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Evolutionary multi-objective optimization: a historical view of the field

DOI: 10.1109/mci.2006.1597059

IEEE Computational Intelligence Magazine, 2006, 1, 28-36.

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#	Paper	IF	Citations
761	A Multi-Objective Evolutionary Algorithm to Build Knowledge Classification Rules with Specific Properties. <b>2006,</b>		1
760	. <i>IEEE Computational Intelligence Magazine</i> , <b>2006</b> , 1, 17-26	5.6	18
759	A Hybrid of Differential Evolution and Genetic Algorithm for Constrained Multiobjective Optimization Problems. <b>2006</b> , 318-327		6
758	Explicit consideration of multiple objectives in cellular manufacturing. <b>2007</b> , 39, 551-565		19
757	A new elitist multi-objective stochastic search technique and its application to economic-emission dispatch problem in power systems. <b>2007,</b>		1
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754	Evolutionary Multi-Objective Optimization in Power Systems: State-of-the-Art. <b>2007,</b>		6
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752	An Efficient Fitness Assignment Based on Dominating Tree. <b>2007,</b>		1
751	Two Symmetrical Decomposition Methods for Structure-complex Petri Nets and Their Applications. <b>2007,</b>		3
750	A MULTI-OBJECTIVE GENETIC ALGORITHM FOR TUNING AND RULE SELECTION TO OBTAIN ACCURATE AND COMPACT LINGUISTIC FUZZY RULE-BASED SYSTEMS. <b>2007</b> , 15, 539-557		92
749	. <b>2007</b> , 43, 4023-4029		8
748	Multiobjective extremal optimization with applications to engineering design. <b>2007</b> , 8, 1905-1911		16
747	A novel elitist multiobjective optimization algorithm: Multiobjective extremal optimization. <b>2008</b> , 188, 637-651		59
746	Interleaving Guidance in Evolutionary Multi-Objective Optimization. <b>2008</b> , 23, 44-63		10
745	Bairness Analysis In Requirements Assignments. <b>2008,</b>		27

744	Performance analysis of elitism in multi-objective ant colony optimization algorithms. <b>2008,</b>	5
743	Multiobjective lot scheduling and dynamic OHT routing in a 300-mm wafer fab. <b>2008,</b>	3
742	A Multi-objective Evolutionary Algorithm with Extended MGG Model and Distance-Based Density Measure. <b>2008,</b>	
741	Combining multiobjective fuzzy clustering and probabilistic ANN classifier for unsupervised pattern classification: Application to satellite image segmentation. <b>2008,</b>	6
740	Evaluating Ranking Composition Methods for Multi-Objective Optimization of Knowledge Rules. <b>2008,</b>	2
739	The self-adaptation strategy for parameter $\sigma$ in MOEA. <b>2008,</b>	
738	Multiobjective immune algorithm with nondominated neighbor-based selection. <b>2008,</b> 16, 225-55	349
737	Hybrid genetic algorithm for dynamic multi-objective route planning with predicted traffic in a real-world road network. <b>2008,</b>	22
736	. <b>2008,</b>	3
735	Improving multi-objective clustering through support vector machine: Application to gene expression data. <b>2008,</b>	
734	Replacement Strategies in Steady-State Multi-objective Evolutionary Algorithm: A Comparative Case Study. <b>2008,</b>	1
733	Interval Robust Multi-Objective Evolutionary Algorithm. <b>2009,</b>	13
732	. <b>2009,</b>	8
731	A Differential Mutation operator for the archive population of multi-objective evolutionary algorithms. <b>2009,</b>	6
730	. <b>2009,</b>	1
729	A multi-objective constrained optimization algorithm based on infeasible individual stochastic binary-modification. <b>2009,</b>	3
728	Multiobjective genetic programming approach for a smooth modeling of the release kinetics of a pheromone dispenser. <b>2009,</b>	0
727	Multi-objective optimization with controlled model assisted evolution strategies. <b>2009,</b> 17, 577-93	3

726	. <b>2009</b> ,		3
725	Constraint Handling in Multiobjective Evolutionary Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2009</b> , 13, 514-525	15.6	189
724	. <b>2009</b> , 47, 1132-1138		60
723	. <i>IEEE Computational Intelligence Magazine</i> , <b>2009</b> , 4, 77-91	5.6	35
722	Mebra: multiobjective evolutionary-based risk assessment. <i>IEEE Computational Intelligence Magazine</i> , <b>2009</b> , 4, 29-36	5.6	25
721	A search based approach to fairness analysis in requirement assignments to aid negotiation, mediation and decision making. <b>2009</b> , 14, 231-245		63
720	A comparative study of genetic operators for controller parameter optimisation. <b>2009</b> , 17, 185-197		7
719	An improved multiobjective differential evolution based on Pareto-adaptive -dominance and orthogonal design. <b>2009</b> , 198, 576-601		45
718	Local modelsĀn approach to distributed multi-objective optimization. <b>2009</b> , 42, 105-139		17
717	Evolutionary multi-objective optimization: some current research trends and topics that remain to be explored. <b>2009</b> , 3, 18-30		90
716	An efficient multiobjective differential evolution algorithm for engineering design. <b>2009</b> , 38, 137-157		62
715	Multi-Objective Feature Selection in QSAR Using a Machine Learning Approach. <b>2009</b> , 28, 1509-1523		35
714	ADAPTIVE MULTI-OBJECTIVE OPTIMIZATION BASED ON NONDOMINATED SOLUTIONS. <b>2009</b> , 25, 84-108		28
713	Multi-objective rule mining using a chaotic particle swarm optimization algorithm. <b>2009</b> , 22, 455-460		48
712	Modelling and optimization of proof testing policies for safety instrumented systems. <i>Reliability Engineering and System Safety</i> , <b>2009</b> , 94, 838-854	6.3	53
711	A hybrid vertical mutation and self-adaptation based MOPSO. <b>2009</b> , 57, 2030-2038		15
710	Multiobjective extremal optimization for portfolio optimization problem. <b>2009</b> ,		4
709	Determining heat transfer coefficients using evolutionary algorithms. <b>2009</b> , 41, 855-870		5

708	A Novel Method for Finding Global Best Guide for Multiobjective Particle Swarm Optimization. <b>2009,</b>		
707	A multi-objective approach to Redundancy Allocation Problem in parallel-series systems. <b>2009,</b>		35
706	Adaptation of Scalarizing Functions in MOEA/D: An Adaptive Scalarizing Function-Based Multiobjective Evolutionary Algorithm. <b>2009,</b> 438-452		63
705	Optimising Home Automation Systems: A comparative study on Tabu Search and Evolutionary Algorithms. <b>2009,</b>		9
704	A constraint-based model for multi-objective repair planning. <b>2009,</b>		1
703	Investment Prioritizing in Distribution Systems Based on Multi Objective Genetic Algorithm. <b>2009,</b>		2
702	Hybrid multiobjective estimation of distribution algorithm by local linear embedding and an immune inspired algorithm. <b>2009,</b>		3
701	Multiobjective Genetic Clustering with Ensemble Among Pareto Front Solutions: Application to MRI Brain Image Segmentation. <b>2009,</b>		22
700	Combining Pareto-optimal clusters using supervised learning for identifying co-expressed genes. <b>2009,</b> 10, 27		66
699	Simulation based multi-objective evolutionary algorithm for electronic reconnaissance satellites scheduling problem. <b>2009,</b>		
698	Notice of Retraction: A improved multi-objective evolutionary algorithm based on Three-way radix quicksort. <b>2010,</b>		
697	Multi-objective engineering shape optimization using differential evolution interfaced to the Nimrod/O tool. <b>2010,</b> 10, 012189		5
696	Global optimization of core station networks for space geodesy: application to the referencing of the SLR EOP with respect to ITRF. <b>2010,</b> 84, 31-50		20
695	Single- and multi-objective shape design of Y-noise barriers using evolutionary computation and boundary elements. <b>2010,</b> 41, 368-378		24
694	Identifying irregularly shaped crime hot-spots using a multiobjective evolutionary algorithm. <b>2010,</b> 12, 409-433		19
693	Optimal ballast water exchange sequence design using symmetrical multitank strategy. <b>2010,</b> 15, 280-293		4
692	Multi-objective self-adaptive differential evolution with elitist archive and crowding entropy-based diversity measure. <i>Soft Computing</i> , <b>2010,</b> 14, 193-209	3.5	178
691	Multi-objective genetic fuzzy classifiers for imbalanced and cost-sensitive datasets. <i>Soft Computing</i> , <b>2010,</b> 14, 713-728	3.5	82

690	An immune-inspired multi-objective approach to the reconstruction of phylogenetic trees. <b>2010</b> , 19, 1103-1132		20
689	Diversity of Pareto front: A multiobjective genetic algorithm based on dominating information. <b>2010</b> , 8, 222-228		2
688	Multi-Objective Approaches to Optimal Testing Resource Allocation in Modular Software Systems. <b>2010</b> , 59, 563-575		61
687	A Favorable Weight-Based Evolutionary Algorithm for Multiple Criteria Problems. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2010</b> , 14, 191-205	15.6	29
686	Hybrid Approaches and Dimensionality Reduction for Portfolio Selection with Cardinality Constraints. <i>IEEE Computational Intelligence Magazine</i> , <b>2010</b> , 5, 92-107	5.6	57
685	A fast multi-objective evolutionary algorithm based on a tree structure. <i>Applied Soft Computing Journal</i> , <b>2010</b> , 10, 468-480	7.5	20
684	Optimization of ship's subdivision arrangement for offshore sequential ballast water exchange using a non-dominated sorting genetic algorithm. <b>2010</b> , 37, 978-988		15
683	An integrated method of multi-objective optimization for complex mechanical structure. <b>2010</b> , 41, 277-285		11
682	A portfolio optimization model with three objectives and discrete variables. <b>2010</b> , 37, 1285-1297		140
681	A hybrid model of integer programming and variable neighbourhood search for highly-constrained nurse rostering problems. <b>2010</b> , 203, 484-493		108
680	Environmental/economic power dispatch problem using multi-objective differential evolution algorithm. <b>2010</b> , 80, 1171-1181		168
679	ADAPTIVE RANKS CLONE AND k-NEAREST NEIGHBOR LISTBASED IMMUNE MULTI-OBJECTIVE OPTIMIZATION. <b>2010</b> , 26, 359-385		34
678	A dynamic screening algorithm for multiple objective simulated annealing optimization. <b>2010</b> , 28, 349-354		4
677	An adaptive multiobjective approach to evolving ART architectures. <b>2010</b> , 21, 529-50		30
676	Area census-oriented electronic reconnaissance satellites scheduling technique under uncertain space-frequency domain environments. <b>2010</b> ,		0
675	Simultaneous informative gene selection and clustering through multiobjective optimization. <b>2010</b> ,		3
674	Several risk measures in portfolio selection: Is it worthwhile?. <b>2010</b> , 39, 421-444		6
673	An evolutionary multi-objective approach for dynamic mission planning. <b>2010</b> ,		5

672	A portfolio optimization model not considering transaction costs. <b>2010,</b>	
671	Improving wafer fabrication performance by Hierarchical colored timed Petri-net and SA - based approach. <b>2010,</b>	2
670	Restricted Boltzmann machine based algorithm for multi-objective optimization. <b>2010,</b>	22
669	An investigation on sampling technique for multi-objective restricted Boltzmann machine. <b>2010,</b>	2
668	A Portfolio Optimization Model on Condition That Short Selling Is Not Permitted. <b>2010,</b>	
667	. <b>2010,</b>	8
666	A novel multiobjective optimization algorithm for 0/1 multiobjective knapsack problems. <b>2010,</b>	2
665	Model simplification for accelerating simulation-based evaluation of dispatching rules in wafer fabrication facilities. <b>2010,</b>	3
664	Multicast flow routing: Evaluation of heuristics and multiobjective evolutionary algorithms. <b>2010,</b>	10
663	Differential Evolution Inspired Clone Immune Multi-objective Optimization Algorithm. <b>2010,</b>	
662	Multiobjective Groundwater Remediation System Design Using Coupled Finite-Element Model and Nondominated Sorting Genetic Algorithm II. <b>2010,</b> 15, 350-359	16
661	Improved ant colony optimization algorithm and its application for path planning of mobile robot in 3-D space. <b>2010,</b>	3
660	Electronic reconnaissance satellites on-line scheduling technique for area census. <b>2010,</b>	
659	A Modified Non-Dominated Sorting Genetic Algorithm with Fractional Factorial Design for Multi-Objective Optimization Problems. <b>2010,</b> 26, 143-156	1
658	Bayesian estimation of local signal and noise in multimodel simulations of climate change. <b>2010,</b> 115,	86
657	Smart long-term planning for SmartGrids. <b>2010,</b>	
656	An improved evolutionary multi-objective optimization method. <b>2010,</b>	2
655	Multi-objective Hybrid Differential Evolution Algorithm Based on Pareto Optimal Solution Migration. <b>2010,</b>	

