, Beijing, China, 6–11 July 2014.
- [Shao 14] Hang Shao, Rami Abielmona, Rafael Falcon & Nathalie Japkowicz. *Vessel Track Correlation and Association Using Fuzzy Logic and Echo State Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2322–2329, Beijing, China, 6–11 July 2014.
- [Shi 14] Zhe Shi, Yonggang Peng & Wei Wei. *Optimal Sizing of DGs and Storage for Microgrid with Interruptible Load Using Improved NSGA-II*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2108–2115, Beijing, China, 6–11 July 2014.
- [Shuai 14] Lan Shuai, Zhen Wang & Tao Gong. *Simulating the Coevolution of Language and Long-Term Memory*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1374–1381, Beijing, China, 6–11 July 2014.
- [Si 14] Chengyong Si, Jianqiang Shen, Xuan Zou, Lei Wang & Qidi Wu. *Mapping Constrained Optimization Problems to Penalty Parameters: An Empirical Study*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3073–3079, Beijing, China, 6–11 July 2014.
- [Silva 14] Edjalma Queiroz Silva, Celso Goncalves Camilo-Junior, Luiz Mario L. Pascoal & Thierson Couto Rosa. *An Evolutionary Approach for Combining Results of Recommender Systems Techniques Based on Collaborative Filtering*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 959–966, Beijing, China, 6–11 July 2014.
- [Singh 14a] Hemant Singh, Md. Asafuddoula & Tapabrata Ray. *Solving Problems with a Mix of Hard and Soft Constraints Using Modified Infeasibility Driven Evolutionary Algorithm (IDEA-M)*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 983–990, Beijing, China, 6–11 July 2014.
- [Singh 14b] Hemant Singh, Amitay Isaacs & Tapabrata Ray. *A Hybrid Surrogate Based Algorithm (HSBA) to Solve Computationally Expensive Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1069–1075, Beijing, China, 6–11 July 2014.
- [Singh 14c] Prashant Singh, Ivo Couckuyt, Francesco Ferranti & Tom Dhaene. *A Constrained Multi-Objective Surrogate-Based Optimization Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3080–3087, Beijing, China, 6–11 July 2014.
- [Sinha 14] Ankur Sinha, Pekka Malo & Kalyanmoy Deb. *An Improved Bilevel Evolutionary Algorithm Based on Quadratic Approximations*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1870–1877, Beijing, China, 6–11 July 2014.

- [Smith 14] Christopher Smith, John Doherty & Yaochu Jin. *Multi-Objective Evolutionary Recurrent Neural Network Ensemble for Prediction of Computational Fluid Dynamic Simulations*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2609–2616, Beijing, China, 6-11 July 2014.
- [Smullen 14] Daniel Smullen, Jonathan Gillett, Joseph Heron & Shahryar Rahnamayan. *Genetic Algorithm with Self-Adaptive Mutation Controlled by Chromosome Similarity*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 504–511, Beijing, China, 6-11 July 2014.
- [Soncco-Alvarez 14] Jose Luis Soncco-Alvarez & Mauricio Ayala-Rincon. *Memetic Algorithm for Sorting Unsigned Permutations by Reversals*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2770–2777, Beijing, China, 6-11 July 2014.
- [Song 14] Xiangjing Song, Junzhong Ji, Cuicui Yang & Xiuzhen Zhang. *Ant Colony Clustering Based on Sampling for Community Detection*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 687–692, Beijing, China, 6-11 July 2014.
- [Souza 14a] Luciano Souza, Ricardo Prudencio & Flavia Barros. *A Comparison Study of Binary Multi-Objective Particle Swarm Optimization Approaches for Test Case Selection*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2164–2171, Beijing, China, 6-11 July 2014.
- [Souza 14b] Thatiana Souza, Elizabeth Goldberg & Marco Goldberg. *An Experimental Analysis of Evolutionary Algorithms for the Three-Objective Oil Derivatives Distribution Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1982–1989, Beijing, China, 6-11 July 2014.
