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#	Paper	IF	Citations
945	Modulating the Chemical Transport Properties of a Transmembrane Antiporter via Alternative Anion Flux.		
944	Multi-population adaptive-gathering evolutionary algorithm in function optimization.		1
943	Look-up table and breakpoints determination for piecewise linear approximation functions using evolutionary computation.		2
942	A Sequential Niche Technique for Multimodal Function Optimization. <i>Evolutionary Computation</i> , 1993 , 1, 101-125	4.3	355
941	Massively Parallel Simulated Annealing and Its Relation to Evolutionary Algorithms. <i>Evolutionary Computation</i> , 1993 , 1, 361-383	4.3	19
940	Genetic Algorithms + Data Structures = Evolution Programs. 1994 ,		1265
939	.		6
938	.		2
937	.		38
936	Gene pool recombination and utilization of covariances for the Breeder Genetic Algorithm.		10
935	Parallel Genetic Algorithms in Spectral Estimation of Doppler Signals. 1995 , 28, 27-32		
934	Test driving three 1995 genetic algorithms: New test functions and geometric matching. 1995 , 1, 77-104		57
933	Sliding mode control design using genetic algorithms. 1995 ,		5
932	Evolutionary algorithms with a coarse-to-fine function smoothing.		3
931	Ein genetischer Algorithmus mit Mehrfachpopulationen zur Numerischen Optimierung. 1995 , 43, 127-135		4
930	A genetic algorithm approach to curve fitting. 1995 , 33, 1911-1923		39
929	Parameterization of a metapopulation model: an empirical comparison of several different genetic algorithms, simulated annealing and tabu search.		3

928	Analysis of selection, mutation and recombination in genetic algorithms. <i>Lecture Notes in Computer Science</i> , 1995 , 142-168	0.9	12
927	Multiobjective gas turbine engine controller design using genetic algorithms. 1996 , 43, 583-587		53
926	Differential evolution: a fast and simple numerical optimizer.		153
925	Heuristic crossovers for real-coded genetic algorithms based on fuzzy connectives. <i>Lecture Notes in Computer Science</i> , 1996 , 336-345	0.9	8
924	From recombination of genes to the estimation of distributions II. Continuous parameters. <i>Lecture Notes in Computer Science</i> , 1996 , 188-197	0.9	15
923	Multiobjective robust control using evolutionary algorithms.		4
922	Breeder genetic algorithms for airfoil design optimisation.		5
921	The response to selection equation for skew fitness distributions.		0
920	Parallel Genetic Algorithms in Autoregressive Modelling Using a Heterogeneous Architecture. 1996 , 29, 1187-1192		
919	Metaheuristics: A bibliography. 1996 , 63, 511-623		301
918	Genetic algorithms and parallel processing. 1996 , 1, 630-639		1
917	Evaluating evolutionary algorithms. 1996 , 85, 245-276		261
916	Re-evaluating genetic algorithm performance under coordinate rotation of benchmark functions. A survey of some theoretical and practical aspects of genetic algorithms. 1996 , 39, 263-78		389
915	Adaptation of population sizes by competing subpopulations.		23
914	Raising theoretical questions about the utility of genetic algorithms. <i>Lecture Notes in Computer Science</i> , 1997 , 275-284	0.9	6
913	Multi-objective optimisation of distributed active magnetic bearing controllers. 1997 ,		7
912	Genetic algorithms for continuous optimization problems - a concept of parameter-space size adjustment. 1997 , 30, 7849-7861		16
911	The equation for response to selection and its use for prediction. <i>Evolutionary Computation</i> , 1997 , 5, 303-46	4.3	325

910	An analysis of linear ranking and binary tournament selection in genetic algorithms.		10
909	Evolutionary Hinfim; design of an electromagnetic suspension control system for a maglev vehicle. 1997 , 211, 345-355		17
908	A genetic algorithms tutorial tool for numerical function optimisation. 1997 , 29, 27-30		0
907	Applying genetic algorithm and simulated annealing to a combinatorial optimization problem.		2
906	Comparing several genetic algorithm schemes for the calibration of conceptual rainfall-runoff models. 1997 , 42, 357-379		56
905	Ber die Computerchemie. 1997 , 45, 507-509		2
904	An adaptive evolutionary algorithm for numerical optimization. <i>Lecture Notes in Computer Science</i> , 1997 , 27-34	0.9	17
903	Random perturbations to Hebbian synapses of associative memory using a genetic algorithm. <i>Lecture Notes in Computer Science</i> , 1997 , 398-407	0.9	2
902	Evolving sustainable water networks. 1997 , 42, 549-564		16
901	Evolutionary Algorithms in Engineering Applications. 1997 ,		103
900	The gambler's ruin problem, genetic algorithms, and the sizing of populations.		53
899	Robust multivariable control of active magnetic bearings. 1997 ,		4
898	.		1
897	Differential Evolution [A Simple and Efficient Heuristic for global Optimization over Continuous Spaces. 1997 , 11, 341-359		14738
896	Fuzzy connectives based crossover operators to model genetic algorithms population diversity. 1997 , 92, 21-30		108
895	Tackling Real-Coded Genetic Algorithms: Operators and Tools for Behavioural Analysis. 1998 , 12, 265-319		703
894	Verifying Timing Constraints of Real-Time Systems by Means of Evolutionary Testing. 1998 , 15, 275-298		57
893	Theoretical and Experimental Study of Crossover Operators of Genetic Algorithms. 1998 , 99, 271-302		11

892	Elite genetic algorithms with adaptive mutations for solving continuous optimization problems □ application to modeling of the optical constants of solids. 1998 , 151, 147-159		23
891	Dynamic and heuristic fuzzy connectives-based crossover operators for controlling the diversity and convergence of real-coded genetic algorithms. 1998 , 11, 1013-1040		13
890	Evolutionary algorithms and gradient search: similarities and differences. 1998 , 2, 45-55		172
889	Domino convergence, drift, and the temporal-salience structure of problems.		43
888	A rigorous complexity analysis of the (1+1) evolutionary algorithm for linear functions with Boolean inputs.		5
887	A comparison of static analysis and evolutionary testing for the verification of timing constraints.		20
886	Using Genetic Algorithms with a Priori Knowledge for Quantitative NMR Signal Analysis. 1998 , 38, 685-690		12
885	Multi-objective optimisation of systems architectures for distributed aero-engine control systems. 1998 ,		
884	A rigorous complexity analysis of the (1 + 1) evolutionary algorithm for separable functions with Boolean inputs. <i>Evolutionary Computation</i> , 1998 , 6, 185-96	4.3	79
883	On the Explorative power of ES/EP-like algorithms. <i>Lecture Notes in Computer Science</i> , 1998 , 323-334	0.9	13
882	QU-GENE: a simulation platform for quantitative analysis of genetic models. 1998 , 14, 632-53		136
881	On natural life's tricks to survive and evolve.		1
880	Evolutionary Algorithms for Aerofoil Design. 1998 , 11, 51-77		11
879	The stud GA: A mini revolution?. <i>Lecture Notes in Computer Science</i> , 1998 , 683-691	0.9	54
878	.		
877	On-Line Genetic Auto-Tuning of PID Controllers for an Active Magnetic Bearing Application. 1998 , 31, 207-209		1
876	On-line genetic auto-tuning of mixed H. 1998 ,		
875	Adaptation on the evolutionary time scale: A working hypothesis and basic experiments. <i>Lecture Notes in Computer Science</i> , 1998 , 251-262	0.9	12

874	Accelerating the evolutionary-gradient-search procedure: Individual step sizes. <i>Lecture Notes in Computer Science</i> , 1998 , 408-417	0.9	7
873	Short notes on the schema theorem and the building block hypothesis in genetic algorithms. <i>Lecture Notes in Computer Science</i> , 1998 , 113-122	0.9	2
872	Resampling and its avoidance in genetic algorithms. <i>Lecture Notes in Computer Science</i> , 1998 , 335-344	0.9	2
871	Evolutionary neural networks for nonlinear dynamics modeling. <i>Lecture Notes in Computer Science</i> , 1998 , 593-602	0.9	13
870	Applying evolutionary algorithms to real-world-inspired problems with physical smoothness constraints.		3
869	Combining landscape approximation and local search in global optimization.		4
868	Effects of selection schemes in genetic programming for time series prediction.		
867	Design exploration: extending the bounds of the search space.		
866	Evolutionary Image Analysis, Signal Processing and Telecommunications. <i>Lecture Notes in Computer Science</i> , 1999 ,	0.9	1
865	Advances in Soft Computing. 1999 ,		7
864	.		2
863	The kinetic evolutionary modeling of complex systems of chemical reactions. 1999 , 23, 143-151		27
862	Distributed aero-engine control systems architecture selection using multi-objective optimisation. 1999 , 7, 655-664		10
861	Theory of evolutionary algorithms: a bird's eye view. 1999 , 229, 3-9		56
860	Genetic algorithm approach for designing higher-order digital differentiators. 1999 , 79, 175-186		12
859	Searching for Most Parsimonious Trees with Simulated Evolutionary Optimization. 1999 , 15, 39-50		45
858	Schemata, Distributions and Graphical Models in Evolutionary Optimization. 1999 , 5, 215-247		177
857	Application of a genetic algorithm to compute the control of a complex dynamic system. 1999 , 10, 393-404		

856	Improving Mutation Capabilities in a Real-Coded Genetic Algorithm. <i>Lecture Notes in Computer Science</i> , 1999 , 138-149	0.9	8
855	IMPLEMENTATION OF GENERALISED CROSS-CORRELATION WITH LARGE CHANGES IN PARAMETERS USING GENETIC ALGORITHMS. 1999 , 31, 489-513		
854	Survival of the fittest genetic algorithms versus evolution strategies in the optimization of systems models. 1999 , 60, 113-122		20
853	Genetic algorithm-based multi-objective optimisation and conceptual engineering design.		8
852	Evolutionary Algorithms and Simulated Annealing for MCDM. 1999 , 501-532		5
851	Modeling the temperature dependence of the index of refraction of liquid water in the visible and the near-ultraviolet ranges by a genetic algorithm. 1999 , 38, 11-7		11
850	Design of a wide envelope controller for a STOVL gas turbine engine. 1999 , 32, 1489-1494		
849	An environment for on-line multiobjective tuning of controllers. 1999 , 32, 8659-8663		
848	A unified model of non-panmictic population structures in evolutionary algorithms.		12
847	Genetic algorithms for multiobjective scheduling of combined batch/continuous process plants.		2
846	Design of single-electron systems through artificial evolution. 2000 , 28, 585-599		12
845	Design of two-dimensional FIR digital filters for sampling structure conversion by genetic algorithm approach. 2000 , 80, 1445-1458		16
844	Design of arbitrary FIR log filters by genetic algorithm approach. 2000 , 80, 497-505		37
843	Model-based spectral estimation of Doppler signals using parallel genetic algorithms. 2000 , 19, 75-89		8
842	A family competition evolutionary algorithm for automated docking of flexible ligands to proteins. 2000 , 4, 225-37		11
841	Genetic and Random Search Methods in Optimal Shape Design Problems. 2000 , 16, 109-131		10
840	Evolutionary Modeling of Systems of Ordinary Differential Equations with Genetic Programming. 2000 , 1, 309-337		95
839	Two-Loop Real-Coded Genetic Algorithms with Adaptive Control of Mutation Step Sizes. 2000 , 13, 187-204		31

838	Use of Genetic Programming in the Identification of Rational Model Structures. <i>Lecture Notes in Computer Science</i> , 2000 , 181-192	0.9	5
837	Exploring different coding schemes for the evolution of an artificial insect eye.		4
836	Evolving Fuzzy Rule-Based Models. 2000 , 17, 459-468		5
835	Multi-objective optimization approach to the ALSTOM gasifier problem. 2000 , 214, 453-469		19
834	Genetic algorithm approach for designing arbitrary FIR log filters.		
833	An evolutionary system for automatic explicit rule extraction.		2
832	Reduced order modeling in time-frequency H/sub /spl infin// -norm mix-criterion: genetic algorithms approach.		
831	The evolution of an artificial compound eye by using adaptive hardware.		9
830	Genetic Programming. <i>Lecture Notes in Computer Science</i> , 2000 ,	0.9	7
829	Parallel Problem Solving from Nature PPSN VI. <i>Lecture Notes in Computer Science</i> , 2000 ,	0.9	22
828	Island Model Cooperating with Speciation for Multimodal Optimization. <i>Lecture Notes in Computer Science</i> , 2000 , 437-446	0.9	31
827	Evolutionary tuning of neural networks for gesture recognition.		0
826	Intelligent control of complex electrochemical systems with a neuro-fuzzy-genetic approach. 2001 , 48, 951-955		77
825	Using Radial Basis Function Networks for Hand Gesture Recognition. 2001 , 37-58		
824	An evolutionary algorithm for the synthesis of multilayer coatings at oblique light incidence. 2001 , 19, 559-570		19
823	Application of a breeder genetic algorithm for system identification in an adaptive finite impulse response filter.		2
822	On learning kDNF/sub n//sup s/ Boolean formulas.		2
821	Multiobjective Optimisation Approach to Robust Controller Design. 2001 , 34, 111-116		

820 BACK MATTER. **2001**, 425-462

819 Depth estimation via parallel coevolution of disparity functions for area-based stereo. **2001**,

818 Combining GP operators with SA search to evolve fuzzy rule based classifiers. **2001**, 136, 175-191

87

817 A Comparison of Static Analysis and Evolutionary Testing for the Verification of Timing Constraints. **2001**, 21, 241-268

80

816 Adapting Self-Adaptive Parameters in Evolutionary Algorithms. **2001**, 15, 171-180

34

815 Migration Policies, Selection Pressure, and Parallel Evolutionary Algorithms. **2001**, 7, 311-334

103

814 Simulated Evolutionary Optimization and Local Search: Introduction and Application to Tree Search. **2001**, 17, S12-S25

13

813 An empirical study of design and testing of hybrid evolutionary neural approach for classification. **2001**, 29, 361-374

24

812 The design of reflective filters based on AlxGa1-xN multilayers. **2001**, 16, 91-97

6

811 THE ROLE OF MUTATION AND POPULATION SIZE IN GENETIC ALGORITHMS APPLIED TO PHYSICS PROBLEMS. **2001**, 12, 1345-1355

6

810 Fuzzy filters design on image processing by genetic algorithm approach.

1

809 Intelligent control of nonlinear dynamical systems with a neuro-fuzzy-genetic approach.

808 Where genetic algorithms excel. *Evolutionary Computation*, **2001**, 9, 93-124

4.3 18

807 Optical coating designs using the family competition evolutionary algorithm. *Evolutionary Computation*, **2001**, 9, 421-43

4.3 8

806 Evolutionary Algorithms and Agricultural Systems. **2002**,

10

805 Selection by parts: 'selection in two episodes' in evolutionary algorithms.

804 A comparative study between real and discrete genetic algorithms for the design of beta basis function neural networks.

