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#	Paper IF	Citations
1026	Convergence properties of non-crossover genetic algorithm.	2
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1024	A new approach to dynamics analysis of genetic algorithms without selection.	1
1023		2
1022	Using the Markov chain of the best individual to analyze convergence of genetic algorithms.	
1021	•	O
1020	An introduction to simulated evolutionary optimization. <i>IEEE Transactions on Neural Networks</i> , 1994 , 5, 3-14	822
1019	Theoretical analysis of evolutionary algorithms with an infinite population size in continuous space. Part I: Basic properties of selection and mutation. <i>IEEE Transactions on Neural Networks</i> , 1994 , 5, 102-19	88
1018		11
1017	. 1995 , 25, 655-659	142
1016	Genetic algorithm with alphabet optimization. <i>Biological Cybernetics</i> , 1995 , 73, 61-68	3
1015	An evolutionary approach to training relaxation labeling processes. 1995 , 16, 1069-1078	6
1014	On the mean convergence time for simple genetic algorithms.	3
1013	A hybrid algorithm using genetic algorithm and gradient-based algorithm for iterative microwave inverse scattering.	О
1012	Introduction. 1995 , 1-4	О
1011	Mathematical analysis of crossover operator in genetic algorithms and its improved strategy.	3
1010	A soft computing approach to hardware software codesign.	1

	9
A Comparison of Evolutionary Programming and Genetic Algorithms on Selected Constrained Optimization Problems. 1995 , 64, 397-404	76
Structure learning of Bayesian networks by genetic algorithms: a performance analysis of control parameters. 1996 , 18, 912-926	228
Learning Bayesian network structures by searching for the best ordering with genetic algorithms. 1996 , 26, 487-493	147
Rebuilding Connectivity Matrices from Two-Atom Fragments Using the Genetic Algorithm 1996, 36, 678-683	5
1004 Convergence of evolutionary algorithms in general search spaces.	52
1003 Using fitness distributions to design more efficient evolutionary computations.	25
1002 Encoding of PARCOR coefficients using fuzzy rules.	3
1001 Polygonal approximation using genetic algorithm.	3
1000 Mechanical inclusions identification by evolutionary computation. 1996 , 5, 619-648	15
999 Metaheuristics: A bibliography. 1996 , 63, 511-623	301
998 A theoretical analysis on mutation operator of standard genetic algorithm. 1996 , 1, 599-604	1
A theoretical analysis on mutation operator of standard genetic algorithm. 1996 , 1, 599-604 Constrained multiobjective global optimisation of longitudinal interconnected power system by genetic algorithm. 1996 , 143, 435	38
Constrained multiobjective global optimisation of longitudinal interconnected power system by	
Constrained multiobjective global optimisation of longitudinal interconnected power system by genetic algorithm. 1996 , 143, 435	38
Constrained multiobjective global optimisation of longitudinal interconnected power system by genetic algorithm. 1996 , 143, 435 Stochastic modelling of Genetic Algorithms. 1996 , 82, 303-330	38 9
Constrained multiobjective global optimisation of longitudinal interconnected power system by genetic algorithm. 1996 , 143, 435 Stochastic modelling of Genetic Algorithms. 1996 , 82, 303-330 Genetic algorithms with noisy fitness. 1996 , 23, 131-142	38 9

991	A new global optimizing algorithm for fuzzy neural networks. 1996 , 80, 393-403	2
990	Sonar image registration through symbolic matching: a fuzzy local transform approach using genetic algorithms.	3
989	A local approach for a fuzzy error function used in multilayer perceptron training through genetic algorithm.	
988	Application of domain evolution model-based genetic algorithm with fuzzy environment factor to system optimization.	
987		4
986	Evolutionary projection neural networks.	3
985	Evolutionary transition on Virus-Evolutionary Genetic Algorithm.	7
984	A genetic algorithm for the minimum weight triangulation.	1
983	A society of hill-climbers.	6
982	Degree of population diversity - a perspective on premature convergence in genetic algorithms and its Markov chain analysis. <i>IEEE Transactions on Neural Networks</i> , 1997 , 8, 1165-76	119
982 981		119
	its Markov chain analysis. <i>IEEE Transactions on Neural Networks</i> , 1997 , 8, 1165-76	
981	its Markov chain analysis. <i>IEEE Transactions on Neural Networks</i> , 1997 , 8, 1165-76 Functional partitioning for hardware-software codesign using genetic algorithms.	16
981 980	its Markov chain analysis. <i>IEEE Transactions on Neural Networks</i> , 1997 , 8, 1165-76 Functional partitioning for hardware-software codesign using genetic algorithms. Optimization Via Evolutionary Processes. 1997 , 155-196 On-line use of off-line derived mappings for iterative automatic target recognition tasks and a	16
981 980 979	its Markov chain analysis. <i>IEEE Transactions on Neural Networks</i> , 1997 , 8, 1165-76 Functional partitioning for hardware-software codesign using genetic algorithms. Optimization Via Evolutionary Processes. 1997 , 155-196 On-line use of off-line derived mappings for iterative automatic target recognition tasks and a particular class of hardware platforms. Constrained genetic algorithm-based computer-aided control system design-fixed versus variable	16 1
981 980 979 978	its Markov chain analysis. <i>IEEE Transactions on Neural Networks</i> , 1997 , 8, 1165-76 Functional partitioning for hardware-software codesign using genetic algorithms. Optimization Via Evolutionary Processes. 1997 , 155-196 On-line use of off-line derived mappings for iterative automatic target recognition tasks and a particular class of hardware platforms. Constrained genetic algorithm-based computer-aided control system design-fixed versus variable size population.	16 1 4
981 980 979 978 977	Functional partitioning for hardware-software codesign using genetic algorithms. Optimization Via Evolutionary Processes. 1997, 155-196 On-line use of off-line derived mappings for iterative automatic target recognition tasks and a particular class of hardware platforms. Constrained genetic algorithm-based computer-aided control system design-fixed versus variable size population. RBF neural network, basis functions and genetic algorithm.	16 1 4 1

973	Evolving computer programs without subtree crossover. 1997 , 1, 209-216	78
972	An alternative explanation for the manner in which genetic algorithms operate. 1997 , 41, 1-15	51
971	MBsbauer spectrum analysis by Evolution Algorithm. 1997 , 129, 527-533	49
970	Characteristic analysis and prevention on premature convergence in genetic algorithms. 1997 , 40, 113-125	5
969	Optimal tetrahedral mesh generation for three-dimensional point set. 1997 , 40, 135-143	
968	Global annealing genetic algorithm and its convergence analysis. 1997 , 40, 414-424	8
967	Mathematical analysis of mutation operator and its improved strategy in genetic algorithms. 1997 , 14, 154-158	
966	Online learning via congregational gradient descent. 1997 , 10, 331-363	6
965	Genetic algorithm parameter sets for line labelling. 1997 , 18, 1363-1371	17
964	Task Matching and Scheduling in Heterogeneous Computing Environments Using a Genetic-Algorithm-Based Approach. 1997 , 47, 8-22	234
963	A C3I Parallel Benchmark Based on Genetic Algorithms Implementation and Performance Analysis. 1997 , 47, 23-38	
962	Fuzzy knowledge-based genetic algorithms. 1997 , 103, 101-114	2
961	Registration area planning for PCS networks using genetic algorithms. 1998 , 47, 987-995	17
960	A new optimization algorithm based on the principle of evolution. 1998 , 15, 248-253	0
959	Convergence of simple genetic algorithms for the two-bit problem. 1998 , 46, 235-82	4
958	Linear analysis of genetic algorithms. 1998 , 200, 101-134	39
957	The improvement of localized corrosion resistance in sensitized stainless steel by laser surface remelting. 1998 , 102, 245-255	53
956	Performance evaluation of evolutionary class of algorithmsAn application to 01 knapsack	

955	Decentralized adaptive fuzzy control of robot manipulators. 1998, 28, 47-57	52
954	A further result on the Markov chain model of genetic algorithms and its application to a simulated annealing-like strategy. 1998 , 28, 95-102	42
953	Varying fitness functions in genetic algorithm constrained optimization: the cutting stock and unit commitment problems. 1998 , 28, 629-40	39
952	Analytical resolution and numerical identification of fuzzy relational systems. 1998 , 28, 919-24	9
951	An evolutionary strategy for global minimization and its Markov chain analysis. 1998 , 2, 77-90	36
950	A genetic algorithm for the multiple destination routing problems. 1998 , 2, 150-161	62
949	Parallel genetic simulated annealing: a massively parallel SIMD algorithm. 1998 , 9, 126-136	79
948	Synthesis of binary sequences with good auto- and crosscorrelation properties by GA.	O
947	Comments on "Theoretical analysis of evolutionary algorithms with an infinite population size in continuous space, part I: basic properties of selection and mutation". <i>IEEE Transactions on Neural Networks</i> , 1998 , 9, 341-2; author reply 342-3	2
946	The immune genetic algorithm and its convergence.	1
945	Evolution of neural networks for the detection of breast cancer.	4
944	Evolutionary search for minimal elements in partially ordered finite sets. 1998 , 345-353	17
943	Phase unwrapping by means of genetic algorithms. 1998 , 15, 407	17
942	Fuzzy Genetic Algorithms. 1998 , 403-459	1
941	Breast cancer screening using evolved neural networks.	О
940	FuGeNeSys-a fuzzy genetic neural system for fuzzy modeling. 1998 , 6, 373-388	112
939	Evolutionary optimization algorithm by entropic sampling. 1998 , 57, 3611-3617	4
938	Use of genetic algorithms for the vibroacoustic optimization of a plate carrying point-masses. 1998 , 104, 3385-3397	27

937	A hybrid neural-genetic multimodel parameter estimation algorithm. <i>IEEE Transactions on Neural Networks</i> , 1998 , 9, 862-76	17
936	Optimization of feedback gains for a hydraulic servo system by genetic algorithms. 1998 , 212, 395-401	2
935	Learning in genetic algorithms. 1998 , 268-279	1
934	Genetic algorithms for structural editing. 1998 , 159-168	3
933	An Investigation of PWB Layout by Genetic Algorithms to Maximize Fatigue Life. 1999 , 121, 31-36	12
932	Genetic Algorithms. 1999,	1
931		O
930	A PATTERN RECOGNITION APPROACH TO ROBUST VOICED/UNVOICED SPEECH CLASSIFICATION USING FUZZY LOGIC. 1999 , 13, 109-132	1
929	Genetic algorithm in optimal preventive part replacement for minimum downtime maintenance planning. 1999 , 2, 57-80	
928	Fitness distributions in evolutionary computation: motivation and examples in the continuous domain. 1999 , 54, 15-29	14
927	An evolutionary approach for time optimal trajectory planning of a robotic manipulator. 1999 , 113, 245-260	7
926	Genetic algorithms for optimized re-triangulation in the context of reverse engineering. 1999 , 31, 261-271	18
925	A new parallel-by-cell approach to undistorted data compression based on cellular automaton and genetic algorithm. 1999 , 14, 572-579	3
924	An introduction to genetic algorithms. 1999 , 24, 293-315	184
923	Discovering near-optimal pricing strategies for the deregulated electric power marketplace using genetic algorithms. 1999 , 27, 25-45	11
922	Efficient hybrid search for visual reconstruction problems. 1999 , 17, 37-49	10
921	A comparison study of static mapping heuristics for a class of meta-tasks on heterogeneous computing systems.	84
920	Use of computationally efficient method of moments in the optimization of printed antennas. 1999 , 47, 725-732	24

919	Fitness distributions in evolutionary computation: analysis of local extrema in the continuous domain.	1
918	Evolutionary algorithms for induction motor parameter determination. 1999 , 14, 447-453	43
917	Genetic K-means algorithm. 1999 , 29, 433-9	702
916	Inductive reasoning and bounded rationality reconsidered. 1999 , 3, 142-146	35
915	Theoretical comparisons of evolutionary computation and other optimization approaches.	3
914	Investigation of and preliminary results for the solution of the inter-observer variability problem using fine needle aspirate (FNA) data.	
913	The immune evolutionary algorithm.	
912	Fine-grained parallel genetic algorithm:a global convergence criterion. 1999 , 73, 139-155	7
911	Task scheduling on spacecraft by hybrid genetic algorithms.	О
910	Simulated annealing genetic hybrid algorithm and its applications.	
909	Genetic algorithms for ambiguous labelling problems. 2000 , 33, 685-704	22
908	Fixed-order H2 and HDptimal deconvolution filter designs. 2000 , 80, 311-331	20
907	A novel genetic algorithm preventing premature convergence by chaos operator. 2000, 7, 100-103	4
906	The faster higher-order cellular automaton for hyper-parallel undistorted data compression. 2000 , 15, 126-135	3
905	A knowledge discovery algorithm based on genetic algorithm.	
904	Shop floor production community design: artificial agents based approach.	1
903	A study on the convergence of MEBML algorithms.	О
902	Convergence properties of incremental Bayesian evolutionary algorithms with single Markov chains.	O

901	The application of GA in fractal image compression.	1
900	Premature convergence in genetic algorithm: analysis and prevention based on chaos operator.	6
899	Genetic algorithm-based optimum design of radar multi-segment detection processor.	
898	Improved crossover strategy of genetic algorithms and analysis of its performance.	
897		1
896	A novel genetic algorithm based on immunity. 2000 , 30, 552-561	251
895	Genetic algorithm approach to fixed-order mixed H/sub 2//H/sub /spl infin// optimal deconvolution filter designs. 2000 , 48, 3451-3461	17
894	Enhanced Genetic Algorithm for Signal-Timing Optimization of Oversaturated Intersections. 2000 , 1727, 32-41	73
893	Mind-evolution-based machine learning: an efficient approach of evolution computation.	3
892	First results on formal comparison of several stochastic optimization algorithms.	
891	Immune evolutionary algorithms.	2
890	Convergence properties of some multi-objective evolutionary algorithms.	74
889	A novel genetic algorithim based on immunity.	1
888	Diagnosis of array faults from far-field amplitude-only data. 2000 , 48, 647-652	48
887	A novel iron loss reduction technique for distribution transformers based on a combined genetic algorithm - neural network approach. 2001 , 31, 16-34	31
886	. 2001 , 23, 786-799	12
885	A new model of simulated evolutionary computation-convergence analysis and specifications. 2001 , 5, 3-16	26
884	Theoretical analysis of creative methods.	