- [St-Pierre 14] David L. St-Pierre & Jialin Liu. *Differential Evolution Algorithm Applied to Non-Stationary Bandit Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2397–2403, Beijing, China, 6-11 July 2014.
- [Stanley 14] Samuel Stanley, Thomas Palazzolo & David Warnke. *Analyzing Prehistoric Hunter Behavior with Cultural Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2196–2205, Beijing, China, 6-11 July 2014.
- [Su 14] Yi-En Su & Tian-Li Yu. *Use Model Building on Discretization Algorithms for Discrete EDAs to Work on Real-Valued Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2491–2498, Beijing, China, 6-11 July 2014.
- [Sudo 14] Takahiko Sudo, Yusuke Nojima & Hisao Ishibuchi. *Effects of Ensemble Action Selection on the Evolution of Iterated Prisoner’s Dilemma Game Strategies*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1195–1201, Beijing, China, 6-11 July 2014.
- [Suzuki 14] Masaki Suzuki, Setsuo Tsuruta, Rainer Knauf & Yoshitaka Sakurai. *Knowledge Acquisition Issues for Intelligent Route Optimization by Evolutionary Computation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3252–3257, Beijing, China, 6-11 July 2014.

- [Tamura 14] Kenichi Tamura & Keiichiro Yasuda. *Primary Study on Feedback Controlled Differential Evolution*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 371–378, Beijing, China, 6-11 July 2014.
- [Tanabe 14] Ryoji Tanabe & Alex Fukunaga. *Improving the Search Performance of SHADE Using Linear Population Size Reduction*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1658–1665, Beijing, China, 6-11 July 2014.
- [Tang 14] Jiangjun Tang & Hussein A. Abbass. *Behavioral Learning of Aircraft Landing Sequencing Using a Society of Probabilistic Finite State Machines*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 610–617, Beijing, China, 6-11 July 2014.
- [Thanh 14] Binh Huynh Thi Thanh, Long Tran Van, Hoai Nguyen Xuan, Anh Nguyen Duc & Truong Pham Manh. *Reordering Dimensions for Radial Visualization of Multidimensional Data - A Genetic Algorithms Approach*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 951–958, Beijing, China, 6-11 July 2014.
- [Thompson 14] Jeffrey A. Thompson & Clare Bates Congdon. *GAMI-CRM: Using De Novo Motif Inference to Detect Cis-Regulatory Modules*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1022–1029, Beijing, China, 6-11 July 2014.
- [Triguero 14] Isaac Triguero, Daniel Peralta, Jaume Bacardit, Salvador Garcia & Francisco Herrera. *A Combined MapReduce-Windowing Two-Level Parallel Scheme for Evolutionary Prototype Generation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3036–3043, Beijing, China, 6-11 July 2014.
- [Tsai 14a] Pei-Chuan Tsai, Chih-Ming Chen & Ying ping Chen. *A Novel Evaluation Function for LT Codes Degree Distribution Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3030–3035, Beijing, China, 6-11 July 2014.
- [Tsai 14b] Pei-Chuan Tsai, Chih-Ming Chen & Ying ping Chen. *PSO-Based Evacuation Simulation Framework*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1944–1950, Beijing, China, 6-11 July 2014.
- [Tsang 14] Jeffrey Tsang. *The Structure of a Probabilistic 2-State Finite Transducer Representation for Prisoner’s Dilemma*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1202–1209, Beijing, China, 6-11 July 2014.
- [Tung 14] Hsiao-Yu Tung, Wei-Chiu Ma & Tian-Li Yu. *Novel Traffic Signal Timing Adjustment Strategy Based on Genetic Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2353–2360, Beijing, China, 6-11 July 2014.
- [Turky 14] Ayad Turkey & Salwani Abdullah. *Using Electromagnetic Algorithm for Tuning the Structure and Parameters of Neural Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 326–331, Beijing, China, 6-11 July 2014.