1

803 Calculating the expected loss of diversity of selection schemes. *Evolutionary Computation*, **2002**, 10, 397-432

4.2 42

802	A new incremental method for function approximation using feed-forward neural networks.	4
801	Forecasting time series by Bayesian neural networks.	4
800	Adaptive Model-Based Control of Non-Linear Dynamical Systems with a Neuro-Fuzzy-Genetic Approach. 2002 , 4, 41-47	3
799	SINGLE-SPECIES DYNAMIC SITE SELECTION. 2002 , 12, 913-926	88
798	On the similarities between binary-coded GA and real-coded GA in wide search space.	1
797	Vibrational genetic algorithm as a new concept in airfoil design. 2002 , 74, 228-236	23
796	An Empirical Comparison of Particle Swarm and Predator Prey Optimisation. <i>Lecture Notes in Computer Science</i> , 2002 , 103-110	0.9 58
795	An Introduction to Evolutionary Algorithms. 2002 , 3-25	
794	The Design of Innovation. 2002 ,	400
793	Dynamic channel assignment in mobile communications based on genetic algorithms.	6
792	Towards a tunable tactile communication system: concept and first experiments.	1
791	.	
790	. 2002 , 6, 443-462	513
789	The eruptive activity of Vesuvius and its neural architecture. 2002 , 113, 111-118	4
788	A multipopulation genetic algorithm aimed at multimodal optimization. 2002 , 33, 207-213	32
787	Evolutionary algorithms in control systems engineering: a survey. 2002 , 10, 1223-1241	382
786	Application of genetic algorithms to conceptual design of a micro-air vehicle. 2002 , 15, 439-445	20
785	Scalability of the Bayesian optimization algorithm. 2002 , 31, 221-258	74

784	Soft computing in multidisciplinary aerospace design new directions for research. 2002 , 38, 1-21	27
783	A new multiobjective evolutionary algorithm. 2002 , 140, 12-23	76
782	How to analyse evolutionary algorithms. 2002 , 287, 101-130	84
781	Order statistics and selection methods of evolutionary algorithms. 2002 , 82, 15-22	19
780	Network random keys - a tree representation scheme for genetic and evolutionary algorithms. <i>Evolutionary Computation</i> , 2002 , 10, 75-97	4-3 63
779	Speed estimation of an induction motor drive using an optimized extended Kalman filter. 2002 , 49, 124-133	162
778	Genetic Mining of HTML Structures for Effective Web-Document Retrieval. 2003 , 18, 243-256	23
777	Genetic Algorithms Used to Solve Scheduling Problems. 2003 , 39, 81-90	1
776	Design of a Composite Wavelet Matched Filter Using Breeder Genetic Algorithm. 2003 , 10, 251-254	1
775	Optimizing active and passive magnetic shields in induction heating by a genetic algorithm. 2003 , 39, 3486-3496	22
774	The evolutionary learning rule for system identification. 2003 , 3, 343-352	20
773	An evolutionary approach to fuzzy rule-based model synthesis using indices for rules. 2003 , 137, 325-338	10
772	Efficient Differential Evolution algorithms for multimodal optimal control problems. 2003 , 3, 97-122	84
771	Efficiency speed-up strategies for evolutionary computation: fundamentals and fast-GAs. 2003 , 142, 341-388	17
770	Neural networks and genetic algorithms applications in nuclear magnetic resonance spectroscopy. 2003 , 281-321	3
769	A real-parameter genetic algorithm for optimal network reconfiguration.	6
768	Predicting student performance: an application of data mining methods with an educational Web-based system.	71
767	A modified genetic algorithm for optimal electrical distribution network reconfiguration.	12

766	Inducing oblique decision trees with evolutionary algorithms. 2003 , 7, 54-68		105
765	Elitism-based compact genetic algorithms. 2003 , 7, 367-385		131
764	A collective-based adaptive symbiotic model for surface reconstruction in area-based stereo. 2003 , 7, 482-502		12
763	An epistasis measure based on the analysis of variance for the real-coded representation in genetic algorithms.		4
762	Preliminary Design of a Structural Wing-Box Under a Twist Constraint. 2003 ,		
761	Constrained optimization based on a multiobjective evolutionary algorithm.		21
760	A convergence model for asynchronous parallel genetic algorithms.		6
759	Using Genetic Algorithms for Data Mining Optimization in an Educational Web-Based System. <i>Lecture Notes in Computer Science</i> , 2003 , 2252-2263	0.9	43
758	Adaptive polyclonal programming algorithm with applications.		1
757	A Taguchi method-based crossover operator for the parametrical problems.		3
756	Engine Test Data Modelling by Evolutionary Radial Basis Function Networks. 2003 , 217, 489-497		2
755	Searching under Multi-evolutionary Pressures. <i>Lecture Notes in Computer Science</i> , 2003 , 391-404	0.9	33
754	Design of Industrial Axial Compressor Blade Sections for Optimal Range and Performance. 2003 , 369		5
753	Towards a tactile communication system with dialog-based tuning.		2
752	A genetic hill climbing method for function optimization using a neighborhood based on interactions among parameters.		1
751	Optimizing the design of IIR filter via genetic algorithm. 2003 ,		4
750	Locally-Adaptive and Memetic Evolutionary Pattern Search Algorithms. <i>Evolutionary Computation</i> , 2003 , 11, 29-51	4.3	17
749	Redundant representations in evolutionary computation. <i>Evolutionary Computation</i> , 2003 , 11, 381-415	4.3	109

748	Intelligent Control of the Electrical Tuning Process for the Manufacturing of Televisions Using Soft Computing Techniques. 2003 , 5, 455-466		
747	A Comparison of Evolutionary Algorithms for Tracking Time-Varying Recursive Systems. 2003 , 2003, 1		1
746	SAPPO: A Simple, Adaptable, Predator Prey Optimiser. <i>Lecture Notes in Computer Science</i> , 2003 , 59-73	0.9	12
745	Optimum Management of Cogeneration Power Plants With Thermal Storage in Day-Ahead Electricity Markets. 2003 , 393		3
744	Evaluating Evolutionary Testability with Software-Measurements. <i>Lecture Notes in Computer Science</i> , 2004 , 1350-1362	0.9	4
743	Genetic algorithm based optimization design of miniature piezoelectric forceps. 2004 ,		1
742	On the design and analysis of competent selecto-recombinative GAs. <i>Evolutionary Computation</i> , 2004 , 12, 243-67	4.3	4
741	LARES: an artificial chemical process approach for optimization. <i>Evolutionary Computation</i> , 2004 , 12, 435-59	4.3	18
740	Optimizing Classification Ensembles via a Genetic Algorithm for a Web-Based Educational System. <i>Lecture Notes in Computer Science</i> , 2004 , 397-406	0.9	11
739	A Pareto-Based Genetic Algorithm Search Approach to Handle Damped Natural Frequency Constraints in Turbo Generator Rotor System Design. 2004 , 126, 619-625		10
738	The Nei's standard genetic distance in artificial evolution.		2
737	Breeder genetic algorithm based fuzzy simulation.		
736	.		1
735	Preliminary Design of a Structural Wing Box Under a Twist Constraint Part I. 2004 , 41, 1230-1239		2
734	Adaptive Reservoir Evolutionary Algorithm: An Evolutionary On-Line Adaptation Scheme for Global Function Optimization. 2004 , 10, 555-586		2
733	Constrained optimization by ϵ -constrained genetic algorithm (ϵ GA). 2004 , 35, 11-22		22
732	Application of a breeder genetic algorithm for finite impulse filter optimization. 2004 , 161, 139-158		9
731	Evolutionary game algorithm for continuous parameter optimization. 2004 , 91, 211-219		2

730	Optimising flat-walled multi-layered anechoic linings using evolutionary algorithms. 2004 , 65, 1009-1026		7
729	Application of optimization techniques to parameter set-up in scheduling. 2004 , 55, 105-124		6
728	Genetic algorithm based fuzzy controller for nonlinear systems.		3
727	A fuzzy logic controlled genetic algorithm for optimal electrical distribution network reconfiguration.		16
726	Metaheuristics: Computer Decision-Making. 2004 ,		13
725	Parameter-Less Hierarchical BOA. <i>Lecture Notes in Computer Science</i> , 2004 , 24-35	0.9	11
724	Real-coded memetic algorithms with crossover hill-climbing. <i>Evolutionary Computation</i> , 2004 , 12, 273-302.	0.3	245
723	On the convergence of a class of estimation of distribution algorithms. 2004 , 8, 127-136		148
722	A multiagent genetic algorithm for global numerical optimization. 2004 , 34, 1128-41		255
721	Parametric Modeling of a Flexible 2D Structure. 2004 , 23, 115-131		3
720	Cauchy annealing schedule: an annealing schedule for Boltzmann selection scheme in evolutionary algorithms.		7
719	Reactive Agents to Improve a Parallel Genetic Algorithm Solution. <i>Lecture Notes in Computer Science</i> , 2004 , 698-706	0.9	
718	Efficiency enhancement of genetic algorithms via building-block-wise fitness estimation.		24
717	Dependency Structure Matrix Analysis: Offline Utility of the Dependency Structure Matrix Genetic Algorithm. <i>Lecture Notes in Computer Science</i> , 2004 , 355-366	0.9	7
716	Toward an Understanding of the Quality and Efficiency of Model Building for Genetic Algorithms. <i>Lecture Notes in Computer Science</i> , 2004 , 367-378	0.9	6
715	Design of Industrial Axial Compressor Blade Sections for Optimal Range and Performance. 2004 , 126, 323-331		24
714	METHODOLOGY FOR PARAMETERS OPTIMIZATION OF AN HYBRID ARCHITECTURE OF CONTROL. 2005 , 38, 330-335		
713	The Evolutionary Learning Rule in System Identification. 2005 , 195-212		1

712	Genetic Algorithms for Multiobjective Controller Design. <i>Lecture Notes in Computer Science</i> , 2005 , 242-251	2
711	Genetic learning of fuzzy cognitive maps. 2005 , 153, 371-401	337
710	Development of a parallel optimization method based on genetic simulated annealing algorithm. 2005 , 31, 839-857	34
709	A novel evolution strategy for multiobjective optimization problem. 2005 , 170, 850-873	19
708	Evolutionary computation and structural design: A survey of the state-of-the-art. 2005 , 83, 1943-1978	221
707	A threshold-varying artificial neural network approach for classification and its application to bankruptcy prediction problem. 2005 , 32, 2561-2582	94
706	Clonal Strategy Algorithm Based on the Immune Memory. 2005 , 20, 728-734	8
705	Modified differential evolution: a greedy random strategy for genetic recombination. 2005 , 33, 255-265	51
704	Black box evolutionary mathematical modeling applied to linear systems. 2005 , 20, 293-311	6
703	The design of beta basis function neural network and beta fuzzy systems by a hierarchical genetic algorithm. 2005 , 154, 251-274	28
702	Optimization of multi-pass milling using parallel genetic algorithm and parallel genetic simulated annealing. 2005 , 45, 1726-1734	89
701	Genetic Algorithm Coding Methods for Leather Nesting. 2005 , 23, 9-20	20
700	Objective Function Features Providing Barriers to Rapid Global Optimization. 2005 , 31, 549-565	8
699	Application of a breeder genetic algorithm for filter optimization. 2005 , 4, 11-37	1
698	On the Multilevel Structure of Global Optimization Problems. 2005 , 30, 5-22	55
697	Human Evolutionary Model. 2005 , 14,	1
696	Linkage learning, overlapping building blocks, and systematic strategy for scalable recombination. 2005 ,	18
695	Quality-time analysis of multi-objective evolutionary algorithms. 2005 ,	