883	Convergence rates for a class of evolutionary algorithms with elitist strategy. 2001 , 21, 531-540	3
882	Mutation-Selection Algorithm: a Large Deviation Approach. 2001 , 227-240	3
881	Eat de l'art des mEhodes El'optimisation globale [12001, 35, 329-365]	7
880	Approximating and simulating the stochastic growth model: Parameterized expectations, neural networks, and the genetic algorithm. 2001 , 25, 1273-1303	32
879	Genetic algorithms for the identification of additive and innovation outliers in time series. 2001, 37, 1-12	18
878	Theory of genetic algorithms. 2001 , 259, 1-61	302
877	An effective hybrid optimization strategy for job-shop scheduling problems. 2001 , 28, 585-596	185
876	Least-commitment graph matching with genetic algorithms. 2001 , 34, 375-394	20
875	Conditions for the convergence of evolutionary algorithms. 2001 , 47, 601-612	38
874	Heat treatment optimization for 7175 aluminum alloy by evolutionary algorithm. 2001 , 17, 139-141	3
873	A Comparison of Eleven Static Heuristics for Mapping a Class of Independent Tasks onto Heterogeneous Distributed Computing Systems. 2001 , 61, 810-837	1055
872	An equivalent genetic algorithm based on extended strings and its convergence analysis. 2001 , 138, 119-135	8
871	The effective properties of a perforated elastic plate Numerical optimization by genetic algorithm. 2001 , 38, 8593-8616	25
870	Cell image segmentation with kernel-based dynamic clustering and an ellipsoidal cell shape model. 2001 , 34, 67-73	27
869	Simulated Evolutionary Optimization and Local Search: Introduction and Application to Tree Search. 2001 , 17, S12-S25	13
868	A Parallel Genetic Algorithm for Cell Image Segmentation. 2001 , 46, 214-224	11
867	Effcient Local Search in Conceptual Clustering. 2001 , 323-335	10
866	Computable bounds on the rate of convergence in evolutionary computation. 2001 ,	О

865	An improved genetic algorithm and its performance analysis.	O
864	An analysis of two-parent recombinations for real-valued chromosomes in an infinite population. 2001 , 9, 283-308	26
863	Theoretical analysis of mutation-adaptive evolutionary algorithms. 2001 , 9, 127-46	23
862	Modeling the circulating fluidized bed boiler using RBF-NN based on immune genetic algorithm.	5
861	Feedback penalty function based on genetic algorithm.	3
860	Order-based genetic algorithm for flow shop scheduling.	3
859	Discrete Backtracking Adaptive Search for Global Optimization. 2002, 147-174	3
858	The improvement of genetic algorithm searching performance.	3
857	Study of chaos genetic algorithms and its application in neural networks.	4
856	An immune genetic algorithm based on immune regulation.	O
855	Computable rate of convergence in evolutionary computation.	
854	A novel genetic algorithm based on multi-species.	
853	Improvement on regulating definition of antibody density of immune algorithm. 2002,	3
852	Evolutionary approaches for statistical modelling.	3
851	On the similarities between binary-coded GA and real-coded GA in wide search space.	1
850	A genetic algorithm for the degree-constrained multicasting problem.	1
849	Adaptive niche hierarchy genetic algorithm.	О
848	Convergence of a New Evolutionary Computing Algorithm in Continuous State Space. 2002 , 79, 27-37	1

847	An Introduction to Evolutionary Algorithms. 2002 , 3-25	
846	Maximum likelihood parameter estimation of F-ARIMA processes using the genetic algorithm in the frequency domain. 2002 , 50, 2208-2220	18
845	Gene SPILL: an evolutionary algorithm based on bacterial gene exchange.	
844	Linkage beforehand procesing and genetic stream.	
843	Genetic Algorithm Based Parameter Identification of a Nonlinear Full Vehicle Ride Model. 2002,	4
842	A parallel search genetic algorithm based on multiple peak values and multiple rules. 2002 , 129, 539-544	8
841	The study of gas sensor array signal processing with new genetic algorithms. 2002, 87, 437-441	12
840	How to analyse evolutionary algorithms. 2002 , 287, 101-130	84
839	Parameter identification for no-coupling SACS motor testing.	
838	Drift analysis in studying the convergence and hitting times of evolutionary algorithms: An overview. 2003 , 8, 143-154	
837	Do search and selection operators play important roles in Multi-objective Evolutionary Algorithms: A case study. 2003 , 8, 195-201	
836	Automatic target detection by optimal morphological filters. 2003 , 18, 29-40	5
835	Stochastic analysis and convergence velocity estimation of genetic algorithms. 2003, 10, 58-63	1
834	A faster, more reliable solver of regular-grid TSPs: single value threshold accepting. 2003 , 22, 1-11	
833	Stability of asynchronous dynamical systems with rate constraints and applications. 2003, 150, 546-550	40
832	On the intersubject generalization ability in extracting kinematic information from afferent nervous signals. 2003 , 50, 1063-73	33
831	A genetic algorithm based approach to route selection and capacity flow assignment. 2003, 26, 961-974	13
830	Multiresolution genetic clustering algorithm for texture segmentation. 2003 , 21, 955-966	13

(2004-2003)

829	Fuzzy model predictive control of non-linear processes using genetic algorithms. 2003 , 139, 59-80	74
828	Application of a mixed simulated annealing-genetic algorithm heuristic for the two-dimensional orthogonal packing problem. 2003 , 145, 530-542	67
827	Directed variation in evolution strategies. 2003 , 7, 356-366	8
826	A stop criterion to accelerate magnetic optimization process using genetic algorithms and finite element analysis. 2003 , 39, 1297-1300	4
825	An Introduction to Evolutionary Computation for Biologists. 2003 , 19-38	3
824	A maximum likelihood function approach to direction estimation based on evolutionary algorithms.	
823	Rate of convergence in evolutionary computation.	2
822	The Theory and Practice of Simulated Annealing. 2003 , 287-319	149
821	On the connection between the no free lunch theorem and the trivial property for recursively enumerable languages.	3
820	Evolutionary Computation. 2003 , 27-53	1
819	Genetic algorithm for parameter identification of SACS motor testing.	
818	An analysis of convergence of MEC by the properties of operations.	
817	Stochastic search, optimization, and the simultaneous perturbation algorithm - a tutorial.	
816	New adaptive genetic algorithm based on ranking.	2
815		1
814	Asymptotic Convergence of Scaled Genetic Algorithms to Global Optima. 2004 , 157-200	6
813	On Stopping Criteria for Genetic Algorithms. 2004 , 405-413	45
812	Parallelization of time series forecasting model. 2004,	2

811	Genetically-designed neural networks for error reduction in an optimized biomechanical model of the human elbow joint complex. 2004 , 7, 43-50	3
810		27
809	Introduction to Genetic Algorithms for Engineering Optimization. 2004, 13-51	9
808	THE LIGHTWEIGHT GENETIC SEARCH ALGORITHM: AN EFFICIENT GENETIC ALGORITHM FOR SMALL SEARCH RANGE PROBLEMS. 2004 , 05, 639-663	2
807	Airborne multi-spectral images registration through genetic algorithm.	1
806	Finding the optimal gene order for genetic algorithm.	
805	On designing CO\$T: a new approach and programming environment for distributed problem solving based on evolutionary computation and anytime algorithms.	3
804	Improved genetic algorithm for estimation of parameters of demand functions.	
803	Hybrid Meta-Heuristic Algorithm for the Simultaneous Optimization of the OD Trip Matrix Estimation. 2004 , 19, 421-435	21
802	A new model for time-series forecasting using radial basis functions and exogenous data. 2004 , 13, 101-111	19
801	Thomas Hanne. 2004 , 12, 70-76	1
801	The ordinal optimisation of genetic control parameters for flow shop scheduling. 2004 , 23, 812	3
800	The ordinal optimisation of genetic control parameters for flow shop scheduling. 2004 , 23, 812 An adaptive genetic algorithm with diversity-guided mutation and its global convergence property.	3
800 799	The ordinal optimisation of genetic control parameters for flow shop scheduling. 2004, 23, 812 An adaptive genetic algorithm with diversity-guided mutation and its global convergence property. 2004, 11, 323-327 Theory of Genetic Algorithms II: models for genetic operators over the string-tensor representation of populations and convergence to global optima for arbitrary fitness function	3 17
800 799 798	The ordinal optimisation of genetic control parameters for flow shop scheduling. 2004, 23, 812 An adaptive genetic algorithm with diversity-guided mutation and its global convergence property. 2004, 11, 323-327 Theory of Genetic Algorithms II: models for genetic operators over the string-tensor representation of populations and convergence to global optima for arbitrary fitness function under scaling. 2004, 310, 181-231 Fuzzy nonlinear programming for mixed-discrete design optimization through hybrid genetic	3 17 82
800 799 798 797	The ordinal optimisation of genetic control parameters for flow shop scheduling. 2004, 23, 812 An adaptive genetic algorithm with diversity-guided mutation and its global convergence property. 2004, 11, 323-327 Theory of Genetic Algorithms II: models for genetic operators over the string-tensor representation of populations and convergence to global optima for arbitrary fitness function under scaling. 2004, 310, 181-231 Fuzzy nonlinear programming for mixed-discrete design optimization through hybrid genetic algorithm. 2004, 146, 167-186	3 17 82 22

793	A genetic algorithm based on quantum chromosome.	2
792	Hybridizing Genetic Algorithms with ICA in Higher Dimension. 2004 , 414-421	8
791	On stability of fixed points of limit models of univariate marginal distribution algorithm and factorized distribution algorithm. 2004 , 8, 80-93	49
790	On the convergence of a class of estimation of distribution algorithms. 2004 , 8, 127-136	148
789	A multiagent genetic algorithm for global numerical optimization. 2004 , 34, 1128-41	255
788	The role of completeness in convergence of evolutionary algorithms.	1
787	Asymptotic Convergence of Some Metaheuristics Used for Multiobjective Optimization. 2005, 95-111	4
786	Non-sequential multiscale content-based video decomposition. 2005 , 85, 325-356	2
7 ⁸ 5	Genetic algorithm for constrained global optimization in continuous variables. 2005, 171, 604-636	28
784	Assessing the predictive performance of artificial neural network-based classifiers based on different data preprocessing methods, distributions and training mechanisms. 2005 , 13, 217-250	2
783	Global optimization for overall HVAC systems P art II problem solution and simulations. 2005 , 46, 1015-1028	58
782	Ordinal optimisation of genetic control parameters for flow shop scheduling. 2005 , 26, 1414-1420	2
781	Toward a theory of evolutionary computation. 2005 , 82, 1-19	29
780	Global and Local Search Algorithms for Concave Cost Transshipment Problems. 2005 , 33, 123-156	12
779	A Novel Classifier with the Immune-Training Based Wavelet Neural Network. 2005, 8-13	2
778	Tournament Selection, Iterated Coupon-Collection Problem, and Backward-Chaining Evolutionary Algorithms. 2005 , 132-155	21
777	On the stationary distribution of GAs with fixed crossover probability. 2005,	3
776	Local and global order 3/2 convergence of a surrogate evolutionary algorithm. 2005,	10

775	Holographic diffuser design using a modified genetic algorithm. 2005 , 44, 085801	8
774	Combined optimization of pipes and control valves in water distribution networks. 2005 , 43, 668-677	14
773	•	5
772	Formal basis for algorithm comparisons in stochastic optimization.	
771	Simulated Annealing Based-GA Using Injective Contrast Functions for BSS. 2005 , 585-592	2
770	Study and application of improved hierarchy genetic algorithm based on adaptive niches. 2005,	O
769	On the convergence of multi-parent genetic algorithms.	1
768	Guided GA-ICA Algorithms. 2005, 943-948	
767	Theoretical comparisons of search dynamics of genetic algorithms and evolution strategies.	2
766	A Markov chain analysis of genetic algorithms with individuals having different birth and survival rates. 2005 , 37, 571-589	4
765	A Heuristic Immune-Genetic Algorithm for Multimodal Function Optimization.	
764	Your Fuzzy Relational Neural Network Parameters Optimization with a Genetic Algorithm.	4
763	Path Planning Based on A New Genetic Algorithm.	1
762	Modified genetic algorithm based feature subset selection in intrusion detection system.	
761	Multi-objective differential evolution - algorithm, convergence analysis, and applications.	О
760	Modeling and convergence analysis of a continuous multi-objective differential evolution algorithm.	4
759	A genetic scheduling methodology for virtual cellular manufacturing systems: an industrial application. 2005 , 43, 2423-2450	17
758	Mixed-Discrete Fuzzy Multiobjective Programming for Engineering Optimization Using Hybrid Genetic Algorithm. 2005 , 43, 1580-1590	1

757 Mixed-Discrete Multiobjective Optimization of Fuzzy Systems. **2006**,

756	A Genetic Algorithm for Solving BSS-ICA. 2006 , 389-398	
755	Can the Genetic Algorithm Be a Good Tool for Software Engineering Searching Problems?. 2006,	5
754	OR/AND neurons and the development of interpretable logic models. <i>IEEE Transactions on Neural Networks</i> , 2006 , 17, 636-58	14
753	Bounds for probability of success of classical genetic algorithm based on hamming distance. 2006 , 10, 1-18	3
752	A novel evolution strategy algorithm based on the selected direction by the polar coordinates.	
751	A multiagent evolutionary algorithm for constraint satisfaction problems. 2006, 36, 54-73	64
75°	Classification of adaptive memetic algorithms: a comparative study. 2006 , 36, 141-52	362
749	Machine intelligence. 2006 , 9, 12-16	2
748	Recognition and Predicting Lava Underground Based on High Speed and Precise Genetic Algorithm Neural Network. 2006 ,	
747	On Convergence Rate of a Class of Genetic Algorithms. 2006 ,	9
746	GLOBAL OPTIMIZATION: APPLICATIONS TO ADVANCED REFLECTOR ANTENNAS SYNTHESIS AND DIAGNOSIS TECHNIQUES. 2006 , 56, 195-232	17
745	. 2006,	5
744	An effective genetic algorithm for circularity error unified evaluation. 2006, 46, 1770-1777	47
743	Backward-chaining evolutionary algorithms. 2006 , 170, 953-982	23
742	Static allocation of resources to communicating subtasks in a heterogeneous ad hoc grid environment. 2006 , 66, 600-611	45
741	A novel hysteretic model for magnetorheological fluid dampers and parameter identification using particle swarm optimization. 2006 , 132, 441-451	200
740	Converging Marriage in Honey-Bees Optimization and Application to Stochastic Dynamic Programming. 2006 , 35, 423-441	31