- [Vafaei 14] Fatemeh Vafaei, Gyorgy Turan, Peter Nelson & Tanya Berger-Wolf. *Balancing the Exploration and Exploitation in an Adaptive Diversity Guided Genetic Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2570–2577, Beijing, China, 6-11 July 2014.

- [Valsecchi 14] Andrea Valsecchi, Pablo Mesejo, Linda Marrakchi-Kacem, Stefano Cagnoni & Sergio Damas. *Automatic Evolutionary Medical Image Segmentation Using Deformable Models*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 97–104, Beijing, China, 6-11 July 2014.
- [vanden Broucke 14] Seppe vanden Broucke, Jan Vanthienen & Bart Baesens. *Declarative Process Discovery with Evolutionary Computing*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2412–2419, Beijing, China, 6-11 July 2014.
- [Varela 14] Gervasio Varela, Pilar Caamano, Felix Orjales, Alvaro Deibe, Fernando Lopez-Pena & Richard Duro. *Differential Evolution in Constrained Sampling Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2375–2382, Beijing, China, 6-11 July 2014.
- [Viegas 14] Joaquim Viegas, Susana Vieira, Joao Sousa & Elsa Henriques. *Metaheuristics for the 3D Bin Packing Problem in the Steel Industry*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 338–343, Beijing, China, 6-11 July 2014.
- [Wagner 14a] Markus Wagner. *Maximising Axiomatization Coverage and Minimizing Regression Testing Time*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2885–2892, Beijing, China, 6-11 July 2014.
- [Wagner 14b] Markus Wagner & Frank Neumann. *Single- and Multi-Objective Genetic Programming: New Runtime Results for SORTING*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 125–132, Beijing, China, 6-11 July 2014.
- [Wang 14a] Bo Wang, Hua Xu & Yuan Yuan. *Quantum-Inspired Evolutionary Algorithm with Linkage Learning*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2467–2474, Beijing, China, 6-11 July 2014.
- [Wang 14b] Fangxiao Wang, Yuan Gao & Zexuan Zhu. *Locality-Sensitive Hashing Based Multiobjective Memetic Algorithm for Dynamic Pickup and Delivery Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 661–666, Beijing, China, 6-11 July 2014.
- [Wang 14c] Lin Wang, Bo Yang, Yi Li & Na Zhang. *A Novel Improvement of Particle Swarm Optimization Using Dual Factors Strategy*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 183–189, Beijing, China, 6-11 July 2014.
- [Wang 14d] Qiao Wang, Hao Li, Maoguo Gong, Linzhi Su & Licheng Jiao. *A Multiobjective Optimization Method Based on MOEA/D and Fuzzy Clustering for Change Detection in SAR Images*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3024–3029, Beijing, China, 6-11 July 2014.
- [Wang 14e] Shanfeng Wang, Maoguo Gong, Lijia Ma, Qing Cai & Licheng Jiao. *Decomposition Based Multiobjective Evolutionary Algorithm for Collaborative Filtering Recommender Systems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 672–679, Beijing, China, 6-11 July 2014.

- [Wang 14f] Shengli Wang, Xingquan Zuo & Xinchao Zhao. *Solving Dynamic Double-Row Layout Problem via an Improved Simulated Annealing Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1299–1304, Beijing, China, 6-11 July 2014.
- [Wang 14g] Shih-Ming Wang, Yu-Fan Tung & Tian-Li Yu. *Investigation on Efficiency of Optimal Mixing on Various Linkage Sets*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2475–2482, Beijing, China, 6-11 July 2014.
- [Wang 14h] Sunrise Wang, James Gain & Geoff Nitschke. *Comparing Crossover Operators in Neuro-Evolution with Crowd Simulations*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2298–2305, Beijing, China, 6-11 July 2014.
