Genetic algorithms in search, optimization, and machin

Citation Report

#	ARTICLE	IF	CITATIONS
1	Application of evolution program to resource demand optimisation in project planning. , 0, , .		1
2	Recurrent neural networks as pattern generators. , 0, , .		4
3	Distributed genetic algorithms using DLL. , 0, , .		1
4	The chaos artificial immune algorithm and its application to RBF neuro-fuzzy controller design. , 0, , .		0
5	Total sliding-mode-based genetic algorithm for linear piezoelectric ceramic motor drive. , 0, , .		1
6	Localization and modelling approach using topo-geometric maps. , 0, , .		1
7	A GA-based routing method with an upper bound constraint. , 0, , .		0
8	Design of 2-D FIR digital filters with symmetric properties by genetic algorithm approach. , 0, , .		7
9	Measuring evolvability in evolutionary fuzzy robotics. , 0, , .		0
10	Investigating issues in the reconstructability of genetic regulatory networks. , 0, , .		3
11	Automated simulation of robotic dynamic systems using a new fuzzy-fractal-genetic approach. , 0, , .		0
12	Design of 2-D state-space digital filters with powers-of-two coefficients based on a genetic algorithm. , 0, , .		2
13	Structure oriented search algorithm to solve knapsack problems. , 0, , .		0
14	On global analysis and design of fuzzy control systems. , 0, , .		2
15	Exploiting diversity of neural ensembles with speciated evolution. , 0, , .		3
16	Coordinative behavior in evolutionary multi-agent-robot system. , 0, , .		8
17	GA-based method for fuzzy optimal design of system reliability with incomplete FDS. , 0, , .		1
18	High Energy Physics Data Analysis with Gene Expression Programming. , 0, , .		4

#	ARTICLE	IF	CITATIONS
19	Of metaphors and Darwinism: deconstructing genetic programming's chimera. , 0, , .		4
20	Multi-population adaptive-gathering evolutionary algorithm in function optimization. , 0, , .		1
21	A non-linearity measure of a problem's crossover suitability. , 0, , .		3
22	Methodologies for binding function units for low power in high level synthesis. , 0, , .		5
23	Medical knowledge representation by means of multipopulation genetic programming: an application to burn diagnosing. , 0, , .		2
24	Finite-state machine partitioning for low power. , 0, , .		21
25	Adapting the migration topology of macro-micro evolutionary algorithm by clustering the individuals using self-organizing map. , 0, , .		0
26	Genetic Algorithms and Machine Learning. Machine Learning, 1988, 3, 95-99.	5.4	2,316
27	An incremental genetic algorithm for real-time optimisation. , 0, , .		9
29	A comparison of methods for diagnostic decision making. Expert Systems With Applications, 1990, 1, 425-436.	7.6	14
30	An analysis of a reordering operator on a GA-hard problem. Biological Cybernetics, 1990, 62, 397-405.	1.3	30
31	Emergent behavior in classifier systems. Physica D: Nonlinear Phenomena, 1990, 42, 213-227.	2.8	17
32	Adaptive stochastic cellular automata: Theory. Physica D: Nonlinear Phenomena, 1990, 45, 159-180.	2.8	18
33	Genetic algorithms and job shop scheduling. Computers and Industrial Engineering, 1990, 19, 81-91.	6.3	102
34	Intelligent Control of Machines and Processes. Computers and Industrial Engineering, 1990, 19, 205-209.	6.3	7
35	Route Planning and Scheduling in Dynamic Traffic Environments. , 0, , .		0
36	Optimizing the design of a hydrostatic thrust bearing by applying genetic algorithms. , 1990, , .		0
37	Compacting randomly generated test sets. , 0, , .		4

