

## Список литературы

- [Abdulhamid et al.(2012)Abdulhamid, Song, Neshatian, & Zhang] Abdulhamid F, Song A, Neshatian K, Zhang M, 2012 “Evolving genetic programming classifiers with loop structures” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Abello et al.(2012)Abello, Michalewicz, & Bui] Abello M, Michalewicz Z, Bui L T, 2012 “A reactive-proactive approach for solving dynamic scheduling with time-varying number of tasks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Adewumi et al.(2012)Adewumi, Budlender, & Olusanya] Adewumi A, Budlender N, Olusanya M, 2012 “Optimizing the assignment of blood in a blood banking system: Some initial results” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ahmed & Shaheen(2012)] Ahmed K, Shaheen F, 2012 “PSO as a meta-search for hyper-GA system to evolve optimal agendas for sequential multi-issue negotiation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Akay & Kirmizi(2012)] Akay B, Kirmizi I, 2012 “Structural optimization of wavelet packets using swarm algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Al-Sahaf et al.(2012)Al-Sahaf, Song, Neshatian, & Zhang] Al-Sahaf H, Song A, Neshatian K, Zhang M, 2012 “Extracting image features for classification by two-tier genetic programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Alam et al.(2012a)Alam, Gillian, Riddle, & Koh] Alam S, Gillian D, Riddle P, Koh Y S, 2012a “Hierarchical PSO clustering based recommender system” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Alam et al.(2012b)Alam, Lokan, & Abbass] Alam S, Lokan C, Abbass H, 2012b “What can make an airspace unsafe? characterizing collision risk using multi-objective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Albaity et al.(2012)Albaity, Meshoul, & Kaban] Albaity H, Meshoul S, Kaban A, 2012 “On extending quantum behaved particle swarm optimization to multiobjective context” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Albukhanajer et al.(2012)Albukhanajer, Jin, Briffa, & Williams] Albukhanajer W, Jin Y, Briffa J, Williams G, 2012 “Evolutionary multi-objective optimization of trace transform for invariant feature extraction” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Aleti et al.(2012)Aleti, Moser, & Mostaghim] Aleti A, Moser I, Mostaghim S, 2012 “Adaptive range parameter control” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Alghamdi et al.(2012)Alghamdi, Tang, & Alshomrani] Alghamdi H, Tang L, Alshomrani S, 2012 “Hybrid ACO and TOFA feature selection approach for text classification” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ali et al.(2012)Ali, Salhie, & Reynolds] Ali M, Salhie A, Reynolds R, 2012 “Socio-cultural evolution via neighborhood restructuring in intricate multi-layered networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Almakhlafi & Knowles(2012)] Almakhlafi A, Knowles J, 2012 “Benchmarks for maintenance scheduling problems in power generation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Alsheddy & Kampouridis(2012)] Alsheddy A, Kampouridis M, 2012 “Off-line parameter tuning for guided local search using genetic programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Alvares et al.(2012)Alvares, Buarque, & Marwala] Alvares M, Buarque F, Marwala T, 2012 “Optimizing risk management using NSGA-II” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Amaral & Hruschka(2012)] Amaral L, Hruschka E, 2012 “Never-ending learning principles in gene ontology classification using genetic algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Anh et al.(2012)Anh, Luis, & Francisco] Anh H T, Luis M P, Francisco C S, 2012 “Intention recognition, commitment and the evolution of cooperation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Arias-Montano et al.(2012)Arias-Montano, Coello Coello, & Mezura-Montes] Arias-Montano A, Coello Coello C A, Mezura-Montes E, 2012 “Multi-objective airfoil shape optimization using a multiple-surrogate approach” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Asafuddoula et al.(2012)Asafuddoula, Ray, Sarker, & Alam] Asafuddoula M, Ray T, Sarker R, Alam K, 2012 “An adaptive constraint handling approach embedded MOEA/D” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ashlock & Ashlock(2012)] Ashlock D, Ashlock W, 2012 “Impact of regulatory genes on optimization behavior” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ashlock & McNicholas(2012)] Ashlock D, McNicholas S, 2012 “Single parent generalization of cellular automata rules” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Atyabi et al.(2012a)Atyabi, Luerssen, Fitzgibbon, & Powers] Atyabi A, Luerssen M, Fitzgibbon S P, Powers D M W, 2012a “Adapting subject-independent task-specific EEG feature masks using PSO” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Atyabi et al.(2012b)Atyabi, Luerssen, Fitzgibbon, & Powers] Atyabi A, Luerssen M, Fitzgibbon S P, Powers D M W, 2012b “Dimension reduction in EEG data using particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Atyabi et al.(2012c)Atyabi, Luerssen, Fitzgibbon, & Powers] Atyabi A, Luerssen M, Fitzgibbon S P, Powers D M W, 2012c “Evolutionary feature selection and electrode reduction for EEG classification” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Au & Leung(2012)] Au C K, Leung H F, 2012 “Eigenspace sampling in the mirrored variant of (1,lambda)-CMA-ES” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Avasarala & Bonissone(2012)] Avasarala V, Bonissone P, 2012 “iPresage: An innovative patent landscaping tool” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Balazs & Koczy(2012)] Balazs K, Koczy L T, 2012 “Hybrid bacterial iterated greedy heuristics for the permutation flow shop problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Balcar et al.(2012)Balcar, Pilat, & Neruda] Balcar S, Pilat M, Neruda R, 2012 “An evolutionary algorithm for 2D semi-guillotinable circular saw cutting” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bansal et al.(2012)Bansal, Srivastava, & Srivastava] Bansal R, Srivastava K, Srivastava S, 2012 “A hybrid evolutionary algorithm for the cutwidth minimization problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Barmada et al.(2012)Barmada, Raugi, & Tucci] Barmada S, Raugi M, Tucci M, 2012 “Global optimization algorithm based on self-organizing centroids” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bashir & Neville(2012a)] Bashir H, Neville R, 2012a “Convergence measurement in evolutionary computation using Price’s theorem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bashir & Neville(2012b)] Bashir H, Neville R, 2012b “A hybrid evolutionary computation algorithm for global optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Baydin & de Mantaras(2012)] Baydin A G, de Mantaras R L, 2012 “Evolution of ideas: A novel memetic algorithm based on semantic networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Beer et al.(2012)Beer, Hendtlass, & Montgomery] Beer C, Hendtlass T, Montgomery J, 2012 “Improving exploration in ant colony optimisation with antennation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Benedicic et al.(2012)Benedicic, Stular, & Korosec] Benedicic L, Stular M, Korosec P, 2012 “Balancing downlink and uplink soft-handover areas in UMTS networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bhowmik et al.(2012)Bhowmik, Rakshit, Konar, Kim, & Nagar] Bhowmik P, Rakshit P, Konar A, Kim E, Nagar A K, 2012 “DE-TDQL: An adaptive memetic algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bidlo & Vasicek(2012)] Bidlo M, Vasicek Z, 2012 “Evolution of cellular automata using instruction-based approach” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bodas-Sagi et al.(2012)Bodas-Sagi, Soltero, Hidalgo, Fernandez-Blanco, & de Vega] Bodas-Sagi D, Soltero F J, Hidalgo J I, Fernandez-Blanco P, de Vega F F, 2012 “A technique for the optimization of the parameters of technical indicators with multi-objective evolutionary algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bonyadi & Michalewicz(2012)] Bonyadi M R, Michalewicz Z, 2012 “A fast particle swarm optimization algorithm for the multidimensional knapsack problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Borges et al.(2012)Borges, Ferrari, & de Castro] Borges E, Ferrari D G, de Castro L N, 2012 “Silhouette-based clustering using an immune network” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Brabazon et al.(2012)Brabazon, Silva, & O’Neill] Brabazon A, Silva A, O’Neill M, 2012 “Optimal patent design: An agent-based approach” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Brest et al.(2012)Brest, Boskovic, Zamuda, Fister, & Maucec] Brest J, Boskovic B, Zamuda A, Fister I, Maucec M S, 2012 “Self-adaptive differential evolution algorithm with a small and varying population size” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Britto & Pozo(2012)] Britto A, Pozo A, 2012 “Using archiving methods to control convergence and diversity for many-objective problems in particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Britto et al.(2012)Britto, Neto, Rabelo, Ayala, & Soares] Britto R, Neto P S, Rabelo R, Ayala W, Soares T, 2012 “A hybrid approach to solve the agile team allocation problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bruck et al.(2012)Bruck, Santos, & Arroyo] Bruck B, Santos A, Arroyo J, 2012 “Hybrid metaheuristic for the single vehicle routing problem with deliveries and selective pickups” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bui et al.(2012)Bui, Bender, & Abbass] Bui V, Bender A, Abbass H, 2012 “An expressive GL-2 grammar for representing story-like scenarios” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Buijs et al.(2012)Buijs, van Dongen, & van der Aals] Buijs J, van Dongen B, van der Aals W, 2012 “A genetic algorithm for discovering process trees” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Bukhtoyarov & Semenkin(2012)] Bukhtoyarov V, Semenkin E, 2012 “Neural networks ensemble approach for detecting attacks in computer networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Caamano et al.(2012)Caamano, Bellas, Becerra, Diaz, & Duro] Caamano P, Bellas F, Becerra J A, Diaz V, Duro R J, 2012 “Experimental analysis of the relevance of fitness landscape topographical characterization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Cai et al.(2012)Cai, Hu, Das, & Welch] Cai X, Hu Z, Das S, Welch S, 2012 “A hierarchical pareto dominance based multi-objective approach for the optimization of gene regulatory network models” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Campomanes-Alvarez et al.(2012)Campomanes-Alvarez, Damas, & Cordon] Campomanes-Alvarez B R, Damas S, Cordon O, 2012 “Mesh simplification for 3D modeling using evolutionary multi-objective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Cancino et al.(2012)Cancino, Boukhelifa, & Lutton] Cancino W, Boukhelifa N, Lutton E, 2012 “EvoGraphDice: Interactive evolution for visual analytics” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Cao et al.(2012)Cao, Recknagel, & Orr] Cao H, Recknagel F, Orr P T, 2012 “The experimental study of population-based parameter optimization algorithms on rule-based ecological modelling” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Carraro & de Castro(2012)] Carraro L A, de Castro L N, 2012 “A clonal selection algorithm to minimize reshuffling in container stacking operations” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Castle & Johnson(2012)] Castle T, Johnson C, 2012 “Evolving program trees with limited scope variable declarations” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Cepeda et al.(2012)Cepeda, Rueda, & Erlich] Cepeda J, Rueda J, Erlich I, 2012 “Identification of dynamic equivalents based on heuristic optimization for smart grid applications” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Cervante et al.(2012)Cervante, Xue, Zhang, & Shang] Cervante L, Xue B, Zhang M, Shang L, 2012 “Binary particle swarm optimisation for feature selection: A filter based approach” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chaari et al.(2012)Chaari, Koubaa, Bennaceur, Trigui, & Al-Shalfan] Chaari I, Koubaa A, Bennaceur H, Trigui S, Al-Shalfan K, 2012 “smartPATH: A hybrid ACO-GA algorithm for robot path planning” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chakraborty et al.(2012)Chakraborty, Das, & Abbott] Chakraborty U, Das S, Abbott T, 2012 “Energy-efficient routing in hierarchical wireless sensor networks using differential-evolution-based memetic algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chan et al.