

Список литературы

- [Aalto & Lampinen(2014)] Aalto J, Lampinen J, 2014 “A mutation and crossover adaptation mechanism for differential evolution algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Abdul et al.(2014)Abdul, Xiaoying, & Peter] Abdul W, Xiaoying G, Peter A, 2014 “Multi-view clustering of web documents using multi-objective genetic algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Acampora et al.(2014)Acampora, Ishibuchi, & Vitiello] Acampora G, Ishibuchi H, Vitiello A, 2014 “A comparison of multi-objective evolutionary algorithms for the ontology meta-matching problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Adriaensen et al.(2014)Adriaensen, Brys, & Nowe] Adriaensen S, Brys T, Nowe A, 2014 “Designing reusable metaheuristic methods: A semi-automated approach” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Agapitos et al.(2014)Agapitos, O'Neill, & Brabazon] Agapitos A, O'Neill M, Brabazon A, 2014 “Ensemble Bayesian model averaging in genetic programming” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ahmed et al.(2014)Ahmed, Zhang, & Peng] Ahmed S, Zhang M, Peng L, 2014 “A new GP-based wrapper feature construction approach to classification and biomarker identification” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Akhmedova & Semenkin(2014)] Akhmedova S, Semenkin E, 2014 “Co-operation of biology related algorithms meta-heuristic in ANN-based classifiers design” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Alam et al.(2014a)Alam, Ray, & Anavatti] Alam K, Ray T, Anavatti S G, 2014a “Practical application of an evolutionary algorithm for the design and construction of a six-inch submarine” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Alam et al.(2014b)Alam, Dobbie, Koh, & Riddle] Alam S, Dobbie G, Koh Y S, Riddle P, 2014b “Web bots detection using particle swarm optimization based clustering” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Alanazi & Lehre(2014)] Alanazi F, Lehre P K, 2014 “Runtime analysis of selection hyper-heuristics with classical learning mechanisms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Albukhanajer et al.(2014)Albukhanajer, Jin, & Briffa] Albukhanajer W A, Jin Y, Briffa J A, 2014 “Neural network ensembles for image identification using Pareto-optimal features” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Alhindi & Zhang(2014)] Alhindi A, Zhang Q, 2014 “MOEA/D with tabu search for multiobjective permutation flow shop scheduling problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ali et al.(2014)Ali, Morghem, AlBadarneh, Al-Gharaibeh, Suganthan, & Reynolds] Ali M, Morghem A, AlBadarneh J, Al-Gharaibeh R, Suganthan P, Reynolds R, 2014 “Cultural algorithms applied to the evolution of robotic soccer team tactics: A novel perspective” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Alicino & Vasile(2014)] Alicino S, Vasile M, 2014 “An evolutionary approach to the solution of multi-objective min-max problems in evidence-based robust optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Alvares et al.(2014)Alvares, Buarque, & Marwala] Alvares M, Buarque F, Marwala T, 2014 “Application of computational intelligence for source code classification” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ameca-Alducin et al.(2014)Ameca-Alducin, Mezura-Montes, & Cruz-Ramirez] Ameca-Alducin M Y, Mezura-Montes E, Cruz-Ramirez N, 2014 “Differential evolution with combined variants for dynamic constrained optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ameerudden & Rughooputh(2014)] Ameerudden M R, Rughooputh H, 2014 “Smart hybrid genetic algorithms in the bandwidth optimization of a PIFA antenna” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Amin et al.(2014)Amin, Tang, Ellejmi, Kirby, & Abbass] Amin R, Tang J, Ellejmi M, Kirby S, Abbass H A, 2014 “Trading-off simulation fidelity and optimization accuracy in air-traffic experiments using differential evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Angelo et al.(2014)Angelo, Krempser, & Barbosa] Angelo J, Krempser E, Barbosa H, 2014 “Differential evolution assisted by a surrogate model for bilevel programming problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Arana-Daniel et al.(2014)Arana-Daniel, Gallegos, Lopez-Franco, & Alanis] Arana-Daniel N, Gallegos A A, Lopez-Franco C, Alanis A Y, 2014 “Smooth global and local path planning for mobile robot using particle swarm optimization, radial basis functions, splines and Bezier curves” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ashlock & Hingston(2014)] Ashlock D, Hingston P, 2014 “*Tego - a framework for adversarial planning” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Azzouz et al.(2014)Azzouz, Bechikh, & Said] Azzouz R, Bechikh S, Said L B, 2014 “A multiple reference point-based evolutionary algorithm for dynamic multi-objective optimization with undetectable changes” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bandaru et al.(2014)Bandaru, Ng, & Deb] Bandaru S, Ng A, Deb K, 2014 “On the performance of classification algorithms for learning Pareto-dominance relations” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bello-Orgaz & Camacho(2014)] Bello-Orgaz G, Camacho D, 2014 “Evolutionary clustering algorithm for community detection using graph-based information” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bennett et al.(2014)Bennett, Nguyen, & Zhang] Bennett S, Nguyen S, Zhang M, 2014 “A hybrid discrete particle swarm optimisation method for grid computation scheduling” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bidlo(2014)] Bidlo M, 2014 “Evolving multiplication as emergent behavior in cellular automata using conditionally matching rules” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Biswas et al.(2014a)Biswas, Das, Suganthan, & Coello] Biswas S, Das S, Suganthan P N, Coello C A C, 2014a “Evolutionary multiobjective optimization in dynamic environments: A set of novel benchmark functions” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Biswas et al.(2014b)Biswas, Eita, Das, & Vasilakos] Biswas S, Eita M A, Das S, Vasilakos A V, 2014b “Evaluating the performance of group counseling optimizer on CEC 2014 problems for computational expensive optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bolufe-Rohler & Chen(2014)] Bolufe-Rohler A, Chen S, 2014 “Extending minimum population search towards large scale global optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bouaziz et al.(2014)Bouaziz, Alimi, & Abraham] Bouaziz S, Alimi A M, Abraham A, 2014 “PSO-based update memory for improved harmony search algorithm to the evolution of FBBFNT’ parameters” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bourennani et al.(2014)Bourennani, Rahnamayan, & Naterer] Bourennani F, Rahnamayan S, Naterer G F, 2014 “Multi-objective differential evolution with leadership enhancement (MODEL)” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Brands et al.(2014)Brands, Wismans, & van Berkum] Brands T, Wismans L, van Berkum E, 2014 “Multi-objective transportation network design: Accelerating search by applying e-NSGAII” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Brent et al.(2014)Brent, Thiruvady, Gomez-Iglesias, & Garcia-Flores] Brent O, Thiruvady D, Gomez-Iglesias A, Garcia-Flores R, 2014 “A parallel Lagrangian-ACO heuristic for project scheduling” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bu et al.(2014)Bu, Luo, & Zhu] Bu C, Luo W, Zhu T, 2014 “Differential evolution with a species-based repair strategy for constrained optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Buck et al.(2014)Buck, Banerjee, & Keller] Buck A, Banerjee T, Keller J, 2014 “Evolving a fuzzy goal-driven strategy for the game of Geister” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bujok et al.(2014)Bujok, Tvrdik, & Polakova] Bujok P, Tvrdik J, Polakova R, 2014 “Differential evolution with rotation-invariant mutation and competing-strategies adaptation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Bulut & Tasgetiren(2014)] Bulut O, Tasgetiren M F, 2014 “A discrete artificial bee colony algorithm for the economic lot scheduling problem with returns” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Burattin et al.(2014)Burattin, Sperduti, & van der Aalst] Burattin A, Sperduti A, van der Aalst W M P, 2014 “Control-flow discovery from event streams” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Burman et al.(2014)Burman, Das, Haque, Vasilakos, & Chakraborti] Burman R, Das S, Haque Z, Vasilakos A V, Chakraborti S, 2014 “The monarchy driven optimization algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Byrne et al.(2014)Byrne, Nicolau, Brabazon, & O’Neill] Byrne J, Nicolau M, Brabazon A, O’Neill M, 2014 “An examination of synchronisation in artificial gene regulatory networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Cai & Du(2014)] Cai Y, Du J, 2014 “Enhanced differential evolution with adaptive direction information” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Cai et al.(2014)Cai, Wen, & Liu] Cai Z, Wen S, Liu L, 2014 “Distributed wireless sensor scheduling for multi-target tracking based on matrix-coded parallel genetic algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Campbell et al.(2014)Campbell, Ciesielski, & Trist] Campbell A, Ciesielski V, Trist K, 2014 “A self organising map based method for understanding features associated with high aesthetic value evolved abstract images” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Campos & Krohling(2014)] Campos M, Krohling R, 2014 “Bare bones particle swarm with scale mixtures of Gaussians for dynamic constrained optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Carvalho & Fernandes(2014)] Carvalho L, Fernandes M, 2014 “Multi-objective flexible job-shop scheduling problem with DIPSO: More diversity, greater efficiency” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ceberio et al.(2014)Ceberio, Irurozki, Mendiburu, & Lozano] Ceberio J, Irurozki E, Mendiburu A, Lozano J A, 2014 “Extending distance-based ranking models in estimation of distribution algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chaman-Garcia et al.(2014)Chaman-Garcia, Coello, & Arias-Montano] Chaman-Garcia I, Coello C C, Arias-Montano A, 2014 “MOPSOhv: A new hypervolume-based multi-objective particle swarm optimizer” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chan et al.(2014)Chan, Rajakaruna, Rathnayake, & Murray] Chan K Y, Rajakaruna N, Rathnayake C, Murray I, 2014 “Image deblurring using a hybrid optimization algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chang & He(2014)] Chang P C, He X, 2014 “Macroscopic indeterminacy swarm optimization (MISO) algorithm for real-parameter search” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chatbri et al.(2014)Chatbri, Kwan, & Kameyama] Chatbri H, Kwan P, Kameyama K, 2014 “A modular approach for query spotting in document images and its optimization using genetic algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Che & Reynolds(2014)] Che X, Reynolds R, 2014 “A social metrics based process model on complex social system” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chen et al.(2014a)Chen, Luo, & Zhu] Chen G, Luo W, Zhu T, 2014a “Evolutionary clustering with differential evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chen et al.