694	Combating user fatigue in iGAs. 2005,	49
693	Multi-niche crowding in the development of parallel genetic simulated annealing. 2005,	2
692	Efficient genetic algorithms using discretization scheduling. <i>Evolutionary Computation</i> , 2005 , 13, 353-85 4.3	0
691	Information theoretic justification of Boltzmann selection and its generalization to Tsallis case.	2
690	Genetic Algorithms. 2005 , 97-125	102
689	Recent Advances in Memetic Algorithms. 2005,	112
688	A noval algorithm of artificial immune system for high-dimensional function numerical optimization*. 2005 , 15, 463-471	27
687	Limits of scalability of multiobjective estimation of distribution algorithms.	20
686	.	8
685	Multi-objective evolutionary fuzzy cognitive maps for decision support.	10
684	A modified particle swarm optimization algorithm. 2005,	5
683	Selection of Weights for Sequential Feed-Forward Neural Networks: An Experimental Study. <i>Lecture Notes in Computer Science</i> , 2005 , 225-232	0.9
682	The Motivation for Differential Evolution. 2005 , 1-36	
681	The Differential Evolution Algorithm. 2005 , 37-134	1
680	Artificial Immune Systems. <i>Lecture Notes in Computer Science</i> , 2005,	0.9 6
679	Applications of Soft Computing. 2006,	6
678	Optimizing the Optimization - A Method for Comparison of Optimization Algorithms. 2006,	3
677	.	8

676	Comparison of different cooperation strategies in the prey-predator problem. 2006,	4
675	Emergent Behaviour, Population-based Search and Low-pass Filtering.	6
674	Issues of Binary Representation in Evolutionary Algorithms. 2006,	2
673	. 2006, 10, 629-645	44
672	Kinetic analysis of the thermal stability of the photosynthetic reaction center from Rhodobacter sphaeroides. 2006, 90, 4155-66	39
671	A specialized genetic algorithm for the electrical impedance tomography of two-phase flows. 2006, 28, 378-389	18
670	GLOBAL OPTIMIZATION: APPLICATIONS TO ADVANCED REFLECTOR ANTENNAS SYNTHESIS AND DIAGNOSIS TECHNIQUES. 2006, 56, 195-232	17
669	Multiobjective controller design handling human preferences. 2006, 19, 927-938	17
668	A probabilistic cooperative-competitive hierarchical model for global optimization. 2006, 175, 1092-1124	2
667	Initial approaches to the application of islands-based parallel EDAs in continuous domains. 2006, 66, 991-1001	10
666	Multi-objective optimization of high-speed milling with parallel genetic simulated annealing. 2006, 31, 209-218	16
665	A sequential algorithm for feed-forward neural networks with optimal coefficients and interacting frequencies. 2006, 69, 1540-1552	5
664	Constrained Optimization of Gas Turbine Tilting Pad Bearing Designs. 2006, 128, 873-878	9
663	On the utility of the multimodal problem generator for assessing the performance of evolutionary algorithms. 2006,	7
662	Automated global structure extraction for effective local building block processing in XCS. <i>Evolutionary Computation</i> , 2006, 14, 345-80	4-3 41
661	Randomization as a strategy for sellers during price discrimination, and impact on bidders' privacy. 2006,	1
660	Sporadic model building for efficiency enhancement of hierarchical BOA. 2006,	11
659	Developing a neural network and real genetic algorithm combined tool for an engine test bed. 2006, 220, 1737-1753	8

658	Design Optimization of Rotary-Wing Micro Air Vehicles. 2006 , 220, 865-873	7
657	WHAT CAUSES PERSISTENCE OF STOCK RETURN VOLATILITY? ONE POSSIBLE EXPLANATION WITH AN ARTIFICIAL STOCK MARKET. 2006 , 02, 261-270	1
656	Validation of A Satellite Docking Simulator using the SOSS Experimental Testbed. 2006 ,	11
655	Pareto Frontier Construction. A GA vs Gauss-Newton Optimization for Normalized Normal Constraint Method.	
654	The Distribution Genetic Algorithm: Evolving a Population of Distributions.	
653	An orthogonal array based genetic algorithm for developing neural network based process models of fluid dispensing. 2006 , 44, 4815-4836	6
652	Using Simulation and Evolutionary Algorithms to Evaluate the Design of Mix Strategies of Decoy and Jammers in Anti-Torpedo Tactics. 2006 ,	12
651	Representations for Genetic and Evolutionary Algorithms. 2006 ,	6
650	An Evolutionary Approach for Dynamic Configuration of Multi-expert Classification Systems.	1
649	Effects of the use of non-geometric binary crossover on evolutionary multiobjective optimization. 2007 ,	2
648	Empirical analysis of ideal recombination on random decomposable problems. 2007 ,	5
647	Modeling and Design of a Piezoelectric Forceps Actuator for MesoMicro Grasping. 2007 , 1, 30-37	9
646	Achieving a simple development model for 3D shapes. 2007 ,	7
645	GA based FCMAC-BYY model for bank solvency analysis. 2007 ,	2
644	Influence of selection and replacement strategies on linkage learning in BOA. 2007 ,	32
643	A hybrid genetic algorithm for unconstrained global numerical optimisation. 2007 , 50, 1021-1029	1
642	Computationally Efficient Quantitative Testing of Image Segmentation with a Genetic Algorithm. 2007 ,	1
641	Design of small-scale quadrotor unmanned air vehicles using genetic algorithms. 2007 , 221, 893-905	8

640	A GA-based data mining approach to process improvement of fluid dispensing for electronic packaging. 2007,	
639	METAHEURISTICS FOR THE OPTIMIZATION IN PLANNING AND SCHEDULING. 2007, 40, 1-7	1
638	Parameter-less Hierarchical Bayesian Optimization Algorithm. 2007, 225-239	2
637	Multiobjective optimization and hybrid evolutionary algorithm to solve constrained optimization problems. 2007, 37, 560-75	182
636	Nonlinear Least Square Regression by Adaptive Domain Method With Multiple Genetic Algorithms. 2007, 11, 1-16	21
635	Combining Neural Networks and Genetic Algorithms to Predict and Reduce Diesel Engine Emissions. 2007, 11, 46-55	108
634	Information-Guided Genetic Algorithm Approach to the Solution of MINLP Problems. 2007, 46, 1527-1537	28
633	A computationally efficient evaluation environment for image segmentation. 2007,	1
632	A theoretical & empirical analysis of evolutionary testing and hill climbing for structural test data generation. 2007,	53
631	The impact of input domain reduction on search-based test data generation. 2007,	45
630	An orthogonal design based constrained evolutionary optimization algorithm. 2007, 39, 715-736	37
629	A comprehensive comparison between real population based tournament selection and virtual population based tournament selection. 2007,	7
628	Control of Modular Robot with Parameter Estimation Using Genetic Algorithms. 2007,	1
627	On the analysis of average time complexity of estimation of distribution algorithms. 2007,	5
626	A new constrained optimization evolutionary algorithm by using good point set. 2007,	1
625	Metabolic flux estimation--a self-adaptive evolutionary algorithm with singular value decomposition. 2007, 4, 126-38	4
624	Optimisation of Maintenance Scheduling Strategies on the Grid. 2007,	
623	A multi-objective approach to search-based test data generation. 2007,	74

622	Parameter Setting in Evolutionary Algorithms. 2007 ,	105
621	Testing and Evaluating the Single Objective Intelligent Evolutionary Algorithm through a Graphic Interface. 2007 ,	
620	Solving multi-contingency transient stability constrained optimal power flow problems with an improved GA. 2007 ,	16
619	Study on component temperatures inversion using satellite remotely sensed data. 2007 , 28, 2567-2579	14
618	Human evolutionary model: A new approach to optimization. 2007 , 177, 2075-2098	62
617	A new crossover operator for real coded genetic algorithms. 2007 , 188, 895-911	260
616	A new mutation operator for real coded genetic algorithms. 2007 , 193, 211-230	247
615	Improving the accuracy while preserving the interpretability of fuzzy function approximators by means of multi-objective evolutionary algorithms. 2007 , 44, 32-44	33
614	Integrated crossover rules in real coded genetic algorithms. 2007 , 176, 60-76	38
613	Robust state estimator based on maximum constraints satisfaction of uncertain measurements. 2007 , 40, 347-359	13
612	Analysis and dimensional synthesis of the DELTA robot for a prescribed workspace. 2007 , 42, 859-870	120
611	Heterogeneity of thylakoid membranes studied by EPR spin probe. 2007 , 72, 558-64	3
610	Heuristics for the selection of weights in sequential feed-forward neural networks: An experimental study. 2007 , 70, 2735-2743	
609	An empirical approach to modelling fluid dispensing for electronic packaging. 2007 , 34, 111-121	8
608	Improving crossover operator for real-coded genetic algorithms using virtual parents. 2007 , 13, 265-314	17
607	An Improved Genetic Algorithm with Average-bound Crossover and Wavelet Mutation Operations. 2007 , 11, 7-31	78
606	AORCEA [An adaptive operator rate controlled evolutionary algorithm. 2007 , 85, 1547-1561	6
605	Sporadic model building for efficiency enhancement of the hierarchical BOA. 2008 , 9, 53-84	26

604	Evaluating evolutionary testability for structure-oriented testing with software measurements. 2008 , 8, 1018-1028	13
603	Integrated multiobjective optimization and a priori preferences using genetic algorithms. 2008 , 178, 931-951	44
602	A genetic algorithm calibration method based on convergence due to genetic drift. 2008 , 178, 2857-2869	38
601	Replacement strategies to preserve useful diversity in steady-state genetic algorithms. 2008 , 178, 4421-4433	109
600	Measurement of size and shape distributions of particles through image analysis. 2008 , 63, 5513-5521	42
599	. 2008 , 57, 2498-2508	9
598	A population-based artificial immune system for numerical optimization. 2008 , 72, 149-161	39
597	Linkage Learning Accuracy in the Bayesian Optimization Algorithm. 2008 , 87-107	1
596	Type-2 Fuzzy Logic: Theory and Applications. 2008 ,	231
595	Geometrical Design of Plate-Fin Heat Sinks Using Hybridization of MOEA and RSM. 2008 , 31, 351-360	32
594	Quantum Genetic Optimization. 2008 , 12, 231-241	117
593	Biogeography-Based Optimization. 2008 , 12, 702-713	2388
592	Improving locality in binary representation via redundancy. 2008 , 38, 808-25	3
591	Quantum-inspired immune clonal algorithm for global optimization. 2008 , 38, 1234-53	92
590	Vibration Controller Design for Confined Masonry Walls by Distributed Genetic Algorithms. 2008 , 134, 300-309	9
589	A high-performance vector-controlled PMSM drive with maximum torque per ampere operation. 2008 ,	3
588	Using Methods of Association Rules Mining Optimization in Web-Based Mobile-Learning System. 2008 ,	3
587	A Study on the Mining Algorithm of Fast Association Rules for the XML Data. 2008 ,	1

586	IIR Filter Adaptation Using Branch-and-Bound: A Novel Approach. 2008 , 55, 3393-3403	3
585	Research and Application of the Data Mining Based on G-BP Algorithm. 2008 ,	
584	Gene Signature Selection for Cancer Prediction Using an Integrated Approach of Genetic Algorithm and Support Vector Machine. 2008 ,	2
583	Application of Breeder GA to power system controller design. 2008 ,	6
582	iBOA. 2008 ,	18
581	Optimal sampling of genetic algorithms on polynomial regression. 2008 ,	
580	From mating pool distributions to model overfitting. 2008 ,	14
579	GENETIC ALGORITHMS WITH DYNAMIC MUTATION RATES AND THEIR INDUSTRIAL APPLICATIONS. 2008 , 07, 103-128	5
578	An analysis of multi-sampled issue and no-replacement tournament selection. 2008 ,	4
577	PROBABILISTIC ADAPTIVE CROSSOVER (PAX): A NOVEL GENETIC ALGORITHM CROSSOVER METHODOLOGY. 2008 , 17, 1131-1160	2
576	Finding alternatives and reduced formulations for process-based models. <i>Evolutionary Computation</i> , 2008 , 16, 63-88	4-3 5
575	Multi-objective engineering design using preferences. 2008 , 40, 253-269	9
574	Is the not-sampled issue in tournament selection critical?. 2008 ,	
573	The Frontiers of Real-coded Genetic Algorithms. 2009 , 24, 147-162	50
572	Particle Swarm Optimization: Application to Reservoir Operation Problems. 2009 ,	2
571	An integrated approach of particle swarm optimization and support vector machine for gene signature selection and cancer prediction. 2009 ,	4
570	A preliminary study into optimising the shape of a wave energy collector using a genetic algorithm. 2009 ,	1
569	Optimal VSM Model and Multi-Object Quantum-Inspired Genetic Algorithm for Web Information Retrieval. 2009 ,	3