(2012)Chan, Ling, Nguyen, & Jiang] Chan K Y, Ling S H, Nguyen H, Jiang F, 2012 “A hypoglycemic episode diagnosis system based on neural networks for type 1 diabetes mellitus” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chang et al.(2012)Chang, Chin, Teo, & Mountstephens] Chang K T, Chin K O, Teo J, Mountstephens J, 2012 “Game AI generation using evolutionary multi-objective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chen et al.(2012a)Chen, Liang, & Liu] Chen A H L, Liang Y C, Liu C C, 2012a “An artificial bee colony algorithm for the cardinality-constrained portfolio optimization problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chen et al.(2012b)Chen, Tsai, & Yang] Chen J L, Tsai C W, Yang C S, 2012b “An improved LGA for protein-ligand docking prediction” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chen & Wang(2012)] Chen M L, Wang F S, 2012 “Fuzzy optimization for a batch simultaneous saccharification and co-fermentation process by hybrid differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chen(2012)] Chen S, 2012 “Particle swarm optimization with pbest crossover” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chen et al.(2012c)Chen, Xudiera, & Montgomery] Chen S, Xudiera C, Montgomery J, 2012c “Simulated annealing with threshold convergence” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chen & Gostoli(2012)] Chen S H, Gostoli U, 2012 “Coordination in the El Farol bar problem: The role of social preferences and social networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Cheng et al.(2012a)Cheng, Yao, Xue, & Shen] Cheng R, Yao M, Xue X, Shen B, 2012a “Bisexual evolution: A novel bisexual evolutionary framework based on the fisher’s runaway process” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Cheng et al.(2012b)Cheng, Shi, & Qin] Cheng S, Shi Y, Qin Q, 2012b “Dynamical exploitation space reduction in particle swarm optimization for solving large scale problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Cheng et al.(2012c)Cheng, Shi, & Qin] Cheng S, Shi Y, Qin Q, 2012c “Particle swarm optimization based semi-supervised learning on chinese text categorization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Cheng et al.(2012d)Cheng, Shi, & Qin] Cheng S, Shi Y, Qin Q, 2012d “Population diversity based study on search information propagation in particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Cheung et al.(2012)Cheung, Valdes, & Li] Cheung C, Valdes J J, Li M, 2012 “Use of evolutionary computation techniques for exploration and prediction of helicopter loads” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chikumbo et al.(2012)Chikumbo, Goodman, & Deb] Chikumbo O, Goodman E, Deb K, 2012 “Approximating a multi-dimensional Pareto front for a land use management problem: A modified MOEA with an epigenetic silencing metaphor” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chiong & Kirley(2012)] Chiong R, Kirley M, 2012 “The evolution of cooperation via stigmergic interactions” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chira et al.(2012)Chira, Gog, & Iclanzan] Chira C, Gog A, Iclanzan D, 2012 “Evolutionary detection of community structures in complex networks: a new fitness function” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ch’ng & Teo(2012)] Ch’ng S H, Teo J, 2012 “Online evolution of offensive strategies in real-time strategy gaming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chow & Yuen(2012)] Chow C K, Yuen S Y, 2012 “Continuous non-revisiting genetic algorithm with overlapped search sub-region” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Chowdhury et al.(2012)Chowdhury, Chetty, & Vinh] Chowdhury A, Chetty M, Vinh N, 2012 “Adaptive regulatory genes cardinality for reconstructing genetic networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ciesielski et al.(2012)Ciesielski, Lam, & Nguyen] Ciesielski V, Lam B, Nguyen M L, 2012 “Comparison of evolutionary and conventional feature extraction methods for malt classification” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Coelho et al.(2012)Coelho, Wanner, Souza, Carrano, & Purshouse] Coelho D G, Wanner E F, Souza S R, Carrano E G, Purshouse R C, 2012 “A multiobjective evolutionary algorithm for the 2D guillotine strip packing problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Conesa-Munoz et al.(2012)Conesa-Munoz, Ribeiro, Andujar, Fernandez-Quintanilla, & Dorado] Conesa-Munoz J, Ribeiro A, Andujar D, Fernandez-Quintanilla C, Dorado J, 2012 “Multi-path planning based on a NSGA-II for a fleet of robots to work on agricultural tasks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Conti et al.(2012)Conti, Roisenberg, & Neto] Conti C R, Roisenberg M, Neto G S, 2012 “Acor-v - an algorithm that incorporates the visibility heuristic to the ACO in continuous domain” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Couckuyt et al.(2012)Couckuyt, Deschrijver, & Dhaene] Couckuyt I, Deschrijver D, Dhaene T, 2012 “Towards efficient multiobjective optimization: Multiobjective statistical criterions” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Cussat-Blanc et al.(2012)Cussat-Blanc, Sanchez, & Duthen] Cussat-Blanc S, Sanchez S, Duthen Y, 2012 “Simultaneous cooperative and conflicting behaviors handled by a gene regulatory network” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Dahlstedt(2012)] Dahlstedt P, 2012 “Turn-based evolution as a proposed implementation of artistic creative process” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Daniels et al.(2012)] Daniels B, Corns S, Cudney E, 2012 “A comparison of representations for the prediction of ground-level ozone concentration” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Dao et al.(2012)] Dao, Quang Uy Nguyen, Xuan Hoai Nguyen, & McKay] Dao N P, Quang Uy Nguyen, Xuan Hoai Nguyen, McKay R I B, 2012 “Evolving approximations for the Gaussian Q-function by genetic programming with semantic based crossover” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Datta et al.(2012)] Datta, Bittermann, Deb, & Ciftcioglu] Datta R, Bittermann M S, Deb K, Ciftcioglu O, 2012 “Probabilistic constraint handling in the framework of joint evolutionary-classical optimization with engineering applications” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Datta & Deb(2012)] Datta R, Deb K, 2012 “An adaptive normalization based constrained handling methodology with hybrid bi-objective and penalty function approach” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [de Armas et al.(2012)] de Armas, Gonzalez, Miranda, & Leon] de Armas J, Gonzalez Y, Miranda G, Leon C, 2012 “Parallelization of the multi-objective container loading problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [De Weerd et al.(2012)] De Weerd, vanden Broucke, Vanthienen, & Baesens] De Weerd J, vanden Broucke S, Vanthienen J, Baesens B, 2012 “Leveraging process discovery with trace clustering and text mining for intelligent analysis of incident management processes” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Deb & Jain(2012)] Deb K, Jain H, 2012 “Handling many-objective problems using an improved NSGA-II procedure” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Deep et al.(2012a)] Deep, Chauhan, & Pant] Deep K, Chauhan P, Pant M, 2012a “Multi task selection including part mix, tool allocation and process plans in CNC machining centers using new binary PSO” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Deep et al.(2012b)] Deep, Chauhan, & Pant] Deep K, Chauhan P, Pant M, 2012b “Totally disturbed chaotic particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Dias & Pacheco(2012)] Dias D, Pacheco M A, 2012 “Describing quantum-inspired linear genetic programming from symbolic regression problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Dick(2012)] Dick G, 2012 “Niche allocation in spatially-structured evolutionary algorithms with gradients” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Dorransoro & Bouvry(2012)] Dorransoro B, Bouvry P, 2012 “Study of different small-world topology generation mechanisms for genetic algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Dower(2012)] Dower S, 2012 “Automatic implementation of evolutionary algorithms on GPUs using ESDL” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Dridi et al.(2012)] Dridi O, Krichen S, Guitouni A, 2012 “A multi-objective optimization approach for resource assignment and task scheduling problem: Application to maritime domain awareness” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Duhain & Engelbrecht(2012)] Duhain J, Engelbrecht A, 2012 “Towards a more complete classification system for dynamically changing environments” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Duma et al.(2012)] Duma M, Twala B, Marwala T, Nelwamondo F, 2012 “Classification with missing data using multi-layered artificial immune systems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [El-Abd(2012)] El-Abd M, 2012 “Generalized opposition-based artificial bee colony algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [El-Abd & Kamel(2012)] El-Abd M, Kamel M, 2012 “Particle swarm optimization with adaptive bounds” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [El-Bouri(2012)] El-Bouri A, 2012 “An investigation of initial solutions on the performance of an iterated local search algorithm for the permutation flowshop” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Elsayed et al.(2012a)] Elsayed S, Sarker R, Essam D, 2012a “Memetic multi-topology particle swarm optimizer for constrained optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Elsayed et al.(2012b)] Elsayed S, Sarker R, Ray T, 2012b “Parameters adaptation in differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Engelbrecht(2012)] Engelbrecht A, 2012 “Particle swarm optimization: Velocity initialization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Epitropakis et al.(2012a)] Epitropakis M, Plagianakos V, Vrahatis M, 2012a “Multimodal optimization using niching differential evolution with index-based neighborhoods” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Epitropakis et al.(2012b)] Epitropakis M, Tasoulis D, Pavlidis N, Plagianakos V, Vrahatis M, 2012b “Tracking particle swarm optimizers: An adaptive approach through multinomial distribution tracking with exponential forgetting” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ernst & Singh(2012)] Ernst A, Singh G, 2012 “Lagrangian particle swarm optimization for a resource constrained machine scheduling problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Esteves et al.(2012)] Esteves V M, Sousa J M, Silva C A, Pova A P B, Gomes M I, 2012 “Scant-design: Closed loop supply chain design using ant colony optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Faccioli et al.(2012)] Faccioli R, Nunes da Silva I, Bortot L, Delbem A, 2012 “A mono-objective evolutionary algorithm with GROMACS for protein structure prediction in structural and energetic contexts” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)