(2014b)Chen, Liu, Zheng, & Xie] Chen L, Liu H L, Zheng Z, Xie S, 2014b “A evolutionary algorithm based on covariance matrix learning and searching preference for solving CEC 2014 benchmark problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chen et al.(2014c)Chen, Zeng, Zeng, Li, & Luo] Chen M R, Zeng W, Zeng G Q, Li X, Luo J P, 2014c “A novel artificial bee colony algorithm with integration of extremal optimization for numerical optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Chen & Chiang(2014)] Chen S W, Chiang T C, 2014 “Evolutionary many-objective optimization by MO-NSGA-II with enhanced mating selection” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chen et al.(2014d)Chen, Shang, & Xu] Chen Y, Shang Y, Xu D, 2014d “Multi-dimensional scaling and MODELLER-based evolutionary algorithms for protein model refinement” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Cheng et al.(2014a)Cheng, Pan, & Lin] Cheng P, Pan J S, Lin C W, 2014a “Use EMO to protect sensitive knowledge in association rule mining by removing items” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Cheng & Jin(2014)] Cheng R, Jin Y, 2014 “Demonstrator selection in a social learning particle swarm optimizer” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Cheng et al.(2014b)Cheng, Shi, Qin, Ting, & Bai] Cheng S, Shi Y, Qin Q, Ting T O, Bai R, 2014b “Maintaining population diversity in brain storm optimization algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chotard et al.(2014)Chotard, Auger, & Hansen] Chotard A, Auger A, Hansen N, 2014 “Markov chain analysis of evolution strategies on a linear constraint optimization problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chou et al.(2014)Chou, Chia-Ling, & Chang] Chou C H, Chia-Ling H, Chang P C, 2014 “A RFID network design methodology for decision problem in health care” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chow & Yuen(2014)] Chow C K, Yuen S Y, 2014 “A dynamic history-driven evolutionary algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Chowdhury et al.(2014)Chowdhury, Rakshit, Konar, & Nagar] Chowdhury A, Rakshit P, Konar A, Nagar A, 2014 “A modified bat algorithm to predict protein-protein interaction network” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Cleghorn & Engelbrecht(2014)] Cleghorn C, Engelbrecht A, 2014 “Particle swarm convergence: An empirical investigation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Cooper et al.(2014)Cooper, John, Lewis, Olden, & Mumford] Cooper I, John M, Lewis R, Olden A, Mumford C, 2014 “Optimising large scale public transport network design problems using mixed-mode parallel multi-objective evolutionary algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Cota et al.(2014)Cota, Haddad, Souza, & Coelho] Cota L P, Haddad M N, Souza M J F, Coelho V N, 2014 “AIRP: A heuristic algorithm for solving the unrelated parallel machine scheduling problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Cui et al.(2014)Cui, Cheng, & Bai] Cui T, Cheng S, Bai R, 2014 “A combinatorial algorithm for the cardinality constrained portfolio optimization problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [da Silva et al.(2014)da Silva, Ma, & Zhang] da Silva A S, Ma H, Zhang M, 2014 “A graph-based particle swarm optimisation approach to QoS-aware web service composition and selection” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Datta et al.(2014)] Datta, Rakshit, Konar, & Nagar] Datta S, Rakshit P, Konar A, Nagar A K, 2014 “Selecting the optimal EEG electrode positions for a cognitive task using an artificial bee colony with adaptive scale factor optimization algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Davendra et al.(2014)] Davendra, Senkerik, Zelinka, & Pluhacek] Davendra D, Senkerik R, Zelinka I, Pluhacek M, 2014 “Scatter search algorithm with chaos based stochasticity” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Davila(2014)] Davila J, 2014 “Genotype coding, diversity, and dynamic environments: A study on an evolutionary neural network multi-agent system” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Dawson & Stewart(2014)] Dawson L, Stewart I, 2014 “Accelerating ant colony optimization-based edge detection on the GPU using CUDA” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [de Vega et al.(2014)] de Vega, Garcia-Valdez, Navarro, Cruz, Hernandez, Gallego, & Albarran] de Vega F F, Garcia-Valdez M, Navarro L, Cruz C, Hernandez P, Gallego T, Albarran J V, 2014 “When artists met Evospace-i” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Debie et al.(2014)] Debie, Shafi, Merrick, & Lokan] Debie E, Shafi K, Merrick K, Lokan C, 2014 “An online evolutionary rule learning algorithm with incremental attribute discretization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Dhebar et al.(2014)] Dhebar, Deb, & Bandaru] Dhebar Y, Deb K, Bandaru S, 2014 “Non-uniform mapping in real-coded genetic algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Dick & Yao(2014)] Dick G, Yao X, 2014 “Model representation and cooperative coevolution for finite-state machine evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ding et al.(2014a)] Ding, Chen, Xie, Chai, & Zheng] Ding J, Chen L, Xie Q, Chai T, Zheng X, 2014a “Effect of pseudo gradient on differential evolutionary for global numerical optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ding et al.(2014b)] Ding, Song, Zhang, & Wu] Ding J, Song S, Zhang R, Wu C, 2014b “Minimizing makespan for a no-wait flowshop using tabu mechanism improved iterated greedy algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ding & Tan(2014)] Ding K, Tan Y, 2014 “Comparison of random number generators in particle swarm optimization algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Dong et al.(2014)] Dong, Tian, Tang, Sheng, & Liu] Dong W, Tian J, Tang X, Sheng K, Liu J, 2014 “Autonomous learning adaptation for particle swarm optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Dong & Zeng(2014)] Dong W, Zeng S, 2014 “Linear sparse arrays designed by dynamic constrained multi-objective evolutionary algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Donne et al.(2014)] Donne, Nicolau, Bean, & O'Neill] Donne S, Nicolau M, Bean C, O'Neill M, 2014 “Wave height quantification using land based seismic data with grammatical evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Dornberger et al.(2014)Dornberger, Hanne, Ryter, & Michael] Dornberger R, Hanne T, Ryter R, Michael S, 2014 “Optimization of the picking sequence of an automated storage and retrieval system (AS/RS)” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Du & Chang(2014)] Du X, Chang X, 2014 “Performance of AI algorithms for mining meaningful roles” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Duan et al.(2014)Duan, Xiong, Hu, Chen, & Zhong] Duan P, Xiong S, Hu Z, Chen Q, Zhong X, 2014 “Multi-objective optimization model based on steady degree for teaching building evacuation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Elsayed et al.(2014a)Elsayed, Ray, & Sarker] Elsayed S, Ray T, Sarker R, 2014a “A surrogate-assisted differential evolution algorithm with dynamic parameters selection for solving expensive optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Elsayed et al.(2014b)Elsayed, Sarker, & Essam] Elsayed S, Sarker R, Essam D, 2014b “United multi-operator evolutionary algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Elsayed et al.(2014c)Elsayed, Sarker, Essam, & Hamza] Elsayed S, Sarker R, Essam D, Hamza N, 2014c “Testing united multi-operator evolutionary algorithms on the CEC2014 real-parameter numerical optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Enaya & Deb(2014)] Enaya Y, Deb K, 2014 “Network path optimization under dynamic conditions” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Erlich et al.(2014a)Erlich, Rueda, & Wildenhues] Erlich I, Rueda J L, Wildenhues S, 2014a “Evaluating the mean-variance mapping optimization on the IEEE-CEC 2014 test suite” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Erlich et al.(2014b)Erlich, Rueda, & Wildenhues] Erlich I, Rueda J L, Wildenhues S, 2014b “Solving the IEEE-CEC 2014 expensive optimization test problems by using single-particle MVMO” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Everitt et al.(2014)Everitt, Lattimore, & Hutter] Everitt T, Lattimore T, Hutter M, 2014 “Free lunch for optimisation under the universal distribution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Farzan & DeSouza(2014)] Farzan S, DeSouza G, 2014 “A parallel evolutionary solution for the inverse kinematics of generic robotic manipulators” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Fatnassi et al.(2014)Fatnassi, Chebbi, & Chaouachi] Fatnassi E, Chebbi O, Chaouachi J, 2014 “A bee colony algorithm for routing guided automated battery-operated electric vehicles in personal rapid transit systems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Felipe et al.(2014)Felipe, Goldberg, & Goldberg] Felipe D, Goldberg E F G, Goldberg M C, 2014 “Scientific algorithms for the car renter salesman problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Feng et al.(2014)Feng, Tan, & Lu] Feng S, Tan S, Lu J, 2014 “Characterizing the impact of selection on the evolution of cooperation in complex networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Fieldsend(2014)] Fieldsend J, 2014 “Running up those hills: Multi-modal search with the niching migratory multi-swarm optimiser” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Fogel et al.(2014)] Fogel G, Liu E, Salemi M, Lamers S, McGrath M, 2014 “Evolved neural networks for HIV-1 co-receptor identification” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Fong et al.(2014)] Fong C W, Asmuni H, Lam W S, McCollum B, McMullan P, 2014 “A novel hybrid approach for curriculum based course timetabling problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Friedrich & Menzel(2014)] Friedrich T, Menzel S, 2014 “A cascaded evolutionary multi-objective optimization for solving the unbiased universal electric motor family problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Fu et al.(2014a)] Fu H, Lewis P, Sendhoff B, Tang K, Yao X, 2014a “What are dynamic optimization problems?” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Fu et al.(2014b)] Fu W, Johnston M, Zhang M, 2014b “Unsupervised learning for edge detection using genetic programming” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Gao et al.(2014a)] Gao C, Weise T, Li J, 2014a “A weighting-based local search heuristic algorithm for the set covering problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Gao et al.(2014b)] Gao S, Liu Z, Dai C, Geng X, 2014b “Application of BPSO with GA in model-based fault diagnosis of traction substation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Garden & Engelbrecht(2014)] Garden R, Engelbrecht A, 2014 “Analysis and classification of optimisation benchmark functions and benchmark suites” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Gaudesi et al.