654	Security Vs cost: An issue of multi-objective optimization for choosing PGP algorithms. <b>2010</b> ,		4
653	A scalable coevolutionary multi-objective particle swarm optimizer. <b>2010</b> , 3, 590-600		16
652	Optimization of lighting design usign Genetic algorithms. <b>2010</b> ,		3
651	A new distributed evolutionary computation technique for Multi-Objective Optimization. <b>2010</b> ,		0
650	A Hybrid Simplex Multi-objective Evolutionary Algorithm Based on Preference Order Ranking. <b>2011</b>		0
649	Evolutionary biclustering based on expression patterns. <b>2011</b> ,		0
648	Discovery of MicroRNA markers: An SVM-based multiobjective feature selection approach. <b>2011</b> ,		2
647	Multi-objective immune algorithm with dynamic memetic Cauchy mutation. <b>2011</b> ,		0
646	. <b>2011</b> , 21, 1424-1437		57
645	Resource-aware sensor selection and task assignment. <b>2011</b> ,		1
644	A holistic method for reliability performance assessment and critical components detection in complex networks. <b>2011</b> , 43, 661-675		30
643	. <b>2011</b> ,		8
642	Pareto Artificial Life Algorithm for Multi-Objective Optimization. <b>2011</b> , 4, 43-60		
641	An Ontological Approach to Quantifying the Functional Flexibility of Embedded Systems. <b>2011</b> , 5, 111-120		8
640	. <b>2011</b> , 60, 394-403		37
639	A multi-objective endocrine PSO algorithm and application. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 4508-4520	7.5	18
638	Evolutionary algorithms for solving multi-objective travelling salesman problem. <b>2011</b> , 23, 207-241		19
637	A fast steady-state Edominance multi-objective evolutionary algorithm. <b>2011</b> , 48, 109-138		16



636	Mean-VaR Portfolio Selection Under Real Constraints. <b>2011</b> , 37, 113-131		21
635	A multiobjective evolutionary algorithm for optimizing spatial contiguity in reserve network design. <b>2011</b> , 26, 425-437		16
634	A multi-objective evolutionary optimization approach for an integrated location-inventory distribution network problem under vendor-managed inventory systems. <b>2011</b> , 186, 213-229		25
633	A unified framework for population-based metaheuristics. <b>2011</b> , 186, 231-262		24
632	DMEA: a direction-based multiobjective evolutionary algorithm. <b>2011</b> , 3, 271-285		18
631	Artificial immune multi-objective SAR image segmentation with fused complementary features. <i>Information Sciences</i> , <b>2011</b> , 181, 2797-2812	7.7	55
630	Multi-objective optimization of turbomachinery using improved NSGA-II and approximation model. <b>2011</b> , 200, 883-895		61
629	A multiobjective approach to MR brain image segmentation. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 872-880	7.5	70
628	A multi-objective evolutionary algorithm to obtain test cases with variable lengths. <b>2011</b> ,		5
627	. <b>2011</b> ,		1
626	AMGA2: improving the performance of the archive-based micro-genetic algorithm for multi-objective optimization. <b>2011</b> , 43, 377-401		56
625	Optimizing to Memory Application in Embedded Multimedia Device. <b>2011</b> , 308-310, 2511-2516		
624	Asymmetric Pareto-adaptive Scheme for Multiobjective Optimization. <b>2011</b> , 351-360		8
623	Multiobjective optimization by decomposition with Pareto-adaptive weight vectors. <b>2011</b> ,		14
622	Multi-Objective Genetic Algorithms, NSGA-II and SPEA2, for Document Clustering. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 219-227	0.3	4
621	A Hybrid Multiobjective Genetic Algorithm for Robust Resource-Constrained Project Scheduling with Stochastic Durations. <b>2012</b> , 2012, 1-24		12
620	A genetic algorithm for subtask allocation within human and robot coordinated assembly. <b>2012</b> ,		5
619	Resource-aware configuration in smart camera networks. <b>2012</b> ,		9

618	A Novel Single Observer Passive Localization Method Based on MOEA. <b>2012,</b>		
617	Vibro-Acoustic Optimization of Turbulent Boundary Layer Excited Panel with Curvilinear Stiffeners. <b>2012,</b> 49, 52-65		15
616	Runtime analysis of an evolutionary algorithm for stochastic multi-objective combinatorial optimization. <b>2012,</b> 20, 395-421		8
615	Accounting for Correlations: Price Adjustments in Unit-Cost Construction Contracts. <b>2012,</b> 2297, 137-144		1
614	Evolutionary algorithm with fuzzy numbers for planning active distribution network. <b>2012,</b> 94, 135-145		7
613	CMA-PAES: Pareto archived evolution strategy using covariance matrix adaptation for Multi-Objective Optimisation. <b>2012,</b>		4
612	Statistical vs. stochastic experimental design: an experimental comparison on the example of protein refolding. <b>2012,</b> 28, 1499-506		5
611	GA-based cloud resource estimation for agent-based execution of bag-of-tasks applications. <b>2012,</b> 14, 925-951		20
610	A regularity model-based multiobjective estimation of distribution algorithm with reducing redundant cluster operator. <i>Applied Soft Computing Journal</i> , <b>2012,</b> 12, 3526-3538	7.5	24
609	Distribution system project selection based on the power quality value. <b>2012,</b>		3
608	A new archive based steady state genetic algorithm. <b>2012,</b>		7
607	A new multi-objective evolutionary algorithm based on weighted gradient. <b>2012,</b>		
606	Detecting protein complexes in a PPI network: a gene ontology based multi-objective evolutionary approach. <b>2012,</b> 8, 3036-48		41
605	Repeated weighted boosting search for discrete or mixed search space and multiple-objective optimisation. <i>Applied Soft Computing Journal</i> , <b>2012,</b> 12, 2740-2755	7.5	7
604	Multi-objective immune algorithm with Baldwinian learning. <i>Applied Soft Computing Journal</i> , <b>2012,</b> 12, 2654-2674	7.5	37
603	An Improved Strength Pareto Evolutionary Algorithm 2 with application to the optimization of distributed generations. <b>2012,</b> 64, 944-955		16
602	An Artificial Bee Colony Algorithm for Multi-objective Optimization. <b>2012,</b>		3
601	Estimation of Mass-Transfer Efficiency for Industrial Distillation Columns. <b>2012,</b> 51, 3023-3031		13

600	Solving material distribution routing problem in mixed manufacturing systems with a hybrid multi-objective evolutionary algorithm. <b>2012</b> , 19, 433-442		1
599	Truss topology optimization for mass and reliability considerations—multi-objective formulations. <b>2012</b> , 45, 589-613		23
598	Developing an analytical model for planning systems verification, validation and testing processes. <b>2012</b> , 26, 429-438		17
597	Vulnerability based robust protection strategy selection in service networks. <b>2012</b> , 63, 235-242		20
596	Maxima-finding algorithms for multidimensional samples: A two-phase approach. <b>2012</b> , 45, 33-53		6
595	Multi-objective evolutionary approaches for intelligent design of sensor networks in the petrochemical industry. <b>2012</b> , 39, 2643-2649		7
594	A multi-objective genetic algorithm approach to rule mining for affective product design. <b>2012</b> , 39, 7411-7419	50	
593	A two-stage preference-based evolutionary multi-objective approach for capability planning problems. <b>2012</b> , 31, 128-139		23
592	Modeling and Pareto optimization of gas cyclone separator performance using RBF type artificial neural networks and genetic algorithms. <b>2012</b> , 217, 84-99		97
591	. <i>IEEE Computational Intelligence Magazine</i> , <b>2012</b> , 7, 67-74	5.6	14
590	Robustness Against the Decision-Maker's Attitude to Risk in Problems With Conflicting Objectives. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2012</b> , 16, 1-19	15.6	30
589	. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2012</b> , 16, 190-209	15.6	62
588	Configurable pattern-based evolutionary biclustering of gene expression data. <b>2013</b> , 8, 4		26
587	A Possibilistic Mean-Downside Risk-Skewness Model for Efficient Portfolio Selection. <b>2013</b> , 21, 585-595		40
586	. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2013</b> , 17, 457-473	15.6	21
585	A Multistage Value-Based Model for Prioritization of Distribution Projects Using a Multiobjective Genetic Algorithm. <b>2013</b> , 24, 623-637		4
584	A Self-adaptive Genetic Algorithm Applied to Multi-Objective Optimization of an Airfoil. <b>2013</b> , 261-276		6
583	. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2013</b> , 17, 474-494	15.6	383

582	Enhancing the scalability of multi-objective optimization via restricted Boltzmann machine-based estimation of distribution algorithm. <i>Information Sciences</i> , <b>2013</b> , 248, 191-213	7.7	16
581	Algoritmos Evolutivos y su empleo en el ajuste de controladores del tipo PID: Estado Actual y Perspectivas. <b>2013</b> , 10, 251-268		34
580	CFD modeling and multi-objective optimization of cyclone geometry using desirability function, artificial neural networks and genetic algorithms. <b>2013</b> , 37, 5680-5704		99
579	Multiobjective evolutionary algorithm with many tables for purely ab initio protein structure prediction. <b>2013</b> , 34, 1719-34		20
578	An effective model of multiple multi-objective evolutionary algorithms with the assistance of regional multi-objective evolutionary algorithms: VIPMOEAs. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 2863-2895	7.5	13
577	An SVM-wrapped multiobjective evolutionary feature selection approach for identifying cancer-microRNA markers. <b>2013</b> , 12, 275-81		30
576	Hybrid evolutionary multiobjective fuzzy c-medoids clustering of categorical data. <b>2013</b> ,		1
575	A Multi-Objective Genetic Algorithm for constructing load-balanced virtual backbones in probabilistic Wireless Sensor Networks. <b>2013</b> ,		1
574	Optimization of p-xylene oxidation reaction process based on self-adaptive multi-objective differential evolution. <b>2013</b> , 127, 55-62		18
573	Enhancing rule-based scheduling in wafer fabrication facilities by evolutionary algorithms: Review and opportunity. <b>2013</b> , 64, 524-535		20
572	Automatic Fuzzy Clustering Based on Adaptive Multi-Objective Differential Evolution for Remote Sensing Imagery. <b>2013</b> , 6, 2290-2301		67
571	Assessing gaps and needs for integrating building performance optimization tools in net zero energy buildings design. <b>2013</b> , 60, 110-124		253
570	A novel multi-objective particle swarm optimization with K-means based global best selection strategy. <b>2013</b> , 6, 822-835		12
569	Diversity and Convergence Issues in Evolutionary Multiobjective Optimization: Application to Agriculture Science. <b>2013</b> , 5, 81-86		8
568	Genetic Algorithm for Biobjective Urban Transit Routing Problem. <b>2013</b> , 2013, 1-15		25
567	Fuzzy Group Decision Making for Multiobjective Problems: Tradeoff between Consensus and Robustness. <b>2013</b> , 2013, 1-9		6
566	A Hybrid Multiobjective Differential Evolution Algorithm and Its Application to the Optimization of Grinding and Classification. <b>2013</b> , 2013, 1-15		2
565	Encouraging reactivity to create robust machines. <b>2013</b> , 21, 484-500		15