739	Asymptotic convergence of metaheuristics for multiobjective optimization problems. 2006 , 10, 1001-1005	24
738	Genetic algorithms in mesh optimization for visualization and finite element models. 2006 , 15, 366-372	1
737	A Markov analysis of social learning and adaptation. 2006 , 16, 299-319	6
736	Multi-sensor fusion: an Evolutionary algorithm approach. 2006 , 7, 304-330	30
735	Optimizing blind source separation with guided genetic algorithms. 2006 , 69, 1442-1457	6
734	Evolutionary optimization techniques as versatile solvers for hard-to-converge problems in computational fluid dynamics. 2006 , 52, 321-354	5
733	Study on the Identification of Loading Materials for Initiating Explosive Device. 2006,	
732	An Analysis about the Asymptotic Convergence of Evolutionary Algorithms. 2006,	
731	An Improved Multimodal Artificial Immune Algorithm and its Convergence Analysis. 2006,	7
730	Multi-Objective Design of Neuro-Fuzzy Controllers for Robot Behavior Coordination. 2006 , 557-584	3
729	A Novel Genetic Algorithm Based on Gene Therapy Theory. 2006 , 28, 253-262	9
728	Optimum M-sequence Search via Immune Clonal Selection Algorithm. 2006 ,	1
727	The Optimization Speed of Eitist Evolutionary Algorithms in Off-Line EHW. 2006,	0
726	Investigation Of A New Genetic Algorithm Designed For System-On-Chip Realization.	
725	. 2006,	1
724	Population fitness probability for effectively terminating the evolution operations of a genetic algorithm.	
723	Formal Models in Web Based Contracting. 2006,	2
722	The influence of squat depth on maximal vertical jump performance. 2007 , 25, 193-200	57

(2007-2007)

721	Performance analysis of an evolutionary algorithm for fault detection in t-diagnosable multi-processor systems. 2007 , 22, 387-404	1
720	A Clause Learning Algorithm Combining Immune Mechanism to Invent Predicate. 2007,	O
719	A Novel Immune Genetic Algorithm-Based PID Controller Design and Its Application to CIP-I Intelligent Leg. 2007 ,	2
718	A New Multi-modal Immune Algorithm and its Complete Convergence Analysis. 2007,	
717	A Novel Immunity-Growth Genetic Algorithm for Traveling Salesman Problem. 2007,	0
716	Genetic Algorithm Based on Classification for the Traveling Salesman Problem. 2007,	
715	A Novel Genetic Algorithm Based on Individual and Gene Diversity Maintaining and Its Simulation. 2007 ,	1
714	Theoretical analysis of selection operator in Genetic Algorithms. 2007,	
713	Improved Cultural Algorithm based on Genetic Algorithm. 2007,	11
712	Blind Separation of Positive Signals by Using Genetic Algorithm. 2007 , 741-750	
711	A new genetic algorithm specifically based on mutation and selection. 2007, 39, 141-161	6
710	The Harmonious Evolution of Ethnic Group Algorithm. 2007,	O
709	A QoS Multicast Routing Algorithm for Wireless Mesh Networks. 2007,	12
708	A novel evolutionary approach for optimizing content-based image indexing algorithms. 2007, 37, 139-53	51
707	GA-Hardness of Aerodynamic Optimization Problems: Analysis and Proposed Cures. 2007,	2
706	Algorithm of Fast Marriage in Honey Bees Optimization and Convergence Analysis. 2007,	17
705	Parallel Growing SOM Monitored by Genetic Algorithm. 2007,	3

703	Trajectory generation based on a steady-state genetic algorithm for imitative learning of a partner robot. 2007 ,	О
702	Self-organizing and self-evolving neurons: a new neural network for optimization. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 385-96	31
701	A foundational study on the applicability of genetic algorithm to software engineering problems. 2007 ,	2
700	An Improved Genetic Algorithm with Limited Iteration for Grid Scheduling. 2007,	12
699	Improved genetic identification algorithms on moisture absorption and desorption on building materials surface. 2007 ,	
698	A genetic weighted k-means algorithm for clustering gene expression data. 2007,	1
697	Algorithm of Marriage in Honey Bees Optimization Based on the Wolf Pack Search. 2007,	57
696	A new genetic algorithm specifically based on mutation and selection. 2007 , 39, 141-161	4
695	Robust optimization 🖪 comprehensive survey. 2007 , 196, 3190-3218	1008
694	A genetic algorithm approach to a nurse rerostering problem. 2007 , 34, 667-691	70
693	The effect of multiple optima on the simple GA run-time complexity. 2007 , 178, 27-45	5
692	A self-adaptive migration model genetic algorithm for data mining applications. 2007 , 177, 4295-4313	59
691	Apple color grading based on organization feature parameters. 2007 , 28, 2046-2053	47
690	Bouc-Wen model parameter identification for a MR fluid damper using computationally efficient GA. 2007 , 46, 167-79	156
689	Hardware implementation of a novel genetic algorithm. 2007 , 71, 95-106	8
688	Improving crossover operator for real-coded genetic algorithms using virtual parents. 2007, 13, 265-314	17
687	A genetically optimized level set approach to segmentation of thyroid ultrasound images. 2007 , 27, 193-203	28
686	Time complexity of evolutionary algorithms for combinatorial optimization: A decade of results. 2007 , 4, 281-293	139

(2008-2007)

685	A general steady state distribution based stopping criteria for finite length genetic algorithms. 2007 , 176, 1436-1451	18
684	A genetic algorithm for energy-efficient based multicast routing on MANETs. 2008 , 31, 2632-2641	25
683	A GA-based UWB pulse waveform design method. 2008 , 18, 65-74	11
682	A performance study of multiprocessor task scheduling algorithms. 2008 , 43, 77-97	46
681	Scope of stationary multi-objective evolutionary optimization: a case study on a hydro-thermal power dispatch problem. 2008 , 41, 479-515	18
680	Elitism-based immune genetic algorithm and its application to optimization of complex multi-modal functions. 2008 , 15, 845-852	11
679	An effective parameter extraction method based on memetic differential evolution algorithm. 2008 , 39, 1761-1769	14
678	A new approach to estimating the expected first hitting time of evolutionary algorithms. 2008 , 172, 1809-18	832 ₅₃
677	A genetic algorithm for energy-efficient based multicast routing on MANETs. 2008, 31, 858-869	26
676	Genetic local search for multicast routing with pre-processing by logarithmic simulated annealing. 2008 , 35, 2049-2070	16
675	The strongest schema learning GA and its application to multilevel thresholding. 2008, 26, 716-724	38
674	A genetic algorithm approach to the spectral estimation of time series with noise and missed observations. 2008 , 178, 4632-4643	21
673	Predicting item exposure parameters in computerized adaptive testing. 2008, 61, 75-91	2
672	Development of an Estimation Procedure for an Activity-Based Travel Demand Model. 2008 , 23, 483-501	27
671	A Genetic-Programming-Based Method for Hyperspectral Data Information Extraction: Agricultural Applications. 2008 , 46, 2446-2457	19
670	Genetic weighted k-means algorithm for clustering large-scale gene expression data. 2008 , 9 Suppl 6, S12	26
669	A population-based artificial immune system for numerical optimization. 2008 , 72, 149-161	39
668	Introduction to Evolutionary Multiobjective Optimization. 2008 , 59-96	34

667	Comparing the ability of a genetic algorithm based clustering analysis and a physically based dynamic vegetation model to predict vegetation distribution. 2008 , 113,	1
666	On fuzzy sliding mode guidance based on self-adaptive genetic annealing algorithm. 2008,	
665	Properties of nucleon resonances by means of a genetic algorithm. 2008 , 77,	13
664	H_infinity robust controller design for a certain helicopter🛭 lateral motion using genetic algorithm. 2008 ,	O
663	Design and application of PID controller based improved artificial immune algorithm. 2008,	1
662	A Genetic Algorithm for Finding Minimal Multi-homogeneous B½out Number. 2008,	O
661	Short-Term and Long-Term Computing Models of Internet Diameter. 2008,	1
660	Genetic Support Vector Classification and Feature Selection. 2008,	1
659	Deriving evaluation metrics for applicability of genetic algorithms to optimization problems. 2008,	
658	A Hybrid Genetic Learning Algorithm for Pi-Sigma Neural Network and the Analysis of Its Convergence. 2008 ,	15
657	Theoretic Analysis of Multi-modal Immune Algorithm. 2008,	
656	MOGA-based coordinated turning control laws design for a certain helicopter. 2008,	
655	A GA-BASED APPROACH TO OPTIMIZING COMBINATIONAL QUERIES IN SCDL. 2008 , 02, 273-289	4
654	A Point Symmetry-Based Clustering Technique for Automatic Evolution of Clusters. 2008 , 20, 1441-1457	100
653	Theoretical analysis of genetic algorithms in noisy environments based on a Markov Model. 2008,	7
652	A Genetic Algorithm Convergence and Models for Eigenstructure Assignment via Linear Quadratic Regulator (LQR). 2008 , 6, 1-9	3
651	A local search heuristic for bounded-degree minimum spanning trees. 2008 , 40, 1115-1135	5
650	Polynomial modeling and optimization for colorimetric characterization of scanners. 2008 , 17, 043002	15

(2009-2008)

649	Convergence analysis of quantum-inspired genetic algorithms with the population of a single individual. 2008 ,	3
648	Empirical analysis of a genetic algorithm-based stress test technique. 2008,	12
647	Robust Power Control for CDMA Cellular Communication Systems via H2 Optimal Theory. 2008,	2
646	Research on fuzzy guidance law based on self-adaptive Genetic Annealing Algorithm. 2008,	Ο
645	Convergent analysis on evolutionary algorithm with non-uniform mutation. 2008,	8
644	Genetic optimization algorithm on PID decoupling controller for variable flow heating system. 2008	2
643	. 2008,	
642	On convergence of Evolutionary Negative Selection Algorithms for anomaly detection. 2008,	
641	Research on a Computing Model for Internet Efficiency Index. 2008,	
640	The research on selection of attack target for arm. 2008,	
639	A Multi-objective Evolutionary Algorithm of Marriage in Honey Bees Optimization Based on the Local Particle Swarm Optimization. 2008 , 41, 12330-12335	1
638	Survey on computational complexity with phase transitions and extremal optimization. 2009,	11
637	Evolutionary automata as foundation of evolutionary computation: Larry Fogel was right. 2009,	4
636	A New Improved Genetic Algorithms and its Property Analysis. 2009 ,	Ο
635	A chaos genetic simulated annealing hybrid algorithm. 2009 ,	
634	Optimal path planning in Rapid Prototyping based on genetic algorithm. 2009,	8
633	Transformer Oil Dissolved Gas Concentration Prediction Based on Genetic Algorithm and Improved Gray Verhulst Model. 2009 ,	3
632	An Improved Genetic Algorithm Based on Subdivision Theory. 2009 ,	

631	An improved rank-based genetic algorithm with limited iterations for grid scheduling. 2009,	5
630	Design of an Underactuated Compliant Gripper for Surgery Using Nitinol. 2009 , 3,	25
629	(C+M) Evolution Algorithm Analysis Based on Optimization Measurement Principle. 2009,	0
628	The Convergence Analysis of Genetic Algorithm Based on Space Mating. 2009,	2
627	The effect of crossover on evolution ability of population. 2009,	
626	Embedded self-adaptation to escape from local optima. 2009,	
625	The Research of the Logistics Distribution Routing Optimization Based on Immune Genetic Algorithm. 2009 ,	
624	Digital ecosystems. 2009 ,	8
623	A memetic approach to the automatic design of high-performance analog integrated circuits. 2009 , 14, 1-24	23
622	. 2009,	5
621	Transformer Design Optimization. 2009 , 331-376	
620	A method for extracting temporal parameters based on hidden Markov models in body sensor networks with inertial sensors. 2009 , 13, 1019-30	32
620 619		3 ²
	networks with inertial sensors. 2009 , 13, 1019-30 Evolutionary Optimization of Dynamics Models in Sequential Monte Carlo Target Tracking. 2009 ,	
619	networks with inertial sensors. 2009 , 13, 1019-30 Evolutionary Optimization of Dynamics Models in Sequential Monte Carlo Target Tracking. 2009 , 13, 879-894 Identity disclosure protection: A data reconstruction approach for privacy-preserving data mining.	7
619 618	networks with inertial sensors. 2009, 13, 1019-30 Evolutionary Optimization of Dynamics Models in Sequential Monte Carlo Target Tracking. 2009, 13, 879-894 Identity disclosure protection: A data reconstruction approach for privacy-preserving data mining. 2009, 48, 133-140	7 27
619 618 617	networks with inertial sensors. 2009, 13, 1019-30 Evolutionary Optimization of Dynamics Models in Sequential Monte Carlo Target Tracking. 2009, 13, 879-894 Identity disclosure protection: A data reconstruction approach for privacy-preserving data mining. 2009, 48, 133-140 Can we predict crashes? The case of the Brazilian stock market. 2009, 388, 1603-1609	7 27 15

(2009-2009)