- [Fajfar(2012)] Fajfar I, 2012 “Selection strategies and random perturbations in differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Falcon & Abielmona(2012)] Falcon R, Abielmona R, 2012 “A response-aware risk management framework for search-and-rescue operations” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Fang et al.(2012a)]Fang, Sun, Wu, Xu, & Vasile] Fang W, Sun J, Wu X, Xu W, Vasile P, 2012a “Study on the compression-expansion coefficient in drift particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Fang et al.(2012b)]Fang, Kocejka, Zhan, Dozier, & Dipankar] Fang X, Kocejka N, Zhan J, Dozier G, Dipankar D, 2012b “An artificial immune system for phishing detection” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Feng et al.(2012)]Feng, Ong, Tsang, & Tan] Feng L, Ong Y S, Tsang I, Tan A H, 2012 “An evolutionary search paradigm that learns with past experiences” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Feng & Song(2012)] Feng X, Song A, 2012 “Evolving frame splitters by genetic programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ficici et al.(2012)]Ficici, Liu, & Fogel] Ficici S G, Liu E, Fogel G B, 2012 “Evolutionary algorithms for supertree search” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Filipic & Lorencin(2012)] Filipic B, Lorencin I, 2012 “Evolutionary multiobjective design of an alternative energy supply system” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Fister et al.(2012)]Fister, Fister, Jr., Brest, & Zumer] Fister I, Fister, Jr. I, Brest J, Zumer V, 2012 “Memetic artificial bee colony algorithm for large-scale global optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Fonseca et al.(2012)]Fonseca, Barbosa, & Lemonge] Fonseca L, Barbosa H, Lemonge A, 2012 “A study on fitness inheritance for enhanced efficiency in real-coded genetic algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Forghany et al.(2012)]Forghany, Davarynejad, & Snaar-Jagalska] Forghany Z, Davarynejad M, Snaar-Jagalska E, 2012 “Gene regulatory network model identification using artificial bee colony and swarm intelligence” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Fu et al.(2012a)]Fu, Sendhoff, Tang, & Yao] Fu H, Sendhoff B, Tang K, Yao X, 2012a “Characterizing environmental changes in robust optimization over time” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Fu et al.(2012b)]Fu, Johnston, & Zhang] Fu W, Johnston M, Zhang M, 2012b “Genetic programming for edge detection via balancing individual training images” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Fu et al.(2012c)]Fu, Johnston, & Zhang] Fu W, Johnston M, Zhang M, 2012c “Soft edge maps from edge detectors evolved by genetic programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Gagne & Zinflou(2012)] Gagne C, Zinflou A, 2012 “An hybrid algorithm for the industrial car sequencing problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Gagne & Congdon(2012)] Gagne D J, Congdon C B, 2012 “Preliminary results for GAMMI: Genetic algorithms for motif-module inference” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Gao et al.(2012)Gao, Suganthan, & Bao] Gao K, Suganthan P N, Bao Z, 2012 “A composite heuristic for the no-wait flow shop scheduling” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ghosh et al.(2012a)Ghosh, Chowdhury, Sinha, Vasilakos, & Das] Ghosh A, Chowdhury A, Sinha S, Vasilakos A V, Das S, 2012a “A genetic lbest PSO with dynamically varying subswarm topology” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ghosh et al.(2012b)Ghosh, Ghosh, Chowdhury, Konar, Kim, & Nagar] Ghosh A, Ghosh A, Chowdhury A, Konar A, Kim E, Nagar A K, 2012b “Linear phase low pass FIR filter design using genetic particle swarm optimization with dynamically varying neighborhood technique” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Goh et al.(2012)Goh, Tang, Peto, & Saleh] Goh J, Tang L, Peto T, Saleh G, 2012 “An evolutionary approach for determining hidden markov model for medical image analysis” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Gong et al.(2012a)Gong, Yang, Sun, & Li] Gong D, Yang L, Sun X, Li M, 2012a “Applying knowledge of users with similar preference to construct surrogate models of IGAs” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Gong et al.(2012b)Gong, Cai, Li, & Ma] Gong M, Cai Q, Li Y, Ma J, 2012b “An improved memetic algorithm for community detection in complex networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Gong & Shuai(2012)] Gong T, Shuai L, 2012 “A cross-model study on the effect of power-laws on language evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Greenwood & Ashlock(2012)] Greenwood G, Ashlock D, 2012 “Evolutionary games and the study of cooperation: Why has so little progress been made?” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Grobler et al.(2012)Grobler, Engelbrecht, Kendall, & Yadavalli] Grobler J, Engelbrecht A P, Kendall G, Yadavalli S, 2012 “Investigating the use of local search for improving meta-hyper-heuristic performance” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Gruenewald et al.(2012)Gruenewald, Hardt, Mielke, & Brueck] Gruenewald A, Hardt S, Mielke M, Brueck R, 2012 “A decentralized charge management for electric vehicles using a genetic algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [guan Wang et al.(2012)guan Wang, biao Ling, Zhang, & ping Wang] guan Wang W, biao Ling Y, Zhang J, ping Wang Y, 2012 “Ant colony optimization algorithm for analog filter design” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Guderian et al.(2012a)Guderian, Schaffer, & Fettweis] Guderian F, Schaffer R, Fettweis G, 2012a “Administration- and communication-aware IP core mapping in scalable multiprocessor system-on-chips via evolutionary computing” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Guderian et al.(2012b)Guderian, Schaffer, & Fettweis] Guderian F, Schaffer R, Fettweis G, 2012b “Dimensioning the heterogeneous multicluster architecture via parallelism analysis and evolutionary computing” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Gunnarsen et al.(2012)Gunnarsen, Smith-Miles, & Lee] Gunnarsen S, Smith-Miles K, Lee V, 2012 “Towards objective data selection in bankruptcy prediction” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Guo et al.(2012)Guo, neng Chen, & Zhang] Guo Y, neng Chen W, Zhang J, 2012 “Enhancing the performance of evolutionary algorithms—a novel maturity-based adaptation strategy” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hadka et al.(2012)Hadka, Reed, & Simpson] Hadka D, Reed P, Simpson T, 2012 “Diagnostic assessment of the Borg MOEA for many-objective product family design problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hamza et al.(2012)Hamza, Sarker, & Essam] Hamza N, Sarker R, Essam D, 2012 “Differential evolution with a mix of constraint consensus methods for solving a real-world optimization problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hanada et al.(2012)Hanada, Hosokawa, Ono, & Muneyasu] Hanada Y, Hosokawa N, Ono K, Muneyasu M, 2012 “Effectiveness of multi-step crossover fusions in genetic programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hancer et al.(2012)Hancer, Ozturk, & Karaboga] Hancer E, Ozturk C, Karaboga D, 2012 “Artificial bee colony based image clustering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Handa(2012)] Handa H, 2012 “Use of graph kernels in estimation of distribution algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hanif & Smith(2012)] Hanif A, Smith R, 2012 “Generation path-switching in sequential Monte-Carlo methods” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hardhienata et al.(2012)Hardhienata, Merrick, & Ugrinovskii] Hardhienata M, Merrick K, Ugrinovskii V, 2012 “Task allocation in multi-agent systems using models of motivation and leadership” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Haynes et al.(2012)Haynes, Corns, & Venayagamoorthy] Haynes D, Corns S, Venayagamoorthy G, 2012 “An exponential moving average algorithm: Evolutionary algorithms applied to sudoku puzzles” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [He & Yen(2012)] He Z, Yen G, 2012 “A new fitness evaluation method based on fuzzy logic in multiobjective evolutionary algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Helbig & Engelbrecht(2012)] Helbig M, Engelbrecht A, 2012 “Analyses of guide update approaches for vector evaluated particle swarm optimisation on dynamic multi-objective optimisation problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hendtlass(2012)] Hendtlass T, 2012 “Restarting particle swarm optimisation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Herbawi & Weber(2012a)] Herbawi W, Weber M, 2012a “A genetic local search algorithm for multiobjective time-dependent route planning” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Herbawi & Weber(2012b)] Herbawi W, Weber M, 2012b “The ridematching problem with time windows in dynamic ridesharing: A model and a genetic algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Higgs et al.(2012)]Higgs, Stantic, Hoque, & Sattar] Higgs T, Stantic B, Hoque T, Sattar A, 2012 “Refining genetic algorithm twin removal for high-resolution protein structure prediction” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hingston et al.(2012)]Hingston, Masek, & Beard] Hingston P, Masek M, Beard D, 2012 “Using Monte Carlo tree search for replanning in a multistage simultaneous game” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hong et al.(2012)]Hong, Lin, & Chen] Hong T P, Lin F S, Chen C H, 2012 “Using the group genetic algorithm for attribute clustering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hsiao et al.(2012a)]Hsiao, Chiang, & Fu] Hsiao P C, Chiang T C, Fu L C, 2012a “Particle swarm optimization for the minimum energy broadcast problem in wireless ad-hoc networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hsiao et al.(2012b)]Hsiao, Chiang, & Fu] Hsiao P C, Chiang T C, Fu L C, 2012b “A VNS-based hyper-heuristic with adaptive computational budget of local search” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hsu & Chiang(2012)] Hsu W H, Chiang T C, 2012 “A multiobjective evolutionary algorithm with enhanced reproduction operators for the vehicle routing problem with time windows” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Huang et al.(2012a)]Huang, Xu, Deng, Venkataramanan, & Tuong] Huang D, Xu J X, Deng X, Venkataramanan V, Tuong H T C, 2012a “GA based high-order peak filter design with application to compensation of contact-induced vibration in HDD servo systems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Huang et al.(2012b)]Huang, Ong, & Chen] Huang H E, Ong Y S, Chen X, 2012b “Autonomous flock brush for non-photorealistic rendering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hui & Suganthan(2012)] Hui S, Suganthan P N, 2012 “Ensemble differential evolution with dynamic subpopulations and adaptive clearing for solving dynamic optimization problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [hui Zhan et al.(2012)]hui Zhan, Zhang, hui Shi, & Hai-lin] hui Zhan Z, Zhang J, hui Shi Y, Hai-lin L, 2012 “A modified brain storm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Hunt et al.(2012)]Hunt, Neshatian, & Zhang] Hunt R, Neshatian K, Zhang M, 2012 “Scalability analysis of genetic programming classifiers” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Huo et al.(2012a)]Huo, Lien, Yu, & Sun] Huo C L, Lien Y S, Yu Y H, Sun T Y, 2012a “Effectively multi-swarm sharing management for differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Huo et al.(2012b)]Huo, Lin, Lai, Lien, & Sun] Huo C L, Lin S Y, Lai T Y, Lien Y S, Sun T Y, 2012b “Multi-objective differential evolution with taguchi-based adjustable proportional distribution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Hussein & Petering(2012)] Hussein M, Petering M, 2012 “Genetic algorithm-based simulation optimization of stacking algorithms for yard cranes to reduce fuel consumption at seaport container transshipment terminals” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Iclanzan & Chira(2012)] Iclanzan D, Chira C, 2012 “Modeling and replicating higher-order dependencies in genetic algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ishibuchi et al.(2012a)] Ishibuchi H, Hoshino K, Nojima Y, 2012a “Evolution of strategies in a spatial IPD game with a number of different representation schemes” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ishibuchi et al.(2012b)] Ishibuchi H, Hoshino K, Nojima Y, 2012b “Strategy evolution in a spatial IPD game where each agent is not allowed to play against itself” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Izadnia & Ebadzadeh(2012)] Izadnia H, Ebadzadeh M M, 2012 “Adaptive quantum-inspired evolution strategy” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Jaros(2012)] Jaros J, 2012 “Multi-GPU island-based genetic algorithm for solving the knapsack problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Jati et al.(2012)] Jati, Singh, Rakshit, Konar, Kim, & Nagar] Jati A, Singh G, Rakshit P, Konar A, Kim E, Nagar A K, 2012 “A hybridisation of improved harmony search and bacterial foraging for multi-robot motion planning” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Jevne et al.(2012)] Jevne, Haddow, & Gaivoronski] Jevne H, Haddow P, Gaivoronski A, 2012 “Evolving constrained mean-VaR efficient frontiers” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ji et al.(2012)] Ji, Tian, Zhu, & He] Ji Z, Tian T, Zhu Z, He S, 2012 “A memory binary particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Jianchao & Min(2012)] Jianchao F, Min H, 2012 “Nonlinear model predictive control of ball-plate system based on gaussian particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Jiang et al.(2012)] Jiang, Tsai, Hao, & Cao] Jiang Y, Tsai P, Hao Z, Cao L, 2012 “A novel auto-parameters selection process for image segmentation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [jiao Gong & Zhang(2012)] jiao Gong Y, Zhang J, 2012 “Real-time traffic signal control for roundabouts by using a novel PSO-based fuzzy controller” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Jin & Liang(2012)] Jin Q, Liang Z, 2012 “A naive particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Johnson(2012)] Johnson C, 2012 “Search-based evolutionary operators for extensionally-defined search spaces: Applications to image search” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Jones et al.