(2014)] Gaudesi M, Piccolo E, Squillero G, Tonda A, 2014 “TURAN: Evolving non-deterministic players for the iterated prisoner’s dilemma” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Gee & Tan(2014)] Gee S B, Tan K C, 2014 “Diversity preservation with hybrid recombination for evolutionary multiobjective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Georgieva & Engelbrecht(2014)] Georgieva K S, Engelbrecht A P, 2014 “Cooperative DynDE for temporal data clustering” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Glette & Kaufmann(2014)] Glette K, Kaufmann P, 2014 “Lookup table partial reconfiguration for an evolvable hardware classifier system” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Gonzalez-Pardo & Camacho(2014)] Gonzalez-Pardo A, Camacho D, 2014 “A new CSP graph-based representation to resource-constrained project scheduling problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Greenwood et al.(2014)Greenwood, Elsayed, Sarker, & Abbass] Greenwood G, Elsayed S, Sarker R, Abbass H, 2014 “Online generation of trajectories for autonomous vehicles using a multi-agent system” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Grobler et al.(2014)Grobler, Engelbrecht, Kendall, & Yadavalli] Grobler J, Engelbrecht A P, Kendall G, Yadavalli V, 2014 “Heuristic space diversity management in a meta-hyper-heuristic framework” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Gu & Shi(2014)] Gu J, Shi X, 2014 “An adaptive PSO based on motivation mechanism and acceleration restraint operator” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Gu et al.(2014)Gu, Yang, & Dong] Gu L, Yang P, Dong Y, 2014 “A dynamic-weighted collaborative filtering approach to address sparsity and adaptivity issues” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Guo et al.(2014)Guo, Chen, Fu, & Liu] Guo Y, Chen M, Fu H, Liu Y, 2014 “Find robust solutions over time by two-layer multi-objective optimization method” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Hamza et al.(2014)Hamza, Sarker, & Essam] Hamza N, Sarker R, Essam D, 2014 “Differential evolution with a constraint consensus mutation for solving optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Handa(2014)] Handa H, 2014 “Deep boltzmann machine for evolutionary agents of Mario AI” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Hardhienata et al.(2014)Hardhienata, Ugrinovskii, & Merrick] Hardhienata M, Ugrinovskii V, Merrick K, 2014 “Task allocation under communication constraints using motivated particle swarm optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Harrison et al.(2014)Harrison, Ombuki-Berman, & Engelbrecht] Harrison K, Ombuki-Berman B, Engelbrecht A, 2014 “Dynamic multi-objective optimization using charged vector evaluated particle swarm optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [He et al.(2014a)He, Boris, & Zhou] He J, Boris M, Zhou Y, 2014a “A theoretical assessment of solution quality in evolutionary algorithms for the knapsack problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [He et al.(2014b)He, Lu, Xu, Li, Qian, & Zhang] He P, Lu L, Xu X, Li K, Qian H, Zhang W, 2014b “Confidence-based ant random walks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [He & Chan(2014)] He T, Chan K C, 2014 “Evolutionary community detection in social networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Helbig & Engelbrecht(2014)] Helbig M, Engelbrecht A, 2014 “Heterogeneous dynamic vector evaluated particle swarm optimisation for dynamic multi-objective optimisation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Htiouech & Bouamama(2014)] Htiouech S, Bouamama S, 2014 “A Lagrangian and surrogate information enhanced tabu search for the MMKP” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Hu et al.(2014a)Hu, Yen, & Zhang] Hu W, Yen G, Zhang X, 2014a “Sensitivity analysis of parallel cell coordinate system in many-objective particle swarm optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Hu & Leeson(2014)] Hu X B, Leeson M S, 2014 “Genetic algorithm with spatial receding horizon control for the optimization of facility locations” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Hu et al.(2014b)Hu, Wang, & Leeson] Hu X B, Wang M, Leeson M S, 2014b “Calculating the complete Pareto front for a special class of continuous multi-objective optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Hu et al.(2014c)Hu, Bao, & Xiong] Hu Z, Bao Y, Xiong T, 2014c “Partial opposition-based adaptive differential evolution algorithms: Evaluation on the CEC 2014 benchmark set for real-parameter optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Hui & Ponnuthurai(2014)] Hui S, Ponnuthurai N S, 2014 “Niching-based self-adaptive ensemble DE with MMTS for solving dynamic optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Hunt et al.(2014)Hunt, Johnston, & Zhang] Hunt R, Johnston M, Zhang M, 2014 “Evolving machine-specific dispatching rules for a two-machine job shop using genetic programming” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Huo et al.(2014)Huo, Cai, Gong, & Liu] Huo Y, Cai Z, Gong W, Liu Q, 2014 “A new adaptive kalman filter by combining evolutionary algorithm and fuzzy inference system” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ivan et al.(2014)Ivan, Jouni, Roman, Michal, & Donald] Ivan Z, Jouni L, Roman S, Michal P, Donald D, 2014 “Evolutionary algorithms dynamics and its hidden complex network structures” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Jana et al.(2014)Jana, Das, & Sil] Jana N D, Das S, Sil J, 2014 “Particle swarm optimization with population adaptation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Janecek et al.(2014)Janecek, Jordan, & de Lima-Neto] Janecek A, Jordan T, de Lima-Neto F B, 2014 “Swarm/evolutionary intelligence for agent-based social simulation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Jariyatantiwait & Yen(2014)] Jariyatantiwait C, Yen G, 2014 “Fuzzy multiobjective differential evolution using performance metrics feedback” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Jiang et al.(2014a)Jiang, Wang, Hei, Fei, Yang, Zou, Li, & Cao] Jiang Q, Wang L, Hei X, Fei R, Yang D, Zou F, Li H, Cao Z, 2014a “Optimal approximation of stable linear systems with a novel and efficient optimization algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Jiang & Yang(2014)] Jiang S, Yang S, 2014 “An improved quantum-behaved particle swarm optimization based on linear interpolation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Jiang et al.(2014b)Jiang, Yang, Hao, Wang, & He] Jiang Y, Yang Z, Hao Z, Wang Y, He H, 2014b “A cooperative honey bee mating algorithm and its application in multi-threshold image segmentation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Jin & Yao(2014)] Jin N, Yao X, 2014 “Heuristic optimization for software project management with impacts of team efficiency” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Juan et al.(2014)] Juan, Jose, & Mariela] Juan T, Jose A, Mariela C, 2014 “Cultural learning for multi-agent system and its application to fault management” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Judeh et al.(2014)] Judeh, Jayyousi, Acharya, Reynolds, & Zhu] Judeh T, Jayyousi T, Acharya L, Reynolds R, Zhu D, 2014 “GSCA: Reconstructing biological pathway topologies using a cultural algorithms approach” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Karim & Mouhoub(2014)] Karim M R, Mouhoub M, 2014 “Coevolutionary genetic algorithm for variable ordering in CSPs” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Kaszkurewicz et al.(2014)] Kaszkurewicz, Bhaya, Jayadeva, & da Silva] Kaszkurewicz E, Bhaya A, Jayadeva J, da Silva J M M, 2014 “The coupled EigenAnt algorithm for shortest path problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Kattan et al.(2014)] Kattan, Kampouridis, Ong, & Mehamdi] Kattan A, Kampouridis M, Ong Y S, Mehamdi K, 2014 “Transformation of input space using statistical moments: EA-based approach” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Kazimipour et al.(2014a)] Kazimipour, Li, & Qin] Kazimipour B, Li X, Qin A, 2014a “Effects of population initialization on differential evolution for large scale optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Kazimipour et al.(2014b)] Kazimipour, Li, & Qin] Kazimipour B, Li X, Qin A, 2014b “A review of population initialization techniques for evolutionary algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Kazimipour et al.(2014c)] Kazimipour, Omidvar, Li, & Qin] Kazimipour B, Omidvar M N, Li X, Qin A, 2014c “A novel hybridization of opposition-based learning and cooperative co-evolutionary for large-scale optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ke(2014)] Ke L, 2014 “A cooperative approach between metaheuristic and branch-and-price for the team orienteering problem with time windows” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ki-Baek & Jong-Hwan(2014)] Ki-Baek L, Jong-Hwan K, 2014 “DMOPSO: Dual multi-objective particle swarm optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Kizilay et al.(2014)] Kizilay, Tasgetiren, Bulut, & Bostan] Kizilay D, Tasgetiren M F, Bulut O, Bostan B, 2014 “A discrete artificial bee colony algorithm for the parallel machine scheduling problem in DYO painting company” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Klazar & Engelbrecht(2014)] Klazar R, Engelbrecht A, 2014 “Parameter optimization by means of statistical quality guides in F-Race” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Krawczyk et al.(2014)] Krawczyk, Triguero, Garcia, Wozniak, & Herrera] Krawczyk B, Triguero I, Garcia S, Wozniak M, Herrera F, 2014 “A first attempt on evolutionary prototype reduction for nearest neighbor one-class classification” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Kren & Neruda(2014)] Kren T, Neruda R, 2014 “Generating lambda term individuals in typed genetic programming using forgetful A*” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Krityakierne et al.(2014)]Krityakierne, Mueller, & Shoemaker] Krityakierne T, Mueller J, Shoemaker C, 2014 “SO-MODS: Optimization for high dimensional computationally expensive multi-modal functions with surrogate search” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Kromer et al.(2014)]Kromer, Zelinka, & Snasel] Kromer P, Zelinka I, Snasel V, 2014 “Can deterministic chaos improve differential evolution for the linear ordering problem?” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ksibi et al.(2014)]Ksibi, Ammar, & Amar] Ksibi A, Ammar A B, Amar C B, 2014 “Enhancing relevance re-ranking using nature-inspired meta-heuristic optimization algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Kuang et al.(2014a)]Kuang, Jin, Xu, & Zhang] Kuang F, Jin Z, Xu W, Zhang S, 2014a “A novel chaotic artificial bee colony algorithm based on tent map” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Kuang et al.(2014b)]Kuang, Zhao, Wang, Li, Yu, & Li] Kuang L, Zhao Z, Wang F, Li Y, Yu F, Li Z, 2014b “A differential evolution box-covering algorithm for fractal dimension on complex networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lara-Cabrera et al.(2014)]Lara-Cabrera, Cotta, & Fernandez-Leiva] Lara-Cabrera R, Cotta C, Fernandez-Leiva A J, 2014 “A self-adaptive evolutionary approach to the evolution of aesthetic maps for a RTS game” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lattarulo et al.(2014)]Lattarulo, Lindley, & Parks] Lattarulo V, Lindley B A, Parks G T, 2014 “Application of the MOAA for the optimization of CORAIL assemblies for nuclear reactors” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lauri & Koukam(2014)] Lauri F, Koukam A, 2014 “Hybrid ACO/EA algorithms applied to the multi-agent patrolling problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lee et al.