564	A New DG Multiobjective Optimization Method Based on an Improved Evolutionary Algorithm. <b>2013</b> , 2013, 1-11	3
563	Software cost estimation using Particle Swarm Optimization in the light of Quality Function Deployment technique. <b>2013</b> ,	1
562	A new niching method for the direction-based multi-objective evolutionary algorithm. <b>2013</b> ,	2
561	Multi-objective optimization of traffic externalities using tolls. <b>2013</b> ,	5
560	A graph-theoretic approach for identifying non-redundant and relevant gene markers from microarray data using multiobjective binary PSO. <b>2014</b> , 9, e90949	29
559	Load Allocation in Academic Environment: A Multi Objective PSO Approach. <b>2014</b> , 3,	2
558	An encoding technique for multiobjective evolutionary algorithms applied to power distribution system reconfiguration. <b>2014</b> , 2014, 506769	2
557	Multiobjective memetic estimation of distribution algorithm based on an incremental tournament local searcher. <b>2014</b> , 2014, 836272	
556	A multipopulation coevolutionary strategy for multiobjective immune algorithm. <b>2014</b> , 2014, 539128	9
555	Fuzzy multi-objective reliability-redundancy allocation problem. <b>2014</b> ,	19
554	Diversity study of multi-objective genetic algorithm based on Shannon entropy. <b>2014</b> ,	2
553	Optimal Subtask Allocation for Human and Robot Collaboration Within Hybrid Assembly System. <b>2014</b> , 11, 1065-1075	79
552	HMOEDA_LLE: A hybrid multi-objective estimation of distribution algorithm combining locally linear embedding. <b>2014</b> ,	4
551	A New Multiobjective Evolutionary Algorithm Based on Decomposition of the Objective Space for Multiobjective Optimization. <b>2014</b> , 2014, 1-9	7
550	Encouraging creative thinking in robots improves their ability to solve challenging problems. <b>2014</b> ,	3
549	A multiobjective evolutionary algorithm based on similarity for community detection from signed social networks. <b>2014</b> , 44, 2274-87	154
548	Handling Multiple Objectives with Integration of Particle Swarm Optimization and Extremal Optimization. <b>2014</b> , 287-297	3
547	Multi-objective transportation network design: Accelerating search by applying ENSGAI. <b>2014</b> ,	1

546	Multiobjective optimization based on reputation. <i>Information Sciences</i> , <b>2014</b> , 286, 125-146	7.7	10
545	Designing a fine-grained parallel differential evolution with Pareto tournaments for solving an optical networking problem. <b>2014</b> , 26, 1908-1934		
544	Multi-Objective Evolutionary Algorithm NSGA-II for Protein Structure Prediction using Structural and Energetic Properties. <b>2014</b> , 4, 43-53		2
543	A new method for objective weights computing in multi-objective optimization. <b>2014</b> ,		1
542	DOPGA: a new fitness assignment scheme for multi-objective evolutionary algorithms. <b>2014</b> , 45, 407-426		3
541	A Smart-Distributed Pareto Front Using the ev-MOGA Evolutionary Algorithm. <b>2014</b> , 23, 1450002		11
540	Framework for Anticipatory Water Management: Testing for Flood Control in the Rijnland Storage Basin. <b>2014</b> , 140, 533-542		4
539	INVESTIGATION OF COMBINATIONAL CLUSTERING INDICES IN ARTIFICIAL IMMUNE MULTI-OBJECTIVE CLUSTERING. <b>2014</b> , 30, 115-144		3
538	Mathematical analysis and solutions for multi-objective line-cell conversion problem. <b>2014</b> , 236, 774-786		51
537	DMEA-II: the direction-based multi-objective evolutionary algorithm-II. <i>Soft Computing</i> , <b>2014</b> , 18, 2119-2134		10
536	Optimizing municipal wastewater treatment plants using an improved multi-objective optimization method. <b>2014</b> , 157, 161-5		21
535	Accommodating High Penetrations of PEVs and Renewable DG Considering Uncertainties in Distribution Systems. <b>2014</b> , 29, 259-270		82
534	Multi-objective evolutionary algorithms for fuzzy classification in survival prediction. <b>2014</b> , 60, 197-219		37
533	A multi-objective evolutionary algorithm-based ensemble optimizer for feature selection and classification with neural network models. <b>2014</b> , 125, 217-228		60
532	Multi-objective multidisciplinary design of Space Launch System using Holistic Concurrent Design. <b>2014</b> , 33, 40-54		9
531	In-cluster vector evaluated particle swarm optimization for distributed regression in WSNs. <b>2014</b> , 42, 80-91		8
530	Robust parameter design optimization using Kriging, RBF and RBFNN with gradient-based and evolutionary optimization techniques. <b>2014</b> , 236, 325-344		30
529	Multiobjective Optimization of Transformer Design Using a Chaotic Evolutionary Approach. <b>2014</b> , 50, 669-672		25

528	Consistencies and contradictions of performance metrics in multiobjective optimization. <b>2014</b> , 44, 2391-404	216
527	An improved cellular automata model of enzyme kinetics based on genetic algorithm. <b>2014</b> , 110, 105-118	2
526	Multi-Objective Dynamic VAR Planning Against Short-Term Voltage Instability Using a Decomposition-Based Evolutionary Algorithm. <b>2014</b> , 29, 2813-2822	66
525	. <b>2014</b> , 61, 450-461	35
524	A Knowledge-Based Evolutionary Multiobjective Approach for Stochastic Extended Resource Investment Project Scheduling Problems. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2014</b> , 18, 742-763	156 45
523	Controller tuning using evolutionary multi-objective optimisation: Current trends and applications. <b>2014</b> , 28, 58-73	83
522	Supervised leukocyte segmentation in tissue images using multi-objective optimization technique. <b>2014</b> , 31, 44-52	18
521	A multi-objective genetic approach to domestic load scheduling in an energy management system. <b>2014</b> , 77, 144-152	79
520	An exploratory approach for adaptive policymaking by using multi-objective robust optimization. <b>2014</b> , 46, 25-39	78
519	Electrical Power Grid Network Optimisation by Evolutionary Computing. <b>2014</b> , 29, 1948-1958	6
518	General framework for localised multi-objective evolutionary algorithms. <i>Information Sciences</i> , <b>2014</b> , 258, 29-53	7-7 36
517	MOEA/D with adaptive weight adjustment. <b>2014</b> , 22, 231-64	455
516	Evolutionary optimization of sensor deployment for an indoor positioning system with unknown number of anchors. <b>2014</b> ,	4
515	PICEA-g using an enhanced fitness assignment method. <b>2014</b> ,	3
514	Phase transitions in Pareto optimal complex networks. <b>2015</b> , 92, 032807	22
513	A Multiobjective Evolutionary Algorithm for Energy-Efficient Cooperative Spectrum Sensing in Cognitive Radio Sensor Network. <b>2015</b> , 11, 581589	9
512	Load-Balanced Virtual Backbones in Wireless Sensor Networks. <b>2015</b> , 369-406	
511	A Triobjective Model for Locating a Public Semiobnoxious Facility in the Plane. <b>2015</b> , 2015, 1-12	2

510	A Novel Algorithm to Scheduling Optimization of Melting-Casting Process in Copper Alloy Strip Production. <b>2015</b> , 2015, 1-13		
509	A new orthogonal evolutionary algorithm based on decomposition for multi-objective optimization. <b>2015</b> , 66, 1686-1698		1
508	Exploring the Full Potential of Reversible Deactivation Radical Polymerization Using Pareto-Optimal Fronts. <b>2015</b> , 7, 655-679		21
507	A Comparative Study of Algorithms for Solving the Multiobjective Open-Pit Mining Operational Planning Problems. <b>2015</b> , 433-447		2
506	A Survey of Multiobjective Evolutionary Clustering. <b>2015</b> , 47, 1-46		96
505	Leveraging biologically inspired models for cyber-physical systems analysis. <b>2015</b> ,		1
504	Scale adaptive reproduction operator for decomposition based estimation of distribution algorithm. <b>2015</b> ,		2
503	Analytical estimation of the convergence point of populations. <b>2015</b> ,		7
502	Optimal placement of static compensators for multi-objective voltage stability enhancement of power systems. <b>2015</b> , 9, 2144-2151		28
501	MOCEO: A Proposal for Multiple Objective Cross-Entropy Optimization Method. <b>2015</b> ,		0
500	Multi-Objective Robust Optimization Using a Postoptimality Sensitivity Analysis Technique: Application to a Wind Turbine Design. <b>2015</b> , 137,		8
499	Novel frameworks for creating robust multi-objective benchmark problems. <i>Information Sciences</i> , <b>2015</b> , 300, 158-192	7.7	15
498	Personalized Recommendation Based on Evolutionary Multi-Objective Optimization [Research Frontier]. <i>IEEE Computational Intelligence Magazine</i> , <b>2015</b> , 10, 52-62	5.6	79
497	ASMiGA: an archive-based steady-state micro genetic algorithm. <b>2015</b> , 45, 40-52		65
496	Efficient sensitivity based assessment of impact of uncertainties in multi-objective framework. <b>2015</b> , 64, 947-955		1
495	A novel crossover operator based on variable importance for evolutionary multi-objective optimization with tree representation. <b>2015</b> , 21, 1-24		12
494	Efficient multi-objective optimization methods for computationally intensive urban water resources models. <b>2015</b> , 17, 36-55		7
493	Multi-objective evolutionary design of selective triple modular redundancy systems against SEUs. <b>2015</b> , 28, 804-813		9



492	General subpopulation framework and taming the conflict inside populations. <b>2015</b> , 23, 1-36		8
491	A Simple and Fast Hypervolume Indicator-Based Multiobjective Evolutionary Algorithm. <b>2015</b> , 45, 2202-13		154
490	Sintonizaci3n de controladores Pareto-3ptimo robustos para sistemas multivariables. Aplicaci3n en un helic3ptero de 2 grados de libertad. <b>2015</b> , 12, 177-188		9
489	Opposition-based Multiple Objective Differential Evolution (OMODE) for optimizing work shift schedules. <b>2015</b> , 55, 1-14		14
488	A model calibration framework for simultaneous multi-level building energy simulation. <b>2015</b> , 149, 415-431		90
487	Multiobjective nondominated neighbor coevolutionary algorithm with elite population. <i>Soft Computing</i> , <b>2015</b> , 19, 1329-1349	3-5	13
486	A new multi-objective particle swarm optimizer using empirical movement and diversified search strategies. <b>2015</b> , 47, 750-770		16
485	Group aggregation of pairwise comparisons using multi-objective optimization. <i>Information Sciences</i> , <b>2015</b> , 322, 257-275	7-7	14
484	Constrained optimization problem solved by dynamic constrained NSGA-III multiobjective optimizational techniques. <b>2015</b> ,		4
483	Bi-criteria maintenance policies for a system subject to competing wear and shock failures. <b>2015</b> , 229, 485-500		5
482	CHAOTIC INITIALIZED MULTIPLE OBJECTIVE DIFFERENTIAL EVOLUTION WITH ADAPTIVE MUTATION STRATEGY (CA-MODE) FOR CONSTRUCTION PROJECT TIME-COST-QUALITY TRADE-OFF. <b>2015</b> , 22, 210-223		8
481	A Multi-Objective Genetic Algorithm for Outlier Removal. <b>2015</b> , 55, 2507-18		6
480	Optimum Design of a Dual-Range Force Sensor for Achieving High Sensitivity, Broad Bandwidth, and Large Measurement Range. <b>2015</b> , 15, 1114-1123		15
479	Hybrid multiple objective artificial bee colony with differential evolution for the time-cost-quality tradeoff problem. <b>2015</b> , 74, 176-186		50
478	Multi-objective optimization using NSGA-II for power distribution system reconfiguration. <b>2015</b> , 25, 38-53		15
477	Multi-objective Immune Algorithm with Preference-Based Selection for Reservoir Flood Control Operation. <b>2015</b> , 29, 1447-1466		41
476	A multi-objective methodology for spacecraft equipment layouts. <b>2015</b> , 16, 165-181		26
475	Constructing load-balanced virtual backbones in probabilistic wireless sensor networks via multi-objective genetic algorithm. <b>2015</b> , 26, 147-163		11