613	Genetic optimization algorithm of PID decoupling control for VAV air-conditioning system. 2009 , 15, 308-314	7
612	Analog circuit optimization system based on hybrid evolutionary algorithms. 2009 , 42, 137-148	84
611	Fuzzy-model-based hybrid predictive control. 2009 , 48, 24-31	22
610	Global optimization based on novel heuristics, low-discrepancy sequences and genetic algorithms. 2009 , 196, 413-422	40
609	Fuzzy Solutions to Partial Differential Equations: Adaptive Approach. 2009 , 17, 116-127	44
608	Parameter Estimation and its Sensitivity Analysis of the MR Damper Hysteresis Model Using a Modified Genetic Algorithm. 2009 , 20, 2089-2100	28
607	Evolutionary Multiobjective Optimization in Materials Science and Engineering. 2009, 24, 119-129	90
606	An improved genetic algorithm for the flowshop scheduling problem. 2009 , 47, 233-249	37
605	Evolutionary optimization as applied to inverse scattering problems. 2009 , 25, 123003	241
604	A new method of ISAR motion compensation based on genetic algorithm. 2009,	
004	A new method of isak motion compensation based on genetic algorithm. 2009,	
603	The Optimum Design of Multistage Multirate FIR Filter for Audio Signal Sampling Rate Conversion via a Genetic Algorithm Approach. 2009 ,	3
, i	The Optimum Design of Multistage Multirate FIR Filter for Audio Signal Sampling Rate Conversion	3
603	The Optimum Design of Multistage Multirate FIR Filter for Audio Signal Sampling Rate Conversion via a Genetic Algorithm Approach. 2009 ,	
603	The Optimum Design of Multistage Multirate FIR Filter for Audio Signal Sampling Rate Conversion via a Genetic Algorithm Approach. 2009, Convergence Analysis of Metaheuristics. 2009, 159-187 Dise® Simultileo de Proceso y Control de una Torre Sulfitadora de Jugo de Ca® de Az®ar. 2009,	15
603	The Optimum Design of Multistage Multirate FIR Filter for Audio Signal Sampling Rate Conversion via a Genetic Algorithm Approach. 2009, Convergence Analysis of Metaheuristics. 2009, 159-187 DiseB Simultileo de Proceso y Control de una Torre Sulfitadora de Jugo de CaB de Azcar. 2009, 6, 32-43	15
603 602 601	The Optimum Design of Multistage Multirate FIR Filter for Audio Signal Sampling Rate Conversion via a Genetic Algorithm Approach. 2009, Convergence Analysis of Metaheuristics. 2009, 159-187 Diseë Simultileo de Proceso y Control de una Torre Sulfitadora de Jugo de Caë de Azcar. 2009, 6, 32-43 An Improved Genetic Algorithm Based on Van Der Laan-Talman Algorithm. 2009,	15 5
603 602 601 600	The Optimum Design of Multistage Multirate FIR Filter for Audio Signal Sampling Rate Conversion via a Genetic Algorithm Approach. 2009, Convergence Analysis of Metaheuristics. 2009, 159-187 Dise® Simultileo de Proceso y Control de una Torre Sulfitadora de Jugo de Ca® de Az®ar. 2009, 6, 32-43 An Improved Genetic Algorithm Based on Van Der Laan-Talman Algorithm. 2009, Rank-Based Genetic Algorithm with Limited Iteration for Grid Scheduling. 2009,	15 5 7

595	A Distributed Hidden Markov Model for Fine-grained Annotation in Body Sensor Networks. 2009,	16
594	Modeling and Analysis of the Population-Dynamics of Differential Evolution Algorithm. 2009 , 111-135	1
593	. 2009 , 39, 680-691	82
592	A pheromone-rate-based analysis on the convergence time of ACO algorithm. 2009 , 39, 910-23	28
591	Dynamic Population-Based Particle Swarm Optimization Combined with Crossover Operator. 2009,	2
590	Intelligent Arithmetic for the State Evaluation Feature Selection and Optimize. 2009,	
589	Optimal Spatial Searching Based on Advanced Genetic Algorithm and GIS. 2009,	
588	On a Model of Internet Topology Structure. 2009 ,	O
587	Optimization of Multilateral Well Design and Location in a Real Field Using a Continuous Genetic Algorithm. 2010 ,	18
586	The immune genetic algorithm in fault diagnosis of modern power system. 2010 ,	1
585	A novel fault diagnosis technology and its application based on neural network multi-sensor information fusion. 2010 ,	
584	Improved anycast QoS routing algorithm based on genetic algorithm. 2010 ,	1
583	A pseudo genetic algorithm. 2010 , 19, 77-83	9
582	One-stage R&D portfolio optimization with an application to solid oxide fuel cells. 2010 , 1, 141-163	5
581	About the convergence rates of a class of gene expression programming. 2010 , 53, 715-728	8
580	Long-Term Stochastic Reservoir Operation Using a Noisy Genetic Algorithm. 2010 , 24, 3159-3172	18
579	Theoretical results in genetic programming: the next ten years?. 2010 , 11, 285-320	41
578	Optimisation of multi-frequency microstrip antenna using genetic algorithm coupled with method of moments. 2010 , 4, 477	6

(2010-2010)

577	Enhanced RBF Network for Recognizing Noise-Riding Power Quality Events. 2010 , 59, 1550-1561	28
576	Measuring the Collective Potential of Populations From Dynamic Social Interaction Data. 2010 , 4, 677-686	4
575	Spectral clustering with eigenvector selection based on entropy ranking. 2010 , 73, 1704-1717	33
574	Fixed-order optimal deconvolution filter with irregular missing data. 2010 , 24, 311-321	2
573	Multiobjective evolutionary algorithms for context-based search. 2010 , 61, n/a-n/a	0
572	Practical performance models of algorithms in evolutionary program induction and other domains. 2010 , 174, 1254-1276	22
571	Operator context scanning to support high segmentation rates for real time license plate recognition. 2010 , 43, 3866-3878	47
570	Income prediction in the agrarian sector using product unit neural networks. 2010 , 204, 355-365	8
569	A Single Component Mutation Evolutionary Programming. 2010 , 215, 3759-3768	3
568	A systematic comparison of metamodeling techniques for simulation optimization in Decision Support Systems. 2010 , 10, 1257-1273	117
568 567		117 80
	Support Systems. 2010 , 10, 1257-1273	
567	Support Systems. 2010, 10, 1257-1273 Genetic fuzzy self-tuning PID controllers for antilock braking systems. 2010, 23, 1041-1052 Exploiting molecular dynamics for multi-objective optimization. Expert Systems With Applications,	80
567 566	Support Systems. 2010, 10, 1257-1273 Genetic fuzzy self-tuning PID controllers for antilock braking systems. 2010, 23, 1041-1052 Exploiting molecular dynamics for multi-objective optimization. Expert Systems With Applications, 2010, 37, 5981-5992 7.8	80
567 566 565	Support Systems. 2010, 10, 1257-1273 Genetic fuzzy self-tuning PID controllers for antilock braking systems. 2010, 23, 1041-1052 Exploiting molecular dynamics for multi-objective optimization. Expert Systems With Applications, 2010, 37, 5981-5992 Gravitation field algorithm and its application in gene cluster. 2010, 5, 32	80
567 566 565	Support Systems. 2010, 10, 1257-1273 Genetic fuzzy self-tuning PID controllers for antilock braking systems. 2010, 23, 1041-1052 Exploiting molecular dynamics for multi-objective optimization. Expert Systems With Applications, 2010, 37, 5981-5992 Gravitation field algorithm and its application in gene cluster. 2010, 5, 32 Chaotic Time Series Prediction Using Immune Optimization Theory. 2010, 3, 43-60	80 1 13 2
567 566 565 564 563	Genetic fuzzy self-tuning PID controllers for antilock braking systems. 2010, 23, 1041-1052 Exploiting molecular dynamics for multi-objective optimization. Expert Systems With Applications, 2010, 37, 5981-5992 Gravitation field algorithm and its application in gene cluster. 2010, 5, 32 Chaotic Time Series Prediction Using Immune Optimization Theory. 2010, 3, 43-60 Simulated Annealing. 2010, 1-39	80 1 13 2 29

559	Bounded and periodic evolutionary machines. 2010,	1
558	Energy-Efficient Task Clustering Scheduling on Homogeneous Clusters. 2010,	3
557	An Energy-efficient hierarchical routing protocol for long range transmission in wireless sensor networks. 2010 ,	1
556	Text clustering based on term weights automatic partition. 2010 ,	2
555	Handling incomplete information in an evolutionary environment. 2010,	1
554	Multistage Markov Chain Modeling of the Genetic Algorithm and Convergence Results. 2010 , 31, 164-171	3
553	About RMB number identification with genetic evolution neural network. 2010,	2
552	Optimal Design of Multichamber Mufflers Hybridized With Perforated Intruding Inlets and Resonating Tubes Using Simulated Annealing. 2010 , 132,	11
551	Stagnation analysis of swarm intelligent algorithms. 2010,	
550	A new method for modeling the behavior of finite population evolutionary algorithms. 2010 , 18, 451-89	1
549	An improved genetic algorithm for multiple traveling salesman problem. 2010,	1
548	Route Optimization Based on Genetic Algorithms of Stacker for Automated Storage and Retrieval System. 2010 ,	
547	Application research of fuzzy optimization based on genetic algorithm. 2010,	
546	Multi-Agent Evolutionary Model for Global Numerical Optimization. 2010 , 13-48	
545	Stochastic Search in Metaheuristics. 2010 , 573-597	5
544	An incremental evolutionary method for optimizing dynamic image retrieval systems. 2010,	
543	Improved Immune Genetic Algorithm for Clustering Protein-Protein Interaction Network. 2010,	7
542	REVISITING OVERLOOKED FOUNDATIONS OF EVOLUTIONARY COMPUTATION: PART II. 2010 , 41, 407-415	1

 $54^{\hbox{\scriptsize 1}}$ Optimal Design of Rolling Shear Mechanism Based on Improved Genetic Algorithms. **2010,**

540	Convergence rate analysis of allied genetic algorithm. 2010 ,	1
539	A Genetic Algorithm-Based Stress Test Requirements Generator Tool and Its Empirical Evaluation. 2010 , 36, 778-797	18
538	A multiagent evolutionary algorithm for combinatorial optimization problems. 2010 , 40, 229-40	43
537	Implementation of a genetic algorithm-based decision making framework for opportunistic radio. 2010 , 4, 495	14
536	The Research of the Data Mining Based on the Spatial Database Technology. 2010 ,	Ο
535	QoS-Based Dynamic Web Service Composition with Ant Colony Optimization. 2010,	67
534	Elevator group-control policy with destination registration based on hybrid genetic algorithms. 2010 ,	1
533	Design and development of intelligent optimization System for Cold Continuous Rolling Rules. 2010 ,	
532	3D MRI brain segmentation based on MRF and hybrid of SA and IGA. 2010 ,	3
531	Optimization of Stochastic Cargo Container Loading Plans for Air Express Delivery. 2010,	1
530	A Novel Hybrid Clustering Algorithm Incorporating K-Means into Canonical Immune Programming Algorithm. 2010 ,	1
529	A critical examination of the maximum velocity of shortening used in simulation models of human movement. 2010 , 13, 693-9	6
528	. 2010 , 7, 352-363	17
527	A Cloud Model Based Computational Intelligence Algorithm for Parameter Identification of Chaotic Systems. 2011 ,	1
526	Research on slotting optimization in automated warehouse of pharmaceutical logistics center. 2011 ,	1
525	Research of Niching Genetic Algorithms for Optimization in Electromagnetics. 2011 , 16, 383-389	6
524	Inflation, unemployment, and the time consistency of the US monetary policy. 2011 , 22, 173-179	3

523	A scenario decomposition-genetic algorithm method for solving stochastic air cargo container loading problems. 2011 , 47, 520-531	17
522	Evolutionary Computation and Its Applications in Neural and Fuzzy Systems. 2011 , 2011, 1-20	16
521	Biogeography migration algorithm for traveling salesman problem. 2011 , 4, 311-330	14
520	Gaboxadol has affinity for the proton-coupled amino acid transporter 1, SLC36A1 (hPAT1)A modelling approach to determine IC(50) values of the three ionic species of gaboxadol. 2011 , 42, 192-8	7
519	Parameter optimization of thermal-model-oriented control law for PEM fuel cell stack via novel genetic algorithm. 2011 , 52, 3290-3300	26
518	Evaluation of integrated differential evolution and unified bare-bones particle swarm optimization for phase equilibrium and stability problems. 2011 , 310, 129-141	22
517	A free lunch in linearized experimental design?. 2011 , 37, 1026-1034	10
516	Stability of Evolving Multiagent Systems. 2011 , 41, 1149-57	9
515	A unified framework for population-based metaheuristics. 2011 , 186, 231-262	24
514	On principle axis based line symmetry clustering techniques. 2011 , 3, 129-144	10
513	An automatic spring-back compensation method in die design based on a genetic algorithm. 2011 , 17, 527-533	2
512	A hybrid approach for the control of axonal outgrowth: preliminary simulation results. 2011 , 49, 163-70	10
511	An adaptive annealing genetic algorithm for the job-shop planning and scheduling problem. <i>Expert Systems With Applications</i> , 2011 , 38, 9248-9255	28
510	Convergence of multi-objective evolutionary algorithms to a uniformly distributed representation of the Pareto front. 2011 , 181, 3336-3355	23
509	Heuristics for minimizing regular performance measures in unrelated parallel machine scheduling problems. 2011 , 38, 901-916	75
508	Parameter tuning of PBIL and CHC evolutionary algorithms applied to solve the Root Identification Problem. 2011 , 11, 754-767	13
507	An improved adaptive genetic algorithm based on hormone modulation mechanism for job-shop scheduling problem. <i>Expert Systems With Applications</i> , 2011 , 38, 7243-7250	61
506	Optimized QoS-aware replica placement heuristics and applications in astronomy data grid. 2011 , 84, 1224-1232	11