(2012)] Jones, Lovell, Gunn, Morgan, & Zauner] Jones G, Lovell C, Gunn S, Morgan H, Zauner K P, 2012 “Enabling the discovery of computational characteristics of enzyme dynamics” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Jordan & Kroeger(2012)] Jordan C D, Kroeger T, 2012 “An evolutionary algorithm for bilevel optimisation of men’s team pursuit track cycling” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Juan et al.(2012)] Juan, Han-wu, Zhihao, Yue, & Wanning] Juan X, Han-wu C, Zhihao L, Yue R, Wanning Z, 2012 “Quantum secret sharing without exclusive OR of qubits’ measuring results” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Junior et al.(2012)] Junior, Britto, & Pozo] Junior O C, Britto A, Pozo A, 2012 “A comparison of methods for leader selection in many-objective problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kafafy et al.(2012)] Kafafy, Bounekkar, & Bonnevey] Kafafy A, Bounekkar A, Bonnevey S, 2012 “Hybrid metaheuristics based on MOEA/D for 0/1 multiobjective knapsack problems: A comparative study” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kampouridis et al.(2012)] Kampouridis, Glover, Shaghaghi, & Tsang] Kampouridis M, Glover T, Shaghaghi A R, Tsang E, 2012 “Using a genetic algorithm as a decision support tool for the deployment of fiber optic networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Karabulut & Tasgetiren(2012)] Karabulut K, Tasgetiren M F, 2012 “A discrete artificial bee colony algorithm for the traveling salesman problem with time windows” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kattan & Galvan(2012)] Kattan A, Galvan E, 2012 “Evolving radial basis function networks via GP for estimating fitness values using surrogate models” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kelly et al.(2012)] Kelly, Lichodziejewski, & Heywood] Kelly S, Lichodziejewski P, Heywood M I, 2012 “On run time libraries and hierarchical symbiosis” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Khadem et al.(2012)] Khadem, Chan, & Dillon] Khadem S, Chan K Y, Dillon T, 2012 “Optimization of neural network configurations for short-term traffic flow forecasting using orthogonal design” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kim et al.(2012)] Kim, McKay, & Nguyen Xuan Hoai] Kim K, McKay B R, Nguyen Xuan Hoai, 2012 “Implicit bias in grammar-based estimation of distribution genetic programming: The effects of recursive structure” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Knittel(2012)] Knittel A, 2012 “Learning feature hierarchies under reinforcement” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ko et al.(2012)] Ko, Reddy, Kumar, Garg, Bailey, & Hadaegh] Ko G M, Reddy A S, Kumar S, Garg R, Bailey B A, Hadaegh A R, 2012 “Differential evolution-binary particle swarm optimization algorithm for the analysis of aryl beta-diketo acids for HIV-1 integrase inhibition” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Koloseni et al.(2012)] Koloseni, Lampinen, & Luukka] Koloseni D, Lampinen J, Luukka P, 2012 “Differential evolution classifier with optimized distance measures from a pool of distances” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Korosec & Silc(2012)] Korosec P, Silc J, 2012 “The continuous differential ant-stigmergy algorithm applied to dynamic optimization problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Kou et al.(2012)Kou, Xiong, Fang, Zong, & Bian] Kou J, Xiong S, Fang Z, Zong X, Bian F, 2012 “Positive point charge potential field based ACO algorithm for multi-objective evacuation routing optimization problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kovarík & Kordík(2012)] Kovarík O, Kordík P, 2012 “Max-min ant system with linear memory complexity” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kroetz et al.(2012)Kroetz, Centeno, Delgado, Dorini, Fylyk, Vieira, Lucas, & Felisberto] Kroetz M, Centeno T, Delgado M, Dorini L, Fylyk V, Vieira A, Lucas L, Felisberto M, 2012 “Genetic algorithms to automatic weld bead detection in double wall double image digital radiographs” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kromer et al.(2012)Kromer, Snasel, Platos, Kudelka, & Horak] Kromer P, Snasel V, Platos J, Kudelka M, Horak Z, 2012 “An ACO inspired weighting approach for the spectral partitioning of co-authorship networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kudo & Yoshikawa(2012)] Kudo F, Yoshikawa T, 2012 “Knowledge extraction in multi-objective optimization problem based on visualization of pareto solutions” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Kumar & Pant(2012)] Kumar P, Pant M, 2012 “Enhanced mutation strategy for differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lacroix et al.(2012)Lacroix, Molina, & Herrera] Lacroix B, Molina D, Herrera F, 2012 “Region based memetic algorithm with LS chaining” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lakshika et al.(2012)Lakshika, Barlow, & Easton] Lakshika E, Barlow M, Easton A, 2012 “Fidelity and complexity of standing group conversation simulations: A framework for the evolution of multi agent systems through bootstrapping human aesthetic judgments” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lam et al.(2012)Lam, Li, & Wei] Lam A Y, Li V O, Wei Z, 2012 “Chemical reaction optimization for the fuzzy rule learning problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [LaTorre et al.(2012)LaTorre, Muelas, & Pena] LaTorre A, Muelas S, Pena J M, 2012 “Multiple offspring sampling in large scale global optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lattarulo & Parks(2012)] Lattarulo V, Parks G T, 2012 “A preliminary study of a new multi-objective optimization algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Le et al.(2012)Le, Ong, Menzel, Seah, & Sendhoff] Le M N, Ong Y S, Menzel S, Seah C W, Sendhoff B, 2012 “Multi co-objective evolutionary optimization: Cross surrogate augmentation for computationally expensive problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lee et al.(2012a)Lee, Gonzalez, Jacques, & Bugeđa] Lee D, Gonzalez L F, Jacques P, Bugeđa G, 2012a “Multi-objective design optimization of morphing UAV aerofoil/wing using hybridised MOGA” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Lee et al.(2012b)Lee, An, & Oh] Lee L K, An S Y, Oh S Y, 2012b “Robust fingertip extraction with improved skin color segmentation for finger gesture recognition in human-robot interaction” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lee & Cho(2012)] Lee M C, Cho S B, 2012 “Interactive differential evolution for image enhancement application in smart phone” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Legillon et al.(2012)Legillon, Liefoghe, & Talbi] Legillon F, Liefoghe A, Talbi E G, 2012 “CoBRA: A cooperative coevolutionary algorithm for bi-level optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lehmann & Menzel(2012)] Lehmann H, Menzel S, 2012 “Evolvability as concept for the optimal design of free-form deformation control volumes” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Leitao et al.(2012)Leitao, Pereira, & Machado] Leitao A, Pereira F B, Machado P, 2012 “Enhancing cluster geometry optimization with island models” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lemonge et al.(2012)Lemonge, Barbosa, & Bernardino] Lemonge A, Barbosa H, Bernardino H, 2012 “A family of adaptive penalty schemes for steady-state genetic algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lepagnot et al.(2012)Lepagnot, Nakib, Oulhadj, & Siarry] Lepagnot J, Nakib A, Oulhadj H, Siarry P, 2012 “A dynamic multi-agent algorithm applied to challenging benchmark problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Leung et al.(2012)Leung, Zhang, & Yuen] Leung S W, Zhang X, Yuen S Y, 2012 “Multiobjective differential evolution algorithm with opposition-based parameter control” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Li et al.(2012a)Li, Li, Mabu, & Hirasawa] Li B, Li X, Mabu S, Hirasawa K, 2012a “Towards automatic discovery and reuse of subroutines in variable size genetic network programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Li et al.(2012b)Li, Yang, & Yang] Li C, Yang S, Yang M, 2012b “Maintaining diversity by clustering in dynamic environments” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Li et al.(2012c)Li, Li, Mabu, & Hirasawa] Li X, Li B, Mabu S, Hirasawa K, 2012c “A continuous estimation of distribution algorithm by evolving graph structures using reinforcement learning” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Li et al.(2012d)Li, Chen, Liu, & Wu] Li Y, Chen J, Liu R, Wu J, 2012d “A spectral clustering-based adaptive hybrid multi-objective harmony search algorithm for community detection” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Li & Guo(2012)] Li Y, Guo M, 2012 “Phase transition and new fitness function based genetic inductive logic programming algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Li et al.(2012e)Li, Shang, Liang, & Niu] Li Z, Shang Z, Liang J J, Niu B, 2012e “An improved differential evolution for constrained optimization with dynamic constraint-handling mechanism” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)



- [Liang et al.(2012a)Liang, Ma, Qu, & Niu] Liang J J, Ma S T, Qu B Y, Niu B, 2012a “Strategy adaptative memetic crowding differential evolution for multimodal optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liang et al.(2012b)Liang, Qu, Suganthan, & Niu] Liang J J, Qu B, Suganthan P N, Niu B, 2012b “Dynamic multi-swarm particle swarm optimization for multi-objective optimization problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liang et al.(2012c)Liang, X. B, Qu, Niu, & Chen] Liang J J, X. B M, Qu B Y, Niu B, Chen T J, 2012c “Elite multi-group differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liang & Juarez(2012)] Liang Y C, Juarez J R C, 2012 “Multilevel image thresholding using relative entropy and virus optimization algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liao & Ting(2012a)] Liao C C, Ting C K, 2012a “Extending the lifetime of dynamic wireless sensor networks by genetic algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liao & Ting(2012b)] Liao X L, Ting C K, 2012b “Evolutionary algorithms using adaptive mutation for the selective pickup and delivery problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lima et al.(2012)Lima, Carrano, & Takahashi] Lima M, Carrano E, Takahashi R, 2012 “Multiobjective planning of wireless local area networks (wlan) using genetic algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lin & ping Chen(2012)] Lin J Y, ping Chen Y, 2012 “When and what kind of memetic algorithms perform well” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lin et al.(2012)Lin, Ji, Zhu, & He] Lin L, Ji Z, Zhu Z, He S, 2012 “A crown jewel defense strategy based particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ling et al.(2012)Ling, Nguyen, Leung, Chan, & Jiang] Ling S H, Nguyen H, Leung F H, Chan K Y, Jiang F, 2012 “Intelligent fuzzy particle swarm optimization with cross-mutated operation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liu et al.(2012a)Liu, Zhang, Fernandez, & Gielen] Liu B, Zhang Q, Fernandez F V, Gielen G, 2012a “Self-adaptive lower confidence bound: A new general and effective prescreening method for gaussian process surrogate model assisted evolutionary algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liu & Ting(2012)] Liu C H, Ting C K, 2012 “Polyphonic accompaniment using genetic algorithm with music theory” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liu et al.(2012b)Liu, Chen, & Gu] Liu H L, Chen W Q, Gu F, 2012b “A novel multi-objective differential evolutionary algorithm based sub-region search” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liu & Zhong(2012)] Liu J, Zhong W, 2012 “Continuous game dynamics on populations with a cycle structure under weak selection” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Liu et al.(2012c)Liu, Hsu, & Hung] Liu J L, Hsu Y T, Hung C L, 2012c “Development of evolutionary data mining algorithms and their applications to cardiac disease diagnosis” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liu et al.(2012d)Liu, Liu, & Li] Liu R, Liu Y, Li Y, 2012d “An improved method for multi-objective clustering ensemble algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liu et al.