568	Evolutionary dimensionality reduction for crack localization in ship structures using a hybrid computational intelligent approach. 2009 ,	2
567	Memetic Algorithm with Local Search Chaining for Continuous Optimization Problems: A Scalability Test. 2009 ,	14
566	An evaluation of Differential Evolution in software test data generation. 2009 ,	0
565	An Adaptive Multi-objective Immune Optimization Algorithm. 2009 ,	3
564	ONE IMPROVED AGENT GENETIC ALGORITHM [RING-LIKE AGENT GENETIC ALGORITHM FOR GLOBAL NUMERICAL OPTIMIZATION. 2009 , 26, 479-502	2
563	THE DYNAMICS OF A CHANGING RANGE GENETIC ALGORITHM UNDER STABILIZING SELECTION. 2009 , 20, 1063-1079	1
562	An Encoding in Metaheuristics for the Minimum Communication Spanning Tree Problem. 2009 , 21, 575-584	6
561	Fuzzy Evolutionary Algorithms and Genetic Fuzzy Systems: A Positive Collaboration between Evolutionary Algorithms and Fuzzy Systems. 2009 , 83-130	5
560	Analysis of evolutionary algorithms on the one-dimensional spin glass with power-law interactions. 2009 ,	0
559	Increasing the production accuracy of profile bending with methods of computational intelligence. <i>Evolutionary Computation</i> , 2009 , 17, 561-76	4.3 3
558	On the impact of the mutation-selection balance on the runtime of evolutionary algorithms. 2009 ,	5
557	A dynamic chain-like agent genetic algorithm for global numerical optimization and feature selection. 2009 , 72, 1214-1228	26
556	AG-ART: An adaptive approach to evolving ART architectures. 2009 , 72, 2079-2092	14
555	Immune secondary response and clonal selection inspired optimizers. 2009 , 19, 237-253	25
554	Group Search Optimizer: An Optimization Algorithm Inspired by Animal Searching Behavior. 2009 , 13, 973-990	478
553	An Immune Self-adaptive Differential Evolution Algorithm with Application to Estimate Kinetic Parameters for Homogeneous Mercury Oxidation. 2009 , 17, 232-240	20
552	A framework for memetic optimization using variable global and local surrogate models. 2009 , 13, 781-793	44
551	Genetic algorithms optimization for normalized normal constraint method under Pareto construction. 2009 , 40, 260-267	23

550	Applied Pareto multi-objective optimization by stochastic solvers. 2009 , 22, 455-465	34
549	A genetic algorithm based knowledge discovery system for the design of fluid dispensing processes for electronic packaging. 2009 , 36, 3829-3838	22
548	Auctions and Differential Pricing: Optimal Seller and Bidder Strategies in Second-chance Offers. 2009 , 34, 243-271	3
547	Research topics in discrete estimation of distribution algorithms based on factorizations. 2009 , 1, 35-54	26
546	Constrained optimization based on hybrid evolutionary algorithm and adaptive constraint-handling technique. 2009 , 37, 395-413	159
545	Research of multi-population agent genetic algorithm for feature selection. 2009 , 36, 11570-11581	45
544	Damage reconstruction of 3D frames using genetic algorithms with LevenbergMarquardt local search. 2009 , 29, 311-323	20
543	In silico modelling of directed evolution: Implications for experimental design and stepwise evolution. 2009 , 257, 131-41	28
542	Modelling and optimization of proof testing policies for safety instrumented systems. 2009 , 94, 838-854	53
541	An effective multiagent evolutionary algorithm integrating a novel roulette inversion operator for engineering optimization. 2009 , 211, 392-416	28
540	Optimization of multimodal continuous functions using a new crossover for the real-coded genetic algorithms. 2009 , 36, 8172-8177	17
539	Hybrid optimization for multiple-impulse reconfiguration trajectories of satellite formation flying. 2009 , 44, 1257-1269	24
538	Empirical evaluation of a nesting testability transformation for evolutionary testing. 2009 , 18, 1-27	30
537	Real-coded genetic algorithm for parametric modelling of a TRMS. 2009 ,	11
536	Settlement Prediction in a Vertical Drainage-Installed Soft Clay Deposit Using the Genetic Algorithm (GA) Back-Analysis. 2009 , 27, 17-33	6
535	. 2009 ,	0
534	Genetic algorithm with population partitioning and space reduction for high dimensional problems. 2009 ,	5
533	Minimum-time motion planning for a robot arm using the Bees Algorithm. 2009 ,	6

532	A Self-adaptive Mixed Distribution Based Uni-variate Estimation of Distribution Algorithm for Large Scale Global Optimization. 2009 , 171-198	16
531	A novel adaptive differential evolution algorithm with application to estimate kinetic parameters of oxidation in supercritical water. 2009 , 41, 1051-1062	12
530	Forward kinematics of the 3RPR planar parallel manipulators using real coded genetic algorithms. 2009 ,	0
529	Time-weighted quantitative testing of image segmentation with a genetic algorithm. 2009 ,	
528	. 2009 ,	2
527	Memetic algorithm with Local search chaining for large scale continuous optimization problems. 2009 ,	12
526	Parametric modelling of flexible plate structures using real-coded genetic algorithms. 2009 ,	1
525	A constraint-based evolutionary learning approach to the expectation maximization for optimal estimation of the hidden Markov model for speech signal modeling. 2009 , 39, 182-97	14
524	A new approach for analyzing average time complexity of population-based evolutionary algorithms on unimodal problems. 2009 , 39, 1092-106	45
523	Nature-Inspired Algorithms for Optimisation. 2009 ,	36
522	A statistics-based genetic algorithm for quality improvements of power supplies. 2009 , 3, 468	10
521	PID CONTROLLER DESIGN FOR A TWIN ROTOR MIMO SYSTEM USING REAL CODED GA OPTIMISATION. 2009 ,	
520	Active Vibration Control of a Flexible Plate Using Real Coded Genetic Algorithm. 2009 , 42, 343-348	2
519	Genetically-bacterial swarm optimization. 2010 , 3, 463-494	2
518	A hybrid genetically-bacterial foraging algorithm converged by particle swarm optimisation for global optimisation. 2010 , 2, 340	12
517	Modelling and optimization of fluid dispensing for electronic packaging using neural fuzzy networks and genetic algorithms. 2010 , 23, 18-26	27
516	Optimisation of maintenance scheduling strategies on the grid. 2010 , 180, 213-231	6
515	A comprehensive survey on functional link neural networks and an adaptive PSOBP learning for CFLNN. <i>Neural Computing and Applications</i> , 2010 , 19, 187-205	4.8 101

514	On Natural Based Optimization. 2010 , 2, 97-119		9
513	An immune memory clonal algorithm for numerical and combinatorial optimization. 2010 , 4, 536-559		3
512	A Theoretical and Empirical Study of Search-Based Testing: Local, Global, and Hybrid Search. 2010 , 36, 226-247		234
511	Analysis of Computational Time of Simple Estimation of Distribution Algorithms. 2010 , 14, 1-22		64
510	Diversity Improvement by Non-Geometric Binary Crossover in Evolutionary Multiobjective Optimization. 2010 , 14, 985-998		60
509	The dynamics of a changing range genetic algorithm. 2010 , 81, 892-909		6
508	Optimizing the shape of a surge-and-pitch wave energy collector using a genetic algorithm. <i>Renewable Energy</i> , 2010 , 35, 2767-2775	8.1	46
507	On the use of genetic algorithm for finding the neutral instability curve in plane Poiseuille flow. 2010 , 45, 691-698		1
506	Synergy of evolutionary algorithm and socio-political process for global optimization. 2010 , 37, 3706-3713		13
505	Myocardial border detection from ventriculograms using support vector machines and real-coded genetic algorithms. 2010 , 40, 446-55		4
504	Hybrid metaheuristics with evolutionary algorithms specializing in intensification and diversification: Overview and progress report. 2010 , 37, 481-497		123
503	Modelling preferences in multi-objective engineering design. 2010 , 23, 1255-1264		24
502	An analysis of the equilibrium of migration models for biogeography-based optimization. 2010 , 180, 3444-3464		166
501	Reactive Flow Model Parameter Estimation Using Genetic Algorithms. 2010 , 35, 292-299		2
500	Is life impossible? Information, sex, and the origin of complex organisms. 2010 , 64, 3300-9		11
499	Brain Inspired Cognitive Systems 2008. 2010 ,		1
498	Classification of hypoglycemic episodes for Type 1 diabetes mellitus based on neural networks. 2010 ,		4
497	An adaptive multiobjective approach to evolving ART architectures. 2010 , 21, 529-50		30

496	Dimensionality-reduction frameworks for computationally expensive problems. 2010,	4
495	Robust design of Terminal ILC with an Internal Model Control using Banalysis and a genetic algorithm approach. 2010,	2
494	. 2010,	2
493	Elektronisches Management motorischer Fahrzeugantriebe. 2010,	17
492	Research on Logistics Delivery Route Optimization Based on Genetic Algorithm. 2010,	1
491	Estimation of distribution algorithms on non-separable problems. 2010, 87, 491-508	4
490	A novel approach to remove redundant Gabor wavelets for family classification. 2010,	2
489	An adaptive multi-objective clonal selection algorithm. 2010,	2
488	Memetic algorithms for continuous optimisation based on local search chains. <i>Evolutionary Computation, 2010, 18, 27-63</i>	4-3 131
487	Ion Thruster Grid Design Using an Evolutionary Algorithm. 2010, 26, 125-129	4
486	MA-SW-Chains: Memetic algorithm based on local search chains for large scale continuous global optimization. 2010,	88
485	Parametric modelling application to a twin rotor system using recursive least squares, genetic, and swarm optimization techniques. 2010, 224, 961-977	7
484	Optimising mobile base station placement using an enhanced Multi-Objective Genetic Algorithm. 2010, 5, 19	2
483	Spurious dependencies and EDA scalability. 2010,	8
482	An efficient real-coded genetic algorithm for real-parameter optimization. 2010,	4
481	A Hybrid Control Scheme for a Twin Rotor System with Multi Objective Genetic Algorithm. 2010,	4
480	Multi-Agent Evolutionary Model for Global Numerical Optimization. 2010, 13-48	
479	A Modified Non-Dominated Sorting Genetic Algorithm with Fractional Factorial Design for Multi-Objective Optimization Problems. 2010, 26, 143-156	1

478	Stationäre Motorvermessung mit verschiedenen Methoden und Modellen. 2010 , 130-166		
477	Augmented feedforward and feedback control of a twin rotor system using real-coded MOGA. 2010 ,		8
476	How Does Program Structure Impact the Effectiveness of the Crossover Operator in Evolutionary Testing?. 2010 ,		3
475	. 2010 ,		43
474	Tuning of RLS-active vibration controller using genetic algorithm. 2010 ,		
473	Steering of Balance between Exploration and Exploitation Properties of Evolutionary Algorithms - Mix Selection. <i>Lecture Notes in Computer Science</i> , 2010 , 213-220	0.9	9
472	Synthesis of frequency generator via spiking neurons network: A genetic algorithm approach. 2010 ,		
471	A linear map-based mutation scheme for real coded genetic algorithms. 2010 ,		1
470	Estimation of the Reactive Flow Model Parameters for an Ammonium NitrateBased Emulsion Explosive Using Genetic Algorithms. 2010 , 28, 180-204		4
469	Emergence of Neuronal Groups on a Self-Organized Spiking Neurons Network Based on Genetic Algorithm. 2010 ,		4
468	SISO and SIMO active vibration control of a flexible plate structure using real-coded genetic algorithm. 2010 ,		3
467	Hostile area or facility monitoring with an optimal wireless sensor network deployment. 2010 ,		1
466	Genetic search for fast object detection. 2011 ,		
465	Simulating anisotropic etching of silicon in any etchant: evolutionary algorithm for the calibration of the continuous cellular automaton. 2011 , 21, 065017		11
464	RGBCA-genetic bee colony algorithm for travelling salesman problem. 2011 ,		
463	Intelligent Systems. 2011 ,		56
462	Constraint-handling in nature-inspired numerical optimization: Past, present and future. 2011 , 1, 173-194		637
461	Evolutionary Statistical Procedures. 2011 ,		22

460	Handwritten Armenian character recognition based on discrete cosine transform and artificial immune system. 2011,	1
459	. 2011,	0
458	Symbolic search-based testing. 2011,	49
457	Real-Valued Genetic Algorithms with Disagreements. 2011, 333-346	1
456	Recurring two-stage evolutionary programming: a novel approach for numeric optimization. 2011, 41, 1352-65	11
455	Co-Evolutionary Algorithms Based on Mixed Strategy. 2011, 4, 17-30	
454	Stochastic Optimization of Bose-Einstein Condensation Using a Genetic Algorithm. 2011,	5
453	A New Framework with FDPP-LX Crossover for Real-Coded Genetic Algorithm. 2011, E94-A, 1417-1425	4
452	Genetic Algorithms. 2011,	1
451	Multi-objective Evolutionary Design of Robust Controllers on the Grid. 2011, 44, 14711-14716	2
450	GA-Optimized Extended Kalman Filter for Speed Estimation. 2011, 243-271	
449	RST-CBR-CLUSTERING-BASED RGABVM MODEL FOR CORPORATE FAILURE PREDICTION. 2011, 18, 105-120	7
448	Model accuracy in the Bayesian optimization algorithm. 2011, 15, 1351-1371	20
447	Blended biogeography-based optimization for constrained optimization. 2011, 24, 517-525	206
446	Genetic Algorithm with adaptive elitist-population strategies for multimodal function optimization. 2011, 11, 2017-2034	73
445	Volatility clustering and herding agents: does it matter what they observe?. 2011, 6, 41-59	7
444	Optimization of fuzzy CMAC using evolutionary Bayesian Ying-Yang learning. 2011, 6, 208-214	
443	Analysis of migration models of biogeography-based optimization using Markov theory. 2011, 24, 1052-1060	52