#	Article	IF	Citations
38	Using genetic algorithms to select and create features for pattern classification. , 1990, , .		14
39	Improved Fuzzy Process Control of Spacecraft Autonomous Rendezvous Using a Genetic Algorithm. Proceedings of SPIE, 1990, , .	0.8	61
40	Tailor: creating custom user interfaces based on gesture. , 1990, , .		13
41	Holland's schema theorem disproved?. Journal of Experimental and Theoretical Artificial Intelligence, 1990, 2, 179-183.	2.8	1
42	Diagnosis, parsimony, and genetic algorithms. , 1990, , .		11
43	Topological design of the wavelength-division optical network. , 0, , .		96
44	Using genetic algorithms for supervised concept learning. , 0, , .		16
45	Probability Matching, the Magnitude of Reinforcement, and Classifier System Bidding. Machine Learning, 1990, 5, 407-425.	5.4	22
46	Comprehensive evolutionary epistemology bibliography. Journal of Social and Biological Structures, 1990, 13, 41-82.	0.2	17
47	New crossover operators in genetic algorithms. , 0, , .		8
48	A genetic algorithm for job shop. , 0, , .		101
49	An exploration of genetic algorithms for the selection of connection weights in dynamical neural networks. , 0, , .		5
50	Improving the reliability of heuristic diagnosis. , 0, , .		1
51	Designing neural network explanation facilities using genetic algorithms. , 1991, , .		10
52	Reducing the search time of a steady state genetic algorithm using the immigration operator. , 0, , .		15
53	Monreale: a new genetic algorithm for the solution of the channel routing problem. , 0, , .		4
54	Asynchronous parallel search by the parallel genetic algorithm. , 0, , .		8
55	Adoption and diffusion of technology as a collective evolutionary process. Technological Forecasting and Social Change, 1991, 39, 67-80.	11.6	21

#	ARTICLE	IF	CITATIONS
56	Artificial life: a constructive lower bound for artificial intelligence. IEEE Intelligent Systems, 1991, 6, 8-15.	1.0	12
57	Letter Recognition Using Holland-Style Adaptive Classifiers. Machine Learning, 1991, 6, 161-182.	5.4	169
58	Nonlinear multiparameter optimization using genetic algorithms: Inversion of plane‑wave seismograms. Geophysics, 1991, 56, 1794-1810.	2.6	347
59	An Analysis of Multi-Point Crossover. Foundations of Genetic Algorithms, 1991, , 301-315.	0.6	97
60	Optimizing complex problems by nature's algorithms: Simulated annealing and evolution strategy—a comparative study. Lecture Notes in Computer Science, 1991, , 445-454.	1.3	4
61	<title>Morphological feature-set optimization using the genetic algorithm</title>. , 1991, , .		7
62	Computer Simulation of Biomolecular Systems: Overview of Time-Saving Techniques. AIP Conference Proceedings, 1991, , .	0.4	8
63	The theory of virtual alphabets. , 1990, , 13-22.		17
65	Genetic algorithm in the design of FIR filters. IEE Proceedings, Part G: Circuits, Devices and Systems, 1991, 138, 234.	0.2	62
66	An Execution Planning Algorithm for Military Airlift. Interfaces, 1991, 21, 121-131.	1.5	23
67	Artificial evolution for computer graphics. , 1991, , .		267
68	Reliability oriented allocation of files on distributed systems. , 0, , .		10
69	Generalizing the notion of schema in genetic algorithms. Artificial Intelligence, 1991, 50, 385-396.	5.8	108
70	A classifier based approach to flow shop scheduling. Computers and Industrial Engineering, 1991, 21, 401-405.	6.3	4
71	Genetic Operators for Sequencing Problems. Foundations of Genetic Algorithms, 1991, , 284-300.	0.6	83
72	Genetic Algorithms for Real Parameter Optimization. Foundations of Genetic Algorithms, 1991, , 205-218.	0.6	530
73	Genetic algorithms and instruction scheduling. , 1991, , .		16
76	A Modified Genetic Algorithm For Estimation Of Translation And Rotation Without Correspondence: Parallel Implementation On The DAP-510 System. , 0, , .		2

#	ARTICLE	IF	CITATIONS
77	Experiments with the subsumption architecture. , 0, , .		26
78	Version space controlled genetic algorithms (VGA). , 0, , .		2
79	The fuzzy classifier system: Motivations and first results. Lecture Notes in Computer Science, 1991, , 338-342.	1.3	21
80	Some experiments on the use of genetic algorithms in a Boltzmann machine. , 1991, , .		2
81	Induction of neural networks for parallel binary operations. , 0, , .		0
82	Keyboard optimization using genetic techniques. , 0, , .		1
83	Organisation of robot behaviour through genetic learning processes. , 1991, , .		7
84	A browser for large knowledge bases based on a hybrid distributed/local connectionist architecture. IEEE Transactions on Knowledge and Data Engineering, 1991, 3, 89-99.	5.7	2
85	Genetic optimization of self-organizing feature maps. , 0, , .		12
86	Automatic Optimization Of The Parameters Of A Track-while-detect Algorithm. , 0, , .		0
87	The Learning Of Reactive Control Parameters Through Genetic Algorithms. , 0, , .		12
88	A genetic learning strategy in constrained search spaces. , 1992, , .		1
89	Mobile Manipulator Path Planning By A Genetic algorithm. , 0, , .		11
90	Biologically based machine learning paradigms. , 1992, , .		1
91	Designing laboratory modules for novices in an undergraduate AI course track. , 1992, , .		2
92	An object-oriented environment for specification and concurrent execution of genetic algorithms. , 1992, , .		3
93	Uniting probabilistic methods for optimization. , 1992, , .		4
94	Artificial intelligence applications to communication network design with bulk facilities. , 1992, , .		3