(2012e)Liu, Wang, Li, & Xiangrong] Liu R, Wang X, Li Y, Xiangrong Z, 2012e “Multi-objective invasive weed optimization algorithm for clustering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liu et al.(2012f)Liu, Ji, Zhu, & He] Liu W, Ji Z, Zhu Z, He S, 2012f “Survival analysis of gene expression data using PSO based radial basis function networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liu et al.(2012g)Liu, Chung, & Yeh] Liu Y, Chung Y Y, Yeh W C, 2012g “Simplified swarm optimization with sorted local search for golf data classification” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Liu et al.(2012h)Liu, Chen, Xu, Li, & Li] Liu Z, Chen H, Xu J, Li W, Li Z, 2012h “Deterministic secure quantum communication with mutual authentication based on bell measurement” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Logenthiran et al.(2012)Logenthiran, Dipti, Ashwin, & Raj] Logenthiran T, Dipti S, Ashwin M K, Raj T S, 2012 “Optimal sizing of distributed energy resources for integrated microgrids using evolutionary strategy” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lopez & de Antonio(2012)] Lopez O J R, de Antonio A, 2012 “Evolving the way of doing the right thing” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Louzada et al.(2012)Louzada, Camilo-Junior, Vincenzi, & Rodrigues] Louzada J, Camilo-Junior C, Vincenzi A, Rodrigues C, 2012 “An elitist evolutionary algorithm for automatically generating test data” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Lu & Han(2012)] Lu Q, Han Q L, 2012 “A finite-time particle swarm optimization algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ludwig(2012a)] Ludwig S, 2012a “Clonal selection based genetic algorithm for workflow service selection” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ludwig(2012b)] Ludwig S, 2012b “Step-optimized particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ma et al.(2012)Ma, Fei, Ding, & Jin] Ma H, Fei M, Ding Z, Jin J, 2012 “Biogeography-based optimization with ensemble of migration models for global numerical optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Maali & Al-Jumaily(2012)] Maali Y, Al-Jumaily A, 2012 “A novel partially connected cooperative parallel PSO-SVM algorithm: Study based on sleep apnea detection” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Macharet et al.(2012)Macharet, Neto, da Camara Neto, & Campos] Macharet D, Neto A A, da Camara Neto V, Campos M, 2012 “Data gathering tour optimization for Dubins’ vehicles” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Mahlmann et al.(2012)Mahlmann, Togelius, & Yannakakis] Mahlmann T, Togelius J, Yannakakis G N, 2012 “Evolving card sets towards balancing dominion” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Maia et al.(2012)Maia, De Castro, & Caminhas] Maia R, De Castro L, Caminhas W, 2012 “Bee colonies as model for multimodal continuous optimization: The optbees algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Mallipeddi & Lee(2012a)] Mallipeddi R, Lee M, 2012a “Ensemble based face recognition using discriminant PCA features” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Mallipeddi & Lee(2012b)] Mallipeddi R, Lee M, 2012b “Surrogate model assisted ensemble differential evolution algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Martinez & Coello Coello(2012)] Martinez S Z, Coello Coello C A, 2012 “A direct local search mechanism for decomposition-based multi-objective evolutionary algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Matayoshi(2012)] Matayoshi M, 2012 “Landscape information extraction from chromosome based on a quality control approach” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Mavrovouniotis & Yang(2012)] Mavrovouniotis M, Yang S, 2012 “Ant colony optimization with memory-based immigrants for the dynamic vehicle routing problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [McCarthy(2012)] McCarthy P, 2012 “Path-sharing: A new betweenness measure for community identification in networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Meiguins et al.(2012)Meiguins, Limao, Meiguins, Sousa Junior, & Freitas] Meiguins A S G, Limao R C, Meiguins B S, Sousa Junior S F, Freitas A A, 2012 “Autoclustering - an estimation of distribution algorithm for the automatic generation of clustering algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Menchaca-Mendez & Coello Coello(2012)] Menchaca-Mendez A, Coello Coello C A, 2012 “Solving multi-objective optimization problems using differential evolution and a maximin selection criterion” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Meng & Hongliang(2012)] Meng Y, Hongliang G, 2012 “A gene regulatory network based framework for self-organization in mobile sensor networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Merelo Guervos et al.(2012)Merelo Guervos, Mora, Cruz Almaguer, Esparcia-Alcazar, & Cotta] Merelo Guervos J J, Mora A M, Cruz Almaguer J A, Esparcia-Alcazar A I, Cotta C, 2012 “Scaling in distributed evolutionary algorithms with persistent population” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Mezura-Montes & Lopez-Davila(2012)] Mezura-Montes E, Lopez-Davila E A, 2012 “Adaptation and local search in the modified bacterial foraging algorithm for constrained optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Mishra & Gallagher(2012)] Mishra K, Gallagher M, 2012 “Variable screening for reduced dependency modelling in gaussian-based continuous estimation of distribution algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Mitavskiy & He(2012)] Mitavskiy B, He J, 2012 “A polynomial time approximation scheme for a single machine scheduling problem using a hybrid evolutionary algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Mohammadi et al.(2012)Mohammadi, Omidvar, & Li] Mohammadi A, Omidvar M N, Li X, 2012 “Reference point based multi-objective optimization through decomposition” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Montgomery & Chen(2012)] Montgomery J, Chen S, 2012 “A simple strategy for maintaining diversity and reducing crowding in differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Moraglio et al.(2012)Moraglio, Otero, Johnson, Thompson, & Freitas] Moraglio A, Otero F, Johnson C, Thompson S, Freitas A, 2012 “Evolving recursive programs using non-recursive scaffolding” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Moser & Gheorghita(2012)] Moser I, Gheorghita M, 2012 “Combining search space diagnostics and optimisation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Moubayed et al.(2012)Moubayed, hasan, Gan, Petrovski, & McCall] Moubayed N A, hasan B A S, Gan J Q, Petrovski A, McCall J, 2012 “Continuous presentation for multi-objective channel selection in brain-computer interfaces” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Munoz et al.(2012)Munoz, Kirley, & Halgamuge] Munoz M A, Kirley M, Halgamuge S, 2012 “Landscape characterization of numerical optimization problems using biased scattered data” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Murakami(2012)] Murakami K, 2012 “A genetic algorithm for probe testing problem on high-density PCB” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Mussetta et al.(2012a)Mussetta, Grimaccia, & Zich] Mussetta M, Grimaccia F, Zich R E, 2012a “Comparison of different optimization techniques for the design of electromagnetic devices” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Mussetta et al.(2012b)Mussetta, Shadmehr, Grimaccia, Gandelli, & Zich] Mussetta M, Shadmehr H, Grimaccia F, Gandelli A, Zich R, 2012b “Optimization of a radio frequency energy harvesting device” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nag & Pal(2012)] Nag K, Pal T, 2012 “A new archive based steady state genetic algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nascimento & Vasconcelos(2012)] Nascimento A, Vasconcelos G, 2012 “An experimental investigation of artificial immune system algorithms for credit risk assessment applications” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nasir et al.(2012)Nasir, Sengupta, Das, & Suganthan] Nasir M, Sengupta S, Das S, Suganthan P N, 2012 “An improved multi-objective optimization algorithm based on fuzzy dominance for risk minimization in biometric sensor network” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nazmul et al.(2012)Nazmul, Chetty, Samudrala, & Chalmers] Nazmul R, Chetty M, Samudrala R, Chalmers D, 2012 “Protein structure prediction based on optimal hydrophobic core formation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Neumann & Cairns(2012)] Neumann G, Cairns D, 2012 “Targeted EDA adapted for a routing problem with variable length chromosomes” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Ngoko et al.(2012)Ngoko, Goldman, & Trystram] Ngoko Y, Goldman A, Trystram D, 2012 “Malleable resource sharing algorithms for cooperative resolution of problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nguyen & Wood(2012)] Nguyen H, Wood I, 2012 “Variable selection in statistical models using population-based incremental learning with applications to genome-wide association studies” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nguyen et al.(2012a)Nguyen, Kirley, & Garcia-Flores] Nguyen M V, Kirley M, Garcia-Flores R, 2012a “Community evolution in a scientific collaboration network” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nguyen et al.(2012b)Nguyen, Zhang, Johnston, & Chen] Nguyen S, Zhang M, Johnston M, Chen T K, 2012b “A coevolution genetic programming method to evolve scheduling policies for dynamic multi-objective job shop scheduling problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ni et al.(2012)Ni, Li, Qiao, & Wu] Ni J, Li L, Qiao F, Wu Q, 2012 “A novel memetic algorithm based on the comprehensive learning PSO” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nicolau et al.(2012)Nicolau, O’Neill, & Brabazon] Nicolau M, O’Neill M, Brabazon A, 2012 “Termination in grammatical evolution: Grammar design, wrapping, and tails” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nielsen et al.(2012)Nielsen, Dorronsoro, Danoy, & Bouvry] Nielsen S S, Dorronsoro B, Danoy G, Bouvry P, 2012 “Novel efficient asynchronous cooperative co-evolutionary multi-objective algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nikumbh et al.(2012)Nikumbh, Ghosh, & Jayaraman] Nikumbh S, Ghosh S, Jayaraman V, 2012 “Biogeography-based informative gene selection and cancer classification using SVM and random forests” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Nitschke(2012)] Nitschke G, 2012 “Behavioral heterogeneity, cooperation, and collective construction” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Oliveira et al.(2012)Oliveira, Mota, & Barone] Oliveira L O, Mota R L, Barone D A, 2012 “Clonal selection classifier with data reduction: Classification as an optimization task” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Orito et al.(2012)Orito, Yamamoto, & Tsujimura] Orito Y, Yamamoto H, Tsujimura Y, 2012 “Equality constrained long-short portfolio replication by using probabilistic model-building GA” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ortuno et al.(2012)Ortuno, Florido, Urquiza, Pomares, Prieto, & Rojas] Ortuno F, Florido J P, Urquiza J M, Pomares H, Prieto A, Rojas I, 2012 “Optimization of multiple sequence alignment methodologies using a multiobjective evolutionary algorithm based on NSGA-II” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ou & Ou(2012)] Ou C M, Ou C, 2012 “Immune memory with associativity: Perspectives on dynamical systems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Pace et al.(2012)Pace, Cain, & Woodward] Pace S, Cain A, Woodward C, 2012 “A consolidated model of particle swarm optimisation variants” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Pai & Michel(2012)] Pai G A V, Michel T, 2012 “Differential evolution based optimization of risk budgeted equity market neutral portfolios” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Palafox & Hitoshi(2012)] Palafox L, Hitoshi I, 2012 “On the use of population based incremental learning to do reverse engineering on gene regulatory networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Park et al.(2012)Park, Lee, & Kim] Park I W, Lee K B, Kim J H, 2012 “Multi-objective evolutionary algorithm-based optimal posture control of humanoid robots” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Paul et al.(2012)Paul, Kumar, & Singh] Paul S, Kumar S, Singh L, 2012 “Novel hybrid compact genetic algorithm for simultaneous structure and parameter learning of neural networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Pehlivanoglu & Baysal(2012)] Pehlivanoglu Y V, Baysal O, 2012 “Improved particle swarm optimization: Catching the big wave on the surf” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Pei & Takagi(2012)] Pei Y, Takagi H, 2012 “Fourier analysis of the fitness landscape for evolutionary search acceleration” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Perez et al.