474	Opposition-Based Multiple-Objective Differential Evolution to Solve the Time-Cost-Environment Impact Trade-Off Problem in Construction Projects. <b>2015</b> , 29, 04014074		13
473	An Improved SPEA2 Algorithm with Adaptive Selection of Evolutionary Operators Scheme for Multiobjective Optimization Problems. <b>2016</b> , 2016, 1-20		13
472	Water quality permitting: From end-of-pipe to operational strategies. <b>2016</b> , 101, 114-126		37
471	A spam filtering multi-objective optimization study covering parsimony maximization and three-way classification. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 48, 111-123	7.5	16
470	Evolutionary multitasking in combinatorial search spaces: A case study in capacitated vehicle routing problem. <b>2016</b> ,		10
469	A Multiagent-Based Framework for Self-Adaptive Software with Search-Based Optimization. <b>2016</b> ,		6
468	. <b>2016</b> ,		5
467	Highway Rest Areas simultaneous energy optimization and user satisfaction. <b>2016</b> ,		1
466	Entropy determined hybrid two-stage multi-objective evolutionary algorithm combining locally linear embedding. <b>2016</b> ,		2
465	Adaptive indicator-based evolutionary algorithm for multiobjective optimization problems. <b>2016</b> ,		1
464	Towards adaptive weight vectors for multiobjective evolutionary algorithm based on decomposition. <b>2016</b> ,		6
463	. <b>2016</b> ,		5
462	Multiobjective wind driven optimization approach applied to transformer design. <b>2016</b> ,		5
461	Key challenges and future directions of dynamic multi-objective optimisation. <b>2016</b> ,		6
460	A Fast Randomized Algorithm for Multi-Objective Query Optimization. <b>2016</b> ,		2
459	A multi-phase adaptively guided multiobjective evolutionary algorithm based on decomposition for travelling salesman problem. <b>2016</b> ,		2
458	Winner Determination in Multi-Objective Combinatorial Reverse Auctions. <b>2016</b> ,		4
457	A Grid-Based Decomposition for Evolutionary Multiobjective Optimization. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 316-321	0.3	1

456	Multi-Objective Optimization for Wind Estimation and Aircraft Model Identification. <b>2016</b> , 39, 372-389		16
455	A balanced calibration of water quantity and quality by multi-objective optimization for integrated water system model. <b>2016</b> , 538, 802-816		19
454	A Symbiotic Organisms Search algorithm with adaptive penalty function to solve multi-objective constrained optimization problems. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 46, 344-360	7.5	106
453	A new rail optimisation model by integration of traffic management and train automation. <b>2016</b> , 71, 382-405		17
452	A method of structure optimization for high-speed and heavy-load robot based on dynamic characteristic analysis. <b>2016</b> ,		0
451	Risk-averse multi-objective generation dispatch considering transient stability under load model uncertainty. <b>2016</b> , 10, 2785-2791		13
450	A Two-Phase Multiobjective Evolutionary Algorithm for Enhancing the Robustness of Scale-Free Networks Against Multiple Malicious Attacks. <b>2017</b> , 47, 539-552		44
449	Urban bus network of priority lanes: A combined multi-objective, multi-criteria and group decision-making approach. <b>2016</b> , 52, 186-196		19
448	Multi-objective route search for electric vehicles using ant colony optimization. <b>2016</b> ,		4
447	References. <b>2016</b> , 297-314		
446	MONEDA: scalable multi-objective optimization with a neural network-based estimation of distribution algorithm. <b>2016</b> , 66, 729-768		3
445	Multi-Objective Memetic Search for Robust Motion and Distortion Correction in Diffusion MRI. <b>2016</b> , 35, 2280-2291		0
444	Optimization of combustion chamber geometry for natural gas engines with diesel micro-pilot-induced ignition. <b>2016</b> , 122, 552-563		38
443	Multi-objective optimization for long tail recommendation. <b>2016</b> , 104, 145-155		54
442	Learning simultaneous adaptive clustering and classification via MOEA. <b>2016</b> , 60, 37-50		9
441	A Memetic Multi-objective Immune Algorithm for Reservoir Flood Control Operation. <b>2016</b> , 30, 2957-2977		20
440	Testing variability-intensive systems using automated analysis: an application to Android. <b>2016</b> , 24, 365-405		14
439	Integrating life cycle assessment and multi-objective optimization for economical and environmentally sustainable supply of aggregate. <b>2016</b> , 113, 76-85		14

438	Passive performance and building form: An optimization framework for early-stage design support. <b>2016</b> , 125, 161-179		118
437	A novel Multiple Objective Symbiotic Organisms Search (MOSOS) for time-cost-labor utilization tradeoff problem. <b>2016</b> , 94, 132-145		98
436	Multi-objective Colliding Bodies Optimization. <b>2016</b> , 651-664		6
435	Multi-objective optimization of a high-speed train head based on the FFD method. <b>2016</b> , 152, 41-49		36
434	. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2016</b> , 20, 606-626	15.6	776
433	Sensor placement determination for range-difference positioning using evolutionary multi-objective optimization. <b>2016</b> , 47, 95-105		38
432	An improved reference point based multi-objective optimization by decomposition. <b>2016</b> , 7, 581-595		7
431	Optimal Sensor Deployment for Manufacturing Process Monitoring Based on Quantitative Cause-Effect Graph. <b>2016</b> , 13, 963-975		13
430	Dynamic Software Project Scheduling through a Proactive-Rescheduling Method. <b>2016</b> , 42, 658-686		27
429	A novel multi-objective memetic algorithm based on opposition-based self-adaptive differential evolution. <b>2016</b> , 8, 147-165		10
428	Integrating Chaotic Initialized Opposition Multiple-Objective Differential Evolution and Stochastic Simulation to Optimize Ready-Mixed Concrete Truck Dispatch Schedule. <b>2016</b> , 32, 04015034		11
427	Multi-objective grey wolf optimizer: A novel algorithm for multi-criterion optimization. <b>2016</b> , 47, 106-119		647
426	Multi-objective backtracking search algorithm for economic emission dispatch problem. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 40, 479-494	7.5	77
425	Economic and Environmental Generation and Voyage Scheduling of All-Electric Ships. <b>2016</b> , 31, 4087-4096		56
424	Multifactorial Evolution: Toward Evolutionary Multitasking. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2016</b> , 20, 343-357	15.6	292
423	Optimization of Potable Water Distribution and Wastewater Collection Networks: A Systematic Review and Future Research Directions. <b>2016</b> , 46, 659-681		40
422	An improved multi-objective population-based extremal optimization algorithm with polynomial mutation. <i>Information Sciences</i> , <b>2016</b> , 330, 49-73	7.7	75
421	. <b>2016</b> , 31, 2144-2153		55

420	Learning of Fuzzy Cognitive Maps With Varying Densities Using A Multiobjective Evolutionary Algorithm. <b>2016</b> , 24, 71-81		45
419	A study on a cooperative character modeling based on an improved NSGA II. <i>Multimedia Tools and Applications</i> , <b>2016</b> , 75, 4305-4320	2.5	14
418	Endocrine-based coevolutionary multi-swarm for multi-objective workflow scheduling in a cloud system. <i>Soft Computing</i> , <b>2017</b> , 21, 4309-4322	3.5	43
417	An affinity propagation-based multiobjective evolutionary algorithm for selecting optimal aiming points of missiles. <i>Soft Computing</i> , <b>2017</b> , 21, 3013-3031	3.5	9
416	Evolutionary Multiobjective Optimization algorithm for multimedia delivery in critical applications through Content-Aware Networks. <b>2017</b> , 73, 993-1016		5
415	Efficient dynamic resampling for dominance-based multiobjective evolutionary optimization. <b>2017</b> , 49, 311-327		2
414	Evolutionary robust optimization in production planning [Interactions between number of objectives, sample size and choice of robustness measure. <b>2017</b> , 79, 266-278		12
413	Multi-objective reliability-based design optimization approach of complex structure with multi-failure modes. <b>2017</b> , 64, 52-62		47
412	Subset simulation for multi-objective optimization. <b>2017</b> , 44, 425-445		13
411	Optimizing multi-objective sequencing problem in mixed-model assembly line on just-in-time: particle swarm optimization algorithm. <b>2017</b> , 12, 288-298		6
410	Multi-objective Dynamic Analysis Using Fractional Entropy. <b>2017</b> , 448-456		
409	Multi-objective Optimisation by Self-adaptive Evolutionary Algorithm. <i>Studies in Computational Intelligence</i> , <b>2017</b> , 111-134	0.8	
408	Micro-time variant multi-objective particle swarm optimization (micro-TVMOPSO) of a solar thermal combisystem. <b>2017</b> , 36, 76-90		8
407	A Survey on Modeling and Optimizing Multi-Objective Systems. <b>2017</b> , 19, 1867-1901		67
406	A methodology for the multi-objective shape optimization of thin noise barriers. <b>2017</b> , 50, 656-675		7
405	Multi-objective workflow scheduling in cloud system based on cooperative multi-swarm optimization algorithm. <b>2017</b> , 24, 1050-1062		16
404	Optimal Nash tuning rules for robust PID controllers. <b>2017</b> , 354, 3945-3970		15
403	A region division based diversity maintaining approach for many-objective optimization. <b>2017</b> , 24, 279-296		47

402	A novel metaheuristic for multi-objective optimization problems: The multi-objective vortex search algorithm. <i>Information Sciences</i> , <b>2017</b> , 402, 124-148	7.7	34
401	A cooperative negotiation embedded NSGA-II for solving an integrated product family and supply chain design problem with remanufacturing consideration. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 57, 19-34	7.5	22
400	Constructing Robust Cooperative Networks using a Multi-Objective Evolutionary Algorithm. <b>2017</b> , 7, 41600		13
399	Cross-entropy based multi-objective uncertain portfolio selection problem. <b>2017</b> , 32, 4467-4483		21
398	Particle engineering by optimization for the unseeded batch cooling crystallization of L-asparagine monohydrate. <b>2017</b> , 19, 6373-6382		7
397	Multi-Objective Optimization in Multi-Attribute and Multi-Unit Combinatorial Reverse Auctions. <b>2017</b> , 26, 1760016		5
396	A radial space division based evolutionary algorithm for many-objective optimization. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 61, 603-621	7.5	64
395	Stochastic Semantic-Based Multi-objective Genetic Programming Optimisation for Classification of Imbalanced Data. <b>2017</b> , 261-272		3
394	Discussion of Optimization of Phenol Removal Using Ti/PbO <sub>2</sub> Anode with Response Surface Methodology by C. Garcá-Ghez, J. A. Vidales-Contreras, J. N. Poles-Armenta, and P. Gortés-Moroyoqui. <b>2017</b> , 143, 07017001		3
393	Review of design optimization methods for turbomachinery aerodynamics. <b>2017</b> , 93, 1-23		66
392	Stochastic Fractal Based Multiobjective Fruit Fly Optimization. <b>2017</b> , 27, 417-433		7
391	Multi-objective parallel extremal optimization in processor load balancing for distributed programs. <b>2017</b> ,		1
390	Decomposition-Based-Sorting and Angle-Based-Selection for Evolutionary Multiobjective and Many-Objective Optimization. <b>2017</b> , 47, 2824-2837		82
389	Background on Multiobjective Optimization for Controller Tuning. <b>2017</b> , 23-58		3
388	Duality evolution: an efficient approach to constraint handling in multi-objective particle swarm optimization. <i>Soft Computing</i> , <b>2017</b> , 21, 7251-7267	3.5	17
387	Multi-criterion stochastic optimal selection of a double glazing system. <b>2017</b> , 10, 1-9		9
386	Many-objective optimization with dynamic constraint handling for constrained optimization problems. <i>Soft Computing</i> , <b>2017</b> , 21, 7435-7445	3.5	6
385	Comparisons of some improving strategies on NSGA-II for multi-objective inventory system. <b>2017</b> , 34, 61-69		2