#	ARTICLE	IF	CITATIONS
95	Managerial Applications of Neural Networks: The Case of Bank Failure Predictions. Management Science, 1992, 38, 926-947.	4.1	848
96	Evolution Versus Design: Controlling Autonomous Robots. , 0, , .		12
97	A system for fault diagnosis in electronic circuits using thermal imaging. , 0, , .		13
98	Selfish and coordinative planning for multiple mobile robots by genetic algorithm. , 0, , .		29
99	Evolutive fuzzy neural networks. , 0, , .		13
100	An improved Bernstein Algorithm For Robust Stability And Performance Analysis. , 0, , .		6
101	Global steering of single gimballed control moment gyroscopes using a directed search. Journal of Guidance, Control, and Dynamics, 1992, 15, 1236-1244.	2.8	103
102	Coordinate planning using genetic algorithm-structure configuration of cellular robotic system. , 0, , .		8
103	Optimal multilayer filter design using real coded genetic algorithms. IEE Proceedings, Part J: Optoelectronics, 1992, 139, 413.	0.4	51
104	<title>Anomaly detection in data using neural networks with natural selection</title>. , 1992, , .		1
105	Solving the n-queens problem using genetic algorithms. , 1992, , .		26
106	A primitives-based approach to knowledge acquisition. , 0, , .		1
107	Structure Configuration Using Genetic Algorithm For Cellular Robotic System. , 0, , .		24
108	Adaptive echo cancellation using genetic algorithms. , 0, , .		0
109	Drift, Diffusion And Boltzmann Distribution In Simple Genetic Algorithm. , 0, , .		0
110	Optimizing the performance of genetic algorithms for finding the optimal value of a given function. , 0, , .		0
111	Worst-case analysis of distribution system harmonics using genetic algorithms. , 0, , .		3
112	Self-organizing intelligence for cellular robotic system 'CEBOT' with genetic knowledge production algorithm. , 0, , .		13

#	Article	IF	Citations
113	Genetic tuning of digital PID controllers. Electronics Letters, 1992, 28, 843.	1.0	127
114	Spatial dynamic emergent hierarchies simulation and assessment system. Ecological Modelling, 1992, 62, 107-121.	2.5	12
115	Dynamic Parameter Encoding for Genetic Algorithms. Machine Learning, 1992, 9, 9-21.	5.4	112
116	Accelerating glassy relaxation in the Frenkel-Kontorova model. AIP Conference Proceedings, 1992, , .	0.4	0
117	A genetic algorithm for intelligent imaging from quantum-limited data. Signal Processing, 1992, 28, 335-348.	3.7	13
118	Solution to the assortment problem via the genetic algorithm. Mathematical and Computer Modelling, 1992, 16, 89-94.	2.0	8
119	A bibliography on computational molecular biology and genetics. Mathematical and Computer Modelling, 1992, 16, 245-319.	2.0	3
120	Optimum design of composite laminates using genetic algorithms. Composites Part B: Engineering, 1992, 2, 149-160.	0.6	104
121	Chemometrics with undergraduates. Chemometrics and Intelligent Laboratory Systems, 1992, 15, 127-135.	3.5	1
122	Nonlinear analysis of data sampled nonuniformly in time. Physica D: Nonlinear Phenomena, 1992, 58, 273-283.	2.8	9
123	Using transputers to increase speed and flexibility of genetics-based machine learning systems. Microprocessing and Microprogramming, 1992, 34, 147-152.	0.2	14
124	An evolutionary process model of design. Design Studies, 1992, 13, 273-290.	3.1	70
125	HIPS, a hybrid self-adapting expert system for nuclear magnetic resonance spectrum interpretation using genetic algorithms. Analytica Chimica Acta, 1993, 277, 313-324.	5.4	26
126	Implicit parallelism in genetic algorithms. Artificial Intelligence, 1993, 61, 307-314.	5.8	52
127	Uncertainty management in space station autonomous research: Pattern recognition perspective. Information Sciences, 1993, 72, 1-63.	6.9	5
128	Using genetic algorithms for an artificial neural network model inversion. Chemometrics and Intelligent Laboratory Systems, 1993, 20, 45-55.	3.5	16
129	Genetic algorithms and robotics: A heuristic strategy for optimization. BioSystems, 1993, 31, 78-79.	2.0	0
130	Minimizing flow time variance in a single machine system using genetic algorithms. European Journal of Operational Research, 1993, 70, 289-303.	5.7	78