505	The convergence analysis and specification of the Population-Based Incremental Learning algorithm. 2011 , 74, 1868-1873	4
504	An analysis of multi-chromosome GAs in deceptive problems. 2011 ,	1
503	Evolutionary squeaky wheel optimization: a new framework for analysis. 2011, 19, 405-28	5
502	Modeling the performance of evolutionary algorithms on the root identification problem: a case study with PBIL and CHC algorithms. 2011 , 19, 107-35	9
501	A survey on accelerating evolutionary computation approaches. 2011,	12
500	Comparative Analysis of Genetic Algorithms and Particle Swarm Optimization Algorithms for Optimal Reservoir Operation. 2011 , 90-93, 2727-2733	
499	A Review of Applications of Evolutionary Algorithms in Pattern Recognition. 2011, 3-28	5
498	Integrated Control of Freeway Interchange Model Based on Enhanced Cell Transmission Model. 2011 , 2259, 179-191	2
497	Modeling Arterial Signal Optimization with Enhanced Cell Transmission Formulations. 2011 , 137, 445-454	38
496	Convergence Analysis of Surrogate Assisted (1+1) Evolutionary Algorithm. 2012 , 263-266, 2339-2343	
495	On the analysis of the simple genetic algorithm. 2012 ,	7
494	Joint scheduling and resource allocation based on genetic algorithm for coordinated multi-point transmission using adaptive modulation. 2012 ,	4
493	Convergence Analysis of the New Hybrid Genetic Algorithm for the Job Shop Scheduling Problem. 2012 ,	
492	Genetic Programming Introduction, Applications, Theory and Open Issues. 2012, 709-739	11
491	Continuous piecewise linear programming via concave optimization and genetic algorithm. 2012,	1
490	The Research on the Improved Genetic Algorithm and Optimized Based on the Random Functional Analysis. 2012 , 166-169, 819-823	
489	Ubiquity symposium: Evolutionary computation and the processes of life. 2012 , 2012, 1-13	5
488	Multi-population Cooperative Cultural Algorithms. 2012 , 199-206	8

487	Evaluation of Covariance Matrix Adaptation Evolution Strategy, Shuffled Complex Evolution and Firefly Algorithms for phase stability, phase equilibrium and chemical equilibrium problems. 2012 , 90, 2051-2071		46
486	Optimal power flow: a bibliographic survey II. 2012 , 3, 259-289		179
485	A Genetic Algorithm for Task Scheduling Based on User Overall Satisfaction. 2012,		1
484	BE-ABC: Hybrid artificial bee colony algorithm with balancing evolution strategy. 2012 ,		3
483	Hybrid predictive control strategy for a public transport system with uncertain demand. 2012 , 8, 61-86		69
482	A genetic simulated annealing hybrid algorithm for relay nodes deployment optimization in industrial wireless sensor networks. 2012 ,		4
481	Analysis of Emergent Behavior for GA-based Topology Control Mechanism for Self-Spreading Nodes in MANETs. 2012 , 155-183		6
480	Optimal mining on security labels for decentralized information flow control. 2012 , 31, 912-924		1
479	Characterising the dynamics of EEG waveforms as the path through parameter space of a neural mass model: application to epilepsy seizure evolution. 2012 , 59, 2374-92		55
478	Stochastic Optimization. 2012 , 173-201		33
477	Stochastic Convergence. 2012 , 847-869		2
476	An optimized genetic K-means clustering algorithm. 2012,		
475	FREE LUNCH OR NO FREE LUNCH: THAT IS NOT JUST A QUESTION?. 2012 , 21, 1240010		15
474	Markov Chain Analysis of Self-organizing Mobile Nodes. 2012 , 67, 133-153		14
473	A mathematical analysis of the long-run behavior of genetic algorithms for social modeling. 2012 , 16, 1071-1089		1
472	A hybrid genetic pattern search augmented Lagrangian method for constrained global optimization. 2012 , 218, 9415-9426		23
471	A hybrid genetic algorithm for the discrete timedost trade-off problem. <i>Expert Systems With Applications</i> , 2012 , 39, 11428-11434	7.8	66
470	An ensemble kernel classifier with immune clonal selection algorithm for automatic discriminant of primary open-angle glaucoma. 2012 , 83, 1-11		5

469	The application of immune genetic algorithm in main steam temperature of PID control of BP network. 2012 , 24, 80-86	12
468	On convergence of differential evolution over a class of continuous functions with unique global optimum. 2012 , 42, 107-24	69
467	Markov chain analysis of genetic algorithms applied to fitness functions perturbed concurrently by additive and multiplicative noise. 2012 , 51, 601-622	3
466	Solving dual problems using a coevolutionary optimization algorithm. 2013 , 57, 891-933	5
465	A competitive hub location and pricing problem. 2013, 231, 734-744	76
464	On the Convergence of Chemical Reaction Optimization for Combinatorial Optimization. 2013 , 17, 605-620	53
463	State of the Practice and Future Needs for Production Planning and Control Systems. 2013, 247-266	
462	Hybrid Predictive Control: Mono-objective and Multi-objective Design. 2013 , 21-43	
461	Modeling the Genetic Algorithm by a Nonhomogeneous Markov Chain: Weak and Strong Ergodicity. 2013 , 57, 144-151	5
460	Optimization of fuzzy logic controllers with rule base size reduction using genetic algorithms. 2013,	5
459	Towards a self-healing, anti-jamming adaptive beamforming array. 2013,	О
458	Self-adaptive Genetic algorithm based MU-MIMO scheduling scheme. 2013,	
457	The elitist non-homogeneous genetic algorithm: Almost sure convergence. 2013 , 83, 2179-2185	10
456	Hybrid Distillation/Melt Crystallization Process Using Thermally Coupled Arrangements: Optimization with evolutive algorithms. 2013 , 67, 25-38	11
455	Measure-theoretic analysis of performance in evolutionary algorithms. 2013,	6
454	Deterministic Scheduling Approaches. 2013 , 105-175	
453	Enhanced Gabor wavelet correlogram feature for image indexing and retrieval. 2013, 16, 163-177	18
452	A novel adaptive fuzzy predictive control for hybrid systems with mixed inputs. 2013 , 26, 1512-1531	6

451	Whole Test Suite Generation. 2013, 39, 276-291	301
450	Online battery state of health estimation based on Genetic Algorithm for electric and hybrid vehicle applications. 2013 , 240, 184-192	172
449	Point Symmetry-Based Distance Measures and Their Applications to Clustering. 2013 , 93-123	1
448	Semiconductor Manufacturing Process Description. 2013 , 11-28	2
447	Convergence analysis of an elitist non-homogeneous genetic algorithm with mutation probability adjusted by a fuzzy controller. 2013 ,	2
446	Some modifications of low-dimensional simplex evolution and their convergence. 2013 , 28, 54-81	7
445	Optimal Planning of Distributed Sensor Layouts for Collaborative Surveillance. 2013 , 9, 145496	0
444	Dispatching Approaches. 2013 , 65-104	1
443	The research on geometric error tolerance design of XII stage measurement system accuracy. 2013 , 35, 672-682	3
442	A Novel Quantum Genetic Algorithm for Continuous Function Optimization. 2013 , 816-817, 907-914	
441	An Inproved GA and its Application to DRP. 2013 , 787, 835-839	
440	Complex System Optimization Using Biogeography-Based Optimization. 2013 , 2013, 1-17	17
439	Convergence Analysis of a Class of Computational Intelligence Approaches. 2013 , 2013, 1-10	
438	The Convergence Mechanism and Strategies for Non-Elitist Genetic Programming. 2013, 347-350, 3850-3860	
437	State Evaluation of Diesel Engine Using Genetic Algorithm for the Feature Selection and Optimize. 2013 , 462-463, 203-208	
436	An Improved Niche Genetic Algorithm. 2013 , 380-384, 1444-1447	
435	Algorithm of Marriage in Honey Bees Optimization Coperate with Linear Method. 2013, 871, 330-337	
434	Some Single- and Multiobjective Optimization Techniques. 2013 , 17-58	25

433	Production Planning Approaches. 2013 , 207-246	2
432	Design and implementation of discrete Manufacturing Executive System. 2013,	
431	Using computation to enhance diagnosis and therapy: a novel mutation operator for real-coded adaptive genetic algorithms. 2013 , 2, 139	1
430	Crossover versus mutation: a comparative analysis of the evolutionary strategy of genetic algorithms applied to combinatorial optimization problems. 2014 , 2014, 154676	11
429	On the Convergence of Biogeography-Based Optimization for Binary Problems. 2014 , 2014, 1-11	6
428	Markov chain model of schema evolution and its application to stationary distribution. 2014,	
427	Bio-inspired navigation based on geomagnetic for the autonomous underwater vehicle. 2014,	3
426	Strong Performance of the Triangle Structure of the Shovel. 2014 , 614, 24-27	
425	Analog Circuit Design Optimization Based on Evolutionary Algorithms. 2014 , 2014, 1-12	9
424	GA Based User Matching with Optimal Power Allocation in D2D Underlaying Network. 2014 ,	5
423	Computational Complexity Measures for Many-objective Optimization Problems. 2014 , 36, 185-191	31
422	Among-site rate variation. 2014 ,	3
421	Applying Fuzzy Logic and Machine Learning Techniques in Financial Performance Predictions. 2014 , 10, 4-9	6
420	A Hitchhiker's guide to statistical tests for assessing randomized algorithms in software engineering. 2014 , 24, 219-250	244
419	Satellite Module Layout Design Based on Adaptive Bee Evolutionary Genetic Algorithm. 2014 , 538, 193-197	1
418	Parameters Selection for Genetic Algorithms and Ant Colony Algorithms by Uniform Design. 2014 , 184-195	1
417	Application of improved genetic algorithm in camera calibration. 2014,	
416	Bouc-Wen Model Parameter Identification for a MR Fluid Damper Using Particle Swarm Optimization. 2014 , 903, 279-284	9

415	On the runtime analysis of the Simple Genetic Algorithm. 2014 , 545, 2-19	41
414	Real-Time Motion Tracking of Robot Manipulators Using Adaptive Genetic Algorithms. 2014 , 74, 697-708	17
413	A global optimization algorithm for target set selection problems. 2014 , 267, 101-118	15
412	An incremental evolutionary learning method for optimizing content-based image indexing algorithms. 2014 , 3, 41-52	2
411	Chaotic Evolution: fusion of chaotic ergodicity and evolutionary iteration for optimization. 2014 , 13, 79-96	19
410	Optimization of POLCA-controlled production systems with a simulation-driven genetic algorithm. 2014 , 70, 385-395	13
409	A new fuzzy adaptive simulated annealing genetic algorithm and its convergence analysis and convergence rate estimation. 2014 , 12, 670-679	8
408	Designing-in performance: A framework for evolutionary energy performance feedback in early stage design. 2014 , 38, 59-73	62
407	Finite Markov chain analysis of classical differential evolution algorithm. 2014 , 268, 121-134	19
406	Energy management of a power-split plug-in hybrid electric vehicle based on genetic algorithm and quadratic programming. 2014 , 248, 416-426	161
405	Segmented Model Selection in Quantile Regression Using the Minimum Description Length Principle. 2014 , 109, 1241-1256	18
404	On the influence of using initialization functions on genetic algorithms solving combinatorial optimization problems: A first study on the TSP. 2014 ,	6
403	Determination of microscopic parameters of piezoceramic materials under electrical loading using genetic algorithm. 2014 ,	
402	A comparative review of approaches to prevent premature convergence in GA. 2014 , 24, 1047-1077	130
401	Analyzing convergence performance of evolutionary algorithms: A statistical approach. 2014 , 289, 41-58	86
400	On controllability of neuronal networks with constraints on the average of control gains. 2014 , 44, 2670-81	48
399	Identification of IPMC nonlinear model via single and multi-objective optimization algorithms. 2014 , 53, 481-8	6
398	Evolutionary algorithms and other metaheuristics in water resources: Current status, research challenges and future directions. 2014 , 62, 271-299	391

397	Genetic Algorithms. 2014 , 77-87	95
396	Protein secondary structure optimization using an improved artificial bee colony algorithm based on AB off-lattice model. 2014 , 27, 70-79	70
395	Fault tolerant scheduling of hard real-time tasks on multiprocessor system using a hybrid genetic algorithm. 2014 , 14, 92-105	19
394	Ultrasonic characterization of porous silicon using a genetic algorithm to solve the inverse problem. 2014 , 62, 93-98	21
393	Outliers detection in multivariate time series using genetic algorithms. 2014 , 132, 103-110	15
392	A Michigan-like immune-inspired framework for performing independent component analysis over Galois fields of prime order. 2014 , 96, 153-163	2
391	Genetic Algorithms. 2014 ,	
390	Application of particle swarm optimization for tuning the SVR parameters. 2015,	1
389	XGRouter: high-quality global router in X-architecture with particle swarm optimization. 2015, 9, 576-594	42
388	Accuracy and Precision in Finance. 2015,	O
387	Insights to vertical jumping from computer simulations. 2015 , 69-78	1
386	Applying a New Adaptive Genetic Algorithm to Study the Layout of Drilling Equipment in Semisubmersible Drilling Platforms. 2015 , 2015, 1-9	4
385	From evolutionary computation to the evolution of things. 2015 , 521, 476-82	210
384	Monogamous pair bonding in genetic algorithm. 2015 ,	5
383	Finding the Optimal Sample Based on Shannon Entropy and Genetic Algorithms. 2015, 353-363	2
382	SwinTop: Optimizing memory efficiency of packet classification in network devices. 2015,	
381	Terminating evolutionary algorithms at their steady state. 2015 , 61, 489-515	1
380	Multilayer obstacle-avoiding x-architecture steiner minimal tree construction based on particle swarm optimization. 2015 , 45, 989-1002	64