(2014)]Lee, Luo, Zambetta, & Li] Lee G, Luo M, Zambetta F, Li X, 2014 “Learning a Super Mario controller from examples of human play” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lee & Hsiao(2014)] Lee P M, Hsiao T C, 2014 “Applying LCS to affective images classification in spatial-frequency domain” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lee & Myung(2014)] Lee S M, Myung H, 2014 “A cooperative coevolutionary approach to multi-robot formation control” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Leite et al.(2014)]Leite, Silva, Claro, & Sousa] Leite V, Silva C, Claro J, Sousa J M C, 2014 “Optimization of power flow with energy storage using genetic algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Leung et al.(2014)]Leung, Ng, Cheung, & Lui] Leung M F, Ng S C, Cheung C C, Lui A K, 2014 “A new strategy for finding good local guides in MOPSO” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Li et al.(2014a)Li, Chiong, & Gong] Li B, Chiong R, Gong L, 2014a “Search-evasion path planning for submarines using the artificial bee colony algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014b)Li, Li, Tang, & Yao] Li B, Li J, Tang K, Yao X, 2014b “An improved two archive algorithm for many-objective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014c)Li, Zhang, & Li] Li F, Zhang Y, Li H, 2014c “Quantum bacterial foraging optimization algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014d)Li, Zhang, & Deng] Li H, Zhang Q, Deng J, 2014d “Multiobjective test problems with complicated Pareto fronts: Difficulties in degeneracy” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li & Zhang(2014)] Li J, Zhang J, 2014 “Using estimation of distribution algorithm to coordinate decentralized learning automata for meta-task scheduling” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014e)Li, Zheng, & Tan] Li J, Zheng S, Tan Y, 2014e “Adaptive fireworks algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014f)Li, Ji, Wu, He, & Wu] Li M, Ji T, Wu P, He S, Wu Q, 2014f “Protein folding estimation using paired-bacteria optimizer” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li & O’Riordan(2014)] Li M, O’Riordan C, 2014 “Graph centrality measures and the robustness of cooperation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014g)Li, Yang, & Liu] Li M, Yang S, Liu X, 2014g “A test problem for visual investigation of high-dimensional multi-objective search” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014h)Li, He, & Hirasawa] Li X, He W, Hirasawa K, 2014h “Adaptive genetic network programming” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014i)Li, He, & Hirasawa] Li X, He W, Hirasawa K, 2014i “Creating stock trading rules using graph-based estimation of distribution algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014j)Li, He, & Hirasawa] Li X, He W, Hirasawa K, 2014j “Generalized classifier system: Evolving classifiers with cyclic conditions” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014k)Li, He, & Hirasawa] Li X, He W, Hirasawa K, 2014k “Learning and evolution of genetic network programming with knowledge transfer” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014l)Li, Tian, Jiao, & Zhang] Li Y, Tian X, Jiao L, Zhang X, 2014l “Biclustering of gene expression data using particle swarm optimization integrated with pattern-driven local search” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014m)Li, Zhou, & Zhang] Li Y, Zhou A, Zhang G, 2014m “An MOEA/D with multiple differential evolution mutation operators” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Li et al.(2014n)Li, Shang, Liang, & Qu] Li Z, Shang Z, Liang J J, Qu B Y, 2014n “Differential evolution strategy based on the constraint of fitness values classification” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014o)Li, Shang, Liang, & Qu] Li Z, Shang Z, Liang J J, Qu B Y, 2014o “Feature selection based on manifold-learning with dynamic constraint-handling differential evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Li et al.(2014p)Li, Zhang, Wang, & Yao] Li Z, Zhang J, Wang W, Yao J, 2014p “Dimensions cooperate by Euclidean metric in particle swarm optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liang et al.(2014a)Liang, Qu, Song, & Shang] Liang J J, Qu B Y, Song H, Shang Z G, 2014a “Memetic differential evolution based on fitness Euclidean-distance ratio” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liang et al.(2014b)Liang, Zheng, Qu, & Song] Liang J J, Zheng B, Qu B Y, Song H, 2014b “Multi-objective differential evolution algorithm based on fast sorting and a novel constraints handling technique” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liang et al.(2014c)Liang, Chen, & Nien] Liang Y C, Chen H L, Nien Y H, 2014c “Artificial bee colony for workflow scheduling” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liao et al.(2014a)Liao, Zhou, & Zhang] Liao Q, Zhou A, Zhang G, 2014a “A locally weighted metamodel for pre-selection in evolutionary optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liao et al.(2014b)Liao, Chien, & Ting] Liao X L, Chien C H, Ting C K, 2014b “A genetic algorithm for the minimum latency pickup and delivery problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lin et al.(2014a)Lin, Wang, Li, & Tan] Lin K, Wang X, Li X, Tan Y, 2014a “Self-adaptive morphable model based multi-view non-cooperative 3D face reconstruction” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lin et al.(2014b)Lin, Mitsuo, & Yan] Lin L, Mitsuo G, Yan L, 2014b “A hybrid EA for high-dimensional subspace clustering problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ling et al.(2014)Ling, San, Lam, & Nguyen] Ling S H, San P P, Lam H K, Nguyen H, 2014 “Non-invasive detection of hypoglycemic episodes in type1 diabetes using intelligent hybrid rough neural system” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014a)Liu, Chen, Zhang, Gielen, & Grout] Liu B, Chen Q, Zhang Q, Gielen G, Grout V, 2014a “Behavioral study of the surrogate model-aware evolutionary search framework” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu & Li(2014)] Liu C, Li B, 2014 “Memetic algorithm with adaptive local search depth for large scale global optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014b)Liu, Wu, Wang, Rahnamayan, & Deng] Liu H, Wu Z, Wang H, Rahnamayan S, Deng C, 2014b “Improved differential evolution with adaptive opposition strategy” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Liu et al.(2014c)Liu, Zhou, Wu, & Yuan] Liu H, Zhou J, Wu X, Yuan P, 2014c “Optimization algorithm for rectangle packing problem based on varied-factor genetic algorithm and lowest front-line strategy” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014d)Liu, gen Cai, & Wang] Liu J, gen Cai B, Wang J, 2014d “Particle swarm optimization for integrity monitoring in BDS/DR based railway train positioning” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014e)Liu, He, & Hu] Liu J, He Y, Hu Y, 2014e “Regression ensemble with PSO algorithms based fuzzy integral” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014f)Liu, Zheng, & Tan] Liu J, Zheng S, Tan Y, 2014f “Analysis on global convergence and time complexity of fireworks algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014g)Liu, Singh, & Ray] Liu M, Singh H, Ray T, 2014g “A benchmark generator for dynamic capacitated arc routing problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014h)Liu, Singh, & Ray] Liu M, Singh H, Ray T, 2014h “A memetic algorithm with a new split scheme for solving dynamic capacitated arc routing problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014i)Liu, Zheng, Wang, Liu, & Jiang] Liu M, Zheng J, Wang J, Liu Y, Jiang L, 2014i “An adaptive diversity introduction method for dynamic evolutionary multiobjective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014j)Liu, Niu, & Jiao] Liu R, Niu X, Jiao L, 2014j “A multi-swarm particle swarm optimization with orthogonal learning for locating and tracking multiple optima in dynamic environments” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu et al.(2014k)Liu, Sun, Zeng, & Jin] Liu T, Sun C, Zeng J, Jin Y, 2014k “Similarity- and reliability-assisted fitness estimation for particle swarm optimization of expensive problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Liu & Lin(2014)] Liu W Y, Lin C C, 2014 “A cultural algorithm for spatial forest harvest scheduling” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lopez-Herrejon et al.(2014)Lopez-Herrejon, Ferrer, Chicano, Egyed, & Alba] Lopez-Herrejon R E, Ferrer J, Chicano F, Egyed A, Alba E, 2014 “Comparative analysis of classical multi-objective evolutionary algorithms and seeding strategies for pairwise testing of software product lines” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Lotif(2014)] Lotif M, 2014 “Visualizing the population of meta-heuristics during the optimization process using self-organizing maps” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Low et al.(2014)Low, Weerdt, Wynn, ter Hofstede, van der Aalst, & vanden Broucke] Low W, Weerdt J D, Wynn M, ter Hofstede A, van der Aalst W, vanden Broucke S, 2014 “Perturbing event logs to identify cost reduction opportunities: A genetic algorithm-based approach” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Luo et al.(2014a)Luo, Shimoyama, & Obayashi] Luo C, Shimoyama K, Obayashi S, 2014a “Kriging model based many-objective optimization with efficient calculation of expected hypervolume improvement” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Luo et al.(2014b)Luo, Huang, & Hu] Luo Y, Huang S, Hu J, 2014b “A niching two-layered differential evolution with self-adaptive control parameters” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ma et al.(2014a)Ma, Zhong, & Zhang] Ma A, Zhong Y, Zhang L, 2014a “Remote sensing imagery clustering using an adaptive bi-objective memetic method” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ma et al.(2014b)Ma, Lei, Wang, & Jiao] Ma J, Lei Y, Wang Z, Jiao L, 2014b “A memetic algorithm based on immune multi-objective optimization for flexible job-shop scheduling problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ma et al.(2014c)Ma, Zhang, Wang, & Yao] Ma J, Zhang J, Wang W, Yao J, 2014c “Phase transition particle swarm optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ma et al.(2014d)Ma, Zuo, Zeng, Liang, & Jiao] Ma W, Zuo Y, Zeng J, Liang S, Jiao L, 2014d “A memetic algorithm for solving flexible job-shop scheduling problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Madureira et al.(2014)Madureira, Cunha, & Pereira] Madureira A, Cunha B, Pereira I, 2014 “Cooperation mechanism for distributed resource scheduling through artificial bee colony based self-organized scheduling system” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mahdavi et al.(2014)Mahdavi, Shiri, & Rahnamayan] Mahdavi S, Shiri M E, Rahnamayan S, 2014 “Cooperative co-evolution with a new decomposition method for large-scale optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Maia et al.(2014)Maia, de Castro, & Caminhas] Maia R, de Castro L, Caminhas W, 2014 “Real-parameter optimization with OptBees” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Malan & Engelbrecht(2014)] Malan K, Engelbrecht A, 2014 “A progressive random walk algorithm for sampling continuous fitness landscapes” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mallipeddi et al.