#	ARTICLE	IF	CITATIONS
131	Comparison of the performance of modern heuristics for combinatorial optimization on real data. Computers and Operations Research, 1993, 20, 687-695.	4.0	49
132	Genetic algorithm for linear and cyclic assignment problem. Computers and Operations Research, 1993, 20, 575-586.	4.0	8
133	Taskgraph mapping using a genetic algorithm: A comparison of fitness functions. Parallel Computing, 1993, 19, 1313-1317.	2.1	15
134	Topographic-based feature labeling for infrared oceanographic images. Pattern Recognition Letters, 1993, 14, 915-925.	4.2	4
135	Markets in open telecommunication service systems. Telematics and Informatics, 1993, 10, 131-147.	5.8	10
136	A two-dimensional mapping for the traveling salesman problem. Computers and Mathematics With Applications, 1993, 26, 65-73.	2.7	2
137	An integrated multicomponent synthesis environment for MCMs. Computer, 1993, 26, 62-74.	1.1	326
138	An approximate algorithm for estimating treatment lags from right censored data. Computers and Mathematics With Applications, 1993, 25, 73-85.	2.7	0
139	Subdomain generation for parallel finite element analysis. Computing Systems in Engineering: an International Journal, 1993, 4, 473-488.	0.5	22
140	Postmodern lens design. Optical Engineering, 1993, 32, 1750.	1.0	23
141	Applying genetic search techniques to drivetrain modeling. IEEE Control Systems, 1993, 13, 50-55.	0.8	21
142	An Overview of Evolutionary Algorithms for Parameter Optimization. Evolutionary Computation, 1993, 1, 1-23.	3.0	1,695
143	A Method to Configure Protein Side-chains from the Main-chain Trace in Homology Modelling. Journal of Molecular Biology, 1993, 231, 849-860.	4.2	115
144	Machine Tongues XVI: Genetic Algorithms and Their Application to FM Matching Synthesis. Computer Music Journal, 1993, 17, 17.	0.1	75
145	A hybrid genetic algorithm for an NP-complete problem with an expensive evaluation function. , 1993, , .		6
146	Hybrid genetic algorithm for container packing in three dimensions. , 0, , .		9
147	Retaining diversity of genetic algorithms for multivariable optimization and neural network learning. , 0, , .		9
148	Evolving a sort: lessons in genetic programming. , 0, , .		39

#	ARTICLE	IF	CITATIONS
149	Aggregation of evidence by fuzzy set operations for vibration monitoring. , 0, , .		4
150	A dynamic routing control based on a genetic algorithm. , 0, , .		47
151	Nonmonotonic inheritance reasoning in classifiers. , 0, , .		0
152	A fast supervised-learning algorithm for large, multilayered neural networks. , 0, , .		1
153	Coordinative behavior in evolutionary multi-agent system by genetic algorithm. , 0, , .		7
154	A Simulation-Based Test Generation Scheme Using Genetic Algorithms. , 0, , .		32
155	Genetic algorithms in industrial design. , 0, , .		2
156	Short term unit-commitment using genetic algorithms. , 0, , .		10
157	Extended distributed genetic algorithm for channel routing. , 0, , .		9
158	Fuzzy Critic for intelligent planning by genetic algorithm. , 0, , .		1
159	Parallel genetic algorithm for channel routing. , 0, , .		3
160	Hierarchical control system in intelligent robotics and mechatronics. , 0, , .		5
161	Integrated technology enhanced automatic test equipment with adaptive fault detection. , 0, , .		0
162	Using genetic algorithms to generate Steiner triple systems. , 1993, , .		5
163	ProloGA: a Prolog implementation of a genetic algorithm. , 0, , .		1
164	Sequential assignment of 2D-NMR spectra of proteins using genetic algorithms. Journal of Chemical Information and Computer Sciences, 1993, 33, 245-251.	2.8	31
165	A simple approximation to the P€wave reflection coefficient and its implication in the inversion of amplitude variation with offset data. Geophysics, 1993, 58, 544-552.	2.6	31
166	The effects of initial population in genetic search for time constrained traveling salesman problems. , 1993, , .		11