- [Wang 14i] Xiaoguang Wang, Xuan Liu, Nathalie Japkowicz & Stan Matwin. *Automatic Target Recognition Using Multiple-Aspect Sonar Images*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2330–2337, Beijing, China, 6-11 July 2014.
- [Wang 14j] Yifei Wang & Jihao Yin. *Intelligent Search Optimized Edge Potential Function (EPF) Approach to Synthetic Aperture Radar (SAR) Scene Matching*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2124–2131, Beijing, China, 6-11 July 2014.
- [Wang 14k] Zhao Wang, Maoguo Gong, Qing Cai, Lijia Ma & Licheng Jiao. *Deployment Optimization of Near Space Airships Based on MOEA/D with Local Search*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2345–2352, Beijing, China, 6-11 July 2014.
- [Wang 14l] Zhenkun Wang, Qingfu Zhang, Maoguo Gong & Aimin Zhou. *A Replacement Strategy for Balancing Convergence and Diversity in MOEA/D*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2132–2139, Beijing, China, 6-11 July 2014.
- [Watanabe 14a] Shinya Watanabe, Yuta Chiba & Masahiro Kanazaki. *A Proposal on Analysis Support System Based on Association Rule Analysis for Non-Dominated Solutions*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 880–887, Beijing, China, 6-11 July 2014.
- [Watanabe 14b] Takeshi Watanabe, Tomoaki Tatsukawa, Antonio Lopez Jaimes, Hikaru Aono, Taku Nonomura, Akira Oyama & Kozo Fujii. *Many-Objective Evolutionary Computation for Optimization of Separated-Flow Control Using a DBD Plasma Actuator*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2849–2854, Beijing, China, 6-11 July 2014.
- [wei Zheng 14] Xiang wei Zheng, Dian jie Lu & Zhen hua Chen. *A Self-Adaptive Group Search Optimizer with Elitist Strategy*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2033–2039, Beijing, China, 6-11 July 2014.
- [Wei 14a] Fei Wei, Yuping Wang & Tingting Zong. *Variable Grouping Based Differential Evolution Using an Auxiliary Function for Large Scale Global Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1293–1298, Beijing, China, 6-11 July 2014.
- [Wei 14b] Kuai Wei & Michael J. Dinneen. *Hybridizing the Dynamic Mutation Approach with Local Searches to Overcome Local Optima*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 74–81, Beijing, China, 6-11 July 2014.

- [Wei 14c] Kuai Wei & Michael J. Dinneen. *Runtime Comparison of Two Fitness Functions on a Memetic Algorithm for the Clique Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 133–140, Beijing, China, 6–11 July 2014.
- [Weise 14] Thomas Weise, Mingxu Wan, Ke Tang & Xin Yao. *Evolving Exact Integer Algorithms with Genetic Programming*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1816–1823, Beijing, China, 6–11 July 2014.
- [Weiszner 14] Michal Weiszner, Jun Chen, Stefan Ravizza, Jason Atkin & Paul Stewart. *A Heuristic Approach to Greener Airport Ground Movement*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3280–3286, Beijing, China, 6–11 July 2014.
- [Wesolkowski 14] Slawomir Wesolkowski, Nevena Francetic & Stuart Grant. *TraDE: Training Device Selection Via Multi-Objective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2617–2624, Beijing, China, 6–11 July 2014.
- [Wong 14] Pak-Kan Wong, Leung-Yau Lo, Man-Leung Wong & Kwong-Sak Leung. *Grammar Based Genetic Programming with Bayesian Network*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 739–746, Beijing, China, 6–11 July 2014.
- [Wu 14a] Chia-Lin Wu, Chien-Hung Liu & Chuan-Kang Ting. *A Novel Genetic Algorithm Considering Measures and Phrases for Generating Melody*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2101–2107, Beijing, China, 6–11 July 2014.
- [Wu 14b] Chung-Wei Wu, Tsung-Che Chiang & Li-Chen Fu. *An Ant Colony Optimization Algorithm for Multi-Objective Clustering in Mobile Ad Hoc Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2963–2968, Beijing, China, 6–11 July 2014.