(2012)Perez, Rohlfshagen, & Lucas] Perez D, Rohlfshagen P, Lucas S, 2012 “The physical travelling salesman problem: WCCI 2012 competition” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Picek et al.(2012)Picek, Golub, & Jakobovic] Picek S, Golub M, Jakobovic D, 2012 “Influence of the crossover operator in the performance of the hybrid taguchi GA” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Pilat & Neruda(2012)] Pilat M, Neruda R, 2012 “An evolutionary strategy for surrogate-based multiobjective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Pirisi et al.(2012)Pirisi, Grimaccia, Mussetta, & Zich] Pirisi A, Grimaccia F, Mussetta M, Zich R E, 2012 “An evolutionary optimized device for energy harvesting from traffic” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Pisani & Lorena(2012)] Pisani P H, Lorena A C, 2012 “Evolutionary neural networks applied to keystroke dynamics: Genetic and immune based” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Poon et al.(2012)Poon, Yin, Poon, Zhang, Liu, & Sze] Poon J, Yin D, Poon S, Zhang R, Liu B, Sze D, 2012 “Co-evolution of symptom-herb relationship” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Puris et al.(2012)Puris, Bello, Molina, & Herrera] Puris A, Bello R, Molina D, Herrera F, 2012 “Optimising real parameters using the information of a mesh of solutions: VMO algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Qiu et al.(2012)Qiu, Zao, & Chou] Qiu J W, Zao J K, Chou Y H, 2012 “A geometrically faithful memetic algorithm for searching sparse representations of EEG signals” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Rabelo et al.(2012a)Rabelo, Fernandes, & Silva] Rabelo R, Fernandes R, Silva I, 2012a “Operational planning of hydrothermal systems based on a fuzzy-PSO approach” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Rabelo et al.(2012b)Rabelo, Lemos, & Barbosa] Rabelo R, Lemos M, Barbosa D, 2012b “Power system harmonics estimation using particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Rada-Vilela et al.(2012)Rada-Vilela, Zhang, & Seah] Rada-Vilela J, Zhang M, Seah W, 2012 “A performance study on the effects of noise and evaporation in particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Raffe et al.(2012)Raffe, Zambetta, & Li] Raffe W, Zambetta F, Li X, 2012 “A survey of procedural terrain generation techniques using evolutionary algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Rahman & Dueck(2012)] Rahman M M, Dueck G, 2012 “An algorithm to find quantum templates” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Rahman et al.(2012)Rahman, Hussain, Scavino, Hannan, & Basri] Rahman M O, Hussain A, Scavino E, Hannan M A, Basri H, 2012 “Object identification using DNA computing algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Rajasekhar et al.(2012)Rajasekhar, Das, & Suganthan] Rajasekhar A, Das S, Suganthan P N, 2012 “Design of fractional order controller for a servohydraulic positioning system with micro artificial bee colony algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ramos & Vazquez(2012)] Ramos J E, Vazquez R A, 2012 “A new objective function to build seismic networks using differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Regnier-Coudert & McCall(2012)] Regnier-Coudert O, McCall J, 2012 “An island model genetic algorithm for Bayesian network structure learning” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Reynolds & Gawasmeh(2012)] Reynolds R, Gawasmeh Y, 2012 “Evolving heterogeneous social fabrics for the solution of real-valued optimization problems using cultural algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Riano & McGinnity(2012)] Riano L, McGinnity T, 2012 “A robot that autonomously improves skills by evolving computational graphs” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Richter & Moser(2012)] Richter J, Moser I, 2012 “A distributed multiobjective approach to negotiations in semi-competitive environments” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Rohler & Chen(2012)] Rohler A B, Chen S, 2012 “Multi-swarm hybrid for multi-modal optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Rotaru & Brudaru(2012)] Rotaru C, Brudaru O, 2012 “Multi-grid cellular genetic algorithm for optimizing variable ordering of ROBDDs” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Roy et al.(2012)Roy, MartInez, Coello Coello, & Sengupta] Roy S, MartInez S Z, Coello Coello C A, Sengupta S, 2012 “A multi-objective evolutionary approach for linear antenna array design and synthesis a multi-objective evolutionary approach for linear antenna array design and synthesis a multi-objective evolutionary approach for linear antenna array design and synthesis” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Ruuska & Miettinen(2012)] Ruuska S, Miettinen K, 2012 “Constructing evolutionary algorithms for bilevel multiobjective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ryu et al.(2012)] Ryu S J, Lee K B, Kim J H, 2012 “Improved version of a multiobjective quantum-inspired evolutionary algorithm with preference-based selection” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Saha & Ray(2012a)] Saha A, Ray T, 2012a “Equality constrained multi-objective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Saha & Ray(2012b)] Saha A, Ray T, 2012b “A repair mechanism for active inequality constraint handling” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sandin et al.(2012)] Sandin, Andrade, Viegas, Madeira, Rocha, Salles, & Goncalves] Sandin I, Andrade G, Viegas F, Madeira D, Rocha L, Salles T, Goncalves M A, 2012 “Aggressive and effective feature selection using genetic programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sandran et al.(2012)] Sandran, Zakaria, & Pal] Sandran T, Zakaria N, Pal A J, 2012 “Performance profile of some hybrid heuristic search techniques using compiler flag selection as a seed example” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sano et al.(2012)] Sano, Shindo, Jin’no, & Saito] Sano R, Shindo T, Jin’no K, Saito T, 2012 “PSO-based multiple optima search systems with switched topology” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Santana et al.(2012a)] Santana, Mendiburu, & Lozano] Santana R, Mendiburu A, Lozano J A, 2012a “An analysis of the use of probabilistic modelling for synaptic connectivity prediction from genomic data” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Santana et al.(2012b)] Santana, Mendiburu, & Lozano] Santana R, Mendiburu A, Lozano J A, 2012b “Structural transfer using EDAs: An application to multi-marker tagging SNP selection” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Santos et al.(2012)] Santos, Takahashi, & Moreira] Santos T, Takahashi R H C, Moreira G J P, 2012 “A CMA stochastic differential equation approach for many-objective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Saraiva & Pinheiro(2012)] Saraiva R, Pinheiro P, 2012 “A novel application of crossover operator to a hybrid optimization framework: investigation into cutting problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sato(2012)] Sato A H, 2012 “Japanese international air travel: The relationship between flight ticket price and geodesic distance” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sato et al.(2012)] Sato, Hasegawa, Bollegala, & Iba] Sato H, Hasegawa Y, Bollegala D, Iba H, 2012 “Probabilistic model building GP with belief propagation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sawai(2012)] Sawai H, 2012 “Reorganizing a new generation airline network based on an ant-colony optimization-inspired small-world network” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)



- [Sayed et al.(2012)Sayed, Esam, & Sarker] Sayed E, Esam D, Sarker R, 2012 “Dependency identification technique for large scale optimization problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Seah et al.(2012)Seah, Ong, Tsang, & Jiang] Seah C W, Ong Y S, Tsang I W, Jiang S, 2012 “Pareto rank learning in multi-objective evolutionary algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Segredo et al.(2012)Segredo, Segura, & Leon] Segredo E, Segura C, Leon C, 2012 “Analysing the robustness of multiobjectivisation parameters with large scale optimisation problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Segretier et al.(2012)Segretier, Clergue, Collard, & Izquierdo] Segretier W, Clergue M, Collard M, Izquierdo L, 2012 “An evolutionary data mining approach on hydrological data with classifier juries” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sekanina et al.(2012)Sekanina, Salajka, & Vasicek] Sekanina L, Salajka V, Vasicek Z, 2012 “Two-step evolution of polymorphic circuits for image multi-filtering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Selvan et al.(2012)Selvan, Muhammad, & Masra] Selvan K V, Muhammad M S, Masra S M W, 2012 “Ensembles of DNA letters for the design of unique DNA library using a modified version of multi-criteria VEDEPSO optimizer” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Semenkin & Semenkina(2012)] Semenkin E, Semenkina M, 2012 “Self-configuring genetic programming algorithm with modified uniform crossover” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sengupta et al.(2012a)Sengupta, Chakraborti, Konar, Kim, & Nagar] Sengupta A, Chakraborti T, Konar A, Kim E, Nagar A K, 2012a “An adaptive memetic algorithm using a synergy of differential evolution and learning automata” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sengupta et al.(2012b)Sengupta, Das, Nasir, Vasilakos, & Pedrycz] Sengupta S, Das S, Nasir M, Vasilakos A V, Pedrycz W, 2012b “Energy-efficient differentiated coverage of dynamic objects using an improved evolutionary multi-objective optimization algorithm with fuzzy-dominance” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Seredynski et al.(2012)Seredynski, Danoy, Masoud, Bouvry, & Yoann] Seredynski M, Danoy G, Masoud T, Bouvry P, Yoann P, 2012 “Generation of realistic mobility for VANETs using genetic algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sergeevich & Bartlett(2012)] Sergeevich A, Bartlett S, 2012 “Optimizing qubit Hamiltonian parameter estimation algorithm using PSO” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Setayesh et al.(2012)Setayesh, Mengjie, & Mark] Setayesh M, Mengjie Z, Mark J, 2012 “Effects of static and dynamic topologies in particle swarm optimisation for edge detection in noisy images” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Shang et al.(2012)Shang, Zhihui, Liang, & Niu] Shang Z, Zhihui L, Liang J J, Niu B, 2012 “Control parameters self-adaptation in differential” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Shao & Er(2012)] Shao Z, Er M J, 2012 “A review of inverse reinforcement learning theory and recent advances” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sharifi et al.(2012)Sharifi, Noroozi, Bashiri, Hashemi, & Meybodi] Sharifi A, Noroozi V, Bashiri M, Hashemi A B, Meybodi M R, 2012 “Two phased cellular PSO: A new collaborative cellular algorithm for optimization in dynamic environments” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sharma et al.(2012a)Sharma, Pant, & Bansal] Sharma T K, Pant M, Bansal J C, 2012a “Artificial bee colony with mean mutation operator for better exploitation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sharma et al.(2012b)Sharma, Pant, & Bansal] Sharma T K, Pant M, Bansal J C, 2012b “Some modifications to enhance the performance of artificial bee colony” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Shelokar et al.(2012)Shelokar, Quirin, & Cordon] Shelokar P, Quirin A, Cordon O, 2012 “Automatic extraction of common research areas in world scientograms using the multiobjective subdue algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Shelton et al.(2012)Shelton, Dozier, Adams, & Alford] Shelton J, Dozier G, Adams J, Alford A, 2012 “Permutation-based biometric authentication protocols for mitigating replay attacks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Shen et al.(2012)Shen, Laio, & Chen] Shen T W, Laio T F, Chen S T, 2012 “Hormone concentration inception: Development an artificial immune system with immunomodulator (AIS) intervention” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Shi et al.(2012)Shi, Yin, & Song] Shi Q, Yin W, Song A, 2012 “Analysis of motion detectors evolved by genetic programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Shim et al.