#	ARTICLE	IF	CITATIONS
167	LibGA. , 1993, , .		42
168	Fuzzy genetic algorithms for optimization. , 0, , .		10
169	Design and implementation of a relational query language with teams. , 0, , .		0
170	Pseudo-hill climbing genetic algorithm (PHGA) for function optimization. , 0, , .		9
171	Fuzzy critic for robotic motion planning by genetic algorithm in hierarchical intelligent control. , 0, , .		20
172	The "Ariadne's clew" algorithm: global planning with local methods. , 0, , .		68
173	A reliability enhancement approach for computer networks and distributed applications. , 0, , .		0
174	Manipulating subpopulations of feasible and infeasible solutions in genetic algorithms. , 1993, , .		7
175	Minimal cost set covering using probabilistic methods. , 1993, , .		27
176	Learning Bayesian classification rules through genetic algorithms. , 1993, , .		4
177	Genetic algorithm based approach for designing computer network topology. , 1993, , .		12
178	Genetic algorithm application in a machine scheduling problem. , 1993, , .		1
179	Genetic algorithms and machine learning. , 1993, , .		48
180	Dynamic trajectory routing using an adaptive search method. , 1993, , .		2
181	Genetic algorithms for modelling, design, and process control. , 1993, , .		7
182	The Hamming metric in genetic algorithms and its application to two network problems. , 1993, , .		6
183	Genetic design of minimum-time controllers. Electronics Letters, 1993, 29, 1897.	1.0	6
184	Genetic approach to design of multiplierless FIR filters. Electronics Letters, 1993, 29, 2090.	1.0	27

#	ARTICLE	IF	CITATIONS
185	Artificial Thought Model for realizing flexible information processing. , 0, , .		1
186	Robust and efficient genetic crossover operator: homologous recombination. , 0, , .		1
187	A genetic-algorithm approach to solving crossword puzzles. , 1993, , .		2
188	System design and evaluation using discrete event simulation with artificial intelligence. , 1993, , .		2
189	7 Mathematical programming â€" A computational perspective. Handbook of Statistics, 1993, 9, 201-278.	0.6	3
190	Applications of GA-based optimization of neural network connection topology. , 0, , .		3
191	Design of space shuttle tile servicing robot: an application of task based kinematic design. , 0, , .		19
192	Learning scheme for recurrent neural network by genetic algorithm. , 0, , .		0
193	A genetic algorithm for training recurrent neural networks. , 0, , .		12
194	Evolving Bayesian classifiers for credit controlâ€"a comparison with other machine-learning methods. IMA Journal of Management Mathematics, 1993, 5, 63-75.	1.6	13
195	Riskâ€Based Bridge Management. Journal of Transportation Engineering, 1993, 119, 742-750.	0.9	19
196	Genetic algorithms for optimal dynamic control of robot arms. , 0, , .		1
197	Fuzzy Neural Network Learning Model for Image Recognition. Integrated Computer-Aided Engineering, 1993, 1, 43-55.	4.6	21
198	Optimal Design of PID Process Controllers based on Genetic Algorithms. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1993, 26, 193-197.	0.4	32
199	An Integrated Virtual Environment System. Presence: Teleoperators and Virtual Environments, 1993, 2, 353-360.	0.6	3
200	A Genetic Algorithm to Improve a Neural Network to Predict a Patientâ€™s Response to Warfarin. Methods of Information in Medicine, 1993, 32, 55-58.	1.2	37
201	Modified restricted Coulomb energy neural network. Electronics Letters, 1993, 29, 1963.	1.0	9
202	Genetic algorithms-based design and optimization of statistical quality-control procedures. Clinical Chemistry, 1993, 39, 1972-1978.	3.2	11