- [Wu 14c] Husheng Wu, Fengming Zhang & Lushan Wu. *An Uncultivated Wolf Pack Algorithm for High-Dimensional Functions and Its Application in Parameters Optimization of PID Controller*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1477–1482, Beijing, China, 6–11 July 2014.
- [Wu 14d] Jianshe Wu, Lin Yuan, Qingliang Gong, Wenping Ma, Jingjing Ma & Yangyang Li. *A Compression Optimization Algorithm for Community Detection*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 667–671, Beijing, China, 6–11 July 2014.
- [Wu 14e] Mengyuan Wu, Ammar Karkar, Bo Liu, Alex Yakovlev & Georges Gielen. *Network on Chip Optimization Based on Surrogate Model Assisted Evolutionary Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3266–3271, Beijing, China, 6–11 July 2014.
- [Wu 14f] Nuosi Wu, Zexuan Zhu & Zhen Ji. *A Growing Partitional Clustering Based on Particle Swarm Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 229–234, Beijing, China, 6–11 July 2014.
- [Wu 14g] Shao-You Wu & Jing-Sin Liu. *Evolutionary Path Planning of a Data Mule in Wireless Sensor Network by Using Shortcuts*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2708–2715, Beijing, China, 6–11 July 2014.

- [Wu 14h] Zijun Wu & Michael Kolonko. *Absorption in Model-Based Search Algorithms for Combinatorial Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1744–1751, Beijing, China, 6-11 July 2014.
- [Xiang 14] Tao Xiang, Weimin Zhang & Fei Chen. *A Verifiable PSO Algorithm in Cloud Computing*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 190–193, Beijing, China, 6-11 July 2014.
- [Xiao 14] Yang Xiao, Martin Trefzer, James Walker, Simon Bale & Andy Tyrrell. *Two Step Evolution Strategy for Device Motif BSIM Model Parameter Extraction*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2877–2884, Beijing, China, 6-11 July 2014.
- [Xie 14a] Cheng Xie & Lin Shang. *Anomaly Detection in Crowded Scenes Using Genetic Programming*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1832–1839, Beijing, China, 6-11 July 2014.
- [Xie 14b] Feng Xie, Andy Song & Vic Ciesielski. *Genetic Programming Based Activity Recognition on a Smartphone Sensory Data Benchmark*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2917–2924, Beijing, China, 6-11 July 2014.
- [Xie 14c] Jing Xie, Yi Mei, Andreas Ernst, Xiaodong Li & Andy Song. *A Genetic Programming-Based Hyper-heuristic Approach for Storage Location Assignment Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3000–3007, Beijing, China, 6-11 July 2014.
- [Xu 14a] Changjian Xu, Han Huang & ShuJin Ye. *A Differential Evolution with Replacement Strategy for Real-Parameter Numerical Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1617–1624, Beijing, China, 6-11 July 2014.
- [Xu 14b] Jun Xu, Xiangming Xi & Shuning Wang. *Optimization Based on Adaptive Hinging Hyperplanes and Genetic Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2040–2046, Beijing, China, 6-11 July 2014.
- [Xu 14c] Xiaohua Xu, Lin Lu, Ping He, Jie Ding & Yongsheng Ju. *Evolutionary Semi-Supervised Learning with Swarm Intelligence*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1343–1350, Beijing, China, 6-11 July 2014.
- [Xu 14d] Xiaoyong Xu & Maolin Tang. *A New Grouping Genetic Algorithm for the MapReduce Placement Problem in Cloud Computing*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1601–1608, Beijing, China, 6-11 July 2014.
- [Xue 14] Bing Xue, A. K. Qin & Mengjie Zhang. *An Archive Based Particle Swarm Optimisation for Feature Selection in Classification*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3119–3126, Beijing, China, 6-11 July 2014.