442	Diagnosis of hypoglycemic episodes using a neural network based rule discovery system. 2011 , 38, 9799-9808	47
441	A hybrid differential evolution algorithm integrated with an ant system and its application. 2011 , 62, 32-43	7
440	Two-stage update biogeography-based optimization using differential evolution algorithm (DBBO). 2011 , 38, 1188-1198	49
439	Genetic algorithm with peaks adaptive objective function used to fit the EPR powder spectrum. 2011 , 11, 1000-1007	5
438	Distance-based relevance feedback using a hybrid interactive genetic algorithm for image retrieval. 2011 , 11, 1782-1791	26
437	ACROA: Artificial Chemical Reaction Optimization Algorithm for global optimization. 2011 , 38, 13170-13180	213
436	Learning in the feed-forward random neural network: A critical review. 2011 , 68, 361-384	25
435	A practical tutorial on the use of nonparametric statistical tests as a methodology for comparing evolutionary and swarm intelligence algorithms. 2011 , 1, 3-18	2857
434	Using multivariate quantitative genetics theory to assist in EA customization. 2011 ,	0
433	Representations and evolutionary operators for the scheduling of pump operations in water distribution networks. <i>Evolutionary Computation</i> , 2011 , 19, 429-67	4.3 19
432	Parameter-orientated segmentation algorithm evaluation. 2011 ,	1
431	Applications of Evolutionary Computation. <i>Lecture Notes in Computer Science</i> , 2011 ,	0.9 1
430	Comparison of a greedy selection operator to tournament selection and a hill climber. 2011 ,	
429	Relationship between problem characteristics and the optimal number of genetic algorithm generations. 2011 , 43, 349-376	24
428	. 2011 ,	0
427	An improved genetic algorithm for hydrological model calibration. 2011 ,	1
426	MODELING SELECTION AND EXTINCTION MECHANISMS OF BIOLOGICAL SYSTEMS. 2011 , 22, 669-686	1
425	Influence of selection on structure learning in markov network EDAs. 2012 ,	4

424	A new methodology for the GP theory toolbox. 2012,		
423	Surrogate-Based Design Optimization with Adaptive Sequential Sampling. 2012,		4
422	Extended Species Abundance Models of Biogeography Based Optimization. 2012,		6
421	Applied Parallel and Scientific Computing. <i>Lecture Notes in Computer Science, 2012,</i>	0.9	6
420	A self-adaptive differential evolution algorithm based on ant system with application to estimate kinetic parameters. 2012, 61, 99-126		4
419	SS-ADC: Scatter search with adaptive diversity control. 2012,		
418	Pattern synthesis of linear antenna arrays using a genetic algorithm with physical size constraint. 2012,		2
417	Search Based Software Engineering: Techniques, Taxonomy, Tutorial. <i>Lecture Notes in Computer Science, 2012,</i> 1-59	0.9	94
416	Using Optimal Multiple Tuned Liquid Column Dampers for Mitigating the Seismic Response of Structures. 2012, 2012, 1-6		3
415	Evolutionary Algorithms for the Automatic Calibration of Simulation Models for the Virtual Engine Application. 2012, 45, 177-181		2
414	A hypoglycemic episode diagnosis system based on neural networks for Type 1 diabetes mellitus. 2012,		1
413	Emergence of synchronicity in a self-organizing spiking neuron network: an approach via genetic algorithms. 2012, 11, 405-413		3
412	High order robust Terminal Iterative Learning Control design using Genetic Algorithm. 2012,		4
411	Gradient-Based Algorithms for the Automatic Construction of Fuzzy Cognitive Maps. 2012,		7
410	Location optimisation of robust sparse antenna array. 2012,		
409	Location Optimization of Robust Sparse Antenna Arrays With Physical Size Constraint. 2012, 11, 1303-1306		20
408	Blended Biogeography Based Optimization for different economic load dispatch problem. 2012,		2
407	Time series modeling and forecasting using memetic algorithms for regime-switching models. 2012 , 23, 1841-7		10

406	Region based memetic algorithm with LS chaining. 2012,		4
405	An new crossover operator for real-coded genetic algorithm with selective breeding based on difference between individuals. 2012,		2
404	Grasp planning of 3D objects using genetic algorithm. 2012,		3
403	Optimal (short-term) pump schedule detection for water distribution systems by neutral evolutionary search. 2012, 12, 2336-2351		15
402	Development of plotting position for the general extreme value distribution. 2012, 475, 259-269		19
401	Modified Onlooker Phase in Artificial Bee Colony Algorithm. <i>Lecture Notes in Computer Science,</i> 2012, 339-347	0.9	1
400	Artificial Bee Colony Algorithm with Uniform Mutation. 2012, 503-511		1
399	Real-valued genetic algorithms with disagreements. 2012, 4, 317-325		3
398	Evolutionary continuous cellular automaton for the simulation of wet etching of quartz. 2012, 22, 025021		20
397	Security and Intelligent Information Systems. <i>Lecture Notes in Computer Science,</i> 2012,	0.9	1
396	Swarm and Evolutionary Computation. <i>Lecture Notes in Computer Science,</i> 2012,	0.9	2
395	Handbook of Memetic Algorithms. 2012,		128
394	Evolutionary Algorithm for the Determination of Optimal Mode of Bioreactor Operation. 2012, 51, 1796-1808		13
393	Material Parameter Identification with Parallel Processing and Geo-applications. <i>Lecture Notes in Computer Science,</i> 2012, 366-375	0.9	3
392	Using Quantitative Genetics and Phenotypic Traits in Genetic Programming. 2012,		
391	The Roles of Crossover and Mutation in Real-Coded Genetic Algorithms. 2012,		9
390	Optimal control of nonlinear frames by Newmark and distributed genetic algorithms. 2012, 21, 77-95		12
389	Designing optimal tuned mass dampers for nonlinear frames by distributed genetic algorithms. 2012, 21, 57-76		42

388	Synthesis of neural tree models by improved breeder genetic programming. <i>Neural Computing and Applications</i> , 2012 , 21, 515-521	4.8	5
387	Market segmentation and ideal point identification for new product design using fuzzy data compression and fuzzy clustering methods. 2012 , 12, 1371-1378		31
386	Diversity Guided Evolutionary Programming: A novel approach for continuous optimization. 2012 , 12, 1693-1707		21
385	A theoretical and empirical study on unbiased boundary-extended crossover for real-valued representation. 2012 , 183, 48-65		19
384	An alternative differential evolution algorithm for global optimization. 2012 , 3, 149-165		60
383	Resource management and scalability of the XCSF learning classifier system. 2012 , 425, 126-141		17
382	Input Domain Reduction through Irrelevant Variable Removal and Its Effect on Local, Global, and Hybrid Search-Based Structural Test Data Generation. 2012 , 38, 453-477		32
381	On the Impact of Mutation-Selection Balance on the Runtime of Evolutionary Algorithms. 2012 , 16, 225-241		43
380	Impacts of sampling strategies in tournament selection for genetic programming. 2012 , 16, 615-633		5
379	Fitness Modeling With Markov Networks. 2013 , 17, 862-879		12
378	Linkage learning by number of function evaluations estimation: Practical view of building blocks. 2013 , 230, 162-182		3
377	Differential Evolution. 2013 , 187-214		98
376	Geometricity of genetic operators for real-coded representation. 2013 , 219, 10915-10927		10
375	Computational Science and Its Applications IJCCSA 2013. <i>Lecture Notes in Computer Science</i> , 2013 ,	0.9	1
374	A new classifier ensemble methodology based on subspace learning. 2013 , 25, 227-250		32
373	A traffic-based evolutionary algorithm for network clustering. 2013 , 13, 4303-4319		9
372	Dynamically updated region based memetic algorithm for the 2013 CEC Special Session and Competition on Real Parameter Single Objective Optimization. 2013 ,		11
371	Software cost estimation by classical and Fuzzy Analogy for Web Hypermedia Applications: A replicated study. 2013 ,		6

370	An identification of program factors that impact crossover performance in evolutionary test input generation for the branch coverage of C programs. 2013 , 55, 153-172		10
369	Constrained optimization of the shape of a wave energy collector by genetic algorithm. <i>Renewable Energy</i> , 2013 , 51, 274-284	8.1	49
368	Designing optimal multiple tuned mass dampers using genetic algorithms (GAs) for mitigating the seismic response of structures. 2013 , 19, 605-625		68
367	Real parameter optimization by an effective differential evolution algorithm. 2013 , 14, 37-53		35
366	A novel adaptive fuzzy predictive control for hybrid systems with mixed inputs. 2013 , 26, 1512-1531		6
365	Two-stage based ensemble optimization framework for large-scale global optimization. 2013 , 228, 308-320		31
364	An Overview of Computational Intelligence Algorithms. 2013 , 63-94		1
363	A hybrid real coded genetic algorithm [Pattern search approach for selective harmonic elimination of PWM AC/AC voltage controller. 2013 , 44, 123-133		41
362	Identificaci3n de sistemas en lazo cerrado basada en una estrategia h3brida AGA-Simplex. 2013 , 10, 37-49		0
361	Design of linear ligands for selective separation using a genetic algorithm applied to molecular architecture. 2013 , 53, 1638-60		4
360	Probabilistic Adaptive Crossover Applied to Chilean Wine Classification. 2013 , 2013, 1-10		3
359	A comparative study of marriage in honey bees'optimisation (MBO) algorithm in multi-reservoir system optimisation. 2013 , 39,		
358	Time Intervals for Maintenance of Offshore Structures Based on Multiobjective Optimization. 2013 , 2013, 1-15		4
357	Genetic Algorithm-Based COD Calibration Method Research. 2013 , 341-342, 748-753		
356	Real Coded Genetic Algorithms for Solving Flexible Job-Shop Scheduling Problem - Part II: Optimization. 2013 , 701, 364-369		6
355	Automatic Test Data Generation Using a Genetic Algorithm. <i>Lecture Notes in Computer Science</i> , 2013 , 574-586	0.9	1
354	Feasibility study of optimization of a genetic algorithm for traffic network division for distributed road traffic simulation. 2013 ,		4
353	On the recombination operator in the real-coded genetic algorithms. 2013 ,		15

352	Validation of satellite docking simulations using an air-bearing-based experimental testbed. 2013 , 1, 253	1
351	Optimization of part type selection and loading problem with alternative production plans in flexible manufacturing system using hybrid genetic algorithms - part 1: Modelling and representation. 2013 ,	6
350	Optimization of part type selection and loading problem with alternative production plans in flexible manufacturing system using hybrid genetic algorithms - part 2: Genetic operators and results. 2013 ,	3
349	Hybrid biogeography-based optimization for integer programming. 2014 , 2014, 672983	7
348	RDEL: Restart Differential Evolution algorithm with Local Search Mutation for global numerical optimization. 2014 , 15, 175-188	22
347	Analyzing Discourse and Text Complexity for Learning and Collaborating. 2014 ,	45
346	SOFTWARE DEVELOPMENT EFFORT ESTIMATION USING CLASSICAL AND FUZZY ANALOGY: A CROSS-VALIDATION COMPARATIVE STUDY. 2014 , 13, 1450013	22
345	Stochastic tunneling transformation during selection in genetic algorithm. 2014 ,	1
344	Gains tuning of a PI-Fuzzy controller by genetic algorithms. 2014 , 31, 1074-1097	2
343	A simultaneous cost-risk reduction optimisation in JIT systems using genetic algorithms. 2014 ,	1
342	From fitness landscape to crossover operator choice. 2014 ,	4
341	Portfolio optimization using an integer genetic algorithm. 2014 ,	
340	. 2014 ,	8
339	A new genetic algorithm for global optimization of multimodal continuous functions. 2014 , 5, 298-311	51
338	Localized biogeography-based optimization. 2014 , 18, 2323-2334	44
337	Hybrid metaheuristic approaches to the expectation maximization for estimation of the hidden Markov model for signal modeling. 2014 , 44, 1962-77	5
336	Multi-objective evolutionary design of robust controllers on the grid. 2014 , 27, 17-27	10
335	A review of soft computing methods for harmonics elimination PWM for inverters in renewable energy conversion systems. 2014 , 33, 141-153	64