#	ARTICLE	IF	CITATIONS
203	Fuzzy Inference for Variable Structure Control. Journal of Intelligent and Fuzzy Systems, 1994, 2, 229-241.	1.4	3
204	Multi-model optimization in SWIM. , 0, , .		0
205	On-the-Fly Knowledge Base Refinement by a Classifier System. AI Communications, 1994, 7, 86-97.	1.2	6
206	A Hyper-Semantic Approach to Intelligent Information Systems. Integrated Computer-Aided Engineering, 1994, 1, 341-357.	4.6	2
207	Optimized Design of Modular VLSI Chips Using Genetic Algorithms. Integrated Computer-Aided Engineering, 1994, 1, 421-430.	4.6	0
208	An evolutionary search algorithm for adaptive IIR equalizer. , 0, , .		3
209	Robust fuzzy controllers. , 0, , .		3
210	Evolutive algorithms pioneering neural networks training for artificial vision applications. , 0, , .		1
211	Genetic algorithms for neuromagnetic source reconstruction. , 0, , .		2
212	The optimisation of multiplier-free directed graphs: an approach using genetic algorithms. , 0, , .		2
213	Optimised competitive feature vector network. Electronics Letters, 1994, 30, 2052-2053.	1.0	2
214	A stochastic comparison algorithm for continuous optimization with estimation. , 0, , .		0
215	Genetic Algorithms as an Approach to Configuration and Topology Design. Journal of Mechanical Design, Transactions of the ASME, 1994, 116, 1005-1012.	2.9	239
216	Neural networks as process controllers-optimization aspects. , 0, , .		5
217	Model-based matching using a hybrid genetic algorithm. , 0, , .		4
218	Suppression of excessive fuzziness using multiple fuzzy classifier systems. , 0, , .		10
219	Penalty functions and the knapsack problem. , 0, , .		34
220	Genetic Allgorithm for Dynamic Task Scheduling. , 0, , .		6

#	ARTICLE	IF	CITATIONS
221	Designing telecommunications networks using genetic algorithms and probabilistic minimum spanning trees. , 1994, , .		28
222	Residual statics estimation using the genetic algorithm. Geophysics, 1994, 59, 766-774.	2.6	28
223	<title>Knowledge-based system for detailed blade design of turbines</title>. , 1994, , .		2
224	Data compression by multiresolution tree search. Optical Engineering, 1994, 33, 2136.	1.0	8
225	Improved model for European international telephony traffic. Electronics Letters, 1994, 30, 1468-1470.	1.0	21
226	Walsh and Haar functions in genetic algorithms. , 1994, , .		5
227	A ring loading application of genetic algorithms. , 1994, , .		8
228	A genetic algorithm for learning fuzzy controllers. , 1994, , .		8
229	A parallel island model genetic algorithm for the multiprocessor scheduling problem. , 1994, , .		32
230	Sequential circuit test generation in a genetic algorithm framework. , 1994, , .		118
231	Representational effects in a simple classifier system. , 1994, , .		1
232	GATutor. , 1994, , .		5
233	A fast and stable hybrid genetic algorithm for the ratio-cut partitioning problem on hypergraphs. , 1994, , .		23
234	Evolving virtual creatures. , 1994, , .		559
235	Constant-time neural decoders for some BCH codes. , 0, , .		1
236	Genetic algorithms and discrete event systems: an application. , 0, , .		2
237	Are deception and complexity conjugate variables in genetic learning?. , 0, , .		0
238	A solution of combinatorial optimization problem by uniting genetic algorithms with Hopfield's model. , 0, , .		6

#	ARTICLE	IF	CITATIONS
239	Pattern fed objects: a new approach for textured image segmentation. , 0, , .		0
240	Probabilistic concurrent programming using multiset transactions. , 0, , .		0
241	GAME: a framework for programming genetic algorithms applications. , 0, , .		1
242	Using an annealing genetic algorithm to solve global energy minimization problem in molecular binding. , 0, , .		3
243	Optimization of fuzzy clustering criteria using genetic algorithms. , 0, , .		45
244	Optimum distribution system harmonic filter design using a genetic algorithm. Electric Power Systems Research, 1994, 30, 263-267.	3.6	5
245	Combining evolution with credit apportionment: A new learning algorithm for neural nets. Neural Networks, 1994, 7, 341-351.	5.9	65
246	A novel approach for computing the global minimum of proteins Part 3. Comparison with other global minimization methods. Journal of Molecular Structure, 1994, 324, 151-156.	3.6	0
247	Optimization of simulation models with GADELO: a multi-population genetic algorithm. International Journal of Bio-medical Computing, 1994, 35, 61-77.	0.5	1
248	Basic aspects of evolution strategies. Statistics and Computing, 1994, 4, 51.	1.5	25
249	Genetic algorithms and scatter search: unsuspected potentials. Statistics and Computing, 1994, 4, 131.	1.5	103
250	Non-standard methods in evolutionary computation. Statistics and Computing, 1994, 4, 141.	1.5	5
251	A new competitive learning approach based on an equidistortion principle for designing optimal vector quantizers. Neural Networks, 1994, 7, 1211-1227.	5.9	76
252	An analytic modeling and system identification study of rotor/fuselage dynamics at Hover. Mathematical and Computer Modelling, 1994, 19, 47-67.	2.0	3
253	Genetically improved presequences for euclidean traveling salesman problems. Mathematical and Computer Modelling, 1994, 20, 135-143.	2.0	4
254	A sequential sampling procedure for genetic algorithms. Computers and Mathematics With Applications, 1994, 27, 77-82.	2.7	9
255	Genetic algorithms used in model finding and fitting for neutron reflection experiments. Physica B: Condensed Matter, 1994, 198, 24-26.	2.7	36
256	Short-term load forecasting by a neural network and a refined genetic algorithm. Electric Power Systems Research, 1994, 31, 147-152.	3.6	28