379	Adaptive pair bonds in genetic algorithm: An application to real-parameter optimization. 2015 , 252, 503-519	11
378	On the genetic algorithm with adaptive mutation rate and selected statistical applications. 2015 , 30, 131-150	5
377	Backward-Forward Hybrid Genetic Algorithm for Resource-Constrained Multiproject Scheduling Problem. 2015 , 29, 04014072	20
376	The time complexity analysis of a class of gene expression programming. 2015 , 19, 1611-1625	7
375	Multi-Objective Evolutionary Algorithms. 2015 , 995-1015	28
374	A genetic algorithm for demand pattern and leakage estimation in a water distribution network. 2015 , 64, 35-46	21
373	Hybrid simulated annealing and genetic algorithm for optimizing arterial signal timings under oversaturated traffic conditions. 2015 , 49, 153-170	30
372	The optimal code searching method with an improved criterion of coded exposure for remote sensing image restoration. 2015 , 338, 540-550	7
371	A Clustering Method Based on the Maximum Entropy Principle. 2015 , 17, 151-180	27
370	Learning combination weights in data fusion using Genetic Algorithms. 2015 , 51, 306-328	9
369	Systematic evolutionary algorithm for general multilevel Stackelberg problems with bounded decision variables (SEAMSP). 2015 , 229, 771-790	9
368	Maximum height and minimum time vertical jumping. 2015 , 48, 2865-70	17
367	Optimization of Fuzzy Logic Controllers with Rule Base Size Reduction using Genetic Algorithms. 2015 , 14, 1063-1092	7
366	Study of programmed cell death algorithm and its application. 2015 ,	
365	A Modified Shuffled Frog Leaping Algorithm for PAPR Reduction in OFDM Systems. 2015 , 61, 698-709	28
364	Hybrid Genetic Algorithm with Simulated Annealing for Resource-Constrained Project Scheduling. 2015 , 31, 04014082	30
363	Volatility Forecasting Using Support Vector Regression and a Hybrid Genetic Algorithm. 2015 , 45, 111-133	15
362	An immunity-based time series prediction approach and its application for network security situation. 2015 , 8, 1-22	12

361	. 2015 , 12, 701-715	8
360	Algorithms for randomized time-varying knapsack problems. 2016 , 31, 95-117	24
359	A New Methodology of Multicriteria Decision-Making in Supplier Selection Based onZ-Numbers. 2016 , 2016, 1-17	34
358	An Immune Genetic Algorithm to Buildings Displacement in Cartographic Generalization. 2016 , 20, 585-612	9
357	Non-Crossover and Multi-Mutation Based Genetic Algorithm for Flexible Job-Shop Scheduling Problem. 2016 , E99.A, 1856-1862	
356	A Genetic Algorithm to Discover Flexible Motifs with Support. 2016 ,	3
355	Multi-Objective Optimization. 2016 , 145-184	56
354	Ultrasonic characterization of mesoporous thin films. 2016,	2
353	Metaheuristic Techniques. 2016 , 693-750	10
352	Multistage non homogeneous Markov chain modeling of the non homogeneous genetic algorithm and convergence results. 2016 , 45, 1794-1804	3
351	Characterisation of piezoelectric ceramics using inverse problem solving of a polarisation switching modelling. 2016 , 115, 106-111	1
350	Efficient and resilient micro air vehicle flapping wing gait evolution for hover and trajectory control. 2016 , 54, 1-16	4
349	Optimization of Structural Element in Froth Image Denoising of Coal Flotation. 2016 , 30, 1654002	3
348	Assessing the accuracy of subject-specific, muscle-model parameters determined by optimizing to match isometric strength. 2016 , 19, 1730-1737	1
347	Genetic Algorithms. 2016 , 37-69	14
346	Autonomous homing control of a powered parafoil with insufficient altitude. 2016 , 65, 516-524	18
345	Assessment of optimization algorithms capability in distribution network planning: Review, comparison and modification techniques. 2016 , 66, 415-434	49
344	Topics in Evolutinary Algorithms. 2016 , 121-152	

343	Factor analysis based optimal storage planning in active distribution network considering different battery technologies. 2016 , 183, 456-469		33
342	Fast Readout and Low Power Consumption in Capacitive Touch Screen Panel by Downsampling. 2016 , 12, 1417-1422		5
341	Portfolio optimization in single-period under cumulative prospect theory using genetic algorithms and bootstrap method. 2016 ,		
340	A long-distance navigation model for AUV based on multiple parameter searching. 2016 ,		
339	Mean Convergence Time of Inhomogeneous Genetic Algorithm with Elitism. 2016 , 37, 966-974		
338	Efficient search and responsiveness trade-offs in a Markov chain model of evolution in dynamic environments. 2016 , 276, 44-58		2
337	Taming the 0/1 knapsack problem with monogamous pairs genetic algorithm. <i>Expert Systems With Applications</i> , 2016 , 54, 241-250	7.8	22
336	An evolutionary approach for image retrieval based on lateral inhibition. 2016 , 127, 5430-5438		7
335	A survey on image segmentation using metaheuristic-based deformable models: state of the art and critical analysis. 2016 , 44, 1-29		51
334	Pilot Allocation for Distributed-Compressed-Sensing-Based Sparse Channel Estimation in MIMO-OFDM Systems. 2016 , 65, 2990-3004		56
333	A micro-artificial bee colony based multicast routing in vehicular ad hoc networks. 2017 , 58, 213-221		37
332	An enhanced optimization kernel for analog IC design automation using the shrinking circles technique. 2017 , 58, 62-78		7
331	Deadlock-free migration for virtual machine consolidation using Chicken Swarm Optimization algorithm. 2017 , 32, 1389-1400		14
330	Data driven modeling of plastic deformation. 2017 , 318, 981-1004		43
329	GAEMTBD: Genetic algorithm based entity matching techniques for bibliographic databases. 2017 , 47, 197-230		6
328	A participatory search algorithm. 2017 , 10, 23-43		2
327	A comparative study on the applicability of ultracapacitor models for electric vehicles under different temperatures. 2017 , 196, 268-278		33
326	Modified genetic algorithm-based clustering for probability density functions. 2017 , 87, 1964-1979		12

325	. 2017 , 9, 1-14	11
324	A Computational Framework for Material Design. 2017 , 6, 229-248	11
323	Parametric optimization of steam cycle in PWR nuclear power plant using improved genetic-simplex algorithm. 2017 , 125, 830-845	11
322	Closed state model for understanding the dynamics of MOEAs. 2017,	2
321	A hierarchical hybrid of genetic algorithm and particle swarm optimization for distributed clustering in large-scale wireless sensor networks. 2017 , 1	13
320	Reliability-based design optimization and uncertainty quantification for optimal conditions of composite structures with non-linear behavior. 2017 , 153, 479-490	12
319	Energy-efficient resource allocation for hybrid bursty services in multi-relay OFDM networks. 2017 , 60, 1	2
318	Heuristics for Portfolio Selection. 2017 , 225-253	1
317	A high-performance Two-Phase Multipath scheme for data-center networks. 2017 , 112, 36-51	4
316	Near-optimal user assignment in LTE mobile networks with evolutionary computing. 2017 , 28, e3132	2
315	A new hybrid algorithm for analog ICs optimization based on the shrinking circles technique. 2017 , 56, 148-166	8
314	Cloud Computing Resource Scheduling based on Improved Semantic Search Engine. 2017,	2
313	RSSI quantization for indoor localization services. 2017,	6
312	Research on a Hybrid K-Means Clustering Algorithm Based on Improved Genetic Algorithm. 2017,	
311	Optimization Algorithms for Computational Systems Biology. 2017 , 3,	23
310	Optimal Tilt Angle and Orientation of Photovoltaic Modules Using HS Algorithm in Different Climates of China. 2017 , 7, 1028	26
309	The research and application of chaotic particle swarm optimization algorithm. 2017,	О
308	Bibliography. 2017 , 309-323	

307	An effective discrete invasive weed optimization algorithm for lot-streaming flowshop scheduling problems. 2018 , 29, 1337-1349	43
306	Pilot Optimization for Structured Compressive Sensing Based Channel Estimation in Large-Scale MIMO Systems with Superimposed Pilot Pattern. 2018 , 100, 977-993	3
305	Two-stage genetic algorithm for parallel machines scheduling problem: Cyclic steam stimulation of high viscosity oil reservoirs. 2018 , 64, 317-330	13
304	A new co-evolutionary decomposition-based algorithm for bi-level combinatorial optimization. 2018 , 48, 2847-2872	14
303	A hierarchy in mutation of genetic algorithm and its application to multi-objective analog/RF circuit optimization. 2018 , 94, 27-47	2
302	Convergence Analysis of Hidden Genes Genetic Algorithms in Space Trajectory Optimization. 2018 , 15, 228-238	3
301	An improved stochastic fractal search algorithm for 3D protein structure prediction. 2018 , 24, 125	9
300	Joint Optimization of Protograph LDPC Code Pair for Joint Source and Channel Coding. 2018, 66, 3255-3267	29
299	Connectivity-based optimization of vehicle route and speed for improved fuel economy. 2018 , 91, 353-368	32
298	Multidisciplinary Design Optimization of a Micro/Nano Satellite System. 2018, 51-74	O
297	On Proportions of Fit Individuals in Population of Mutation-Based Evolutionary Algorithm with Tournament Selection. 2018 , 26, 269-297	11
296	Multi-strategy monarch butterfly optimization algorithm for discounted {0-1} knapsack problem. 2018 , 30, 3019-3036	47
295	Comparative study of prey predator algorithm and firefly algorithm. 2018 , 24, 359-366	4
294	An Improved Genetic Algorithm Approach on Mechanism Kinematic Structure Enumeration with Intelligent Manufacturing. 2018 , 89, 343-350	18
293	The Overcomplete Dictionary-Based Directional Estimation Model and Nonconvex Reconstruction Methods. 2018 , 48, 1042-1053	1
292	An Efficient Adaptive Real Coded Genetic Algorithm to Solve the Portfolio Choice Problem Under Cumulative Prospect Theory. 2018 , 52, 227-252	3
291	A real-time optimal coordination scheme for the voltage regulation of a distribution network including an OLTC, capacitor banks, and multiple distributed energy resources. 2018 , 94, 1-14	60
290	A Generalized Clustering Method Based on Validity Indices and Membership Functions. 2018 , 6, 75912-75923	O

289	Using Outlier Analysis to Detect Partisan Gerrymanders: A Survey of Current Approaches and Future Directions. 2018 , 17, 286-301	4
288	Research on Virtual Channel Multiplexing Algorithm Based on Advanced Orbiting Systems. 2018 , 6, 70843-70	853
287	A generalized synthesis load model considering network parameters and all-vanadium redox flow battery. 2018 , 3,	5
286	Heuristic parametrization of anisotropic diffusion filtering. 2018,	
285	BiSON: A Bioinspired Self-Organizing Network for Dynamic Auto-Configuration in 5G Wireless. 2018 , 2018, 1-13	5
284	Pseudo-derivative evolutionary algorithm and convergence analysis. 2018 , 09, 1850041	
283	An Efficient Computation Offloading Management Scheme in the Densely Deployed Small Cell Networks With Mobile Edge Computing. 2018 , 26, 2651-2664	116
282	Fuel Economic Co-optimization of Vehicle Route and Speed for Connected Vehicles. 2018,	O
281	Fundamentals of Evolutionary Optimization: Single- and Multiobjective Problems. 2018, 1-16	О
280	Slice as an Evolutionary Service: Genetic Optimization for Inter-Slice Resource Management in 5G Networks. 2018 , 6, 33137-33147	56
279	Study on integrated scheduling model of CHP including wind power, electric boiler and phase change thermal storage station. 2018 ,	1
278	Investigation of stochastic variation of parameters for a macroscopic traffic model. 2018 , 22, 547-564	5
277	Target guiding self-avoiding random walk with intersection algorithm for minimum exposure path problem in wireless sensor networks. 2018 , 2018,	О
276	Intelligent and efficient grouping algorithms for large-scale regular expressions. 2018, 67, 223-234	Ο
275	Learning of Behavior Trees for Autonomous Agents. 2019 , 11, 183-189	14
274	Streamflow calculation for medium-to-small rivers in data scarce inland areas. 2019 , 693, 133571	5
273	An Adaptive Approach to Recommending Obfuscation Rules for Java Bytecode Obfuscators. 2019,	1
272	Heuristic methods in a nutshell. 2019 , 273-318	1

271	A Genetic XK-Means Algorithm with Empty Cluster Reassignment. 2019 , 11, 744	1
270	Parallel architecture design of genetic algorithms on HPC platform. 2019 ,	Ο
269	Conditional Granger Causality and Genetic Algorithms in VAR Model Selection. 2019, 11, 1004	О
268	Thermodynamic analysis based on simultaneous chemical and phase equilibrium for dehydration of glycerol with methanol. 2019 , 188, 116021	6
267	Path Planning of a Type of Porous Structures for Additive Manufacturing. 2019 , 115, 218-230	11
266	Assigning customer-dependent travel time limits to routes in a cold-chain inventory routing problem. 2019 , 133, 275-291	15
265	Iterative two-stage hybrid algorithm for the vehicle lifter location problem in semiconductor manufacturing. 2019 , 51, 106-119	11
264	A multi-objective approach to water and nutrient efficiency for sustainable agricultural intensification. 2019 , 173, 289-302	24
263	Import-export freight organization and optimization in the dry-port-based cross-border logistics network under the Belt and Road Initiative. 2019 , 130, 472-484	24
262	SobolIndices as dimension reduction technique in evolutionary-based reliability assessment. 2019 , 37, 368-398	4
261	A Multi-granularity Genetic Algorithm. 2019 ,	1
260	UAV Online Path Planning Based On Improved Genetic Algorithm with Optimized Search Region. 2019 ,	3
259	. 2019,	
258	Machine Learning and Optimization for Resource-Constrained Platforms. 2019,	
257	Machine Learning based Simulation Optimisation for Trailer Management. 2019,	
256	A Novel Selection Approach for Genetic Algorithms for Global Optimization of Multimodal Continuous Functions. 2019 , 2019, 8640218	9
255	An Adaptive Genetic Algorithm with Dual Adjustment Strategies and Its Performance Analysis. 2019 , 1254-1261	
254	Innovative architecture of single chip edge device based on virtualization technology. 2019 , 52, 100-112	1