334	Evolutionary algorithms with segment-based search for multiobjective optimization problems. 2014 , 44, 1295-313	77
333	Hierarchical fuzzy rule-based system optimized with genetic algorithms for short term traffic congestion prediction. 2014 , 43, 127-142	72
332	Evolutionary Kinetic Monte Carlo: Atomistic Rates of Surface-Mediated Processes from Surface Morphologies. 2014 , 118, 11636-11648	8
331	Selection methods regulate evolution of cooperation in digital evolution. 2014 , 11, 20130743	
330	Assisting in search heuristics selection through multidimensional supervised classification: A case study on software testing. 2014 , 258, 122-139	6
329	Emergency railway wagon scheduling by hybrid biogeography-based optimization. 2014 , 43, 1-8	50
328	Dual Phase Evolution. 2014 ,	3
327	Improve shell and tube heat exchangers design by hybrid differential evolution and ant colony optimization technique. 2014 , 9, 431-448	9
326	Multiscale Reactive Molecular Dynamics for Absolute p Predictions and Amino Acid Deprotonation. 2014 , 10, 2729-2737	28
325	Region based memetic algorithm for real-parameter optimisation. 2014 , 262, 15-31	13
324	Modular construction of a functional artificial epothilone polyketide pathway. 2014 , 3, 759-72	35
323	A New Evolutionary Approach to Recommender Systems. 2014 , E97.D, 622-625	1
322	Structural coherence of problem and algorithm: An analysis for EDAs on all 2-bit and 3-bit problems. 2015 ,	3
321	Congestion Prediction by Means of Fuzzy Logic and Genetic Algorithms. 2015 , 189-205	2
320	Assessment of the Design Criteria Effect on Performance of Multiple Tuned Mass Dampers. 2015 , 18, 1141-1158	7
319	A Robust Optimisation Approach of a Simultaneous Cost-Risk Reduction under a Just-in-Time Environment Using a Genetic Algorithm. 2015 , 743, 307-316	
318	. 2015 ,	41
317	Optimal Design of Multiple Tuned Liquid Column Dampers for Seismic Vibration Control of MDOF Structures. 2015 , 59, 543-558	3

316	DGA-based approach for optimal design of active mass damper for nonlinear structures considering ground motion effect. 2015 , 24, 045017	4
315	Evolutionary Reduction of Fuzzy Rule-Based Models. 2015 , 459-481	7
314	A predictive function optimization algorithm for multi-spectral skin lesion assessment. 2015 ,	
313	Bayesian Based Metaheuristic for Large Scale Continuous Optimization. 2015 ,	1
312	Simulated binary jumping gene: A step towards enhancing the performance of real-coded genetic algorithm. 2015 , 325, 429-454	17
311	Traffic optimization on Islands. 2015 ,	4
310	Biogeography-based optimization in noisy environments. 2015 , 37, 190-204	12
309	Alignment parameter calibration for IMU using the Taguchi method for image deblurring. 2015 , 65, 207-219	2
308	Advanced discussion mechanism-based brain storm optimization algorithm. 2015 , 19, 2997-3007	29
307	On the efficacy of chaos-enhanced heuristic walks with nature-based controllers for robust and accurate intelligent search, part A: an experimental analysis. 2015 , 27, 389-422	6
306	Evolutionary Algorithms. 2015 ,	17
305	Evolution Strategies. 2015 , 871-898	62
304	Estimation of Distribution Algorithms. 2015 , 899-928	29
303	An improved differential evolution algorithm with triangular mutation for global numerical optimization. 2015 , 85, 359-375	79
302	The runner-root algorithm: A metaheuristic for solving unimodal and multimodal optimization problems inspired by runners and roots of plants in nature. 2015 , 33, 292-303	82
301	Comparative review of selection techniques in genetic algorithm. 2015 ,	55
300	Theoretical Perspective of Convergence Complexity of Evolutionary Algorithms Adopting Optimal Mixing. 2015 ,	1
299	Analysis of fitness function of genetic algorithm for road traffic network division. 2015 ,	1

298	On the thrust surface of unreinforced and FRP-/FRCM-reinforced masonry domes. 2015 , 83, 297-305	41
297	Two-phase anticipatory system design based on extended species abundance model of biogeography for intelligent battlefield preparation. 2015 , 89, 420-445	2
296	Paramfit: automated optimization of force field parameters for molecular dynamics simulations. 2015 , 36, 79-87	67
295	A high performance memetic algorithm for extremely high-dimensional problems. 2015 , 293, 35-58	23
294	A multi-objective genetic algorithm for simulating optimal fights in StarCraft II. 2016 ,	4
293	Investigating Selection Strategies in Multi-objective Probabilistic Model Based Algorithms. 2016 ,	
292	Metaheuristics for Continuous Optimization of High-Dimensional Problems: State of the Art and Perspectives. 2016 , 437-460	2
291	Missing data techniques in analogy-based software development effort estimation. 2016 , 117, 595-611	41
290	Estimation of Distribution Algorithms. 2016 , 105-119	2
289	Region-based memetic algorithm with archive for multimodal optimisation. 2016 , 367-368, 719-746	11
288	Improved estimation of software development effort using Classical and Fuzzy Analogy ensembles. 2016 , 49, 990-1019	47
287	A modified estimation distribution algorithm based on extreme elitism. 2016 , 150, 149-166	3
286	Formation of an interphase layer during deposition of cobalt onto tetraphenylporphyrin: a hard X-ray photoelectron spectroscopy (HAXPES) study. 2016 , 18, 30643-30651	7
285	Using biologically inspired computing to effectively improve prediction models. 2016 , 13, 99-112	4
284	Epidemic model for information diffusion in web forums: experiments in marketing exchange and political dialog. 2016 , 5, 66	35
283	. 2016 , 17, 557-569	82
282	A chaos-based evolutionary algorithm for general nonlinear programming problems. 2016 , 85, 8-21	35
281	A Novel Intelligent Algorithm to Control Mutation Rate Using the Concept of Local Trap. 2016 , 34, 177-192	1

280	Computationally Efficient Multiscale Reactive Molecular Dynamics to Describe Amino Acid Deprotonation in Proteins. 2016 , 12, 879-91	32
279	. 2016 , 20, 730-741	12
278	A hybrid differential evolution and estimation of distribution algorithm based on neighbourhood search for job shop scheduling problems. 2016 , 54, 1039-1060	32
277	Global memory schemes for dynamic optimization. 2016 , 15, 319-333	12
276	A hybrid optimization algorithm based on chaotic differential evolution and estimation of distribution. 2017 , 36, 433-458	7
275	University course timetabling using a new ecogeography-based optimization algorithm. 2017 , 16, 61-74	9
274	Novel migration operators of biogeography-based optimization and Markov analysis. 2017 , 21, 6605-6632	4
273	Effect of Response Related Weighting Matrices on Performance of Active Control Systems for Nonlinear Frames. 2017 , 17, 1750030	1
272	Comparison of common parallel architectures for the execution of the island model and the global parallelization of evolutionary algorithms. 2017 , 29, e3797	7
271	An extended continuous estimation of distribution algorithm for solving the permutation flow-shop scheduling problem. 2017 , 49, 1868-1889	9
270	Comparing the performances of four stochastic optimisation methods using analytic objective functions, 1D elastic full-waveform inversion, and residual static computation. 2017 , 65, 322-346	16
269	Deadlock detection in complex software systems specified through graph transformation using Bayesian optimization algorithm. 2017 , 131, 181-200	18
268	hGRGA: A scalable genetic algorithm using homologous gene schema replacement. 2017 , 34, 33-49	7
267	Breeder hybrid algorithm approach for natural gas demand forecasting model. 2017 , 141, 1269-1284	53
266	Genetic Algorithm. 2017 , 53-67	
265	GA Optimization of Coconut Sugar Cooking Process. 2017 ,	3
264	Microphone configuration for beamformer design using the Taguchi method. 2017 , 96, 58-66	2
263	Near-optimal user assignment in LTE mobile networks with evolutionary computing. 2017 , 28, e3132	2

262	New directional bat algorithm for continuous optimization problems. 2017 , 69, 159-175	166
261	1D elastic full-waveform inversion and uncertainty estimation by means of a hybrid genetic algorithm Gibbs sampler approach. 2017 , 65, 64-85	35
260	Fuzzy Analogy Based Effort Estimation: An Empirical Comparative Study. 2017 ,	8
259	. 2017 ,	11
258	A Polygon and Point-Based Approach to Matching Geospatial Features. 2017 , 6, 399	9
257	Enhancing the search ability of differential evolutionary through partial intermediate recombination. 2017 ,	1
256	Bibliography. 2017 , 309-323	
255	A hybrid discrete teaching-learning based meta-heuristic for solving no-idle flow shop scheduling problem with total tardiness criterion. 2018 , 94, 89-105	26
254	A selection method for evolutionary algorithms based on the Golden Section. 2018 , 106, 183-196	11
253	A statistically-driven Coral Reef Optimization algorithm for optimal size reduction of time series. 2018 , 63, 139-153	22
252	Genetic algorithm variant based effective solutions for economic dispatch problems. 2018 ,	1
251	An integrated location-inventory problem in a closed-loop supply chain with third-party logistics. 2018 , 56, 3462-3481	34
250	Accelerated multi-gravitational search algorithm for size optimization of truss structures. 2018 , 38, 109-119	35
249	An investigation of the selection strategies impact on MOEDAs: CMA-ES and UMDA. 2018 , 62, 963-973	4
248	A tuned version of genetic algorithm for efficient test suite generation in interactive t-way testing strategy. 2018 , 94, 165-185	22
247	Tackling global optimization problems with a novel algorithm Mouth Brooding Fish algorithm. 2018 , 62, 987-1002	45
246	The vehicle routing problem with service level constraints. 2018 , 265, 544-558	27
245	Three-dimensional protein structure prediction based on memetic algorithms. 2018 , 91, 160-177	11

244	Optimization of Dynamic Prices for Electric Vehicle Charging Considering Fairness. 2018,	2
243	Experimental Analysis of the Tournament Size on Genetic Algorithms. 2018,	3
242	Change Detection Based on Multi-Feature Clustering Using Differential Evolution for Landsat Imagery. 2018, 10, 1664	11
241	Support vector regression-based imputation in analogy-based software development effort estimation. 2018, 30, e2114	10
240	Application and research of mechanical design optimization based on genetic algorithm kinematics simulation technology. 2018, 34, 871-878	3
239	Analysis and Enhancement of Simulated Binary Crossover. 2018,	3
238	A hybrid crow search algorithm based on rough searching scheme for solving engineering optimization problems. 2018, 1	35
237	Application of real valued genetic algorithm on prediction of higher heating values of various lignocellulosic materials using lignin and extractive contents. 2018, 160, 1047-1054	11
236	A hierarchical soft computing model for parameter estimation of curve fitting problems. 2018, 22, 6937-6964	2
235	A Genetic Algorithm-Based Classification Approach for Multicriteria ABC Analysis. 2018, 17, 1805-1837	5
234	Preparation of Graphene-Perfluoroalkoxy Composite and Thermal and Mechanical Properties. 2018, 10,	11
233	An empirical evaluation of evolutionary algorithms for unit test suite generation. 2018, 104, 207-235	27
232	An intelligent system for spam detection and identification of the most relevant features based on evolutionary Random Weight Networks. 2019, 48, 67-83	144
231	Portfolio optimization using Laplacian biogeography based optimization. 2019, 56, 1117-1141	3
230	An analysis of dimensionality reduction techniques for visualizing evolution. 2019,	5
229	Including Plastic Strain Into the Discrete Preisach-Mayergoyz Space: Application to Granular Media. 2019, 124, 10983-10998	
228	Portfolio optimization by improved NSGA-II and SPEA 2 based on different risk measures. 2019, 5,	14
227	Optimal DDBD procedure for designing steel structures with nonlinear fluid viscous dampers. 2019, 22, 154-174	28

226	Designing determination of procrastination level in students utilize genetic algorithms method in data mining classification. 2019 , 1175, 012052	
225	Alternative approach to optimizing optical spacer layer thickness in solar cell using evolutionary algorithm. 2019 ,	
224	Peak load reduction through dynamic pricing for electric vehicle charging. 2019 , 113, 117-128	38
223	Semiperiodic Ultra-Broadband Double-Grating to Improve c-Si Thin-Film Solar Cell's Optical Absorption, through Numerical Structural Optimization. 2019 , 9, 264	2
222	Open pit mine production schedule optimization using a hybrid of maximum-flow and genetic algorithms. 2019 , 81, 105507	23
221	A nonlinear multiple regression model of taste sensor data for components in sake. 2019 , 102, 41-54	
220	Evolutionary multi-objective optimization for multivariate pairs trading. 2019 , 135, 113-128	12
219	An Intelligent Hybrid Energy Management System for a Smart House Considering Bidirectional Power Flow and Various EV Charging Techniques. 2019 , 9, 1658	15
218	A hybrid evolutionary approach based on the invasive weed optimization and estimation distribution algorithms. 2019 , 23, 13627-13668	4
217	A method to attenuate genetic drift in genetic-algorithm optimizations: Applications to analytic objective functions and two seismic optimization problems. 2019 , 84, R295-R310	6
216	Multi-modal Multi-objective Optimization: Problem Analysis and Case Studies. 2019 ,	5
215	Hybrid Genetic Algorithm & Learning Vector Quantization for Classification of Social Assistance Recipients. 2019 ,	
214	A tradeoff resource allocation based on MF-TDMA scheme in the multibeam data relay satellite systems. 2019 , 37, 200-212	2
213	Cross layer resource allocation for fault-tolerant topology control in wireless mesh networks based on genetic algorithm. 2019 , 2019,	1
212	Evolutionary hyper-heuristic for solving the strip-packing problem. 2019 , 110, 1141-1151	3
211	Evaluating filter fuzzy analogy homogenous ensembles for software development effort estimation. 2019 , 31, e2117	7
210	Empirical evaluation of an entropy-based approach to estimation variation of software development effort. 2019 , 31, e2149	
209	Composite Differential Evolution for Constrained Evolutionary Optimization. 2019 , 49, 1482-1495	54