#	ARTICLE	IF	CITATIONS
257	Knowledge-based design research at the key centre of design computing. Automation in Construction, 1994, 3, 229-237.	9.8	2
258	Genetic algorithms for optimal logical database design. Information and Software Technology, 1994, 36, 725-732.	4.4	3
259	Evolving prototype control rules for a dynamic system. Knowledge-Based Systems, 1994, 7, 142-145.	7.1	1
260	Hydraulic compliance identification using a parallel genetic algorithm. Mechatronics, 1994, 4, 617-633.	3.3	2
261	Decentral Production Scheduling of Assembly Systems with Genetic Algorithm. CIRP Annals - Manufacturing Technology, 1994, 43, 389-395.	3.6	38
262	Experiences with EDO: An evolutionary database optimizer. Data and Knowledge Engineering, 1994, 13, 243-263.	3.4	9
263	Evolution program for bicriteria transportation problem. Computers and Industrial Engineering, 1994, 27, 481-484.	6.3	19
264	Genetic search with dynamic operating disciplines. Computers and Operations Research, 1994, 21, 941-954.	4.0	4
265	System optimization of turbofan engines using genetic algorithms. Applied Mathematical Modelling, 1994, 18, 72-83.	4.2	32
266	Use of extreme value theory in engineering decision making. Journal of Manufacturing Systems, 1994, 13, 302-312.	13.9	6
267	Optimal evaluation of path predicates in object-oriented queries. Microprocessing and Microprogramming, 1994, 40, 751-754.	0.2	0
268	Distribution algorithms for document allocation in multiprocessor information retrieval systems. Microprocessing and Microprogramming, 1994, 40, 327-354.	0.2	0
269	Genetic and entropy methods for laser process prediction. Optics and Lasers in Engineering, 1994, 21, 117-132.	3.8	1
270	Simulated Darwinian evolution of homogenous multilayer systems: a new method for optical coatings design. Optics Communications, 1994, 110, 503-506.	2.1	18
271	Coordination in evolutionary multi-agent-robotic system using fuzzy and genetic algorithm. Control Engineering Practice, 1994, 2, 103-111.	5.5	23
272	A genetic algorithm for fragment allocation in a distributed database system. , 1994, , .		23
273	Muiltiobjective Optimization Using Nondominated Sorting in Genetic Algorithms. Evolutionary Computation, 1994, 2, 221-248.	3.0	5,518
274	Robust shape from shading. Image and Vision Computing, 1994, 12, 411-421.	4.5	24