384	FEMOEA: a fast and efficient multi-objective evolutionary algorithm. <b>2017</b> , 85, 113-135	5
383	A Survey of Multi-Objective Optimization in Wireless Sensor Networks: Metrics, Algorithms, and Open Problems. <b>2017</b> , 19, 550-586	227
382	Game Theory Based Evolutionary Algorithms: A Review with Nash Applications in Structural Engineering Optimization Problems. <b>2017</b> , 24, 703-750	30
381	Bi-Objective Vulnerability-Reduction Formulation for a Network under Diverse Attacks. <b>2017</b> , 3, 04017025	5
380	Deadline, Energy and Buffer-Aware Task Mapping Optimization in NoC-Based SoCs Using Genetic Algorithms. <b>2017</b> ,	5
379	ClusterMPP: An unsupervised density-based clustering algorithm via Marked Point Process. <b>2017</b> , 21, 827-847	2
378	. <b>2017</b> ,	2
377	A multi-objective genetic algorithm for assembly line resource assignment and balancing problem of type 2 (ALRABP-2). <b>2017</b> , 28, 371-385	29
376	Modified non-dominated sorted differential evolution for multi-objective optimization. <b>2017</b> ,	1
375	. <b>2017</b> ,	
374	Bibliography. <b>2017</b> , 309-323	
373	Multi-objective modified differential evolution algorithm with archive-base mutation for solving multi-objective (p)-xylene oxidation process. <b>2018</b> , 29, 35-49	12
372	Broadband sound transmission loss enhancement of an arbitrary-thick hybrid smart composite plate using multi-objective particle swarm optimizationBased active control. <b>2018</b> , 29, 1724-1747	10
371	A multi-criteria repair/recovery framework for the tail assignment problem in airlines. <b>2018</b> , 68, 137-151	9
370	Multi-objective spotted hyena optimizer: A Multi-objective optimization algorithm for engineering problems. <b>2018</b> , 150, 175-197	138
369	. <b>2018</b> , 5, 92-100	17
368	A two-stage R2 indicator based evolutionary algorithm for many-objective optimization. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 67, 245-260	7.5 43
367	A Collaborative Neurodynamic Approach to Multiobjective Optimization. <b>2018</b> , 29, 5738-5748	37

366	Community detection and resilience in multi-source, multi-terminal networks. <b>2018</b> , 232, 616-626	3
365	AIMOES: Archive information assisted multi-objective evolutionary strategy for ab initio protein structure prediction. <b>2018</b> , 146, 58-72	27
364	Bi-objective routing problem with asymmetrical travel time distributions. <b>2018</b> , 22, 87-98	5
363	Multi-objective design optimization for a two-stage transmission system under heavy load condition. <b>2018</b> , 122, 308-325	9
362	Comparison of multi-objective evolutionary algorithms in hybrid Kansei engineering system for product form design. <b>2018</b> , 36, 31-42	31
361	Multidisciplinary and Historical Perspectives for Developing Intelligent and Resource-Efficient Systems. <b>2018</b> , 6, 17464-17499	9
360	Optimization of rough transonic axial compressor. <b>2018</b> , 78, 12-25	3
359	A novel multiobjective lognormal-beta differential evolution approach for the transformer design optimization. <b>2018</b> , 35, 955-978	7
358	Minimizing total carbon footprint and total late work criterion in flexible job shop scheduling by using an improved multi-objective genetic algorithm. <b>2018</b> , 128, 267-283	82
357	Fuzzy c-means clustering-based mating restriction for multiobjective optimization. <b>2018</b> , 9, 1609-1621	9
356	Incorporation of Solvent Effect into Multi-Objective Evolutionary Algorithm for Improved Protein Structure Prediction. <b>2018</b> , 15, 1365-1378	33
355	Parallel testing and coverage analysis for context-free applications. <b>2018</b> , 21, 729-739	2
354	A modification of tree-seed algorithm using Deb's rules for constrained optimization. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 63, 289-305	7.5 43
353	Sensor deployment for variation diagnosis considering heterogeneity in single-station multi-step assembly processes. <b>2018</b> , 94, 3889-3901	0
352	Human-aligned artificial intelligence is a multiobjective problem. <b>2018</b> , 20, 27-40	28
351	Operation optimization with jointly controlled modules powered by hybrid energy source: A case study of desalination. <b>2018</b> , 81, 3070-3080	8
350	A fitness assignment strategy based on the grey and entropy parallel analysis and its application to MOEA. <b>2018</b> , 265, 813-828	15
349	Probabilistic Analysis of the (1+1)-Evolutionary Algorithm. <b>2018</b> , 26, 299-345	18



348	Probabilistic nonconvex constrained optimization with fixed number of function evaluations. <b>2018</b> , 113, 719-741		10
347	A Decomposition-Based Many-Objective Evolutionary Algorithm With Two Types of Adjustments for Direction Vectors. <b>2018</b> , 48, 2335-2348		52
346	MOGOA algorithm for constrained and unconstrained multi-objective optimization problems. <b>2018</b> , 48, 2268-2283		47
345	A multi-objective optimization model of component selection in enterprise information system integration. <b>2018</b> , 115, 278-289		9
344	Multi-objective optimization design for the multi-bubble pressure cabin in BWB underwater glider. <b>2018</b> , 10, 439-449		5
343	A decomposition-based archiving approach for multi-objective evolutionary optimization. <i>Information Sciences</i> , <b>2018</b> , 430-431, 397-413	7.7	65
342	Computational intelligence in optical remote sensing image processing. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 64, 75-93	7.5	120
341	Inconsistency reduction in decision making via multi-objective optimisation. <b>2018</b> , 267, 212-226		15
340	A tissue P system based evolutionary algorithm for multi-objective VRPTW. <b>2018</b> , 39, 310-322		13
339	Design optimization under uncertainties of a mesoscale implant in biological tissues using a probabilistic learning algorithm. <b>2018</b> , 62, 477-497		3
338	Opposition multiple objective symbiotic organisms search (OMOSOS) for time, cost, quality and work continuity tradeoff in repetitive projects. <b>2018</b> , 5, 160-172		26
337	EFA-An efficient algorithm for front allocation in non-dominated sorting. <b>2018</b> ,		
336	Instrumenting Parametric Physical Layout for Multi-objective Optimisation. <b>2018</b> ,		
335	Multi-objective optimization of steam system based on GPU acceleration. <b>2018</b> , 51, 183-188		1
334	Multi-objective Evolutionary Neural Network to Predict Graduation Success at the United States Military Academy. <b>2018</b> , 140, 196-205		2
333	Solving cockpit crew scheduling problem of a low-cost airline using metaheuristics. <b>2018</b> ,		
332	A Preliminary Study of Adaptive Indicator Based Evolutionary Algorithm for Dynamic Multiobjective Optimization via Autoencoding. <b>2018</b> ,		1
331	Pairing character classes in a deathmatch shooter game via a deep-learning surrogate model. <b>2018</b> ,		5

330	Energy and emission management of CCHPs with electric and thermal energy storage and electric vehicle. <b>2018</b> , 8, 494-508		44
329	Cascaded Evolutionary Multi-Objective System Optimization for a Proportional Directional Control Valve. <b>2018</b> ,		0
328	Preference-Inspired Co-Evolutionary Algorithms With Local PCA Oriented Goal Vectors for Many-Objective Optimization. <b>2018</b> , 6, 68701-68715		6
327	Multiobjective Optimization for Electromagnetics and Optics: An Introduction and Tutorial Based on Real-World Applications. <b>2018</b> , 60, 58-71		7
326	Thermoeconomic and environmental optimization of geothermal water desalination plant with ejector refrigeration system. <b>2018</b> , 178, 65-77		11
325	Investigation and Comparison of the Performance of Multi-Objective Evolutionary Algorithms Based on Decomposition and Dominance in Portfolio Optimization. <b>2018</b> ,		1
324	Adoption of an improved PSO to explore a compound multi-objective energy function in protein structure prediction. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 72, 539-551	7.5	14
323	Evolutionary Business Process Optimization using a Multiple-Criteria Decision Analysis method. <b>2018</b> ,		3
322	Multiobjective sparse unmixing approach with noise removal. <b>2018</b> ,		1
321	Ant Lion Approach Based on Lozi Map for Multiobjective Transformer Design Optimization. <b>2018</b> ,		2
320	Engineered metabarrier as shield from longitudinal waves: band gap properties and optimization mechanisms. <b>2018</b> , 19, 663-675		15
319	Visualizing the Optimization Process for Multi-objective Optimization Problems. <b>2018</b> , 333-344		3
318	Stochastic multi-objective energy management in residential microgrids with combined cooling, heating, and power units considering battery energy storage systems and plug-in hybrid electric vehicles. <b>2018</b> , 195, 301-317		92
317	Comparison of Constraint Handling Approaches in Multi-objective Optimization. <b>2018</b> , 345-362		
316	Enhanced multi-objective particle swarm optimisation for estimating hand postures. <b>2018</b> , 158, 175-195		13
315	Scheduling two interfering job sets on parallel machines under peak power constraint. <b>2018</b> , 12, 611-619		6
314	Multiobjective lightning search applied to Jiles-Atherton hysteresis model parameter estimation. <b>2018</b> ,		1
313	Interactive Multiobjective Optimization: A Review of the State-of-the-Art. <b>2018</b> , 6, 41256-41279		50

312	The morphospace of language networks. <b>2018</b> , 8, 10465		16
311	Multi-Objective Optimal Sensor Placement for Low-Pressure Gas Distribution Networks. <b>2018</b> , 18, 6660-6668		10
310	Wind-thermal dynamic economic emission dispatch with a hybrid multi-objective algorithm based on wind speed statistical analysis. <b>2018</b> , 12, 3972-3984		19
309	A Hybrid Metaheuristic for Multi-Objective Scientific Workflow Scheduling in a Cloud Environment. <b>2018</b> , 8, 538		29
308	Project scheduling with time, cost and risk trade-off using adaptive multiple objective differential evolution. <b>2018</b> , 25, 623-638		18
307	Effective processor load balancing using multi-objective parallel extremal optimization. <b>2018</b> ,		4
306	Nature-Inspired Multiobjective Epistasis Elucidation from Genome-Wide Association Studies. <b>2020</b> , 17, 226-237		12
305	Motion Planning of Robot Manipulator Based on Improved NSGA-II. <b>2018</b> , 16, 1878-1886		10
304	Multi-objective site selection optimization of the gas-gathering station using NSGA-II. <b>2018</b> , 119, 350-359		18
303	Crude oil refinery scheduling. <b>2018</b> ,		1
302	Decomposition-Based Evolutionary Multiobjective Optimization to Self-Paced Learning. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2019</b> , 23, 288-302	15.6	19
301	Multiobjective backtracking search algorithm: application to FSI. <b>2019</b> , 59, 131-151		6
300	An Evolutionary Multiobjective Carpool Algorithm Using Set-Based Operator Based on Simulated Binary Crossover. <b>2019</b> , 49, 3432-3442		10
299	A novel $\{CACO\}_{\mathbf{R}}$ -SVR multi-objective optimization approach and its application in aerodynamic shape optimization of high-speed train. <i>Soft Computing</i> , <b>2019</b> , 23, 5035-5051	3.5	6
298	A lexicographic genetic algorithm for hierarchical classification rule induction. <b>2019</b> ,		0
297	A survey on artificial intelligence trends in spacecraft guidance dynamics and control. <b>2019</b> , 3, 287-299		72
296	Multi-objective evolutionary algorithm for DNA codeword design. <b>2019</b> ,		1
295	A Generalized SDP Multi-Objective Optimization Method for EM-Based Microwave Device Design. <b>2019</b> , 19,		7

294	Bibliography. <b>2019</b> , 337-353		
293	Ensemble multi-objective evolutionary algorithm for gene regulatory network reconstruction based on fuzzy cognitive maps. <b>2019</b> , 4, 24-36		19
292	Optimal Dispatch of Integrated Energy System Considering Energy Hub Technology and Multi-Agent Interest Balance. <b>2019</b> , 12, 3112		6
291	A Novel Pareto-VIKOR Index for Ranking Scientists' Publication Impacts: A Case Study on Evolutionary Computation Researchers. <b>2019</b> ,		1
290	Adaptive multifactorial particle swarm optimisation. <b>2019</b> , 4, 37-46		25
289	Multi-scenario microgrid optimization using an evolutionary multi-objective algorithm. <b>2019</b> , 50, 100570		10
288	Multi-objective uncapacitated facility location problem with customers' preferences: Pareto-based and weighted sum GA-based approaches. <i>Soft Computing</i> , <b>2019</b> , 23, 12347-12362	3.5	11
287	Sensor layout optimization by integrating Bayesian approach to diagnose multi-station assembly processes. <b>2019</b> , 146, 230-240		6
286	Maintenance applications of multi-criteria optimization: A review. <i>Reliability Engineering and System Safety</i> , <b>2019</b> , 190, 106520	6.3	27
285	Product form design model based on the robust posterior preference articulation approach. <b>2019</b> , 27, 126-143		2
284	A multi-objective evolutionary approach for fuzzy regression analysis. <b>2019</b> , 130, 225-235		16
283	Evolutionary aspects of reservoir computing. <b>2019</b> , 374, 20180377		17
282	A parallel MOEA with criterion-based selection applied to the Knapsack Problem. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 80, 358-373	7.5	7
281	Bio-inspired computation: Where we stand and what's next. <b>2019</b> , 48, 220-250		264
280	A novel multi-objective evolutionary algorithm with dynamic decomposition strategy. <b>2019</b> , 48, 182-200		14
279	A Multi-Objective Particle Swarm Optimization Algorithm Based on Gaussian Mutation and an Improved Learning Strategy. <b>2019</b> , 7, 148		12
278	EMOSOR: Evolutionary multiple objective optimization guided by interactive stochastic ordinal regression. <b>2019</b> , 108, 134-154		9
277	IBEA-SVM: An Indicator-based Evolutionary Algorithm Based on Pre-selection with Classification Guided by SVM. <b>2019</b> , 34, 1-26		29