208	Fuzzy set based multi-objective optimization for eight-rod mechanism via sensitivity analysis. 2019 , 233, 333-343		1
207	Automatic optimized support vector regression for financial data prediction. <i>Neural Computing and Applications</i> , 2020 , 32, 2383-2396	4.8	5
206	A multi-commodity location-inventory problem in a closed-loop supply chain with commercial product returns. 2020 , 58, 6899-6916		6
205	An Evolutionary Approach to Constructing the Minimum Volume Ellipsoid Containing a Set of Points and the Maximum Volume Ellipsoid Embedded in a Set of Points. 2020 , 1530, 012087		2
204	A novel double slip loads friction damper to control the seismic response of structures. <i>Engineering Structures</i> , 2020 , 225, 111273	4-7	4
203	A Novel Parent Centric Crossover with the Log-Logistic Probabilistic Approach Using Multimodal Test Problems for Real-Coded Genetic Algorithms. 2020 , 2020, 1-17		1
202	Determination of Phonon Density of States from Constant-Pressure Heat Capacity Data of Soft Organic Materials in the Glassy and Crystalline States by Using the Real-Coded Genetic Algorithm. 2020 , 124, 11250-11262		2
201	Genetic optimised serial hierarchical fuzzy classifier for breast cancer diagnosis. 2020 , 15, 194		2
200	SAMA: A Fast Self-Adaptive Memetic Algorithm for Detecting SNP-SNP Interactions Associated with Disease. 2020 , 2020, 5610658		
199	Hull geometry optimisation of wave energy converters: On the choice of the optimisation algorithm and the geometry definition. 2020 , 280, 115952		11
198	. 2020 , 15, 62-73		7
197	Modified Harris Hawks Optimization Algorithm for Global Optimization Problems. 2020 , 45, 10949-10974		11
196	. 2020 , 19, 8303-8314		0
195	Simultaneous stochastic optimization of production sequence and dynamic cut-off grades in an open pit mining operation. 2020 , 66, 101634		14
194	Selection scheme sensitivity for a hybrid Salp Swarm Algorithm: analysis and applications. 2020 , 1		19
193	Enhanced a hybrid moth-flame optimization algorithm using new selection schemes. 2020 , 37, 2931		21
192	Constructal design associated with genetic algorithm to minimize the maximum deflection of thin stiffened steel plates. 2020 , 49, 4040-4055		
191	Application of Genetic Algorithm for More Efficient Multi-Layer Thickness Optimization in Solar Cells. <i>Energies</i> , 2020 , 13, 1726	3.1	5

190	Numerical reconstruction of turbid slab optical properties using global optimization algorithms. 2021 , 36, 43-54			1
189	Enhancing the curvature mode shape method for structural damage severity estimation by means of the distributed genetic algorithm. 2021 , 53, 683-701			3
188	The Complex Parameter Landscape of the Compact Genetic Algorithm. 2021 , 83, 1096-1137			5
187	Metaheuristics for homogeneous and heterogeneous machine utilization planning under reliability-centered maintenance. 2021 , 151, 106934			3
186	Metaheuristic Algorithm Based on Hybridization of Invasive Weed Optimization and Estimation Distribution Methods. 2021 , 63-123			
185	Information Extraction From Social Media for Epidemic Models. 2021 , 125-139			
184	Optimal Placement of Sensors for Controlling Smart Base Isolation Systems. 2021 , 21, 2150055			
183	Model-based optimization of ARINC-653 partition scheduling. 1			3
182	Testing Stability of Digital Filters Using Optimization Methods with Phase Analysis. <i>Energies</i> , 2021 , 14, 1488	3.1		0
181	An Effective Improved Multi-objective Evolutionary Algorithm (IMOEA) for Solving Constraint Civil Engineering Optimization Problems.			0
180	Analysis of household green food consumption behavior based on machine learning prediction. 1			
179	A new modified stochastic linearization technique to analyze structures with nonlinear fluid viscous dampers. 107754632110195			0
178	Reliability of the Phonon Density of States Determined by Real-Coded Genetic Algorithm from Heat Capacities of Benzoic Acid Crystals. 2021 , 125, 6322-6329			1
177	Adapted water wave optimization for integrated bank customer service representative scheduling. 1-16			0
176	Performance of Enhanced Multiple-Searching Genetic Algorithm for Test Case Generation in Software Testing. 2021 , 9, 1779			1
175	Seeking a balance between population diversity and premature convergence for real-coded genetic algorithms with crossover operator. 1			2
174	On the genotype compression and expansion for evolutionary algorithms in the continuous domain. 2021 ,			
173	Reliability-based hull geometry optimisation of a point-absorber wave energy converter with power take-off structural reliability objectives. 2021 , 15, 3255			0

172	Differential evolution and particle swarm optimization against COVID-19. 2021 , 1-71		1
171	Hull geometry optimisation of wave energy converters: On the choice of the objective functions and the optimisation formulation. 2021 , 298, 117153		8
170	Integrated express shipment service network design with customer choice and endogenous delivery time restrictions. 2021 , 294, 590-603		5
169	Efficient Framework for Genetic Algorithm-Based Correlation Power Analysis. 2021 , 1-1		0
168	Monitor system and Gaussian perturbation teaching learning-based optimization algorithm for continuous optimization problems. 1		0
167	Chaotic Search Based Equilibrium Optimizer for Dealing with Nonlinear Programming and Petrochemical Application. 2021 , 9, 200		6
166	Prediction of Thruster Performance in Hall Thrusters Using Neural Network with Auto Encoder. 2021 , 19, 760-765		
165	Quantum-Inspired Immune Clonal Algorithm. <i>Lecture Notes in Computer Science</i> , 2005 , 304-317	0.9	15
164	Comparing the Niches of CMA-ES, CHC and Pattern Search Using Diverse Benchmarks. <i>Lecture Notes in Computer Science</i> , 2006 , 988-997	0.9	11
163	Hierarchical BOA, Cluster Exact Approximation, and Ising Spin Glasses. <i>Lecture Notes in Computer Science</i> , 2006 , 122-131	0.9	5
162	Global Numerical Optimization Based on Small-World Networks. <i>Lecture Notes in Computer Science</i> , 2006 , 194-203	0.9	2
161	Designing Efficient Genetic and Evolutionary Algorithm Hybrids. 2005 , 259-288		5
160	Replacement Strategies to Maintain Useful Diversity in Steady-State Genetic Algorithms. 2005 , 85-96		5
159	Convergence Time Analysis for the Multi-objective Counting Ones Problem. <i>Lecture Notes in Computer Science</i> , 2003 , 355-364	0.9	2
158	Are Multiple Runs of Genetic Algorithms Better than One?. <i>Lecture Notes in Computer Science</i> , 2003 , 801-812	0.9	21
157	Understanding EA Dynamics via Population Fitness Distributions. <i>Lecture Notes in Computer Science</i> , 2003 , 1604-1605	0.9	3
156	Convergence of Program Fitness Landscapes. <i>Lecture Notes in Computer Science</i> , 2003 , 1702-1714	0.9	10
155	Scalability of Selectorecombinative Genetic Algorithms for Problems with Tight Linkage. <i>Lecture Notes in Computer Science</i> , 2003 , 1332-1344	0.9	1

154	GA-Based Learning of kDNFNs Boolean Formulas. <i>Lecture Notes in Computer Science</i> , 2001 , 279-290	0.9	2
153	Genetic Algorithm Optimisation of Part Placement Using a Connection-Based Coding Method. <i>Lecture Notes in Computer Science</i> , 2002 , 232-240	0.9	1
152	Genetic algorithms for digital signal processing. <i>Lecture Notes in Computer Science</i> , 1994 , 291-303	0.9	7
151	On the mean convergence time of evolutionary algorithms without selection and mutation. <i>Lecture Notes in Computer Science</i> , 1994 , 88-97	0.9	33
150	Estimating the heritability by decomposing the genetic variance. <i>Lecture Notes in Computer Science</i> , 1994 , 98-107	0.9	3
149	Convergence models of genetic algorithm selection schemes. <i>Lecture Notes in Computer Science</i> , 1994 , 119-129	0.9	60
148	Strategy adaptation by competing subpopulations. <i>Lecture Notes in Computer Science</i> , 1994 , 199-208	0.9	65
147	Soft genetic operators in Evolutionary Algorithms. <i>Lecture Notes in Computer Science</i> , 1995 , 123-141	0.9	17
146	A perspective on evolutionary computation. <i>Lecture Notes in Computer Science</i> , 1995 , 73-89	0.9	1
145	Stochastic methods for transistor size optimization of CMOS VLSI circuits. <i>Lecture Notes in Computer Science</i> , 1996 , 849-858	0.9	4
144	Investigating a Parallel Breeder Genetic Algorithm on the inverse Aerodynamic design. <i>Lecture Notes in Computer Science</i> , 1996 , 982-991	0.9	1
143	The influence of different coding schemes on the computational complexity of genetic algorithms in function optimization. <i>Lecture Notes in Computer Science</i> , 1996 , 227-235	0.9	9
142	Dimensional analysis of allele-wise mixing revisited. <i>Lecture Notes in Computer Science</i> , 1996 , 255-265	0.9	4
141	Artificial Neural Networks Optimization by means of Evolutionary Algorithms. 1998 , 3-12		5
140	A Hierarchical Genetic Algorithm for System Identification and Curve Fitting with a Supercomputer Implementation. 1999 , 111-137		4
139	Tunneling and Genetic Algorithms for Global Optimization. 2001 , 553-567		4
138	Gene Pool Recombination in Genetic Algorithms. 1996 , 53-62		16
137	Genetic Algorithms. 2014 , 93-117		53

136	Evolutionary Algorithms. 1997 , 3-31		7
135	Study of Genetic Algorithms with Crossover Based on Confidence Intervals as an Alternative to Classical Least Squares Estimation Methods for Nonlinear Models. 2003 , 127-151		4
134	On the Structure of a Best Possible Crossover Selection Strategy in Genetic Algorithms. 2010 , 263-276		1
133	Generalized Net Models of Basic Genetic Algorithm Operators. 2016 , 305-325		7
132	Evolutionary Support Vector Regression via Genetic Algorithms: A Dual Approach. <i>Lecture Notes in Computer Science</i> , 2017 , 85-97	0.9	1
131	Evolutionary Computation. 2019 , 3-22		10
130	Analysis and Optimization of Fitness Function of Genetic Algorithm for Road Traffic Network Division. 2018 , 91-102		3
129	Let's Get Ready to Rumble: Crossover Versus Mutation Head to Head. <i>Lecture Notes in Computer Science</i> , 2004 , 126-137	0.9	17
128	Ruffled by Ridges: How Evolutionary Algorithms Can Fail. <i>Lecture Notes in Computer Science</i> , 2004 , 294-306		11
127	Multiobjective Estimation of Distribution Algorithms. 2006 , 223-248		37
126	Searching for Ground States of Ising Spin Glasses with Hierarchical BOA and Cluster Exact Approximation. 2006 , 333-349		14
125	Linkage Learning via Probabilistic Modeling in the Extended Compact Genetic Algorithm (ECGA). 2006 , 39-61		56
124	Hierarchical Bayesian Optimization Algorithm. 2006 , 63-90		18
123	A Novel Genetic Algorithm Based on Multi-Agent Systems. 2004 , 169-178		1
122	Applying Genetic-Fuzzy Approach to Model Polyester Dyeing. 2007 , 608-617		1
121	Learning Structure Illuminates Black Boxes – An Introduction to Estimation of Distribution Algorithms. 2007 , 365-395		2
120	A Novel Hybrid Algorithm for Function Optimization: Particle Swarm Assisted Incremental Evolution Strategy. 2007 , 101-125		2
119	A Multiagent Quantum Evolutionary Algorithm for Global Numerical Optimization. <i>Lecture Notes in Computer Science</i> , 2007 , 380-389	0.9	4

118	A Hybrid Cellular Genetic Algorithm for the Capacitated Vehicle Routing Problem. 2008 , 379-422		11
117	A Versatile Surrogate-Assisted Memetic Algorithm for Optimization of Computationally Expensive Functions and its Engineering Applications. 2008 , 43-72		17
116	Memetic Algorithm for Intense Local Search Methods Using Local Search Chains. <i>Lecture Notes in Computer Science</i> , 2008 , 58-71	0.9	7
115	A Model-Assisted Memetic Algorithm for Expensive Optimization Problems. 2009 , 133-169		5
114	A Genetic Algorithm-Based Multiobjective Optimization for Analog Circuit Design. <i>Lecture Notes in Computer Science</i> , 2009 , 506-514	0.9	2
113	Structure Learning and Optimisation in a Markov Network Based Estimation of Distribution Algorithm. 2010 , 45-69		5
112	Parameter Meta-optimization of Metaheuristic Optimization Algorithms. <i>Lecture Notes in Computer Science</i> , 2012 , 367-374	0.9	14
111	Solution of Identification Problems in Computational Mechanics [Parallel Processing Aspects]. <i>Lecture Notes in Computer Science</i> , 2012 , 399-409	0.9	2
110	New Selection Schemes in a Memetic Algorithm for the Vehicle Routing Problem with Time Windows. <i>Lecture Notes in Computer Science</i> , 2013 , 396-405	0.9	10
109	Evolutionary Computation as a Paradigm for DNA-Based Computing. 2002 , 15-40		3
108	Evolutionary Algorithms [An Overview]. 1997 , 3-28		19
107	Adaptive Recursive Filtering Using Evolutionary Algorithms. 1997 , 361-376		12
106	Modelling Genetic Algorithm Dynamics. 2001 , 59-85		14
105	Adaptive ECG Signal Filtering Using Bayesian Based Evolutionary Algorithm. 2017 , 187-211		4
104	Order Statistics for Convergence Velocity Analysis of Simplified Evolutionary Algorithms. 1995 , 91-102		3
103	Predictive Models Using Fitness Distributions of Genetic Operators. 1995 , 139-161		13
102	Phase retrieval of coherent diffractive images with global optimization algorithms. 2017 , 50, 1637-1645		3
101	Exploiting genomic knowledge in optimising molecular breeding programmes: algorithms from evolutionary computing. 2012 , 7, e48862		12