(2012a)Shim, Tan, & Tan] Shim V A, Tan K C, Tan K K, 2012a “A hybrid adaptive evolutionary algorithm in the domination-based and decomposition-based frameworks of multi-objective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Shim et al.(2012b)Shim, Tan, & Tan] Shim V A, Tan K C, Tan K K, 2012b “A hybrid estimation of distribution algorithm for solving the multi-objective multiple traveling salesman problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Shimoyama et al.(2012)Shimoyama, Sato, Jeong, & Obayashi] Shimoyama K, Sato K, Jeong S, Obayashi S, 2012 “Comparison of the criteria for updating kriging response surface models in multi-objective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Si et al.(2012)Si, Wang, & Wu] Si C, Wang L, Wu Q, 2012 “Mapping constrained optimization problems to algorithms and constraint handling techniques” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Siegmund et al.(2012)Siegmund, Ng, & Deb] Siegmund F, Ng A H, Deb K, 2012 “Finding a preferred diverse set of pareto-optimal solutions for a limited number of function calls” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Silveira et al.(2012)Silveira, Tanscheit, & Vellasco] Silveira L, Tanscheit R, Vellasco M, 2012 “Quantum-inspired genetic algorithms applied to ordering combinatorial optimization problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Sinha et al.(2012a)Sinha, Malo, & Deb] Sinha A, Malo P, Deb K, 2012a “Unconstrained scalable test problems for single-objective bilevel optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sinha et al.(2012b)Sinha, Pandey, & Deb] Sinha A, Pandey A, Deb K, 2012b “Solving high objective problems in fixed interactions with the decision maker” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sinha et al.(2012c)Sinha, Bhola, Panchal, Singhal, & Abraham] Sinha S, Bhola A, Panchal V, Singhal S, Abraham A, 2012c “Resolving mixed pixel using hybridization of ant colony optimization and biogeography based optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Siriwardana & Halgamuge(2012)] Siriwardana J, Halgamuge S, 2012 “Fast shortest path optimization inspired by shuttle streaming of physarum polycephalum” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Smith-Miles & Tan(2012)] Smith-Miles K, Tan T, 2012 “Measuring algorithm footprints in instance space” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Soam et al.(2012)Soam, Palafox, & Iba] Soam V, Palafox L, Iba H, 2012 “Multi-objective portfolio optimization and rebalancing using genetic algorithms with local search” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Srivastava & Anand(2012)] Srivastava S, Anand Y, 2012 “An intelligent system to address occupational health of workers exposed to high risk jobs” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Stringer et al.(2012)Stringer, Lamont, & Akers] Stringer J, Lamont G, Akers G, 2012 “Radar phase-coded waveform design using multi-objective evolutionary algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sun et al.(2012a)Sun, Yang, Gong, & Li] Sun X, Yang L, Gong D, Li M, 2012a “Interactive genetic algorithm assisted with group decision making-based collective intelligence” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Sun et al.(2012b)Sun, Lam, Li, Xu, & Yu] Sun Y, Lam A Y, Li V O, Xu J, Yu J J, 2012b “Chemical reaction optimization for the optimal power flow problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Szabo & Kroeger(2012)] Szabo C, Kroeger T, 2012 “Evolving multi-objective strategies for task allocation of scientific workflows on public clouds” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Takahama & Sakai(2012a)] Takahama T, Sakai S, 2012a “Differential evolution with dynamic strategy and parameter selection by detecting landscape modality” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Takahama & Sakai(2012b)] Takahama T, Sakai S, 2012b “Efficient constrained optimization by the epsilon constrained rank-based differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Takahama & Sakai(2012c)] Takahama T, Sakai S, 2012c “Large scale optimization by differential evolution with landscape modality detection and a diversity archive” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Takahiro et al.(2012)Takahiro, Takuya, Takayuki, & Kenya] Takahiro T, Takuya S, Takayuki K, Kenya J, 2012 “A relationship between network topology and search performance of PSO” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Takano & Osana(2012)] Takano M, Osana Y, 2012 “Automatic composition system using genetic algorithm and n-gram model considering melody blocks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Takenouchi et al.(2012)Takenouchi, Tokumaru, & Muranaka] Takenouchi H, Tokumaru M, Muranaka N, 2012 “Performance evaluation of interactive evolutionary computation with tournament-style evaluation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tan(2012)] Tan S C, 2012 “Simplifying and improving swarm-based clustering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tanaka & Takahama(2012)] Tanaka M, Takahama T, 2012 “Restoration of motion-blurred line drawings by differential evolution and Richardson-Lucy algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tang et al.(2012)Tang, Alam, Lokan, & Abbass] Tang J, Alam S, Lokan C, Abbass H, 2012 “A multi-objective evolutionary method for dynamic airspace re-sectorization using sectors clipping and similarities” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tang(2012)] Tang M, 2012 “Evolutionary placement of continuously operating reference stations of network real-time kinematic” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tao et al.(2012)Tao, Cao, Zhang, Lin, & Li] Tao Y, Cao J, Zhang Y, Lin J, Li M, 2012 “Using module-level evolvable hardware approach in design of sequential logic circuits” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Taroco et al.(2012)Taroco, Carrano, Neto, & Takahashi] Taroco C, Carrano E, Neto O, Takahashi R, 2012 “A faster genetic algorithm for substation location and network design of power distribution systems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tasgetiren et al.(2012)Tasgetiren, Bulut, & Fadiloglu] Tasgetiren M F, Bulut O, Fadiloglu M M, 2012 “A discrete harmony search algorithm for the economic lot scheduling problem with power of two policy” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tasoulis et al.(2012)Tasoulis, Epitropakis, Plagianakos, & Tasoulis] Tasoulis S, Epitropakis M, Plagianakos V, Tasoulis D, 2012 “Density based projection pursuit clustering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ter-Sarkisov(2012)] Ter-Sarkisov A, 2012 “Elitism levels traverse mechanism for the derivation of upper bounds on unimodal functions” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Thompson & Congdon(2012)] Thompson J A, Congdon C B, 2012 “GAMID: Using genetic algorithms for the inference of DNA motifs that are represented in only a subset of sequences of interest” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Toda et al.(2012)Toda, Narita, & Kubota] Toda Y, Narita T, Kubota N, 2012 “Information visualization based on 3D modeling for human-friendly teleoperation” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Trivedi et al.(2012)Trivedi, Sharma, & Srinivasan] Trivedi A, Sharma D, Srinivasan D, 2012 “Multi-objectivization of short-term unit commitment under uncertainty using evolutionary algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Tsai et al.(2012)Tsai, Chen, & ping Chen] Tsai P C, Chen C M, ping Chen Y, 2012 “Sparse degrees analysis for LT codes optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tsuji et al.(2012)Tsuji, Sato, Tanabe, Inagaki, & Hashimoto] Tsuji M, Sato M, Tanabe A, Inagaki Y, Hashimoto T, 2012 “An asynchronous parallel genetic algorithm for the maximum likelihood phylogenetic tree search” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tsutsui & Fujimoto(2012)] Tsutsui S, Fujimoto N, 2012 “Implementation of histogram based sampling algorithm within an EDA scheme with CUDA” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Tusar et al.(2012)Tusar, Dovgan, & Filipic] Tusar T, Dovgan E, Filipic B, 2012 “Evolutionary scheduling of flexible offers for electricity supply and demand” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Uchitane & Hatanaka(2012)] Uchitane T, Hatanaka T, 2012 “Experimental study for multi-objective PSO with single objective guide selection” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Ulker & Landa-Silva(2012)] Ulker O, Landa-Silva D, 2012 “Evolutionary local search for solving the office space allocation problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Unemi(2012)] Unemi T, 2012 “SBArt4 for an automatic evolutionary art” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Vahdat et al.(2012)Vahdat, Heywood, & Zincir-Heywood] Vahdat A, Heywood M I, Zincir-Heywood A N, 2012 “Symbiotic evolutionary subspace clustering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Valsecchi et al.(2012)Valsecchi, Damas, & Santamaria] Valsecchi A, Damas S, Santamaria J, 2012 “An image registration approach using genetic algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Vanucci et al.(2012)Vanucci, Bicalho, Carrano, & Takahashi] Vanucci S, Bicalho R, Carrano E, Takahashi R, 2012 “A modified NSGA-II for the multiobjective multi-mode resource-constrained project scheduling problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Vasicek & Sekanina(2012)] Vasicek Z, Sekanina L, 2012 “On area minimization of complex combinational circuits using cartesian genetic programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Vathsavayi et al.(2012)Vathsavayi, Raiha, & Koskimies] Vathsavayi S, Raiha O, Koskimies K, 2012 “Using quality farms in multi-objective genetic software architecture synthesis” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Vazquez-Fernandez et al.(2012)Vazquez-Fernandez, Coello, & Sagols] Vazquez-Fernandez E, Coello C, Sagols F, 2012 “An evolutionary algorithm coupled with the hooke-jeeves algorithm for tuning a chess evaluation function” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Vazquez-Rodriguez et al.(2012)Vazquez-Rodriguez, Gomollon, Varela, & Paz-Lopez] Vazquez-Rodriguez S, Gomollon J A, Varela G, Paz-Lopez A, 2012 “Non-observability analysis by means of an evolutionary technique in measured electric power systems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Veeramachaneni et al.(2012)Veeramachaneni, Wagner, O'Reilly, & Neumann] Veeramachaneni K, Wagner M, O'Reilly U M, Neumann F, 2012 “Optimizing energy output and layout costs for large wind farms using particle swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Vieira et al.(2012)Vieira, Mendonca, Farinha, & Sousa] Vieira S, Mendonca L, Farinha G, Sousa J, 2012 “Metaheuristics for feature selection: application to sepsis outcome prediction” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Vitorino et al.(2012)Vitorino, Ribeiro, & Bastos-Filho] Vitorino L, Ribeiro S, Bastos-Filho C, 2012 “A hybrid swarm intelligence optimizer based on particles and artificial bees for high-dimensional search spaces” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wan et al.(2012)Wan, Xiong, & Liu] Wan S, Xiong S, Liu Y, 2012 “Prediction based multi-strategy differential evolution algorithm for dynamic environments” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wang et al.(2012a)Wang, Xu, Mabu, & Hirasawa] Wang L, Xu W, Mabu S, Hirasawa K, 2012a “Rule accumulation method based on credit genetic network programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wang et al.(2012b)Wang, Yang, Chen, & Zhao] Wang L, Yang B, Chen Y, Zhao X, 2012b “Predict the hydration of portland cement using differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wang et al.(2012c)Wang, Wu, & Fyfe] Wang T D, Wu X, Fyfe C, 2012c “Comparative study of visualisation methods for temporal data” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wang & Tang(2012)] Wang X, Tang L, 2012 “Multi-objective optimization using a hybrid differential evolution algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Watanabe & Ito(2012)] Watanabe D, Ito K, 2012 “Roles of real-world properties in the baldwin effect” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Weerasinghe & Sofronov(2012)] Weerasinghe M, Sofronov G, 2012 “A modified cross entropy method for detecting multiple change points in DNA count data” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wei & Wang(2012)] Wei J, Wang Y, 2012 “Hyper rectangle search based particle swarm algorithm for dynamic constrained multi-objective optimization problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wei & Fujimura(2012)] Wei X, Fujimura S, 2012 “Parallel quantum evolutionary algorithms with client-server model for multi-objective optimization on discrete problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wen et al.