(2014)Mallipeddi, Wu, Lee, & Nagaratnam] Mallipeddi R, Wu G, Lee M, Nagaratnam S P, 2014 “Gaussian adaptation based parameter adaptation for differential evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Manfrini et al.(2014)Manfrini, Barbosa, & Bernadino] Manfrini F, Barbosa H, Bernadino H, 2014 “Optimization of combinational logic circuits through decomposition of truth table and evolution of sub-circuits” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Marchetti et al.(2014)Marchetti, Manca, & Zelinka] Marchetti L, Manca V, Zelinka I, 2014 “On the inference of deterministic chaos: Evolutionary algorithm and metabolic P system approaches” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Mario et al.(2014)Mario, Navarro, & Martinoli] Mario E D, Navarro I, Martinoli A, 2014 “Analysis of fitness noise in particle swarm optimization: From robotic learning to benchmark functions” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Martinez & Coello(2014)] Martinez S Z, Coello C A C, 2014 “A multi-objective evolutionary algorithm based on decomposition for constrained multi-objective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Martins et al.(2014)Martins, Nobre, Delbem, Marques, & Cardoso] Martins L, Nobre R, Delbem A, Marques E, Cardoso J, 2014 “A clustering-based approach for exploring sequences of compiler optimizations” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Masi & Vasile(2014)] Masi L, Vasile M, 2014 “A multidirectional Physarum solver for the automated design of space trajectories” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Masuda et al.(2014)Masuda, Nojima, & Ishibuchi] Masuda H, Nojima Y, Ishibuchi H, 2014 “Visual examination of the behavior of EMO algorithms for many-objective optimization with many decision variables” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Matei et al.(2014)Matei, Contrás, & Pop] Matei O, Contrás D, Pop P, 2014 “Applying evolutionary computation for evolving ontologies” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mauser et al.(2014)Mauser, Dorscheid, Allerding, & Schmeck] Mauser I, Dorscheid M, Allerding F, Schmeck H, 2014 “Encodings for evolutionary algorithms in smart buildings with energy management systems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mavrovouniotis & Yang(2014a)] Mavrovouniotis M, Yang S, 2014a “Elitism-based immigrants for ant colony optimization in dynamic environments: Adapting the replacement rate” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mavrovouniotis & Yang(2014b)] Mavrovouniotis M, Yang S, 2014b “Interactive and non-interactive hybrid immigrants schemes for ant algorithms in dynamic environments” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mayo & Sun(2014)] Mayo M, Sun Q, 2014 “Evolving artificial datasets to improve interpretable classifiers” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [McNabb & Seppi(2014)] McNabb A, Seppi K, 2014 “Serial PSO results are irrelevant in a multi-core parallel world” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mei et al.(2014)Mei, Li, & Yao] Mei Y, Li X, Yao X, 2014 “Variable neighborhood decomposition for large scale capacitated arc routing problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Menchaca-Mendez & Coello(2014)] Menchaca-Mendez A, Coello C A C, 2014 “MD-MOEA : A new MOEA based on the maximin fitness function and Euclidean distances between solutions” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Menendez et al.(2014a)Menendez, Barrero, & Camacho] Menendez H D, Barrero D F, Camacho D, 2014a “A co-evolutionary multi-objective approach for a k-adaptive graph-based clustering algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Menendez et al.(2014b)Menendez, Plaza, & Camacho] Menendez H D, Plaza L, Camacho D, 2014b “Combining graph connectivity and genetic clustering to improve biomedical summarization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Menezes et al.(2014)Menezes, Goldberg, & Goldberg] Menezes M, Goldberg M, Goldberg E, 2014 “A memetic algorithm for the prize collecting traveling car renter problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mesa et al.(2014)Mesa, Velasquez, & Jaramillo] Mesa E, Velasquez J D, Jaramillo P, 2014 “A new self-adaptive PSO based on the identification of planar regions” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Metlicka & Davendra(2014)] Metlicka M, Davendra D, 2014 “Chaos-driven discrete artificial bee colony” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [ming Cheung & Gu(2014)] ming Cheung Y, Gu F, 2014 “Online objective reduction for many-objective optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Minisci & Vasile(2014)] Minisci E, Vasile M, 2014 “Adaptive inflationary differential evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mohammadi et al.(2014)Mohammadi, Omidvar, Li, & Deb] Mohammadi A, Omidvar M N, Li X, Deb K, 2014 “Integrating user preferences and decomposition methods for many-objective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Molina et al.(2014)Molina, Lacroix, & Herrera] Molina D, Lacroix B, Herrera F, 2014 “Influence of regions on the memetic algorithm for the special session on real-parameter single objective optimisation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Montgomery et al.(2014)Montgomery, Chen, & Gonzalez-Fernandez] Montgomery J, Chen S, Gonzalez-Fernandez Y, 2014 “Identifying and exploiting the scale of a search space in differential evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Moshaiov & Abramovich(2014)] Moshaiov A, Abramovich O, 2014 “Is MO-CMA-ES superior to NSGA-II for the evolution of multi-objective neuro-controllers?” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Moshaiov & Tal(2014)] Moshaiov A, Tal A, 2014 “Family bootstrapping: A genetic transfer learning approach for onsetting the evolution for a set of related robotic tasks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mu et al.(2014a)Mu, Xie, Liu, & Jiao] Mu C, Xie J, Liu R, Jiao L, 2014a “A memetic algorithm using local structural information for detecting community structure in complex networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Mu et al.(2014b)Mu, Zhang, & Jiao] Mu C, Zhang J, Jiao L, 2014b “An intelligent ant colony optimization for community detection in complex networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Naqvi et al.(2014)Naqvi, Browne, & Hollitt] Naqvi S S, Browne W N, Hollitt C, 2014 “Genetic algorithms based feature combination for salient object detection, for autonomously identified image domain types” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Nguyen et al.(2014a)Nguyen, Xue, Liu, & Zhang] Nguyen B H, Xue B, Liu I, Zhang M, 2014a “Filter based backward elimination in wrapper based PSO for feature selection in classification” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Nguyen et al.(2014b)Nguyen, Zhang, & Johnston] Nguyen S, Zhang M, Johnston M, 2014b “A sequential genetic programming method to learn forward construction heuristics for order acceptance and scheduling” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Nguyen et al.(2014c)Nguyen, Nguyen, & Thawonmas] Nguyen T, Nguyen K, Thawonmas R, 2014c “Integrating fuzzy integral and heuristic search for unit micromanagement in RTS games” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Nguyen et al.(2014d)Nguyen, Liew, Tran, Pham, & Nguyen] Nguyen T T, Liew A W C, Tran M T, Pham X C, Nguyen M P, 2014d “A novel genetic algorithm approach for simultaneous feature and classifier selection in multi classifier system” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ni et al.(2014)Ni, Cao, & Yin] Ni Q, Cao C, Yin X, 2014 “A new dynamic probabilistic particle swarm optimization with dynamic random population topology” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Nishiyama & Iba(2014)] Nishiyama M, Iba H, 2014 “Applying conversion matrix to robots for imitating motion using genetic algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Niu & Bi(2014)] Niu B, Bi Y, 2014 “Binary bacterial foraging optimization for solving 0/1 knapsack problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Niu et al.(2014)Niu, Xie, Duan, & Tan] Niu B, Xie T, Duan Q, Tan L, 2014 “Particle swarm optimization for integrated yard truck scheduling and storage allocation problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Nobile et al.(2014)Nobile, Citrolo, Cazzaniga, Besozzi, & Mauri] Nobile M S, Citrolo A G, Cazzaniga P, Besozzi D, Mauri G, 2014 “A memetic hybrid method for the molecular distance geometry problem with incomplete information” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Oh & Jin(2014)] Oh H, Jin Y, 2014 “Evolving hierarchical gene regulatory networks for morphogenetic pattern formation of swarm robotics” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Omidvar et al.(2014)Omidvar, Mei, & Li] Omidvar M N, Mei Y, Li X, 2014 “Effective decomposition of large-scale separable continuous functions for cooperative co-evolutionary algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [O’Neill et al.(2014)O’Neill, Nicolau, & Agapitos] O’Neill M, Nicolau M, Agapitos A, 2014 “Experiments in program synthesis with grammatical evolution: A focus on integer sorting” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Pandiyana(2014)] Pandiyan M, 2014 “Soft computing techniques based optimal tuning of virtual feedback PID controller for chemical tank reactor” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Pang & Coghill(2014)] Pang W, Coghill G, 2014 “An immune network approach to learning qualitative models of biological pathways” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Pascoal et al.(2014)] Pascoal L M L, Camilo-Junior C G, Silva E Q, Rosa T C, 2014 “A social-evolutionary approach to compose a similarity function used on event recommendation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Pat(2014)] Pat A, 2014 “Ant colony optimization and hypergraph covering problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Peng et al.(2014a)] Peng X, Lei X, Liu K, 2014a “Compensate information from multimodal dynamic landscapes: An anti-pathology cooperative coevolutionary algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Peng et al.(2014b)] Peng Z, Zheng J, Zou J, 2014b “A population diversity maintaining strategy based on dynamic environment evolutionary model for dynamic multiobjective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Pereira et al.(2014)] Pereira M, Roisenberg M, Neto G, 2014 “A topological niching covariance matrix adaptation for multimodal optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Perez et al.(2014)] Perez D, Powley E, Whitehouse D, Samothrakis S, Lucas S, Cowling P, 2014 “The 2013 multi-objective physical travelling salesman problem competition” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Peterson(2014)] Peterson L, 2014 “Evolutionary algorithms applied to likelihood function maximization during Poisson, logistic, and Cox proportional hazards regression analysis” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Philippe et al.