253	Evolutionary Optimization Using Equitable Fuzzy Sorting Genetic Algorithm (EFSGA). 2019 , 7, 8111-8126	10
252	Convergence in Probability on a Big Class of Time-Variant Evolutionary Algorithms. 2019 , 33, 1959018	
251	Bi-Phase Evolutionary Searching for Biclusters in Gene Expression Data. 2019 , 23, 803-814	8
250	Scalable Inference of Ordinary Differential Equation Models of Biochemical Processes. 2019 , 1883, 385-422	9
249	An unsupervised learning approach for multilayer perceptron networks. 2019 , 23, 11001-11013	
248	Stochastic Search in Metaheuristics. 2019 , 513-540	
247	An effective Bayesian network parameters learning algorithm for autonomous mission decision-making under scarce data. 2019 , 10, 549-561	5
246	Reinforcement learning versus evolutionary computation: A survey on hybrid algorithms. 2019 , 44, 228-246	55
245	Integrated Rough Fuzzy Clustering for Categorical data Analysis. 2019 , 361, 1-32	18
244	Bayesian network hybrid learning using an elite-guided genetic algorithm. 2019 , 52, 245-272	18
244	Bayesian network hybrid learning using an elite-guided genetic algorithm. 2019 , 52, 245-272 A scheme of GA acceleration based on domain generic IC. 2019 , 22, 9133-9144	18
		18
243	A scheme of GA acceleration based on domain generic IC. 2019 , 22, 9133-9144	
243	A scheme of GA acceleration based on domain generic IC. 2019 , 22, 9133-9144 Novel elegant fuzzy genetic algorithms in classification problems. 2019 , 23, 5583-5603 Forecasting Short-Term Oil Price with a Generalised Pattern Matching Model Based on Empirical	1
243 242 241	A scheme of GA acceleration based on domain generic IC. 2019 , 22, 9133-9144 Novel elegant fuzzy genetic algorithms in classification problems. 2019 , 23, 5583-5603 Forecasting Short-Term Oil Price with a Generalised Pattern Matching Model Based on Empirical Genetic Algorithm. 2020 , 55, 1151-1169	1 4
243 242 241 240	A scheme of GA acceleration based on domain generic IC. 2019 , 22, 9133-9144 Novel elegant fuzzy genetic algorithms in classification problems. 2019 , 23, 5583-5603 Forecasting Short-Term Oil Price with a Generalised Pattern Matching Model Based on Empirical Genetic Algorithm. 2020 , 55, 1151-1169 Bilevel optimization based on iterative approximation of multiple mappings. 2020 , 26, 151-185 Spatial hazard assessment of the PM10 using machine learning models in Barcelona, Spain. 2020 ,	1 4 18
243 242 241 240 239	A scheme of GA acceleration based on domain generic IC. 2019 , 22, 9133-9144 Novel elegant fuzzy genetic algorithms in classification problems. 2019 , 23, 5583-5603 Forecasting Short-Term Oil Price with a Generalised Pattern Matching Model Based on Empirical Genetic Algorithm. 2020 , 55, 1151-1169 Bilevel optimization based on iterative approximation of multiple mappings. 2020 , 26, 151-185 Spatial hazard assessment of the PM10 using machine learning models in Barcelona, Spain. 2020 , 701, 134474 A unified algorithm based on HTS and self-adapting PSO for the construction of octagonal and	1 4 18 58

235 Random orthocenter strategy in interior search algorithm and its engineering application. **2020**, 24, 5933-5948_O

234	Analysis and Application of Grey Wolf Optimizer-Long Short-Term Memory. 2020 , 8, 121460-121468	5
- 54	This specifies are produced and the produced and the specifies are the specifies and the specifies are	<i>)</i>
233	Stochastic nonparallel hyperplane support vector machine for binary classification problems and no-free-lunch theorems. 2020 , 1	1
232	. 2020 , 56, 4001-4013	O
231	A Genetic Algorithm with Restart Strategy for Solving Approximate Shortest Vector Problem. 2020,	О
230	A Novel Simulated Annealing Based Strategy for Balanced UAV Task Assignment and Path Planning. 2020 , 20,	14
229	Research on Quality Anomaly Recognition Method Based on Optimized Probabilistic Neural Network. 2020 , 2020, 1-11	1
228	Table Organization Optimization in Schools for Preserving the Social Distance during the COVID-19 Pandemic. 2020 , 10, 8392	6
227	. 2020 , 19, 8303-8314	0
226	Metaheuristic Optimization of Power and Energy Systems: Underlying Principles and Main Issues of the R ush to Heuristics 2020 , 13, 5097	8
225	Improved Ant Lion Optimizer Based on Spiral Complex Path Searching Patterns. 2020 , 8, 22094-22126	8
224	An Improved Genetic Algorithm for Optimizing EBG Structure With Ultra-Wideband SSN Suppression Performance of Mixed Signal Systems. 2020 , 8, 26129-26138	1
223	A Novel Automatically Designed EBG Structure by Improved GA for Ultrawideband SSN Mitigation of System in Package. 2020 , 10, 123-133	6
222	A Survey on Slice Admission Control Strategies and Optimization Schemes in 5G Network. 2020 , 8, 14977-1499	904
221	Multi-objective optimization for the multi-mode finance-based project scheduling problem. 2020 , 7, 223-237	3
220	A Dual Recurrent Neural Network-based Hybrid Approach for Solving Convex Quadratic Bi-Level Programming Problem. 2020 , 407, 136-154	6
219	Optimization of CO2-EOR process management in polish mature reservoirs using smart well technology. 2021 , 197, 108060	1
218	. 2021 , 51, 4443-4452	2

217	An Efficient Genetic Method for Multi-Objective Location Optimization of Multiple City Air Terminals. 2021 , 9, 108665-108674	О
216	A hierarchical representation of behaviour supporting open ended development and progressive learning for artificial agents. 2021 , 45, 245-264	1
215	Controller Tuning by Metaheuristics Optimization. 2021 , 11-51	0
214	Two-Stage Optimization Method for the Bearing Layout of Isolated Structure. 2021, 2021, 1-10	O
213	Binary NCP: a new approach for solving nonlinear complementarity problems. 2021, 35, 1161-1166	O
212	An Efficient Computation Offloading Strategy with Mobile Edge Computing for IoT. 2021, 12,	4
211	An efficient and global interactive optimization methodology for path planning with multiple routing constraints. 2021 ,	О
210	DEP-TSPmeta: a multiple criteria Dynamic Ensemble Pruning technique ad-hoc for time series prediction. 2021 , 12, 2213-2236	1
209	Performance Assessment of Metaheuristic Algorithms for Structural Optimization Taking Into Account the Influence of Algorithmic Control Parameters. 2021 , 7,	2
208	Evolution test by improved genetic algorithm with application to performance limit evaluation of automatic parallel parking system. 2021 , 15, 754-764	3
207	ITSO: a novel inverse transform sampling-based optimization algorithm for stochastic search. 1	2
206	Memetic algorithm with non-smooth penalty for capacitated arc routing problem. 2021 , 220, 106957	1
205	Improving NSGA-II for Multi-Constrained QoS Routing. 2150252	О
204	Automatic Calibration of Bed Friction Coefficients to Reduce the Influence of Seasonal Variation: Case of the Gironde Estuary. 2021 , 147, 05021004	1
203	Machine learning for complete intersection Calabi-Yau manifolds: A methodological study. 2021 , 103,	4
202	Convergence analysis of beetle antennae search algorithm and its applications. 2021 , 25, 10595-10608	3
201	Optimizing termination decision for meta-heuristic search techniques that converge to a static objective-value distribution. 1	
200	MIRAGE: A consolidation aware migration avoidance genetic job scheduling algorithm for virtualized data centers. 2021 , 154, 106-118	2

199	A population perturbation and elimination strategy based genetic algorithm for multi-satellite TT&C scheduling problem. 2021 , 65, 100912	5
198	Treasure Hunt Framework: Distributing Metaheuristics on High Performance Computing Systems. 2021 , 65, 100906	
197	Identification of point source emission in river pollution incidents based on Bayesian inference and genetic algorithm: Inverse modeling, sensitivity, and uncertainty analysis. 2021 , 285, 117497	2
196	Application of artificial neural network for the critical flow prediction of discharge nozzle. 2021,	1
195	Multi-supply multi-capacitated p-median location optimization via a hybrid bi-level intelligent algorithm. 2021 , 160, 107584	0
194	Extended sequential limit analysis: Addressing large deflections and shape changes in strain hardening circular membranes with a moving coordinate system. 2021 , 169, 108471	
193	Genetic Algorithms. 2021, 91-100	23
192	A New City Air Terminal Service Mode: Urban Mobile Station for Luggage Check-in Service and Evolutionary Approach. 2021 , 1-17	
191	Modeling and Analysis of Genetic Algorithm with Tournament Selection. 2000 , 84-95	6
190	Study of Improved Hierarchy Genetic Algorithm Based on Adaptive Niches. 2005 , 1014-1022	1
189	On the Mean Convergence Time of Multi-parent Genetic Algorithms Without Selection. 2005 , 403-412	29
188	Genetic Multivariate Polynomials: An Alternative Tool to Neural Networks. 2005 , 262-270	2
187	Algorithms (X, sigma, eta): Quasi-random Mutations for Evolution Strategies. 2006 , 296-307	15
186	A New MOEA for Multi-objective TSP and Its Convergence Property Analysis. 2003, 342-354	14
185	Analysis of Random Noise and Random Walk Algorithms for Satisfiability Testing. 2000 , 278-290	1
184	The Biological Concept of Neoteny in Evolutionary Color Image Segmentation - Simple Experiments in Simple Non-memetic Genetic Algorithms. 2001 , 364-373	2
183	Analysis on the Island Model Parallel Genetic Algorithms for the Genetic Drifts. 1999 , 349-356	3
182	Selection Analysis in Genetic Algorithms. 1998 , 283-292	3

181	Parallel simulated annealing and genetic algorithms: A space of hybrid methods. 1994 , 428-438	29
180	Competitive evolution: A natural approach to operator selection. 1995 , 49-60	8
179	Evolution strategies: An alternative evolutionary algorithm. 1996 , 1-20	7
178	An asymptotic theory for genetic algorithms. 1996 , 35-53	4
177	Significance of locality and selection pressure in the grand deluge evolutionary algorithm. 1996 , 686-695	8
176	Genetic algorithms for ambiguous labelling problems. 1997 , 345-360	3
175	Multi-objective Optimisation Using Evolutionary Algorithms: An Introduction. 2011, 3-34	165
174	Recent Developments in Evolutionary Multi-Objective Optimization. 2010 , 339-368	5
173	Hybrid Predictive Control for Operational Decisions in Public Transport Systems. 2013, 95-125	1
172	Structure Learning of Bayesian Networks by Hybrid Genetic Algorithms. 1996 , 165-174	13
171	Theoretical Analyses, New Algorithms, and Some Applications of Genetic Algorithms: A Review of Some Recent Work. 1999 , 121-134	1
170	Transforming Mixed Data Bases for Machine Learning: A Case Study. 2018 , 157-170	1
169	A Filter-Genetic Algorithm for Constrained Optimization Problems. 2015, 355-362	2
168	Evolutionary Computation. 2019 , 3-22	10
167	Classification with Scaled Genetic Algorithms in a Coevolutionary Setting. 2004 , 138-149	1
166	Hyperschema Theory for GP with One-Point Crossover, Building Blocks, and Some New Results in GA Theory. 2000 , 163-180	16
165	Markov Chain Analysis of Genetic Algorithms Applied to Fitness Functions Perturbed by Multiple Sources of Additive Noise. 2008 , 123-136	4
164	Introduction: Problem Solving, EC and EMO. 2008 , 1-28	2

163	About the Limit Behaviors of the Transition Operators Associated with EAs. 2007, 110-119	1
162	Evolutionary Fuzzy Modelling for Drug Resistant HIV-1 Treatment Optimization. 2008, 251-287	4
161	The Halt Condition in Genetic Programming. 2007 , 160-169	50
160	Clustering Based on Genetic Algorithms. 2008 , 137-159	6
159	An Agent Based Approach to the Selection Dilemma in CBR. 2008 , 35-44	2
158	Self Adaptive Genetic Algorithms. 2009 , 19-50	3
157	Analysis of Approximation-Based Memetic Algorithms for Engineering Optimization. 2010, 163-191	2
156	Markov Chain Models for Genetic Algorithm Based Topology Control in MANETs. 2010 , 41-50	3
155	Quantum Genetic Algorithm for Hybrid Flow Shop Scheduling Problems to Minimize Total Completion Time. 2010 , 21-29	4
154	Multivariate Mixture Models Estimation: A Genetic Algorithm Approach. 2003, 133-142	1
153	Heuristic Evolutionary Approach for Weighted Circles Layout. 2011 , 324-331	1
152	Genetic Algorithms for Manufacturing Process Planning. 2012 , 205-244	2
151	Pure Strategy or Mixed Strategy?. 2012 , 218-229	12
150	Recursively Generated Evolutionary Turing Machines and Evolutionary Automata. 2013, 201-230	1
149	Clustering Algorithms. 2013 , 75-92	1
148	The Best Genetic Algorithm I. 2013 , 1-15	13
147	The Best Genetic Algorithm II. 2013 , 16-29	12
146	Evolutionary Computation as a Paradigm for DNA-Based Computing. 2002 , 15-40	3

145	Concepts of a Learning Object-Oriented Problem Solver (LOOPS). 1997, 330-339	2
144	Genetic Algorithms and Clustering: an Application to Fisher Iris Data. 2001 , 109-118	1
143	Global stochastic optimization techniques applied to partitioning. 1998 , 185-190	10
142	Intelligent GI Analysis. 1999 , 349-368	1
141	Information Dimension of a Population Attractor a Binary Genetic Algorithm. 2001, 232-235	3
140	Evolutionary Approaches for Cluster Analysis. 2003 , 165-176	9
139	Evolutionary Computation and Economic Models: Sensitivity and Unintended Consequences. 2002 , 245-269	2
138	Genetic Algorithm Learning and Economic Evolution. 2002, 45-60	3
137	Multiple-Point Geostatistical Simulation Based on Genetic Algorithms Implemented in a Shared-Memory Supercomputer. 2012 , 103-114	2
136	On making problems evolutionarily friendly part 2: Evolving the most convenient coordinate systems within which to pose (and solve) the given problem. 1998 , 281-290	3
135	XGRouter: high-quality global router in X-architecture with particle swarm optimization. 2015 , 9, 576	1
134	Evolutionary Algorithms. 2003 , 259-267	1
133	Recursive Conditional Schema Theorem, Convergence and Population Sizing in Genetic Algorithms. 2001 , 143-163	4
132	Global Optimization with Exploration/Selection Algorithms and Simulated Annealing. 2002, 12,	24
131	Ethnic Group Evolution Algorithm. 2010 , 21, 978-990	3
130	Convergence Analysis and Comparison of Evolutionary Algorithms Based on Relation Model. 2011 , 34, 801-811	2
129	Genetic algorithm based on schema comparison. 2008 , 28, 275-278	3
128	Routing of Water Pipeline Using GIS and Genetic Algorithm. 2009 , 9, 4137-4145	12