(2012)Wen, Gao, Li, Zhang, & Yang] Wen L, Gao L, Li X, Zhang G, Yang Y, 2012 “Application of free pattern search on the surface roughness prediction in end milling” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wenping et al.(2012)Wenping, Yuanyuan, Congling, & Jing] Wenping M, Yuanyuan H, Congling L, Jing L, 2012 “Image segmentation based on a hybrid immune memetic algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wesolkowski & Wojtaszek(2012)] Wesolkowski S, Wojtaszek D, 2012 “SaFESST: Stochastic fleet estimation under steady state tasking via evolutionary fleet scheduling” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wesolkowski et al.(2012)Wesolkowski, Wojtaszek, & Willick] Wesolkowski S, Wojtaszek D, Willick K, 2012 “Multi-objective optimization of the fleet mix problem using the SaFER model” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [While & Bradstreet(2012)] While L, Bradstreet L, 2012 “Applying the WFG algorithm to calculate incremental hypervolumes” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Williams & Browne(2012)] Williams H, Browne W, 2012 “Integration of learning classifier systems with simultaneous localisation and mapping for autonomous robotics” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wilson et al.(2012a)] Wilson, Harding, Hoerber, Devillers, & Banzhaf] Wilson G, Harding S, Hoerber O, Devillers R, Banzhaf W, 2012a “Parallel exhaustive search vs. evolutionary computation in a large real world network search space” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wilson et al.(2012b)] Wilson, Leblanc, & Banzhaf] Wilson G, Leblanc D, Banzhaf W, 2012b “Using sector information with linear genetic programming for intraday equity price trend analysis” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wink et al.(2012)] Wink, Baeck, & Emmerich] Wink S, Baeck T, Emmerich M, 2012 “A meta-genetic algorithm for solving the capacitated vehicle routing problem” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Witten & Clancey(2012)] Witten M, Clancey O, 2012 “An evolutionary algorithm for optimization of affine transformation parameters for dose matrix warping in patient-specific quality assurance of radiotherapy dose distributions” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wu et al.(2012a)] Wu, McCall, Corne, & Regnier-Coudert] Wu Y, McCall J, Corne D, Regnier-Coudert O, 2012a “Landscape analysis for hyperheuristic bayesian network structure learning on unseen problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wu et al.(2012b)] Wu, Ho, Shyu, & Lin] Wu Y L, Ho T F, Shyu S J, Lin B M T, 2012b “Discrete particle swarm optimization for materials acquisition in multi-unit libraries” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Wu et al.(2012c)] Wu, Xu, Chow, & Zhao] Wu Z, Xu L, Chow T W S, Zhao M, 2012c “Local cooperation delivers global optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Xiao & Zuo(2012)] Xiao L, Zuo X, 2012 “Multi-DEPSO—a DE and PSO based hybrid algorithm in dynamic environments” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Xie et al.(2012)] Xie, Song, & Ciesielski] Xie F, Song A, Ciesielski V, 2012 “Event detection in time series by genetic programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Xinguo et al.(2012)] Xinguo, Xingquan, & Cheng] Xinguo S, Xingquan Z, Cheng C, 2012 “A cultural clonal selection algorithm based fast vehicle scheduling approach” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Xiong et al.(2012)] Xiong, Abbass, & Shafi] Xiong J, Abbass H, Shafi K, 2012 “Multi-uncertainty problems (MUP) with applications to managing risk in resource-constrained project scheduling” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Xu et al.(2012a)] Xu, Lam, Li, Li, & Fan] Xu J, Lam A Y, Li V O, Li Q, Fan X, 2012a “Short adjacent repeat identification based on chemical reaction optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Xu et al.(2012b)Xu, Lv, Zhou, & Dou] Xu J, Lv Q, Zhou J, Dou Y, 2012b “A self-organizing and self-adaptive french flag organism based on lateral activation model” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Xue et al.(2012)Xue, Zhang, & Browne] Xue B, Zhang M, Browne W N, 2012 “New fitness functions in binary particle swarm optimisation for feature selection” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yamaguchi et al.(2012)Yamaguchi, Hiroyasu, Nunokawa, Koizumi, Okumura, Yokouchi, Miki, & Yoshimi] Yamaguchi H, Hiroyasu T, Nunokawa S, Koizumi N, Okumura N, Yokouchi H, Miki M, Yoshimi M, 2012 “Comparison study of controlling bloat model of GP in constructing filter for cell image segmentation problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yan et al.(2012)Yan, Le, Iliyasu, Sun, Garcia, Dong, & Hirota] Yan F, Le P Q, Iliyasu A M, Sun B, Garcia J A, Dong F, Hirota K, 2012 “Assessing the similarity of quantum images based on probability measurements” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [yan Sun et al.(2012)yan Sun, shan Chen, & ping Ma] yan Sun X, shan Chen S, ping Ma X, 2012 “Semi-supervised ranking SVM-assisted IGA with hierarchical evaluations” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yang(2012)] Yang L, 2012 “Adaptive learning evaluation model for evolutionary art” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yang et al.(2012)Yang, Mabu, & Hirasawa] Yang Y, Mabu S, Hirasawa K, 2012 “A multitasks learning approach to autonomous agent based on genetic network programming” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yao et al.(2012)Yao, Gong, Luo, & Li] Yao X, Gong D, Luo Y, Li M, 2012 “Test data reduction based on dominance relations of target statements” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yazdani et al.(2012)Yazdani, Akbarzadeh-Totonchi, Nasiri, & Meybodi] Yazdani D, Akbarzadeh-Totonchi M R, Nasiri B, Meybodi M R, 2012 “A new artificial fish swarm algorithm for dynamic optimization problems” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yeh & Yang(2012)] Yeh C H, Yang C Y, 2012 “Can learning affect the effectiveness of price limits?” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yeh et al.(2012)Yeh, Yeh, Chou, Chung, & He] Yeh W C, Yeh Y M, Chou C H, Chung Y, He X, 2012 “A radio frequency identification network design methodology for the decision problem in mackay memorial hospital based on swarm optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yoo et al.(2012)Yoo, Seok, & Zhang] Yoo J H, Seok H S, Zhang B T, 2012 “Evolutionary particle filtering for sequential dependency learning from video data” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yu et al.(2012a)Yu, Lam, & Li] Yu J J, Lam A Y, Li V O, 2012a “Real-coded chemical reaction optimization with different perturbation functions” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yu et al.(2012b)Yu, Li, & Lam] Yu J J, Li V O, Lam A Y, 2012b “Sensor deployment for air pollution monitoring using public transportation system” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)



- [Yuan & Xu(2012)] Yuan Y, Xu H, 2012 “HHS/LNS: An integrated search method for flexible job shop scheduling” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [yue Qiu et al.(2012)yue Qiu, shi Wu, ping Wang, & Jiang] yue Qiu F, shi Wu Y, ping Wang L, Jiang B, 2012 “Bipolar preferences dominance based evolutionary algorithm for many-objective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yuen et al.(2012)Yuen, Gao, Wagner, & Neumann] Yuen J, Gao S, Wagner M, Neumann F, 2012 “An adaptive data structure for evolutionary multi-objective algorithms with unbounded archives” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yusoh & Tang(2012)] Yusoh Z M, Tang M, 2012 “Clustering composite SaaS components in cloud computing using a grouping genetic algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yuwono et al.(2012a)Yuwono, Su, Moulton, & Nguyen] Yuwono M, Su S W, Moulton B, Nguyen H, 2012a “Fast unsupervised learning method for rapid estimation of cluster centroids” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Yuwono et al.(2012b)Yuwono, Su, Moulton, & Nguyen] Yuwono M, Su S W, Moulton B, Nguyen H, 2012b “Method for increasing the computation speed of an unsupervised learning approach for data clustering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zamuda & Brest(2012)] Zamuda A, Brest J, 2012 “Tree model reconstruction innovization using multi-objective differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zao et al.(2012)Zao, Hornansky, & Diao] Zao J K, Hornansky M, Diao P L, 2012 “Design of optimal short-length LT codes using evolution strategies” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang & Saunders(2012)] Zhang A, Saunders R, 2012 “Towards the evolution of a language for creative design” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang et al.(2012a)Zhang, Mahfouf, Panoutsos, & Wang] Zhang G, Mahfouf M, Panoutsos G, Wang S, 2012a “A multi-objective particle swarm optimization algorithm with a dynamic hypercube archive, mutation and population competition” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang et al.(2012b)Zhang, Zhu, & Yan] Zhang H, Zhu Y, Yan X, 2012b “Multi-hive artificial bee colony algorithm for constrained multi-objective optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang & Li(2012)] Zhang K, Li B, 2012 “Cooperative coevolution with global search for large scale global optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang et al.(2012c)Zhang, Li, & Tan] Zhang K, Li B, Tan L, 2012c “Empirical study of the effect of variable correlation on grouping in cooperative coevolutionary evolutionary algorithms” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang et al.(2012d)Zhang, He, & Yan] Zhang L, He R, Yan M, 2012d “Heterogeneous double populations based hybrid genetic algorithm design for training feedforward neural networks” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)

- [Zhang & Zhou(2012)] Zhang L, Zhou C, 2012 “Self organized parallel genetic algorithm to automatically realize diversified convergence” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang et al.(2012e)Zhang, Feng, Zhang, & Xiong] Zhang W, Feng X, Zhang Y, Xiong X, 2012e “Information diffusion and its impacts on artificial stock markets in learning process” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang & Yen(2012)] Zhang W, Yen G, 2012 “Immune-inspired evolutionary algorithm for constrained optimization” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang & Luo(2012)] Zhang X, Luo W, 2012 “Evolutionary repair for evolutionary design of combinational logic circuits” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang & Yuen(2012)] Zhang X, Yuen S Y, 2012 “Opposition-based adaptive differential evolution” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang et al.(2012f)Zhang, Zhang, & Li] Zhang X, Zhang E, Li R, 2012f “Optimized feature extraction by immune clonal selection algorithm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhang et al.(2012g)Zhang, Seah, & Sun] Zhang Z, Seah H S, Sun J, 2012g “A hybrid particle swarm optimization with cooperative method for multi-object tracking” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhao & Suganthan(2012)] Zhao S Z, Suganthan P N, 2012 “Comprehensive comparison of convergence performance of optimization algorithms based on nonparametric statistical tests” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhou et al.(2012)Zhou, Zhang, & Zhang] Zhou A, Zhang Q, Zhang G, 2012 “A multiobjective evolutionary algorithm based on decomposition and probability model” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhu et al.(2012a)Zhu, Cao, & Yang] Zhu L, Cao L, Yang J, 2012a “Multiobjective evolutionary algorithm-based soft subspace clustering” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zhu et al.(2012b)Zhu, Liu, Ji, & He] Zhu Z, Liu W, Ji Z, He S, 2012b “Memetic clustering based on particle swarm optimizer and k-means” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)
- [Zulvia et al.(2012)Zulvia, Kuo, & Hu] Zulvia F E, Kuo R, Hu T L, 2012 “Solving CVRP with time window, fuzzy travel time and demand via a hybrid ant colony optimization and genetic algortihm” in X Li, ed., “Proceedings of the 2012 IEEE Congress on Evolutionary Computation”, (Brisbane, Australia)