276	Design factors for determining the radula shape of Euhadra Peliomphala. <b>2019</b> , 9, 749	5
275	Solving an ammunition distribution network design problem using multi-objective mathematical modeling, combined AHP-TOPSIS, and GIS. <b>2019</b> , 129, 512-528	18
274	Handling many-objective optimisation problems with R2 indicator and decomposition-based particle swarm optimiser. <b>2019</b> , 50, 320-336	8
273	Multi-objective Optimization in FluidStructure Interaction. <b>2019</b> , 217-249	
272	An Advanced Harmony Search Algorithm Based on Harmony Anchoring and Reverse Learning. <b>2019</b> ,	
271	A Pareto-Based Hybrid Whale Optimization Algorithm with Tabu Search for Multi-Objective Optimization. <b>2019</b> , 12, 261	6
270	Development and testing of the genetic algorithm to select a scenario of distributed generation power supply system. <b>2019</b> , 497, 012056	12
269	Distribution Network Reconfiguration considering Multiple Objectives - A Strategic Approach. <b>2019</b> , ,	1
268	Energy Management Models: A Game-Theoretic Optimization Techniques for Energy Management in Smart Grid. <b>2019</b> ,	1
267	Sixty Years of Coherent Versus Non-Coherent Tradeoffs and the Road From 5G to Wireless Futures. <b>2019</b> , 7, 178246-178299	29
266	Proposing a Pareto-VIKOR Ranking Method for Enhancing Parallel Coordinates Visualization. <b>2019</b> ,	0
265	Long Term Memory Assistance for Evolutionary Algorithms. <b>2019</b> , 7, 1129	13
264	Back to the Roots: Multi-X Evolutionary Computation. <b>2019</b> , 11, 1-17	19
263	A novel multi-objective optimization algorithm based on Lightning Attachment Procedure Optimization algorithm. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 75, 404-427	7.5 31
262	Evolutionary Multi Optimization Business Process Designs Using MR-Sort NSGAII. <b>2019</b> , 24-31	
261	Novel Supervisory Control Method for Islanded Droop-Based AC/DC Microgrids. <b>2019</b> , 34, 2140-2151	20
260	Multi-objective optimized genomic breeding strategies for sustainable food improvement. <b>2019</b> , 122, 672-683	46
259	Computational Comparison of Metaheuristics. <b>2019</b> , 581-604	3

258	A Bi-objective Genetic Algorithm Optimization of Chaos-DNA Based Hybrid Approach. <b>2019</b> , 28, 333-346		10
257	A Classification-Based Surrogate-Assisted Evolutionary Algorithm for Expensive Many-Objective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2019</b> , 23, 74-88	15.6	134
256	Review of Robust Aerodynamic Design Optimization for Air Vehicles. <b>2019</b> , 26, 685-732		19
255	Evolutionary Multiobjective Clustering and Its Applications to Patient Stratification. <b>2019</b> , 49, 1680-1693		31
254	Application of an evolutionary algorithm-based ensemble model to job-shop scheduling. <b>2019</b> , 30, 879-890		14
253	Dual-information-based evolution and dual-selection strategy in evolutionary multiobjective optimization. <i>Soft Computing</i> , <b>2020</b> , 24, 3193-3221	3.5	3
252	A Subregion Division-Based Evolutionary Algorithm With Effective Mating Selection for Many-Objective Optimization. <b>2020</b> , 50, 3477-3490		22
251	A survey on QoS mechanisms in WSN for computational intelligence based routing protocols. <b>2020</b> , 26, 2465-2486		18
250	Virtual Machine Migration Strategy for Cloud Data Center Based on NSGAII. <b>2020</b> , 883-890		
249	Review of Semantic Web Mining in Retail Management System Using Artificial Neural Network. <b>2020</b> , 537-549		
248	Multi-Objective Optimal STATCOM Allocation for Voltage Sag Mitigation. <b>2020</b> , 35, 1410-1422		10
247	Improving End-Users Utility in Software-Defined Wide Area Network Systems. <b>2020</b> , 17, 696-707		19
246	Multi-objective optimization for location-based and preferences-aware recommendation. <i>Information Sciences</i> , <b>2020</b> , 513, 614-626	7.7	22
245	A Multi-constraint Handling Techniquebased Niching Evolutionary Algorithm for Constrained Multi-objective optimization Problems. <b>2020</b> ,		1
244	A Robot Hybrid Hierarchical Network for Sensing Environmental Variables of a Smart Grid. <b>2020</b> , 20,		1
243	A novel hybrid model based on combined preprocessing method and advanced optimization algorithm for power load forecasting. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 97, 106809	7.5	25
242	Tracking Moving Optima of Dynamic Multi-objective Problem via Prediction in Objective Space. <b>2020</b> ,		
241	Solving Dynamic Multiobjective Problem via Autoencoding Evolutionary Search. <b>2020</b> , PP,		7

240	Structural optimization of light-weight battery module based on hybrid liquid cooling with high latent heat PCM. <b>2020</b> , 163, 120495	17
239	Approaches to Multi-Objective Feature Selection: A Systematic Literature Review. <b>2020</b> , 1-1	43
238	Multi-objective bi-level optimization model for the investment in gas infrastructures. <b>2020</b> , 30, 100492	3
237	A multi-objective hyper heuristic framework for integrated optimization of carrier-based aircraft flight deck operations scheduling and resource configuration. <b>2020</b> , 107, 106346	6
236	An Operational Approach to Multi-Objective Optimization for Volt-VAr Control. <b>2020</b> , 13, 5871	2
235	TOPSIS Decision on Approximate Pareto Fronts by Using Evolutionary Algorithms: Application to an Engineering Design Problem. <b>2020</b> , 8, 2072	3
234	Consumption-based multi-objective optimization model for minimizing energy consumption: A case study of China. <b>2020</b> , 208, 118384	8
233	Robust Multiscale Identification of Apparent Elastic Properties at Mesoscale for Random Heterogeneous Materials with Multiscale Field Measurements. <b>2020</b> , 13,	3
232	Multiobjective aerodynamic shape optimization of NACA0012 airfoil based mesh morphing. <b>2020</b> , 11, 11	1
231	Bi-objective memetic GP with dispersion-keeping Pareto evaluation for real-world regression. <i>Information Sciences</i> , <b>2020</b> , 539, 16-35	7-7 4
230	A Cross-Reference Line Method Based Multiobjective Evolutionary Algorithm to Enhance Population Diversity. <b>2020</b> , 2020, 7179647	
229	A hybrid algorithm based on MOEA/D and local search for multiobjective optimization. <b>2020</b> ,	1
228	Fate of Duplicated Neural Structures. <b>2020</b> , 22,	1
227	Decomposition-Based Multi-Objective Evolutionary Algorithm Design Under Two Algorithm Frameworks. <b>2020</b> , 8, 163197-163208	5
226	A many-objective evolutionary algorithm based on decomposition with dynamic resource allocation for irregular optimization. <b>2020</b> , 21, 1171-1190	2
225	A constraint-based approach for optimizing the design of overhead lines. <b>2020</b> , 14, 1121-1139	0
224	A Decomposition based Multi-objective Evolutionary Algorithm with ReliefF based Local Search and Solution Repair Mechanism for Feature Selection. <b>2020</b> ,	1
223	Mining High Quality Patterns Using Multi-Objective Evolutionary Algorithm. <b>2020</b> , 1-1	5

222	Research on rapid planning of intelligent aircraft trajectory under multiple constraints. <b>2020</b> , 1592, 012021		1
221	Ageing, computation and the evolution of neural regeneration processes. <b>2020</b> , 17, 20200181		3
220	Multi-objective optimization of a liquid cooled battery module with collaborative heat dissipation in both axial and radial directions. <b>2020</b> , 155, 119701		14
219	Multi-objective metaheuristics for discrete optimization problems: A review of the state-of-the-art. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 93, 106382	7.5	43
218	Pareto dominance based Multiobjective Cohort Intelligence algorithm. <i>Information Sciences</i> , <b>2020</b> , 538, 69-118	7.7	11
217	Multi-objective performance of smart hybrid energy system with Multi-optimal participation of customers in day-ahead energy market. <b>2020</b> , 216, 109964		32
216	A Simulation-Optimisation approach for hospital beds allocation. <b>2020</b> , 141, 104174		4
215	Parameter optimization of environmental technologies using a LCA-based analysis scheme: A bioaugmentation case study. <b>2020</b> , 737, 140284		5
214	Modelling demand flexibility and energy storage to support increased penetration of renewable energy resources on Porto Santo. <b>2020</b> , 10, 1118-1132		2
213	Multiobjective Optimization of Sensor Placement for Precipitation Station Monitoring Network Design. <b>2020</b> , 25, 04020039		5
212	Multiobjective evolutionary algorithm (MOEA)-based sparse clustering. <b>2020</b> , 127-195		
211	Multiobjective optimization algorithm-based image segmentation. <b>2020</b> , 301-349		0
210	Theoretical basis of natural computation. <b>2020</b> , 81-95		
209	A knee point-driven multi-objective artificial flora optimization algorithm. <b>2020</b> , 27, 3573		2
208	Multiobjective Parallel Chaos Optimization Algorithm with Crossover and Merging Operation. <b>2020</b> , 2020, 1-13		1
207	Optimal orbit design for repeat-pass multi-baseline observation of tomographic SAR satellites. <b>2020</b> , 65, 1981-1989		0
206	Criticality in Pareto Optimal Grammars?. <b>2020</b> , 22,		2
205	Advances in sustainable integrated solid waste management systems: lessons learned over the decade 2007-2018. <b>2020</b> , 63, 2287-2312		8



204	Enhancing tree-seed algorithm via feed-back mechanism for optimizing continuous problems. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 92, 106314	7.5	8
203	Impact of Controlling Parameters on the Performance of MOPSO Algorithm. <b>2020</b> , 167, 2132-2139		8
202	Optimizing multi-mode time-cost-quality trade-off of construction project using opposition multiple objective difference evolution. <b>2021</b> , 21, 271-283		22
201	Adaptive simulated binary crossover for rotated multi-objective optimization. <b>2021</b> , 60, 100759		12
200	Incorporating decision-maker's preferences into the automatic configuration of bi-objective optimisation algorithms. <b>2021</b> , 289, 1209-1222		1
199	An approach for optimizing multi-objective problems using hybrid genetic algorithms. <i>Soft Computing</i> , <b>2021</b> , 25, 389-405	3.5	14
198	Multi-objective optimization and numerical modelling of helical coil spring for automotive application. <b>2021</b> , 46, 4847-4853		2
197	MOSOA: A new multi-objective seagull optimization algorithm. <b>2021</b> , 167, 114150		66
196	SceneNet: Remote sensing scene classification deep learning network using multi-objective neural evolution architecture search. <b>2021</b> , 172, 171-188		34
195	Genetic algorithm-based joint Spectral-Energy efficiency optimisation for 5G heterogeneous network. <b>2021</b> , 108, 887-907		0
194	EMoSOA: a new evolutionary multi-objective seagull optimization algorithm for global optimization. <b>2021</b> , 12, 571-596		45
193	Static and incremental dynamic approaches for multi-objective bitmap join indexes selection in data warehouses. <b>2021</b> , 77, 3933-3958		0
192	Manifold Learning-Inspired Mating Restriction for Evolutionary Multiobjective Optimization With Complicated Pareto Sets. <b>2021</b> , 51, 3325-3337		14
191	A Metaheuristic Framework for Dynamic Virtual Machine Allocation With Optimized Task Scheduling in Cloud Data Centers. <b>2021</b> , 9, 74218-74233		7
190	Neuroevolution in Deep Neural Networks: Current Trends and Future Challenges. <b>2021</b> , 1-1		12
189	Modeling technology of ship magnetic field with high precision and stability. <b>2021</b> , 0-0		2
188	A New Evolutionary Approach to Multiparty Multiobjective Optimization. <b>2021</b> , 58-69		0
187	Soccer-Inspired Metaheuristics: Systematic Review of Recent Research and Applications. <b>2021</b> , 81-102		5