(2014)] Philippe P, Remi M, Michal V, 2014 “Bandits attack function optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Pilat & Neruda(2014)] Pilat M, Neruda R, 2014 “The effect of different local search algorithms on the performance of multi-objective optimizers” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Plagianakos(2014)] Plagianakos V, 2014 “Unsupervised clustering and multi-optima evolutionary search” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Polakova et al.(2014)] Polakova R, Tvrdik J, Bujok P, 2014 “Controlled restart in differential evolution applied to CEC2014 benchmark functions” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Poole et al.(2014a)] Poole D, Allen C, Rendall T, 2014a “Analysis of constraint handling methods for the gravitational search algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Poole et al.(2014b)] Poole D, Allen C, Rendall T, 2014b “Constraint handling in agent-based optimization by independent sub-swarms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Pop & Chira(2014)] Pop P, Chira C, 2014 “A hybrid approach based on genetic algorithms for solving the clustered vehicle routing problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Poursoltan & Neumann(2014)] Poursoltan S, Neumann F, 2014 “A feature-based analysis on the impact of linear constraints for e-constrained differential evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Pretorius et al.(2014)Pretorius, du Plessis, & Gonsalves] Pretorius C, du Plessis M, Gonsalves J, 2014 “A comparison of neural networks and physics models as motion simulators for simple robotic evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Purshouse et al.(2014)Purshouse, Deb, Mansor, Mostaghim, & Wang] Purshouse R C, Deb K, Mansor M M, Mostaghim S, Wang R, 2014 “A review of hybrid evolutionary multiple criteria decision making methods” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Qian et al.(2014)Qian, Huang, Gao, & Wang] Qian X, Huang M, Gao T, Wang X, 2014 “An improved ant colony algorithm for winner determination in multi-attribute combinatorial reverse auction” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Qin et al.(2014)Qin, Tang, Pan, & Xia] Qin A K, Tang K, Pan H, Xia S, 2014 “Self-adaptive differential evolution with local search chains for real-parameter single-objective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Qiu et al.(2014)Qiu, Xu, & Tan] Qiu X, Xu J, Tan K C, 2014 “A novel differential evolution (DE) algorithm for multi-objective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [R.(2014)] R. R B, 2014 “Lion algorithm for standard and large scale bilinear system identification: A global optimization based on lion’s social behavior” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Rahman et al.(2014)Rahman, Sarker, Essam, & Chang] Rahman H F, Sarker R, Essam D, Chang G, 2014 “A memetic algorithm for solving permutation flow shop problems with known and unknown machine breakdowns” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Rahnamayan et al.(2014)Rahnamayan, Jesuthasan, Bourennani, Salehinejad, & Naterer] Rahnamayan S, Jesuthasan J, Bourennani F, Salehinejad H, Naterer G F, 2014 “Computing opposition by involving entire population” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Rakshit et al.(2014)Rakshit, Konar, & Nagar] Rakshit P, Konar A, Nagar A, 2014 “Artificial bee colony induced multi-objective optimization in presence of noise” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Reid et al.(2014)Reid, Malan, & Engelbrecht] Reid S, Malan K, Engelbrecht A, 2014 “Carry trade portfolio optimization using particle swarm optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Reps et al.(2014)Reps, Aickelin, & Garibaldi] Reps J, Aickelin U, Garibaldi J, 2014 “Tuning a multiple classifier system for side effect discovery using genetic algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [reza Bonyadi & Michalewicz(2014)] reza Bonyadi M, Michalewicz Z, 2014 “On the edge of feasibility: A case study of the particle swarm optimizer” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Richter(2014)] Richter H, 2014 “Codynamic fitness landscapes of coevolutionary minimal substrates” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Rosales-Perez et al.(2014)] Rosales-Perez, Escalante, Coello, Gonzalez, & Reyes-Garcia] Rosales-Perez A, Escalante H J, Coello C A C, Gonzalez J A, Reyes-Garcia C A, 2014 “An evolutionary multi-objective approach for prototype generation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ruello et al.(2014)] Ruello, Grimaccia, Mussetta, & Zich] Ruello M, Grimaccia F, Mussetta M, Zich R E, 2014 “Black-hole PSO and SNO for electromagnetic optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Runkler & Bezdek(2014)] Runkler T, Bezdek J, 2014 “Multidimensional scaling with multiswarming” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Sabar & Kendall(2014a)] Sabar N R, Kendall G, 2014a “Aircraft landing problem using hybrid differential evolution and simple descent algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Sabar & Kendall(2014b)] Sabar N R, Kendall G, 2014b “Using harmony search with multiple pitch adjustment operators for the portfolio selection problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Salehinejad et al.(2014a)] Salehinejad, Rahnamayan, & Tizhoosh] Salehinejad H, Rahnamayan S, Tizhoosh H R, 2014a “Micro-differential evolution with vectorized random mutation factor” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Salehinejad et al.(2014b)] Salehinejad, Rahnamayan, & Tizhoosh] Salehinejad H, Rahnamayan S, Tizhoosh H R, 2014b “Toward using type-II opposition in optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Santu et al.(2014)] Santu, Rahman, Islam, & Murase] Santu S K K, Rahman M M, Islam M M, Murase K, 2014 “Towards better generalization in Pittsburgh learning classifier systems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Sayed et al.(2014)] Sayed, Essam, Sarker, & Elsayed] Sayed E, Essam D, Sarker R, Elsayed S, 2014 “A decomposition-based algorithm for dynamic economic dispatch problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Scardapane et al.(2014)] Scardapane, Comminiello, Scarpiniti, & Uncini] Scardapane S, Comminiello D, Scarpiniti M, Uncini A, 2014 “GP-based kernel evolution for L2-regularization networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Schaefer et al.(2014)] Schaefer, Krawczyk, Doshi, & Nakashima] Schaefer G, Krawczyk B, Doshi N, Nakashima T, 2014 “Cost-sensitive texture classification” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Scheepers & Engelbrecht(2014)] Scheepers C, Engelbrecht A, 2014 “Competitive coevolutionary training of simple soccer agents from zero knowledge” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Schlueter & Munetomo(2014)] Schlueter M, Munetomo M, 2014 “Parallelization for space trajectory optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Segredo et al.(2014)Segredo, Segura, & Leon] Segredo E, Segura C, Leon C, 2014 “Control of numeric and symbolic parameters with a hybrid scheme based on fuzzy logic and hyper-heuristics” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Segura et al.(2014)Segura, Coello, Segredo, & Leon] Segura C, Coello C A C, Segredo E, Leon C, 2014 “An analysis of the automatic adaptation of the crossover rate in differential evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Sekanina et al.(2014)Sekanina, Ptak, & Vasicek] Sekanina L, Ptak O, Vasicek Z, 2014 “Cartesian genetic programming as local optimizer of logic networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Sephton et al.(2014)Sephton, Cowling, Powley, Whitehouse, & Slaven] Sephton N, Cowling P, Powley E, Whitehouse D, Slaven N, 2014 “Parallelization of information set Monte Carlo tree search” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Shan et al.(2014)Shan, Yasuda, & Ohkura] Shan H, Yasuda T, Ohkura K, 2014 “A Levy flight-based hybrid artificial bee colony algorithm for solving numerical optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Shang et al.(2014)Shang, Zhang, & Jiao] Shang R, Zhang K, Jiao L, 2014 “A novel algorithm for many-objective dimension reductions: Pareto-PCA-NSGA-II” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Shang-Chia et al.(2014)Shang-Chia, Wei-Chang, & Tso-Jung] Shang-Chia W, Wei-Chang Y, Tso-Jung Y, 2014 “Pareto simplified swarm optimization for grid-computing reliability and service makspan in grid-RMS” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Shao et al.(2014)Shao, Abielmona, Falcon, & Japkowicz] Shao H, Abielmona R, Falcon R, Japkowicz N, 2014 “Vessel track correlation and association using fuzzy logic and echo state networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Shi et al.(2014)Shi, Peng, & Wei] Shi Z, Peng Y, Wei W, 2014 “Optimal sizing of DGs and storage for microgrid with interruptible load using improved NSGA-II” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Shuai et al.(2014)Shuai, Wang, & Gong] Shuai L, Wang Z, Gong T, 2014 “Simulating the coevolution of language and long-term memory” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Si et al.(2014)Si, Shen, Zou, Wang, & Wu] Si C, Shen J, Zou X, Wang L, Wu Q, 2014 “Mapping constrained optimization problems to penalty parameters: An empirical study” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Silva et al.(2014)Silva, Camilo-Junior, Pascoal, & Rosa] Silva E Q, Camilo-Junior C G, Pascoal L M L, Rosa T C, 2014 “An evolutionary approach for combining results of recommender systems techniques based on collaborative filtering” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Singh et al.(2014a)Singh, Asafuddoula, & Ray] Singh H, Asafuddoula M, Ray T, 2014a “Solving problems with a mix of hard and soft constraints using modified infeasibility driven evolutionary algorithm (IDEA-M)” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Singh et al.(2014b)Singh, Isaacs, & Ray] Singh H, Isaacs A, Ray T, 2014b “A hybrid surrogate based algorithm (HSBA) to solve computationally expensive optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Singh et al.(2014c)Singh, Couckuyt, Ferranti, & Dhaene] Singh P, Couckuyt I, Ferranti F, Dhaene T, 2014c “A constrained multi-objective surrogate-based optimization algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Sinha et al.(2014)Sinha, Malo, & Deb] Sinha A, Malo P, Deb K, 2014 “An improved bilevel evolutionary algorithm based on quadratic approximations” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Smith et al.(2014)Smith, Doherty, & Jin] Smith C, Doherty J, Jin Y, 2014 “Multi-objective evolutionary recurrent neural network ensemble for prediction of computational fluid dynamic simulations” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Smullen et al.(2014)Smullen, Gillett, Heron, & Rahnamayan] Smullen D, Gillett J, Heron J, Rahnamayan S, 2014 “Genetic algorithm with self-adaptive mutation controlled by chromosome similarity” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Soncco-Alvarez & Ayala-Rincon(2014)] Soncco-Alvarez J L, Ayala-Rincon M, 2014 “Memetic algorithm for sorting unsigned permutations by reversals” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Song et al.(2014)Song, Ji, Yang, & Zhang] Song X, Ji J, Yang C, Zhang X, 2014 “Ant colony clustering based on sampling for community detection” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Souza et al.(2014a)Souza, Prudencio, & Barros] Souza L, Prudencio R, Barros F, 2014a “A comparison study of binary multi-objective particle swarm optimization approaches for test case selection” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Souza et al.