- [Yan 14] Ping Yan & Minghai Jiao. *A Chaotic Particle Swarm Optimization Algorithm for the Jobshop Scheduling Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 218–222, Beijing, China, 6-11 July 2014.

- [Yang 14a] Meng Yang, Rui Li & Tianguang Chu. *A New Method and Application for Controlling the Steady-State Probability Distributions of Probabilistic Boolean Networks*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1490–1495, Beijing, China, 6-11 July 2014.
- [Yang 14b] Ming Yang, Zhihua Cai, Changhe Li & Jing Guan. *An Improved JADE Algorithm for Global Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 806–812, Beijing, China, 6-11 July 2014.
- [Yang 14c] Peng Yang, Ke Tang & Jose Antonio Lozano. *Estimation of Distribution Algorithms Based Unmanned Aerial Vehicle Path Planner Using a New Coordinate*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1469–1476, Beijing, China, 6-11 July 2014.
- [Yang 14d] Zhile Yang, Kang Li, Aoife Foley & Cheng Zhang. *A New Self-Learning TLBO Algorithm for RBF Neural Modelling of Batteries in Electric Vehicles*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2685–2691, Beijing, China, 6-11 July 2014.
- [Ye 14] Sishi Ye, Guangming Dai & Lei Peng. *A Hybrid Adaptive Coevolutionary Differential Evolution Algorithm for Large-Scale Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1277–1284, Beijing, China, 6-11 July 2014.
- [Yexing 14] Li Yexing, Cai Xinye, Fan Zhun & Zhang Qingfu. *An External Archive Guided Multiobjective Evolutionary Approach Based on Decomposition for Continuous Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1124–1130, Beijing, China, 6-11 July 2014.
- [Yoshida 14] Toru Yoshida & Tomohiro Yoshikawa. *A Study on Non-Correspondence in Spread between Objective Space and Design Variable Space for Trajectory Designing Optimization Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2444–2450, Beijing, China, 6-11 July 2014.
- [yu Du 14] Ming yu Du, Xiu juan Lei & Zhen qiang Wu. *A Simplified Glowworm Swarm Optimization Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2861–2868, Beijing, China, 6-11 July 2014.
- [yu Zheng 14] Huan yu Zheng, Ling Wang & Sheng yao Wang. *A Co-Evolutionary Teaching-Learning-Based Optimization Algorithm for Stochastic RCPSP*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 587–594, Beijing, China, 6-11 July 2014.
- [Yu 14a] Chao Yu, Lingchen Kelley, Shaoqiu Zheng & Ying Tan. *Fireworks Algorithm with Differential Mutation for Solving the CEC 2014 Competition Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3238–3245, Beijing, China, 6-11 July 2014.
- [Yu 14b] James J.Q. Yu, Albert Y.S. Lam & Victor O.K. Li. *Chemical Reaction Optimization for the Set Covering Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 512–519, Beijing, China, 6-11 July 2014.

- [Yu 14c] James J.Q. Yu & Victor O.K. Li. *Base Station Switching Problem for Green Cellular Networks with Social Spider Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2338–2344, Beijing, China, 6–11 July 2014.
- [Yu 14d] James J.Q. Yu, Victor O.K. Li & Albert Y.S. Lam. *An Inter-Molecular Adaptive Collision Scheme for Chemical Reaction Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1998–2004, Beijing, China, 6–11 July 2014.
- [Yu 14e] Jyh-Cheng Yu & Zhi-Fu Liang. *Evolutionary Regional Network Modeling for Efficient Engineering Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1258–1264, Beijing, China, 6–11 July 2014.
- [Yu 14f] Meng Yu, Xingquan Zuo & Chase C. Murray. *A Tabu Search Heuristic for the Single Row Layout Problem with Shared Clearances*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 819–825, Beijing, China, 6–11 July 2014.