186	Sizing a Hybrid Renewable Energy System by a Coevolutionary Multiobjective Optimization Algorithm. <b>2021</b> , 2021, 1-9	3
185	Priority-Aware Secure Precoding Based on Multi-Objective Symbol Error Ratio Optimization. <b>2021</b> , 69, 1912-1929	
184	Multi-objective economic dispatch of distributed generation using differential evolution algorithm. <b>2021</b> , 1084, 012016	1
183	Reliability-based design optimization approach for compressor disc with multiple correlated failure modes. <b>2021</b> , 110, 106493	5
182	A study on multiform multi-objective evolutionary optimization. <b>2021</b> , 13, 307-318	1
181	Multi-level parallel chaotic Jaya optimization algorithms for solving constrained engineering design problems. 1	4
180	Energy management of a smart autonomous electrical grid with a hydrogen storage system. <b>2021</b> , 46, 17608-17626	18
179	. <i>IEEE Computational Intelligence Magazine</i> , <b>2021</b> , 16, 78-98	5.6 2
178	Multi-objective downscaling of precipitation time series by genetic programming.	0
177	Multi-stage dimension reduction for expensive sparse multi-objective optimization problems. <b>2021</b> , 440, 159-174	6
176	A Survey on WSN Issues with its Heuristics and Meta-Heuristics Solutions. <b>2021</b> , 121, 745	9
175	Empirical Studies on the Role of the Decision Maker in Interactive Evolutionary Multi-Objective Optimization. <b>2021</b> ,	1
174	Single and multi-objective optimization of nanofluid flow in flat tube to enhance heat transfer using antlion optimizer algorithms. <b>2021</b> , 12, 1026	
173	An integrated multicriteria decision-making approach for distribution system expansion planning. <b>2021</b> , 36, 4962-4989	0
172	An NSABC algorithm for multi-aisle AS/RS scheduling optimization. <b>2021</b> , 156, 107254	4
171	Surrogate ModelBased Robust Multidisciplinary Design Optimization of an Unmanned Aerial Vehicle. <b>2021</b> , 34,	1
170	Evolutionary 3D Image Segmentation of Curve Epithelial Tissues of <i>Drosophila melanogaster</i> . <b>2021</b> , 11, 6410	
169	Multi-Objective Optimization of Six-Degree-of-Freedom Satellite Aero-Assisted Maneuvers. <b>2021</b> , 58, 1061-1070	

168	Pioneer selection for evolutionary multiobjective optimization with discontinuous feasible region. <b>2021</b> , 65, 100932	2
167	Games in Rigged Economies. <b>2021</b> , 11,	1
166	Recent Development in Electricity Price Forecasting Based on Computational Intelligence Techniques in Deregulated Power Market. <b>2021</b> , 14, 6104	2
165	Dominating Lengthscales of Zebrafish Collective Behaviour.	
164	An Improved Multi-objective Particle Swarm Optimization with Mutual Information Feedback Model and Its Application. 1	
163	Multi-objective optimization for pavement maintenance and rehabilitation decision-making: A critical review and future directions. <b>2021</b> , 130, 103840	11
162	MOMPA: Multi-objective marine predator algorithm. <b>2021</b> , 385, 114029	17
161	A multi-objective formulation of maximal covering location problem with customers' preferences: Exploring Pareto optimality-based solutions. <b>2021</b> , 186, 115830	0
160	Multi-Task Particle Swarm Optimization With Dynamic Neighbor and Level-Based Inter-Task Learning. <b>2021</b> , 1-15	2
159	An Approach to Optimize Multi-objective Problems Using Hybrid Genetic Algorithms Supported by Initial Centroid Selection Optimization Enhanced K-Means Based Selection Operator. <b>2021</b> , 64-87	
158	Improving convergence in swarm algorithms by controlling range of random movement. <b>2021</b> , 20, 513-560	1
157	An Improved Genetic Transmission and Dynamic-Opposite Learning Strategy for Multitasking Optimization. <b>2021</b> , 9, 131789-131805	1
156	Identifying Potential Gene Markers Using SVM Classifier Ensemble. 277-291	1
155	Pareto Set and EMOA Behavior for Simple Multimodal Multiobjective Functions. <b>2006</b> , 513-522	43
154	Infeasible Elitists and Stochastic Ranking Selection in Constrained Evolutionary Multi-objective Optimization. <b>2006</b> , 336-344	19
153	Preference Vector Ant Colony System for Minimising Make-span and Energy Consumption in a Hybrid Flow Shop. <b>2011</b> , 279-304	4
152	Comparison of Metaheuristics. <b>2010</b> , 625-640	33
151	Planning and Scheduling of Business Processes in Run-Time: A Repair Planning Example. <b>2011</b> , 75-87	2

150	Why You Should Consider Nature-Inspired Optimization Methods in Financial Mathematics. <b>2011</b> , 241-255		4
149	Fuzzy Portfolio Selection Models: A Numerical Study. <b>2012</b> , 253-280		6
148	Microcontroller Implementation of a Multi Objective Genetic Algorithm for Real-Time Intelligent Control. <b>2014</b> , 71-80		6
147	Multiobjective Optimization and Phase Transitions. <b>2016</b> , 259-270		4
146	Particle Swarm Optimization for Multi-Objective Web Service Location Allocation. <b>2016</b> , 219-234		4
145	Solving Constrained Multi-objective Optimization Problems with Evolutionary Algorithms. <b>2017</b> , 57-66		3
144	Adjusting Parallel Coordinates for Investigating Multi-objective Search. <b>2017</b> , 224-235		6
143	Simulated Evolution under Multiple Criteria Conditions Revisited. <b>2008</b> , 249-261		3
142	Improving Computational Mechanics Optimum Design Using Helper Objectives: An Application in Frame Bar Structures. <b>2007</b> , 575-589		15
141	Overview of Artificial Immune Systems for Multi-objective Optimization. <b>2007</b> , 937-951		23
140	The Role of Fuzziness in Decision Making. <b>2007</b> , 337-349		20
139	On the Convergence Properties of Quantum-Inspired Multi-Objective Evolutionary Algorithms. <b>2007</b> , 245-255		3
138	On the Usefulness of MOEAs for Getting Compact FRBSs Under Parameter Tuning and Rule Selection. <i>Studies in Computational Intelligence</i> , <b>2008</b> , 91-107	0.8	5
137	A Memetic Coevolutionary Multi-Objective Differential Evolution Algorithm. <i>Studies in Computational Intelligence</i> , <b>2009</b> , 369-388	0.8	6
136	Robust Design of Noise Attenuation Barriers with Evolutionary Multiobjective Algorithms and the Boundary Element Method. <b>2009</b> , 261-274		5
135	Priority Elicitation in the AHP by a Pareto Envelope-Based Selection Algorithm. <b>2010</b> , 249-257		9
134	Analysis of Approximation-Based Memetic Algorithms for Engineering Optimization. <b>2010</b> , 163-191		2
133	Evolutionary Multiobjective Neural Network Models Identification: Evolving Task-Optimised Models. <i>Studies in Computational Intelligence</i> , <b>2011</b> , 21-53	0.8	14

132	Design of Scheduling Algorithms. <b>2010</b> , 299-321	1
131	Evolutionary Based Automated Coverage Analysis for GUI Testing. <i>Communications in Computer and Information Science</i> , <b>2010</b> , 456-466	0.3 3
130	Faster Convergence and Higher Hypervolume for Multi-objective Evolutionary Algorithms by Orthogonal and Uniform Design. <b>2010</b> , 312-328	5
129	MaxiMin MOPSO Design of Parallel Robotic Manipulators. <b>2011</b> , 339-347	4
128	Multi-objective Genetic Algorithm Evaluation in Feature Selection. <b>2011</b> , 462-476	17
127	Alleviate the Hypervolume Degeneration Problem of NSGA-II. <b>2011</b> , 425-434	2
126	Pervasive Sensing and M-Health: Vital Signs and Daily Activity Monitoring. <b>2013</b> , 1-49	9
125	Multi-Objective Differential Evolution on the GPU with C-CUDA. <b>2013</b> , 123-132	10
124	Multi-objective Topic Modeling. <b>2013</b> , 51-65	6
123	A New Differential Evolution for Multiobjective Optimization by Uniform Design and Minimum Reduce Hypervolume. <b>2010</b> , 199-208	3
122	Interpretability Issues in Evolutionary Multi-Objective Fuzzy Knowledge Base Systems. <b>2013</b> , 473-484	3
121	Mean-Entropy Model of Uncertain Portfolio Selection Problem. <b>2018</b> , 25-54	5
120	Optimal Placement of STATCOMs Against Short-Term Voltage Instability. <b>2015</b> , 477-503	1
119	Review and Classification of Bio-inspired Algorithms and Their Applications. <b>2020</b> , 17, 611-631	27
118	Multi-objective optimized breeding strategies.	2
117	Multi-class clustering of cancer subtypes through SVM based ensemble of pareto-optimal solutions for gene marker identification. <b>2010</b> , 5, e13803	35
116	Artificial evolution by viability rather than competition. <b>2014</b> , 9, e86831	11
115	Pareto Optimization Identifies Diverse Set of Phosphorylation Signatures Predicting Response to Treatment with Dasatinib. <b>2015</b> , 10, e0128542	3

114	Research on Evolutionary Multi-Objective Optimization Algorithms. <b>2009</b> , 20, 271-289		91
113	A Normal Distribution Crossover for EMOEA. <b>2009</b> , 20, 305-314		9
112	Clone Selection Algorithm to Solve Preference Multi-Objective Optimization. <b>2010</b> , 21, 14-33		19
111	A Multilevel Thresholding Method Based on Multiobjective Optimization for Non-Supervised Image Segmentation. <b>2012</b> , 182-201		1
110	Parallel Single and Multiple Objectives Genetic Algorithms. <b>2011</b> , 2, 21-57		11
109	Multi-objective PI controller tuning using NSGA-II with preferability. <b>2021</b> ,		
108	A new optimization algorithm to solve multi-objective problems. <b>2021</b> , 11, 20326		3
107	An Improved GA with Matrix-Coding for Optimizing a Complex Disassembly Sequence Problem on ELV.		0
106	COMMONS GAME Made More Exciting by an Intelligent Utilization of the Two Evolutionary Algorithms. <i>Studies in Computational Intelligence</i> , <b>2007</b> , 1-16	0.8	4
105	Scalable Continuous Multiobjective Optimization with a Neural NetworkBased Estimation of Distribution Algorithm. <b>2008</b> , 535-544		4
104	A Novel Hybrid Particle Swarm Optimization for Multi-Objective Problems. <b>2009</b> , 28-37		3
103	The Dominance Based Multi-Objective Evolutionary Algorithm and an Adaptive Strategy. <b>2009</b> , 31, 1063-1072		
102	Multi-criteria Manipulator Trajectory Optimization Based on Evolutionary Algorithms. <b>2010</b> , 87-94		
101	Optimal Controller Comparison Using Pareto Fronts. <b>2010</b> , 209-214		3
100	Solving Multiobjective Optimization Problem by Constraint Optimization. <b>2010</b> , 637-646		
99	Determining Subunits for Sign Language Recognition by Evolutionary Cluster-Based Segmentation of Time Series. <b>2010</b> , 189-196		1
98	Novel Multi-Objective Genetic Algorithm Based on Static Bayesian Game Strategy. <b>2010</b> , 612-619		
97	A Multiple Ant Colony Optimisation Approach for a Multi-objective Manufacturing Rescheduling Problem. <b>2011</b> , 343-361		