(2014b)Souza, Goldberg, & Goldberg] Souza T, Goldberg E, Goldberg M, 2014b “An experimental analysis of evolutionary algorithms for the three-objective oil derivatives distribution problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [St-Pierre & Liu(2014)] St-Pierre D L, Liu J, 2014 “Differential evolution algorithm applied to non-stationary bandit problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Stanley et al.(2014)Stanley, Palazzolo, & Warnke] Stanley S, Palazzolo T, Warnke D, 2014 “Analyzing prehistoric hunter behavior with cultural algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Su & Yu(2014)] Su Y E, Yu T L, 2014 “Use model building on discretization algorithms for discrete EDAs to work on real-valued problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Sudo et al.(2014)Sudo, Nojima, & Ishibuchi] Sudo T, Nojima Y, Ishibuchi H, 2014 “Effects of ensemble action selection on the evolution of iterated prisoner’s dilemma game strategies” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Suzuki et al.(2014)] Suzuki M, Tsuruta S, Knauf R, Sakurai Y, 2014 “Knowledge acquisition issues for intelligent route optimization by evolutionary computation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Tamura & Yasuda(2014)] Tamura K, Yasuda K, 2014 “Primary study on feedback controlled differential evolution” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Tanabe & Fukunaga(2014)] Tanabe R, Fukunaga A, 2014 “Improving the search performance of SHADE using linear population size reduction” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Tang & Abbass(2014)] Tang J, Abbass H A, 2014 “Behavioral learning of aircraft landing sequencing using a society of probabilistic finite state machines” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Thanh et al.(2014)] Thanh B H T, Van L T, Xuan H N, Duc A N, Manh T P, 2014 “Reordering dimensions for radial visualization of multidimensional data - a genetic algorithms approach” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Thompson & Congdon(2014)] Thompson J A, Congdon C B, 2014 “GAMI-CRM: Using de novo motif inference to detect cis-regulatory modules” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Triguero et al.(2014)] Triguero I, Peralta D, Bacardit J, Garcia S, Herrera F, 2014 “A combined MapReduce-windowing two-level parallel scheme for evolutionary prototype generation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Tsai et al.(2014a)] Tsai P C, Chen C M, ping Chen Y, 2014a “A novel evaluation function for LT codes degree distribution optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Tsai et al.(2014b)] Tsai P C, Chen C M, ping Chen Y, 2014b “PSO-based evacuation simulation framework” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Tsang(2014)] Tsang J, 2014 “The structure of a probabilistic 2-state finite transducer representation for prisoner’s dilemma” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Tung et al.(2014)] Tung H Y, Ma W C, Yu T L, 2014 “Novel traffic signal timing adjustment strategy based on genetic algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Turky & Abdullah(2014)] Turky A, Abdullah S, 2014 “Using electromagnetic algorithm for tuning the structure and parameters of neural networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Vafaei et al.(2014)] Vafaei F, Turan G, Nelson P, Berger-Wolf T, 2014 “Balancing the exploration and exploitation in an adaptive diversity guided genetic algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Valsecchi et al.(2014)] Valsecchi A, Mesejo P, Marrakchi-Kacem L, Cagnoni S, Damas S, 2014 “Automatic evolutionary medical image segmentation using deformable models” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [vanden Broucke et al.(2014)vanden Broucke, Vanthienen, & Baesens] vanden Broucke S, Vanthienen J, Baesens B, 2014 “Declarative process discovery with evolutionary computing” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Varela et al.(2014)Varela, Caamano, Orjales, Deibe, Lopez-Pena, & Duro] Varela G, Caamano P, Orjales F, Deibe A, Lopez-Pena F, Duro R, 2014 “Differential evolution in constrained sampling problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Viegas et al.(2014)Viegas, Vieira, Sousa, & Henriques] Viegas J, Vieira S, Sousa J, Henriques E, 2014 “Metaheuristics for the 3D bin packing problem in the steel industry” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wagner(2014)] Wagner M, 2014 “Maximising axiomatization coverage and minimizing regression testing time” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wagner & Neumann(2014)] Wagner M, Neumann F, 2014 “Single- and multi-objective genetic programming: New runtime results for SORTING” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014a)Wang, Xu, & Yuan] Wang B, Xu H, Yuan Y, 2014a “Quantum-inspired evolutionary algorithm with linkage learning” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014b)Wang, Gao, & Zhu] Wang F, Gao Y, Zhu Z, 2014b “Locality-sensitive hashing based multiobjective memetic algorithm for dynamic pickup and delivery problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014c)Wang, Yang, Li, & Zhang] Wang L, Yang B, Li Y, Zhang N, 2014c “A novel improvement of particle swarm optimization using dual factors strategy” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014d)Wang, Li, Gong, Su, & Jiao] Wang Q, Li H, Gong M, Su L, Jiao L, 2014d “A multiobjective optimization method based on MOEA/D and fuzzy clustering for change detection in SAR images” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014e)Wang, Gain, & Nitschke] Wang S, Gain J, Nitschke G, 2014e “Comparing crossover operators in neuro-evolution with crowd simulations” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014f)Wang, Gong, Ma, Cai, & Jiao] Wang S, Gong M, Ma L, Cai Q, Jiao L, 2014f “Decomposition based multiobjective evolutionary algorithm for collaborative filtering recommender systems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014g)Wang, Zuo, & Zhao] Wang S, Zuo X, Zhao X, 2014g “Solving dynamic double-row layout problem via an improved simulated annealing algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014h)Wang, Tung, & Yu] Wang S M, Tung Y F, Yu T L, 2014h “Investigation on efficiency of optimal mixing on various linkage sets” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014i)Wang, Liu, Japkowicz, & Matwin] Wang X, Liu X, Japkowicz N, Matwin S, 2014i “Automatic target recognition using multiple-aspect sonar images” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Wang & Yin(2014)] Wang Y, Yin J, 2014 “Intelligent search optimized edge potential function (EPF) approach to synthetic aperture radar (SAR) scene matching” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014j)Wang, Gong, Cai, Ma, & Jiao] Wang Z, Gong M, Cai Q, Ma L, Jiao L, 2014j “Deployment optimization of near space airships based on MOEA/D with local search” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wang et al.(2014k)Wang, Zhang, Gong, & Zhou] Wang Z, Zhang Q, Gong M, Zhou A, 2014k “A replacement strategy for balancing convergence and diversity in MOEA/D” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Watanabe et al.(2014a)Watanabe, Chiba, & Kanazaki] Watanabe S, Chiba Y, Kanazaki M, 2014a “A proposal on analysis support system based on association rule analysis for non-dominated solutions” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Watanabe et al.(2014b)Watanabe, Tatsukawa, Jaimes, Aono, Nonomura, Oyama, & Fujii] Watanabe T, Tatsukawa T, Jaimes A L, Aono H, Nonomura T, Oyama A, Fujii K, 2014b “Many-objective evolutionary computation for optimization of separated-flow control using a DBD plasma actuator” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wei et al.(2014)Wei, Wang, & Zong] Wei F, Wang Y, Zong T, 2014 “Variable grouping based differential evolution using an auxiliary function for large scale global optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wei & Dinneen(2014a)] Wei K, Dinneen M J, 2014a “Hybridizing the dynamic mutation approach with local searches to overcome local optima” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wei & Dinneen(2014b)] Wei K, Dinneen M J, 2014b “Runtime comparison of two fitness functions on a memetic algorithm for the clique problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [wei Zheng et al.(2014)wei Zheng, jie Lu, & hua Chen] wei Zheng X, jie Lu D, hua Chen Z, 2014 “A self-adaptive group search optimizer with elitist strategy” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Weise et al.(2014)Weise, Wan, Tang, & Yao] Weise T, Wan M, Tang K, Yao X, 2014 “Evolving exact integer algorithms with genetic programming” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Weiszer et al.(2014)Weiszer, Chen, Ravizza, Atkin, & Stewart] Weiszer M, Chen J, Ravizza S, Atkin J, Stewart P, 2014 “A heuristic approach to greener airport ground movement” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wesolkowski et al.(2014)Wesolkowski, Francetic, & Grant] Wesolkowski S, Francetic N, Grant S, 2014 “TraDE: Training device selection via multi-objective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wong et al.(2014)Wong, Lo, Wong, & Leung] Wong P K, Lo L Y, Wong M L, Leung K S, 2014 “Grammar based genetic programming with Bayesian network” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wu et al.(2014a)Wu, Liu, & Ting] Wu C L, Liu C H, Ting C K, 2014a “A novel genetic algorithm considering measures and phrases for generating melody” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Wu et al.(2014b)Wu, Chiang, & Fu] Wu C W, Chiang T C, Fu L C, 2014b “An ant colony optimization algorithm for multi-objective clustering in mobile ad hoc networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wu et al.(2014c)Wu, Zhang, & Wu] Wu H, Zhang F, Wu L, 2014c “An uncultivated wolf pack algorithm for high-dimensional functions and its application in parameters optimization of PID controller” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wu et al.(2014d)Wu, Yuan, Gong, Ma, Ma, & Li] Wu J, Yuan L, Gong Q, Ma W, Ma J, Li Y, 2014d “A compression optimization algorithm for community detection” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wu et al.(2014e)Wu, Karkar, Liu, Yakovlev, & Gielen] Wu M, Karkar A, Liu B, Yakovlev A, Gielen G, 2014e “Network on chip optimization based on surrogate model assisted evolutionary algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wu et al.(2014f)Wu, Zhu, & Ji] Wu N, Zhu Z, Ji Z, 2014f “A growing partitional clustering based on particle swarm optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wu & Liu(2014)] Wu S Y, Liu J S, 2014 “Evolutionary path planning of a data mule in wireless sensor network by using shortcuts” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Wu & Kolonko(2014)] Wu Z, Kolonko M, 2014 “Absorption in model-based search algorithms for combinatorial optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Xiang et al.(2014)Xiang, Zhang, & Chen] Xiang T, Zhang W, Chen F, 2014 “A verifiable PSO algorithm in cloud computing” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Xiao et al.