- [Yu 14g] Wenchao Yu & Linji Lu. *A Route Planning Strategy for the Automatic Garment Cutter Based on Genetic Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 379–386, Beijing, China, 6–11 July 2014.
- [Yu 14h] Yang Yu, Hui Ma & Mengjie Zhang. *A Genetic Programming Approach to Distributed QoS-Aware Web Service Composition*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1840–1846, Beijing, China, 6–11 July 2014.
- [Yu 14i] Yang Yu & Hong Qian. *The Sampling-and-Learning Framework: A Statistical View of Evolutionary Algorithms*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 149–158, Beijing, China, 6–11 July 2014.
- [Yuan 14] Zang Yuan, Yingwu Chen & Renjie He. *Agile Earth Observing Satellites Mission Planning Using Genetic Algorithm Based on High Quality Initial Solutions*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 603–609, Beijing, China, 6–11 July 2014.
- [Yue 14] Chen Yue, Zhu Zexuan & Ji Zhen. *Feature Extraction Based on Trimmed Complex Network Representation for Metabolomic Data Classification*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 366–370, Beijing, China, 6–11 July 2014.
- [Yuen 14] Shiu Yin Yuen & Xin Zhang. *Multiobjective Evolutionary Algorithm Portfolio: Choosing Suitable Algorithm for Multiobjective Optimization Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1967–1973, Beijing, China, 6–11 July 2014.
- [Yusoh 14] Zeratul Mohd Yusoh & Maolin Tang. *Composite SaaS Scaling in Cloud Computing Using a Hybrid Genetic Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1609–1616, Beijing, China, 6–11 July 2014.
- [Yuwono 14] Mitchell Yuwono, Steven W. Su, Bruce D. Moulton, Ying Guo & Hung T. Nguyen. *An Algorithm for Scalable Clustering: Ensemble Rapid Centroid Estimation*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1250–1257, Beijing, China, 6–11 July 2014.

- [Zan 14] Drahoslav Zan & Jiri Jaros. *Solving the Multidimensional Knapsack Problem Using a CUDA Accelerated PSO*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2933–2939, Beijing, China, 6-11 July 2014.
- [Zeng 14] Yujiao Zeng & Yanguang Sun. *Comparison of Multiobjective Particle Swarm Optimization and Evolutionary Algorithms for Optimal Reactive Power Dispatch Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 258–265, Beijing, China, 6-11 July 2014.
- [Zhan 14] Zhi-Hui Zhan & Jun Zhang. *Adaptive Particle Swarm Optimization with Variable Relocation for Dynamic Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1565–1570, Beijing, China, 6-11 July 2014.
- [Zhang 14a] Bei Zhang, Min-Xia Zhang & Yu-Jun Zheng. *A Hybrid Biogeography-Based Optimization and Fireworks Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3200–3206, Beijing, China, 6-11 July 2014.
- [Zhang 14b] Biao Zhang, Jun hua Duan, Hong yan Sang, Jun qing Li & Hui Yan. *A New Penalty Function Method for Constrained Optimization Using Harmony Search Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 853–859, Beijing, China, 6-11 July 2014.
- [Zhang 14c] Bin Zhang, Kamran Shafi & Hussein Abbass. *Online Knowledge-Based Evolutionary Multi-Objective Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2222–2229, Beijing, China, 6-11 July 2014.
- [Zhang 14d] Geng Zhang & Yangmin Li. *Cooperative Particle Swarm Optimizer with Elimination Mechanism for Global Optimization of Multimodal Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 210–217, Beijing, China, 6-11 July 2014.
- [Zhang 14e] Hu Zhang, Shenmin Song, Aimin Zhou & Xiao-Zhi Gao. *A Clustering Based Multiobjective Evolutionary Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 723–730, Beijing, China, 6-11 July 2014.
- [Zhang 14f] Jianlei Zhang, Chunyan Zhang, Tianguang Chu & Ming Cao. *Cooperation with Potential Leaders in Evolutionary Game Study of Networking Agents*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 918–923, Beijing, China, 6-11 July 2014.