96 Selected Aspects of Natural Computing. **2012**, 1737-1801

95 Differential Evolution Using Local Search for Multi-objective Optimization. **2012**, 95-102

94 Engineering Knowledge-Based Variance-Reduction Simulation and G-Dominance for Structural Frame Robust Optimization. **2013**, 5, 680359

93 Multilevel Image Segmentation by a Multiobjective Genetic Algorithm Based OptiMUSIG Activation Function. **2013**, 122-162

1

92 A Hybrid Simplex Multi-Objective Evolutionary Algorithm Based on A New Fitness Assignment Strategy. **2013**, 8,

0

91 References. **2013**, 321-341

90 Multi-Objective Genetic and Fuzzy Approaches in Rule Mining Problem of Knowledge Discovery in Databases. **2014**, 147-179

89 The potential of support vector machines and Kriging in modelling the gas cyclone performance. **2014**, 513-518

88 Integrated Management of Energy Resources in the Residential Sector Using Evolutionary Computation. **2015**, 320-347

1

87 MRI Brain Image Segmentation Using Interactive Multiobjective Evolutionary Approach. **2016**, 10-29

86 Optimal Cluster Head Positioning in Heterogeneous Sensor Networks. **2016**, 153-170

85 Incorporating Gene Ontology Information in Gene Expression Data Clustering Using Multiobjective Evolutionary Optimization: Application in Yeast Cell Cycle Data. **2018**, 55-78

84 Multi-Objective Extremal Optimization in Processor Load Balancing for Distributed Programs. **2018**, 176-188

83 Competency Mapping in Academic Environment. **2018**, 244-263

82 A Multi-objective Artificial Flora Optimization Algorithm. **2019**, 267-277

1

81 Aging, computation, and the evolution of neural regeneration processes.

0

80 Introduction to Multi-objective Optimization Design. **2020**, 141-151

79 Partial Dominance for Many-Objective Optimization. **2020**,

78	Trajectory Planning in Joint Space for a Pointing Mechanism Based on a Novel Hybrid Interpolation Algorithm and NSGA-II Algorithm. <b>2020</b> , 8, 228628-228638			1
77	A method for determining the weight of objective indoor environment and subjective response based on information theory. <b>2022</b> , 207, 108426			2
76	A pareto front-based metric to identify major bitcoin networks influencers. <b>2020</b> ,			1
75	Pareto Artificial Life Algorithm for Multi-Objective Optimization. 100-115			
74	Parallel Single and Multiple Objectives Genetic Algorithms. 73-110			
73	Multi-Objective Genetic and Fuzzy Approaches in Rule Mining Problem of Knowledge Discovery in Databases. 1083-1114			
72	Parallel Multi-Criterion Genetic Algorithms. 172-186			
71	A multipopulation evolutionary framework with Steffensen's method for dynamic multiobjective optimization problems. <b>2021</b> , 13, 477-495			0
70	A multi-objective cross-entropy optimization algorithm and its application in high-speed train lateral control. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 115, 108151	7.5		0
69	Semantics in Multi-objective Genetic Programming. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 108143	7.5		0
68	Single-cell generalized trend model (scGTM): a flexible and interpretable model of gene expression trend along cell pseudotime.			
67	A Surrogate-Assisted Many-Objective Evolutionary Algorithm Using Multi-Classification and Coevolution for Expensive Optimization Problems. <b>2021</b> , 9, 159160-159174			1
66	Evolutionary Search with Multi-View Prediction for Dynamic Multi-objective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2021</b> , 1-1	15.6		1
65	Non-dominated differential context modeling for context-aware recommendations. 1			1
64	Benefits of sparse population sampling in multi-objective evolutionary computing for large-Scale sparse optimization problems. <b>2022</b> , 69, 101025			2
63	DMOEA- $\epsilon$ -CD : Decomposition-Based Multiobjective Evolutionary Algorithm With the $\epsilon$ -Constraint Framework. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2017</b> , 21, 714-730	15.6		32
62	Algorithm Configurations of MOEA/D with an Unbounded External Archive. <b>2020</b> ,			1
61	Genetic Algorithm Based on Multiple Population in a Business Process Optimization Issue. <b>2020</b> ,			



60	Multi-objective path planning for lung biopsy surgery. <i>Multimedia Tools and Applications</i> , 1	2.5	0
59	A survey on soft computing-based high-utility itemsets mining. <i>Soft Computing</i> , 1	3.5	
58	Artificial Intelligence and Optimisation Techniques for Risk Reduction in Civil Engineering. <i>Advances in E-Business Research Series</i> , <b>2022</b> , 55-72	0.4	
57	Reducing Negative Transfer Learning via Clustering for Dynamic Multiobjective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2022</b> , 1-1	15.6	0
56	The Trap of Sisyphian Work in Differential Evolution and How to Avoid It. <i>Studies in Computational Intelligence</i> , <b>2022</b> , 137-174	0.8	
55	MOSAIC: Multi-objective Optimization Strategy for AI-aided Internet-of-Things Communications. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	
54	Design and Analysis of Nanchong Sports Public Service Information Platform Based on Multiobjective Optimization. <i>Scientific Programming</i> , <b>2022</b> , 2022, 1-13	1.4	
53	Machine Learning in Real-Time Internet of Things (IoT) Systems: A Survey. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
52	Segment-condition-based railway track maintenance schedule optimization. <i>Computer-Aided Civil and Infrastructure Engineering</i> ,	8.4	
51	Research on Forecast of Macroeconomic Indicators Based on Multiobjective Optimization. <i>Wireless Communications and Mobile Computing</i> , <b>2022</b> , 2022, 1-14	1.9	
50	A multi-objective model for optimizing the redundancy allocation, component supplier selection, and reliable activities for multi-state systems. <i>Reliability Engineering and System Safety</i> , <b>2022</b> , 222, 108394	6.3	4
49	Multifactorial Bare Bones Sine Cosine algorithm with Chaotic-based elite learning for Multi-tasking Optimization. <b>2021</b> ,		
48	An End-to-end Beacon Placement Optimization System for Indoor Positioning. <b>2021</b> ,		1
47	An Investigation on Multi-Objective Fish Breeding Program Design. <b>2021</b> ,		
46	Application of AMOGWO in Multi-Objective Optimal Allocation of Water Resources in Handan, China. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 63	3	
45	Multi-workflow Scheduling Based on Implicit Information Transmission in Cloud Computing Environment. <i>Communications in Computer and Information Science</i> , <b>2022</b> , 86-103	0.3	
44	Model Order Determination: A Multi-Objective Evolutionary Neural Network Scheme. <i>SN Computer Science</i> , <b>2022</b> , 3, 1	2	
43	Multitasking Multiobjective Optimization Based on Transfer Component Analysis. <i>Information Sciences</i> , <b>2022</b> ,	7.7	0

42	A Multi-Objective Quantum Genetic Algorithm for MIMO Radar Waveform Design. <i>Remote Sensing</i> , <b>2022</b> , 14, 2387	5	1
41	Bayesian optimization package: PHYSBO. <i>Computer Physics Communications</i> , <b>2022</b> , 278, 108405	4.2	5
40	Accelerating Evolutionary Neural Architecture Search via Multi-Fidelity Evaluation. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , <b>2022</b> , 1-1	3	0
39	Decoding the Architectural Genome: Multi-Objective Evolutionary Algorithms in Design. <i>Technology Architecture and Design</i> , <b>2022</b> , 6, 68-79	0.4	0
38	Multi-objective optimization of turbocharger turbines for low carbon vehicles using meanline and neural network models. <i>Energy Conversion and Management: X</i> , <b>2022</b> , 15, 100261	2.5	
37	Multi-Objective Search Group Algorithm for engineering design problems. <i>Applied Soft Computing Journal</i> , <b>2022</b> , 126, 109287	7.5	1
36	Neuroevolutionary multi-objective approaches to trajectory prediction in autonomous vehicles. <b>2022</b> ,		
35	Overview on Task Allocation Methods for Cooperative Multi-target Attack. <b>2023</b> , 26-33		
34	Meta-Heuristics Optimization of Mirrors for Gravitational Wave Detectors: Cryogenic Case. <b>2022</b> , 12, 7680		1
33	MOAVOA: a new multi-objective artificial vultures optimization algorithm.		1
32	Using Dominated Solutions at Edges to the Diversity and the Uniformity of Non-dominated Solution Distributions in NSGA-II. <b>2022</b> , 3,		
31	A Bi-objective green tugboat scheduling problem with the tidal port time windows. <b>2022</b> , 110, 103409		
30	Multi-objective missile boat scheduling problem using an integrated approach of NSGA-II, MOEAD, and data envelopment analysis. <b>2022</b> , 127, 109353		0
29	Multi-Objective Differential Evolution for Constrained Optimization.		0
28	Reducing Power Peaks in Railway Traffic Flow Subject to Random Effects.		0
27	Multi-Criteria Ranking: Next Generation of Multi-Criteria Recommendation Framework. <b>2022</b> , 10, 90715-90725		0
26	Chaotic Mapping Based Advanced Aquila Optimizer With Single Stage Evolutionary Algorithm. <b>2022</b> , 10, 89153-89169		0
25	Multiparty Multiobjective Optimization By MOEA/D. <b>2022</b> ,		0

- 24 A Multi-objective Evolutionary Approach for Efficient Kernel Size and Shape for CNN. **2022**, ○
- 23 Multi-Objective Bilevel Recommender System for Food Diets. **2022**, ○
- 22 Improving water-hydrocarbon equilibrium calculations using multi objective optimization. **2022**, 113670 ○
- 21 Social entrepreneurship and sustainable development: The Yiwu case. **2022**, 10, ○
- 20 Multi-objective piny beetle algorithm based optimal control of wastewater treatment process. **2023**, 170, 188-206 ○
- 19 Using bliss points to enhance direction based multi-objective algorithms. **2022**, ○
- 18 Research on Multi-Objective Multi-Robot Task Allocation by LinÆernighanÆelsgaun Guided Evolutionary Algorithms. **2022**, 10, 4714 ○
- 17 A Multi-Objective Evolutionary Algorithm With Hierarchical Clustering-Based Selection. **2023**, 11, 2557-2569 ○
- 16 Multi-objective optimization of magnetorheological clutch with stationary housing. **2023**, 44, 500-513 ○
- 15 Implementation of an evolutionary algorithm in planning investment in a power distribution system. **2011**, 31, 118-124 ○
- 14 MOPO-LSI: An open-source multi-objective portfolio optimization library for sustainable investments. **2023**, 16, 100499 ○
- 13 Multilayer Network Community Detection: A Novel Multi-Objective Evolutionary Algorithm Based on Consensus Prior Information [Feature]. **2023**, 18, 46-59 ○
- 12 An RSU Deployment Scheme for Vehicle-Infrastructure Cooperated Autonomous Driving. **2023**, 15, 3847 ○
- 11 Multi-objective fitness-dependent optimizer algorithm. ○
- 10 Evolutionary multiobjective optimization via efficient sampling-based offspring generation. ○
- 9 How spatial policies can leverage energy transitions [Finding Pareto-optimal solutions for wind turbine locations with evolutionary multi-objective optimization. **2023**, 142, 220-232 ○
- 8 Multi-objective evolutionary multitasking algorithm based on cross-task transfer solution matching strategy. **2023**, ○
- 7 Multi-objective Optimization Design of Solar UAV Overall Parameters. **2023**, 2449, 012038 ○

- 6 Time and Energy Optimal Trajectory Planning of Wheeled Mobile Dual-Arm Robot Based on Tip-Over Stability Constraint. **2023**, 13, 3780 ○
- 5 Updating an uncertain and expensive computational model in structural dynamics based on one single target FRF using a probabilistic learning tool. ○
- 4 Integrated Intelligent Method Based on Fuzzy Logic for Optimizing Laser Microfabrication Processing of GnPs-Improved Alumina Nanocomposites. **2023**, 14, 750 ○
- 3 A Survey on Search Strategy of Evolutionary Multi-Objective Optimization Algorithms. **2023**, 13, 4643 ○
- 2 A Multi-brain Approach for Multiple Tasks in Evolvable Robots. **2023**, 129-144 ○
- 1 Introduction. **2023**, 1-16 ○