(2014)Xiao, Trefzer, Walker, Bale, & Tyrrell] Xiao Y, Trefzer M, Walker J, Bale S, Tyrrell A, 2014 “Two step evolution strategy for device motif BSIM model parameter extraction” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Xie & Shang(2014)] Xie C, Shang L, 2014 “Anomaly detection in crowded scenes using genetic programming” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Xie et al.(2014a)Xie, Song, & Ciesielski] Xie F, Song A, Ciesielski V, 2014a “Genetic programming based activity recognition on a smartphone sensory data benchmark” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Xie et al.(2014b)Xie, Mei, Ernst, Li, & Song] Xie J, Mei Y, Ernst A, Li X, Song A, 2014b “A genetic programming-based hyper-heuristic approach for storage location assignment problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Xu et al.(2014a)Xu, Huang, & Ye] Xu C, Huang H, Ye S, 2014a “A differential evolution with replacement strategy for real-parameter numerical optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Xu et al.(2014b)Xu, Xi, & Wang] Xu J, Xi X, Wang S, 2014b “Optimization based on adaptive hinging hyperplanes and genetic algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Xu et al.(2014c)Xu, Lu, He, Ding, & Ju] Xu X, Lu L, He P, Ding J, Ju Y, 2014c “Evolutionary semi-supervised learning with swarm intelligence” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Xu & Tang(2014)] Xu X, Tang M, 2014 “A new grouping genetic algorithm for the mapreduce placement problem in cloud computing” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Xue et al.(2014)Xue, Qin, & Zhang] Xue B, Qin A K, Zhang M, 2014 “An archive based particle swarm optimisation for feature selection in classification” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yan & Jiao(2014)] Yan P, Jiao M, 2014 “A chaotic particle swarm optimization algorithm for the jobshop scheduling problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yang et al.(2014a)Yang, Cai, Li, & Guan] Yang M, Cai Z, Li C, Guan J, 2014a “An improved JADE algorithm for global optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yang et al.(2014b)Yang, Li, & Chu] Yang M, Li R, Chu T, 2014b “A new method and application for controlling the steady-state probability distributions of probabilistic Boolean networks” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yang et al.(2014c)Yang, Tang, & Lozano] Yang P, Tang K, Lozano J A, 2014c “Estimation of distribution algorithms based unmanned aerial vehicle path planner using a new coordinate” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yang et al.(2014d)Yang, Li, Foley, & Zhang] Yang Z, Li K, Foley A, Zhang C, 2014d “A new self-learning TLBO algorithm for RBF neural modelling of batteries in electric vehicles” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Ye et al.(2014)Ye, Dai, & Peng] Ye S, Dai G, Peng L, 2014 “A hybrid adaptive coevolutionary differential evolution algorithm for large-scale optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yexing et al.(2014)Yexing, Xinye, Zhun, & Qingfu] Yexing L, Xinye C, Zhun F, Qingfu Z, 2014 “An external archive guided multiobjective evolutionary approach based on decomposition for continuous optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yoshida & Yoshikawa(2014)] Yoshida T, Yoshikawa T, 2014 “A study on non-correspondence in spread between objective space and design variable space for trajectory designing optimization problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yu et al.(2014a)Yu, Kelley, Zheng, & Tan] Yu C, Kelley L, Zheng S, Tan Y, 2014a “Fireworks algorithm with differential mutation for solving the CEC 2014 competition problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yu & Liang(2014)] Yu J C, Liang Z F, 2014 “Evolutionary regional network modeling for efficient engineering optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yu et al.(2014b)Yu, Lam, & Li] Yu J J, Lam A Y, Li V O, 2014b “Chemical reaction optimization for the set covering problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Yu & Li(2014)] Yu J J, Li V O, 2014 “Base station switching problem for green cellular networks with social spider algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yu et al.(2014c)Yu, Li, & Lam] Yu J J, Li V O, Lam A Y, 2014c “An inter-molecular adaptive collision scheme for chemical reaction optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yu et al.(2014d)Yu, Zuo, & Murray] Yu M, Zuo X, Murray C C, 2014d “A tabu search heuristic for the single row layout problem with shared clearances” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yu & Lu(2014)] Yu W, Lu L, 2014 “A route planning strategy for the automatic garment cutter based on genetic algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yu et al.(2014e)Yu, Ma, & Zhang] Yu Y, Ma H, Zhang M, 2014e “A genetic programming approach to distributed QoS-aware web service composition” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yu & Qian(2014)] Yu Y, Qian H, 2014 “The sampling-and-learning framework: A statistical view of evolutionary algorithms” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [yu Du et al.(2014)yu Du, jian Lei, & qiang Wu] yu Du M, jian Lei X, qiang Wu Z, 2014 “A simplified glowworm swarm optimization algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [yu Zheng et al.(2014)yu Zheng, Wang, & yao Wang] yu Zheng H, Wang L, yao Wang S, 2014 “A co-evolutionary teaching-learning-based optimization algorithm for stochastic RCPSP” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yuan et al.(2014)Yuan, Chen, & He] Yuan Z, Chen Y, He R, 2014 “Agile earth observing satellites mission planning using genetic algorithm based on high quality initial solutions” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yue et al.(2014)Yue, Zexuan, & Zhen] Yue C, Zexuan Z, Zhen J, 2014 “Feature extraction based on trimmed complex network representation for metabolomic data classification” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yuen & Zhang(2014)] Yuen S Y, Zhang X, 2014 “Multiobjective evolutionary algorithm portfolio: Choosing suitable algorithm for multiobjective optimization problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yusoh & Tang(2014)] Yusoh Z M, Tang M, 2014 “Composite SaaS scaling in cloud computing using a hybrid genetic algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Yuwono et al.(2014)Yuwono, Su, Moulton, Guo, & Nguyen] Yuwono M, Su S W, Moulton B D, Guo Y, Nguyen H T, 2014 “An algorithm for scalable clustering: Ensemble rapid centroid estimation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zan & Jaros(2014)] Zan D, Jaros J, 2014 “Solving the multidimensional knapsack problem using a CUDA accelerated PSO” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Zeng & Sun(2014)] Zeng Y, Sun Y, 2014 “Comparison of multiobjective particle swarm optimization and evolutionary algorithms for optimal reactive power dispatch problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhan & Zhang(2014)] Zhan Z H, Zhang J, 2014 “Adaptive particle swarm optimization with variable relocation for dynamic optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang et al.(2014a)Zhang, hua Duan, yan Sang, qing Li, & Yan] Zhang B, hua Duan J, yan Sang H, qing Li J, Yan H, 2014a “A new penalty function method for constrained optimization using harmony search algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang et al.(2014b)Zhang, Shafi, & Abbass] Zhang B, Shafi K, Abbass H, 2014b “Online knowledge-based evolutionary multi-objective optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang et al.(2014c)Zhang, Zhang, & Zheng] Zhang B, Zhang M X, Zheng Y J, 2014c “A hybrid biogeography-based optimization and fireworks algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang & Li(2014)] Zhang G, Li Y, 2014 “Cooperative particle swarm optimizer with elimination mechanism for global optimization of multimodal problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang et al.(2014d)Zhang, Song, Zhou, & Gao] Zhang H, Song S, Zhou A, Gao X Z, 2014d “A clustering based multiobjective evolutionary algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang & Maringer(2014)] Zhang J, Maringer D, 2014 “Two parameter update schemes for recurrent reinforcement learning” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang et al.(2014e)Zhang, Zhang, Chu, & Cao] Zhang J, Zhang C, Chu T, Cao M, 2014e “Cooperation with potential leaders in evolutionary game study of networking agents” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang et al.(2014f)Zhang, Zhu, Wang, & Yao] Zhang J, Zhu X, Wang W, Yao J, 2014f “A fast restarting particle swarm optimizer” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang et al.(2014g)Zhang, Weise, & Li] Zhang K, Weise T, Li J, 2014g “Fitness level based adaptive operator selection for cutting stock problems with contiguity” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang & He(2014)] Zhang L, He R, 2014 “A globally diversified island model PGA for multimodal optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang et al.(2014h)Zhang, Gao, & Zhang] Zhang W, Gao Y, Zhang C, 2014h “The enhanced vector of convergence for particle swarm optimization based on constrict factor” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhang et al.(2014i)Zhang, Dai, Peng, & Wang] Zhang Y, Dai G, Peng L, Wang M, 2014i “HMOEDA_LLE: A hybrid multi-objective estimation of distribution algorithm combining locally linear embedding” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zheng et al.(2014a)Zheng, Janecek, Li, & Tan] Zheng S, Janecek A, Li J, Tan Y, 2014a “Dynamic search in fireworks algorithm” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)

- [Zheng et al.(2014b)Zheng, Wang, & Wang] Zheng X, Wang L, Wang S, 2014b “An enhanced non-dominated sorting based fruit fly optimization algorithm for solving environmental economic dispatch problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zheng et al.(2014c)Zheng, Zhang, & Cheng] Zheng Y J, Zhang B, Cheng Z, 2014c “Hyper-heuristics with penalty parameter adaptation for constrained optimization” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zheng et al.(2014d)Zheng, Li, Li, & Tan] Zheng Z, Li J, Li J, Tan Y, 2014d “Avoiding decoys in multiple targets searching problems using swarm robotics” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhou et al.(2014)Zhou, Peng, & Yang] Zhou X, Peng W, Yang B, 2014 “GEAS: A GA-ES-mixed algorithm for parameterized optimization problems - using CLS problem as an example” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhu et al.(2014a)Zhu, Deb, & Kulkarni] Zhu L, Deb K, Kulkarni S, 2014a “Multi-scenario optimization using multi-criterion methods: A case study on Byzantine agreement problem” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhu et al.(2014b)Zhu, Luo, & Yue] Zhu T, Luo W, Yue L, 2014b “Combining multipopulation evolutionary algorithms with memory for dynamic optimization problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zhu et al.(2014c)Zhu, Luo, & Zhu] Zhu X, Luo W, Zhu T, 2014c “An improved genetic algorithm for dynamic shortest path problems” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)
- [Zong et al.(2014)Zong, Xiong, Xu, & Duan] Zong X, Xiong S, Xu H, Duan P, 2014 “Space-time simulation model based on particle swarm optimization algorithm for stadium evacuation” in C A Coello Coello, ed., “Proceedings of the 2014 IEEE Congress on Evolutionary Computation”, (Beijing, China)