127	State transition algorithm. 2012, 8, 1039-1056	92
126	Niche Genetic Algorithm Based on Sexual Reproduction and Multimodal Function Optimization Problem. 2011 , 3, 7-15	1
125	Kernel-Based Clustering Driven by Density Index. 2021 , 317-343	
124	Selection Strategies for Ambiguous Graph Matching by Evolutionary Optimisation. 2000, 397-406	
123	Training Neural Networks Using Non-standard Norms (Preliminary Results. 2000 , 350-364	2
122	Application of a Micro-Genetic Algorithm in Optimal Design of a Diffractive Optical Element. 2000 , 251-267	O
121	Least Committment Graph Matching by Evolutionary Optimisation. 2000, 203-219	
120	Competitiveness of Evolutionary Algorithms. 2000 , 145-152	
119	Evolutionary Optimization Algorithms. 2001 , 97-116	0
118	Encyclopedia of Operations Research and Management Science. 2001 , 264-269	1
117	Genetic Algorithms and Biological Images Restoration: Preliminary Report. 2002, 340-349	
116	Obtaining Reducts with a Genetic Algorithm. 2002 , 219-225	1
115	A Genetic-Based Approach for Satisfiability Problems. 2002 , 208-216	
114	Genetic Programming Applied to Model Identification. 2002, 271-335	
113	Evolutionary Computation in Economics and Finance: An Overview of the Book. 2002 , 3-28	3
112	Introduction of a New Selection Parameter in Genetic Algorithm for Constrained Reliability Design Problems. 2004, 90-101	
111	Analysis of Complete Convergence for Genetic Algorithm with Immune Memory. 2005, 978-982	
110	Design of the Agent-Based Genetic Algorithm. 2005 , 22-27	

109	BIBLIOGRAPHY. 2005 , 575-631	
108	A Novel Genetic Algorithm Based on Cure Mechanism of Traditional Chinese Medicine. 2005 , 86-92	
107	Analysis of Algebraic Expressions Derived from Genetic Multivariate Polynomials and Support Vector Machines: A Case Study. 2006 , 974-984	1
106	The Application of Modified Hierarchy Genetic Algorithm Based on Adaptive Niches. 2006 , 842-850	
105	Genetic Algorithms.	
104	LSA-based Landscape Analysis for Multicast Routing. 2007 , 187-200	
103	An Analysis About the Asymptotic Convergence of Evolutionary Algorithms. 2007, 156-166	
102	Memetic Algorithms Parametric Optimization for Microlithography. 2007 , 201-239	
101	Inflation, Unemployment, and the Time Consistency of the US Monetary Policy.	
100	On Traveling Diameter of an Instance of Complex Networks Internet. 2009 , 90-99	
99	BASED ON GENETIC ALGORITHM KNOWLEDGE ACQUISITION MODEL. 2009, 1423-1432	
98	Algorithmic Approach to the Identification of Classification Rules or Separation Surface for Spatial Data. 2010 , 143-221	
97	Finding Irregularly Shaped Clusters Based on Entropy. 2010 , 57-70	
96	A Relation-Based Model for Convergence Analysis of Evolutionary Algorithm. 2010 , 190-197	1
95	Runtime Analysis of (1+1) Evolutionary Algorithm for a TSP Instance. 2010 , 296-304	1
94	Analysis and Classification of Mammography Reports Using Maximum Variation Sampling. 112-131	
93	Atavistic Strategy for Genetic Algorithm. 2011 , 497-505	1
92	Numerical Methods and Optimization in Finance - Pages 563-576. 2011 , 563-576	

91	Case-Based Reasoning Genetic Algorithm for Rectangle and Circle Packing Problem with Equilibrium Constraints. 2011 , 267-273	
90	On Internet Topology Modeling and an Improved BA Model. 2011 , 6,	
89	Muti-population coevolutionary algorithm for numerical optimization. 2011 , 31, 660-665	
88	Modeling the genetic algorithm by a nonhomogeneous Markov chain: weak and strong ergodicity. 2012 , 57, 185-192	
87	Optimal Relays Deployment for 802.16j Networks. 2012, 31-45	1
86	Circle-Based Improvement Strategy of Simulated Annealing Genetic Algorithm. 2012 , 502-507	
85	An Economics-Inspired Noise Model in Spatial Games with Reputation. 2012 , 271-293	
84	Modeling and Analysis Tools. 2013 , 29-64	O
83	Order Release Approaches. 2013 , 177-205	
82	Introduction. 2013 , 1-10	
81	Unsupervised Classifier Based on Heuristic Optimization and Maximum Entropy Principle. 2013, 17-30	
80	Analyzing Stability of Algorithmic Systems Using Algebraic Constructs. 2013 , 81-90	
79	Niche Genetic Algorithm Based on Sexual Reproduction and Multimodal Function Optimization Problem. 2013 , 8-16	
78	Heuristics for Portfolio Selection.	
77	Symmetry-Based Automatic Clustering. 2013 , 165-195	
76	Discovering Probabilistic Models of Pilot Behavior from Aircraft Telemetry Data. 2013 , 191-214	
75	Using computation to enhance diagnosis and therapy: a novel mutation operator for real-coded adaptive genetic algorithms. 2013 , 2, 139	1
74	High-Performance Analog IC Sizing: Advanced Constraint Handling and Search Methods. 2014 , 41-62	

73	On interactive evolutionary algorithms and stochastic mealy automata. 1996 , 218-226	2
72	Genetic fitness optimization using rapidly mixing Markov chains. 1996 , 67-82	
71	Random search based on genetic operators. 1997 , 196-205	
70	Evolutionary learning algorithm for projection neural networks. 1997 , 136-145	
69	Analyses of Simple Genetic Algorithms and Island Model Parallel Genetic Algorithms. 1998, 224-228	1
68	Estimation of Fractal Signals by Wavelets and GAs. 1998 , 126-128	
67	Techniques and Applications of Hybrid Fuzzy Learning Theory to Systems Modeling. 1999 , 1673-1710	
66	Convergence of a Hill Climbing Genetic Algorithm for Graph Matching. 1999 , 221-236	1
65	Parametric Optimization: Stochastic Gradients and Adaptive Search. 2015, 71-122	1
64	Research on Sequencing Optimization of Military Aircraft Turnaround Activities Based on Genetic Algorithm. 2015 , 289-299	
63	Production Workflow Optimization. 2015 , 29-59	
62	It日Time to Stop: A Comparison of Termination Conditions in the Evolution of Game Bots. 2015, 355-368	1
61	Variable Selection in Multiple Linear Regression Using a Genetic Algorithm. 2016 , 133-159	2
60	Study on Short-Term Scheduling of Hydropower System Coupling Grid Constraint. 2016 , 05, 200-210	
59	A Parallel Genetic Algorithm for Pattern Recognition in Mixed Databases. 2017, 13-21	2
58	Mixed marriage in honey bees optimization algorithm and its convergence analysis. 2017 , 1923-1928	
57	A Customer Segmentation Model Based on Affinity Propagation Algorithm and Improved Genetic K-Means Algorithm. 2018 , 321-327	
56	Pattern Discovery in Mixed Data Bases. 2018 , 178-188	3

55	An Integrated UAV Platform for Real-Time and Efficient Environmental Monitoring. 2019, 395-406	
54	Minimum Database Determination and Preprocessing for Machine Learning. 2019 , 94-131	
53	Bibliography. 2019 , 599-608	
52	A Novel Compensation Inductance Structure for Suppressing Differential-to-Common Mode Conversion in Bended Differential Transmission Line. 2019 ,	
51	Construction of Driving Cycle: A Study Based on PCA, K-Means, and GA. 2020 ,	
50	DC Side Voltage Control for Static Var Generator Based on DMC. 2020 ,	О
49	A Control Design of Rotor Speed Regulation for an Aero-engine based on Smooth Switching Strategy. 2021 , 54, 324-329	O
48	Stability Analysis of DESA Optimization Algorithm. 2020 , 17-31	
47	Hormone Regulation Based Algorithms for Production Scheduling Optimization. 2020, 19-45	1
46	An Efficient Genetic Algorithm for Small Search Range Problems and Its Applications. 2005 , 253-280	1
45	Controlling mutation/selection algorithms with stochastic approximation.	1
44	Accelerated genetic algorithms: combined with local search techniques for fast and accurate global search. 1995 ,	5
43	Operation strategy of park microgrid with multi-stakeholder based on bi-level optimisation. 2020 , 14, 4946-4955	0
42	Covariance matrix adaptive strategy for a multi-objective evolutionary algorithm based on reference point. 2020 , 39, 7315-7332	1
41	Mobile LiDAR Deployment Optimization: Towards Application for Pavement Marking Stained and Worn Detection. 2022 , 1-1	2
40	Integrated scheduling of zone picking and vehicle routing problem with time windows in the front warehouse mode. 2022 , 163, 107823	2
39	Power Systems Intrusion Detection Using Novel Wrapped Feature Selection Framework. 2020,	
38	Performance Limit Evaluation Strategy for Automated Driving Systems. 2022 , 5, 79	1

37	Optimizing Deep Neural Networks through Neuroevolution with Stochastic Gradient Descent. 2022 , 1-1		
36	Optimal Wing and Horizontal Tail Plane Design for Maximizing the Aircraft Performance in Cruise Flight. 1-17		1
35	State of the art. 2022 , 35-124		0
34	Preliminaries E volutionary Algorithms. 2022 , 55-71		
33	Evolutionary Multi-criteria System Identification. 2022 , 125-172		
32	Optimal Model for Fewer-Qubit CNOT Gates With Rydberg Atoms. 2022 , 17,		2
31	A Clustering-Based Optimization Method for the Driving Cycle Construction: A Case Study in Fuzhou and Putian, China. 2022 , 1-14		1
30	FlexEdge: Dynamic Task Scheduling for a UAV-based On-Demand Mobile Edge Server. 2022 , 1-1		0
29	Multi-Objective Hidden Genes Genetic Algorithm for Multigravity-Assist Trajectory Optimization. 1-17		3
28	New Heuristic Method of Section Network Compression Process for Large-Scale Networks. 2022,		
27	Charging strategy and scheduling algorithm for directional wireless power transfer in WRSNs. 2022 , 61, 8315-8324		0
26	Optimization of Maintenance Time Window Scheduling Suitable for Active Distribution Network. 2021 ,		
25	Defect Removal and Rearrangement of Wood Board Based on Genetic Algorithm. <i>Forests</i> , 2022 , 13, 26 2.8	8	3
24	Genetic algorithm with alphabet optimization. <i>Biological Cybernetics</i> , 1995 , 73, 61-68	8	
23	Uncertainty Evaluation of Circularity Error Measurement Based on Coordinate Measuring Machine. 2022 ,		
22	Identification of the scour depth of continuous girder bridges based on model updating and improved genetic algorithm. <i>Advances in Structural Engineering</i> , 136943322210956	9	2
21	Evolutionary Algorithms (EAs). 2022 , 167-183		
20	A Multiobjective Land Use Design Framework with Geo-Big Data for Station-Level Transit-Oriented Development Planning. <i>ISPRS International Journal of Geo-Information</i> , 2022 , 11, 364	9	

19	Two-sided matching decision-making model for complex product system based on Life-cycle sustainability assessment. <i>Expert Systems With Applications</i> , 2022 , 118184	7.8	O
18	Metaheuristic Optimization Algorithm for Rapid Parameter Identification of the Bouc-Wen Model for Self-Centering Shear Walls.		
17	Design of marine propellers with prescribed and optimal spanwise circulation distributions based on genetic algorithms and neural network. 2022 , 127, 103318		0
16	An Adaptive Genetic Algorithm and its Application to Optimize Electric Refrigerated Truck.		O
15	Genetic algorithm to optimize the SVM and K-means algorithms for mapping of mineral prospectivity.		0
14	Study on the influencing factors on indoor PM2.5 of office buildings in beijing based on statistical and machine learning methods. 2022 , 105240		O
13	A Method of Using Statistical Features Extraction and GA-SVM for EEG Classification. 2022, 707-716		0
12	Parameter Identification of Modified Bouc-Wen Model for MRF Damper Based on Genetic Algorithm and Nonlinear Least Square Method. 2023 , 686-697		O
11	Development of Integrated Softcomputing Approach for Stator Resistance Estimation of Three Phase Induction Motor. 1-10		0
10	Forecasting inflation rates be extreme gradient boosting with the genetic algorithm.		O
9	Algorithm for cavity flow in a new-born goaf and experimental verification. 2022,		1
8	Data-Driven Spectrum Partition for Multiplexing URLLC and eMBB. 2022, 1-1		O
7	Wire-Grid and Sparse MoM Antennas: Past Evolution, Present Implementation, and Future Possibilities. 2023 , 15, 378		0
6	A partition-based convergence framework for population-based optimization algorithms. 2023 , 627, 169-188		O
5	A Dual Long Short-Term Memory Model in Forecasting the Number of COVID-19 Infections. 2023 , 12, 759		0
4	An evolutionary ensemble model based on GA for epidemic transmission prediction. 2023, 1-13		O
3	Research on the application of improved NSGA-II in the structure design of wind turbine blade spar cap. 11,		0
2	Generative Models as an Emerging Paradigm in the Chemical Sciences.		O

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