100	Crossover and Mutation Operators of Genetic Algorithms. 2017 , 7, 9-12			39
99	A Genetic Algorithm with Zooming for the Determination of the Optimal Open Pit Mines Layout. 2016 , 10, 301-322			4
98	A Fuzzy Clustering Technique for Adapting Tournament Selection. 2011 , 6, 62-67			1
97	Optimal Design for Marker-assisted Gene Pyramiding in Cross Population. 2012 , 25, 772-84			1
96	Applied real-valued genetic algorithm for an extended model of economic lot, purchase and delivery scheduling problem. 2021 ,			
95	Designer's Preferences and Multi-objective Preliminary Design Processes. 2000 , 249-260			11
94	Scalability and Efficiency of Genetic Algorithms for Geometrical Applications. <i>Lecture Notes in Computer Science</i> , 2000 , 683-692	0.9		2
93	Experiments on Concurrent Artificial Environment. 2001 , 123-130			0
92	Genetic Algorithms in Optimization and Computer Aided Design. 2001 , 1, 289-294			1
91	A Breeder Genetic Algorithm for Adaptive Filter Optimization. 2002 , 145-155			
90	Evolutionary Optimization of Heterogeneous Problems. <i>Lecture Notes in Computer Science</i> , 2002 , 475-484.	0.9		9
89	A Fate of Two Evolutionary Walkers after the Departure from the Origin. 2003 , 346-351			0
88	Experiments on a Prey Predators System. 2003 , 71-82			
87	The Design of Beta Basis Function Neural Network Using Hierarchical Genetic Algorithm. 2003 , 216-222			
86	Optimal Sampling and Speed-Up for Genetic Algorithms on the Sampled OneMax Problem. <i>Lecture Notes in Computer Science</i> , 2003 , 1554-1565	0.9		3
85	Fast and Robust Face Detection Using Genetic Search. 2004 , 124, 2072-2078			
84	IFCPA: Immune Forgetting Clonal Programming Algorithm for Large Parameter Optimization Problems. <i>Lecture Notes in Computer Science</i> , 2005 , 826-829	0.9		
83	Lamarckian Polyclonal Programming Algorithm for Global Numerical Optimization. <i>Lecture Notes in Computer Science</i> , 2005 , 931-940	0.9		

82	Fluctuating Crosstalk as a Source of Deterministic Noise and Its Effects on GA Scalability. <i>Lecture Notes in Computer Science</i> , 2006 , 740-751	0.9	1
81	Genetic Programming, Probabilistic Incremental Program Evolution, and Scalability. 2006 , 363-372		
80	Modeling Heterogeneous Data Sets with Neural Networks. 2007 , 96-103		
79	Theory of Evolutionary Algorithm: A View from Thermodynamics. <i>Lecture Notes in Computer Science</i> , 2007 , 1179-1182	0.9	
78	Boosting CBR Agents with Genetic Algorithms. <i>Lecture Notes in Computer Science</i> , 2009 , 195-209	0.9	1
77	Evolutionary Computation: Centralized, Parallel or Collaborative. 2009 , 561-595		1
76	Genetic algorithm applied to hierarchically coupled associative memories. 2010 , 657, 187-99		
75	Elitism Between Populations for the Improvement of the Fitness of a Genetic Algorithm Solution. 2010 , 229-233		
74	Genetic algorithm with variable mutation intervals. 2009 , 29, 1566-1568		
73	Robust Design of 2nd Order Terminal ILC Using EAnalysis and a Genetic Algorithm Approach. 2010 , 163-174		
72	Evolutionary FCMAC-BYY Applied to Stream Data Analysis. <i>Lecture Notes in Computer Science</i> , 2010 , 187-194		
71	Current XCSF Capabilities and Challenges. <i>Lecture Notes in Computer Science</i> , 2010 , 57-69	0.9	2
70	On Some Basic Concepts of Genetic Algorithms as a Meta-Heuristic Method for Solving of Optimization Problems. 2011 , 04, 482-486		
69	Fuzzy Control of Trade-Off between Exploration and Exploitation Properties of Evolutionary Algorithms. <i>Lecture Notes in Computer Science</i> , 2011 , 59-66	0.9	3
68	DISPAR-Tournament: A Parallel Population Reduction Operator That Behaves Like a Tournament. <i>Lecture Notes in Computer Science</i> , 2011 , 284-293	0.9	1
67	Developing the Performance of Tiling Arrays. 2011 , 2, 14-25		
66	Rule Extraction from Experimental Data for Manufacturing Process Design. 2012 , 213-228		
65	Random State Genetic Algorithm. <i>Lecture Notes in Computer Science</i> , 2012 , 214-221	0.9	

64	Type-2 Fuzzy Logic Control of Trade-off between Exploration and Exploitation Properties of Genetic Algorithms. <i>Lecture Notes in Computer Science</i> , 2012 , 368-376	0.9	2
63	Model Selection in Logistic Regression Using p-Values and Greedy Search. <i>Lecture Notes in Computer Science</i> , 2012 , 128-141	0.9	0
62	Evolutionary Design of Active Free Space Optical Networks Based on Digital Mirror Devices. <i>Lecture Notes in Computer Science</i> , 2012 , 21-30	0.9	
61	Quantitative Analysis of Chat Participants Involvement. 2014 , 87-105		
60	Quasi-Stability of Real Coded Finite Populations. <i>Lecture Notes in Computer Science</i> , 2014 , 872-881	0.9	1
59	Effects of Occam's razor in evolving Sigma-Pi neural nets. <i>Lecture Notes in Computer Science</i> , 1994 , 462-474		
58	Application of Genetic Algorithms in Sliding Mode Control Design. 1995 , 452-455		
57	Collective Learning as an Efficient Learning and Function Optimization Procedure. 1995 , 77-83		
56	An Evolution Strategy with adaptation of the step sizes by a variance function. <i>Lecture Notes in Computer Science</i> , 1996 , 387-397	0.9	1
55	Evolutionary Computation Models. 1997 ,		1
54	Continuous Optimization Using Elite Genetic Algorithms With Adaptive Mutations. <i>Lecture Notes in Computer Science</i> , 1999 , 365-372	0.9	
53	Local Search-based Enhanced Multi-objective Genetic Algorithm and Its Application to the Gestational Diabetes Diagnosis. 2015 , 252-257		0
52	Evolutionary Processes as Models for Exploratory Design. 2016 , 295-318		1
51	Biogeography-Based Optimization. 2019 , 27-49		1
50	Unsupervised Multichannel Equalization. 2018 , 169-208		
49	Hyper-Heuristic Approach for Improving Marker Efficiency. 2018 , 18, 348-363		
48	A Survey on Load Balancing in Cloud Systems for Big Data Applications. 2019 , 156-173		1
47	A Nonlinear Multiple Regression Model of Taste Sensor Data for Components in Sake. 2019 , 139, 45-53		

46	Adaptation, fitness landscape learning and fast evolution. <i>F1000Research</i> , 2019 , 8, 358	3.6	
45	Adaptation, fitness landscape learning and fast evolution. <i>F1000Research</i> , 2019 , 8, 358	3.6	1
44	Weight and price optimization of truss construction with using genetic algorithm. <i>Manufacturing Technology</i> , 2020 , 20, 270-275	0.7	
43	When Evolutionary Computing Meets Astro- and Geoinformatics. 2020 , 283-306		2
42	Impeller design and multi-stage architecture optimisation for turbocompressors operating with a helium-neon gas mixture. <i>International Journal of Gas Turbine, Propulsion and Power Systems</i> , 2020 , 11, 1-12	0.4	0
41	Developing the Performance of Tiling Arrays. 159-169		
40	Co-Evolutionary Algorithms Based on Mixed Strategy. 75-88		
39	Benchmarking Differential Evolution. 2005 , 135-187		
38	Evolutionary Modeling Using A Wiener Model. 2006 , 619-632		
37	Evolutionary Optimization of a Wiener Model. 2007 , 43-58		
36	Effective Learning with Heterogeneous Neural Networks. <i>Lecture Notes in Computer Science</i> , 2007 , 328-337	1	
35	Providing Intelligence to Evolutionary Computational Methods. 2007 , 473-481		
34	Genetic Algorithm in the Optimization of the Acoustic Attenuation Systems. 2007 , 614-621		
33	An adaptive nonlinear genetic algorithm for numerical optimization.		
32	Multimodal Genetic Algorithm with Phase Analysis to Solve Complex Equations of Electromagnetic Analysis. 2020 ,		
31	Analysis of bilinear hysteretic structures with nonlinear fluid viscous dampers using modified stochastic linearization technique. <i>Engineering Structures</i> , 2022 , 251, 113555	4.7	0
30	A temporal-spatial cleaning optimization method for photovoltaic power plants. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 49, 101691	4.7	
29	Modeling the dynamics of a changing range genetic algorithm in noisy environments. <i>Mathematics and Computers in Simulation</i> , 2022 , 194, 80-88	3.3	

28	Linear Genetic Programming-Based Controller for Space Debris Retrieval. 2020 ,		
27	Modeling and Optimization of Smart Building Energy Management System Considering Both Electrical and Thermal Load. <i>Energies</i> , 2022 , 15, 574	3.1	1
26	Manufacturability considerations in design optimisation of wave energy converters. <i>Renewable Energy</i> , 2022 , 187, 857-873	8.1	0
25	A bilevel game model for ascertaining competitive target prices for a buyer in negotiation with multiple suppliers. <i>RAIRO - Operations Research</i> , 2022 , 56, 293-330	2.2	0
24	Artificial selection methods from evolutionary computing show promise for directed evolution of microbes.		1
23	A Hybrid Approach for the Synthesis of Nonuniformly Spaced and Excited Linear Arrays with Strict Element Spacing Constraints. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
22	Neuro-semantic prediction of user decisions to contribute content to online social networks. <i>Neural Computing and Applications</i> ,	4.8	
21	Power System Small-Signal Stability Enhancement Using Damping Controllers Designed Based on Evolutionary Algorithms.		
20	Exploring Model of C4 Olefin Prepared by Ethanol Based on Random Forest and Genetic Algorithm. 2022 ,		
19	Optimal Design of MR Dampers by Considering Design Criteria and Dampers Distribution Effect.		1
18	Artificial selection methods from evolutionary computing show promise for directed evolution of microbes. 11,		0
17	Dynamic hybrid mechanism-based differential evolution algorithm and its application. 2023 , 213, 118834		10
16	Research of Hotspots and Emerging Trends in Swarm Intelligence (2013-2022): A Visualization Analysis based on Citespace. 2022 ,		0
15	Design limits for wave energy converters based on the relationship of power and volume obtained through multi-objective optimisation. 2022 ,		0
14	Synthesis of Clustered Concentric Ring Arrays through Joint Optimization of Multi-parameters. 2022 , 1-1		0
13	A parametric optimization approach for the initial design of FOWT's substructure and moorings in Brazilian deep-water fields. 2022 , 2362, 012025		0
12	Learning Control with Evolution Strategy for Inhomogeneous Open Quantum Ensembles. 2022 ,		0
11	A review on technological aspects of different PWM techniques and its comparison based on different performance parameters.		0

- 10 Phase-Transition Behaviors of Crystalline Hypophosphorous Acid and a Feasible Incommensurate Wave-like Array of the Proton Displacements from Each Center of Hydrogen Bonds along the 1-Dimensional Chain. **2023**, 127, 403-410 ○
- 9 An Improved Genetic Algorithm for Constrained Optimization Problems. **2023**, 11, 10032-10044 ○
- 8 Optimal Designs for Antoine Equation: Compound Criteria and Multi-Objective Designs via Genetic Algorithms. **2023**, 11, 693 ○
- 7 Computer Generation of Hypothetical Zeolites. **2023**, 145-172 ○
- 6 Genetic algorithms: theory, genetic operators, solutions, and applications. ○
- 5 An Energy-Aware Load Balancing Method for IoT-Based Smart Recycling Machines Using an Artificial Chemical Reaction Optimization Algorithm. **2023**, 16, 115 ○
- 4 An Efficient Hybrid of an Ant Lion Optimizer and Genetic Algorithm for a Model Parameter Identification Problem. **2023**, 11, 1292 ○
- 3 A methodology to quantify the neighborhood decay effect of urban cellular automata models. 1-28 ○
- 2 A Genetic Algorithm with Memory Function. **2022**, ○
- 1 A novel stochastic linearization technique for structures with nonlinear fluid viscous dampers including soil-structure interaction. **2023**, 72, 106668 ○