- [Zhang 14g] Jin Zhang & Dietmar Maringer. *Two Parameter Update Schemes for Recurrent Reinforcement Learning*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1449–1453, Beijing, China, 6-11 July 2014.
- [Zhang 14h] Junqi Zhang, Xiong Zhu, Wei Wang & Jing Yao. *A Fast Restarting Particle Swarm Optimizer*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1351–1358, Beijing, China, 6-11 July 2014.
- [Zhang 14i] Kai Zhang, Thomas Weise & Jinlong Li. *Fitness Level Based Adaptive Operator Selection for Cutting Stock Problems with Contiguity*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2539–2546, Beijing, China, 6-11 July 2014.

- [Zhang 14j] Lifeng Zhang & Rong He. *A Globally Diversified Island Model PGA for Multimodal Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2553–2561, Beijing, China, 6-11 July 2014.
- [Zhang 14k] Wei Zhang, Yanan Gao & Chengxing Zhang. *The Enhanced Vector of Convergence for Particle Swarm Optimization Based on Constrict Factor*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1337–1342, Beijing, China, 6-11 July 2014.
- [Zhang 14l] Yuzhen Zhang, Guangming Dai, Lei Peng & Maocai Wang. *HMOEDA_LLE: A Hybrid Multi-Objective Estimation of Distribution Algorithm Combining Locally Linear Embedding*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 707–714, Beijing, China, 6-11 July 2014.
- [Zheng 14a] Shaoqiu Zheng, Andreas Janeczek, Junzhi Li & Ying Tan. *Dynamic Search in Fireworks Algorithm*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 3222–3229, Beijing, China, 6-11 July 2014.
- [Zheng 14b] Xiaolong Zheng, Ling Wang & Shengyao Wang. *An Enhanced Non-Dominated Sorting Based Fruit Fly Optimization Algorithm for Solving Environmental Economic Dispatch Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 626–633, Beijing, China, 6-11 July 2014.
- [Zheng 14c] Yu-Jun Zheng, Bei Zhang & Zhen Cheng. *Hyper-Heuristics with Penalty Parameter Adaptation for Constrained Optimization*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 1883–1889, Beijing, China, 6-11 July 2014.
- [Zheng 14d] Zhongyang Zheng, Junzhi Li, Jie Li & Ying Tan. *Avoiding Decoys in Multiple Targets Searching Problems Using Swarm Robotics*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 784–791, Beijing, China, 6-11 July 2014.
- [Zhou 14] Xing Zhou, Wei Peng & Bo Yang. *GEAS: A GA-ES-Mixed Algorithm for Parameterized Optimization Problems - Using CLS Problem as an Example*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 888–894, Beijing, China, 6-11 July 2014.
- [Zhu 14a] Ling Zhu, Kalyanmoy Deb & Sandeep Kulkarni. *Multi-Scenario Optimization Using Multi-Criterion Methods: A Case Study on Byzantine Agreement Problem*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2601–2608, Beijing, China, 6-11 July 2014.
- [Zhu 14b] Tao Zhu, Wenjian Luo & Lihua Yue. *Combining Multipopulation Evolutionary Algorithms with Memory for Dynamic Optimization Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2047–2054, Beijing, China, 6-11 July 2014.
- [Zhu 14c] Xuezhi Zhu, Wenjian Luo & Tao Zhu. *An Improved Genetic Algorithm for Dynamic Shortest Path Problems*. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 2093–2100, Beijing, China, 6-11 July 2014.
- [Zong 14] Xinlu Zong, Shengwu Xiong, Hui Xu & Pengfei Duan. *Space-Time Simulation Model Based on Particle Swarm Optimization Algorithm for*

Stadium Evacuation. In Carlos A. Coello Coello, editeur, Proceedings of the 2014 IEEE Congress on Evolutionary Computation, pages 194–201, Beijing, China, 6–11 July 2014.