#	ARTICLE	IF	CITATIONS
275	A decision support system for in-sample simultaneous equation systems forecasting using artificial neural systems. Decision Support Systems, 1994, 11, 481-495.	5.9	12
276	Genetic-algorithm programming environments. Computer, 1994, 27, 28-43.	1.1	199
277	Fast adaptation and performance characteristics of FIR-WOS hybrid filters. IEEE Transactions on Signal Processing, 1994, 42, 1610-1628.	5.3	43
278	A New Representation and Operators for Genetic Algorithms Applied to Grouping Problems. Evolutionary Computation, 1994, 2, 123-144.	3.0	186
279	Optimal simulator aerodynamic model definition using a Genetic Algorithm. , 1994, , .		1
280	Evolutionary computation techniques for nonlinear programming problems. International Transactions in Operational Research, 1994, 1, 223-240.	2.7	46
281	Design of sophisticated fuzzy logic controllers using genetic algorithms. , 0, , .		30
282	Autonomous rule generation and assessment for complex spatial modeling. Landscape and Urban Planning, 1994, 30, 13-26.	7.5	18
283	DESIGN OF COMPOSITE LAMINATES BY A GENETIC ALGORITHM WITH MEMORY. Mechanics of Advanced Materials and Structures, 1994, 1, 95-117.	2.6	75
284	Learning compatibility coefficients for relaxation labeling processes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1994, 16, 933-945.	13.9	70
285	Molecular docking using genetic algorithms. , 1994, , .		0
286	A niched Pareto genetic algorithm for multiobjective optimization. , 0, , .		1,187
287	Generating test patterns for VLSI circuits using a genetic algorithm. Electronics Letters, 1994, 30, 778-779.	1.0	31
288	The zero/one multiple knapsack problem and genetic algorithms. , 1994, , .		169
289	Varying quality function in genetic algorithms and the cutting problem. , 0, , .		13
290	Genetic algorithm approach to the configuration of wavelet packet processing tree. , 0, , .		1
291	Genetic robustification of digital model-following flight-control systems. , 0, , .		6
292	Typed expressions evolution of artificial nervous systems. , 0, , .		2

#	ARTICLE	IF	CITATIONS
293	Highly paralellizable route planner based on cellular automata algorithms. IBM Journal of Research and Development, 1994, 38, 167-181.	3.1	9
294	Grammar-based optimization of synthesis scenarios. , 0, , .		3
295	Optimization of multiprocessor real-time embedded system structures. , 0, , .		1
296	A knowledge-based genetic heuristic for learning certainty factors. , 0, , .		2
297	Data compression by multiresolution wavelet packet tree search. , 0, , .		0
298	Performance Comparison of Two Algorithms for Task Assignment. , 1994, , .		1
299	Integrating multiple knowledge sources using genetic algorithm applied to hierarchically structured sensor data. , 0, , .		0
300	Design By Expectation: a framework for engineering design optimization. , 0, , .		1
301	Learning of decision regions based on the genetic algorithm. , 0, , .		4
302	Machine learning and genetic algorithms: an application to character recognition. , 0, , .		4
303	A genetic learning system for on-line character recognition. , 0, , .		5
304	Extended forking genetic algorithm for order representation (o-fGA). , 0, , .		3
305	Searching for complete functions over E(3) with small radii. , 0, , .		1
306	Dynamic scheduling of computer tasks using genetic algorithms. , 0, , .		11
307	A Novel Motion Estimation Technique Using Genetic Algorithm Search. , 0, , .		0
308	Scheduling multiple job problems with guided evolutionary simulated annealing approach. , 0, , .		5
309	A method for utilizing diploid/dominance in genetic search. , 0, , .		2
310	A hybrid machine learning system and its application to insurance underwriting. , 0, , .		5

#	ARTICLE	IF	CITATIONS
311	A genetic algorithm approach to design flux observer for induction servo motors. , 0, , .		1
312	A genetic algorithm for database query optimization. , 0, , .		5
313	Remote diagnosis and monitoring of complex industrial systems using a genetic algorithm approach. , 0, , .		7
314	Identity in a Biomimetic System using an Antagonistic Dynamic. World Futures, 1994, 42, 59-69.	1.0	0
315	A Study on Dynamically Reconfigurable Robotic System. 18th Report. Evolutional Programming Method for Optimal Structurization of Distributed Autonomous Systems.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 1994, 60, 4236-4244.	0.2	0
316	<title>Genetic algorithm for maximum entropy image restoration</title>. , 1994, 2304, 253.		2
317	Genetic Algorithms for Combinatorial Optimization: The Assemble Line Balancing Problem. ORSA Journal on Computing, 1994, 6, 161-173.	1.7	143
318	Identification of Parameters and Time Delays of Continuous Systems using the Genetic Algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 1573-1578.	0.4	3
319	Heterogeneous architectures for real-time control: Design tools and scheduling issues. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1994, 27, 89-94.	0.4	2
320	<title>Morphological filter design with genetic algorithms</title>. , 1994, , .		6
321	<title>Genetic algorithms applied to assembly operations</title>. , 1994, , .		3
322	Advanced genetic algorithms applied in MRFACS for fuzzy rules set optimization. , 0, , .		0
323	<title>Voxel similarity measures for automated image registration</title>. , 1994, , .		73
324	<title>Determination of fuzzy decision fusion system parameters by genetic algorithms</title>. , 1994, , .		2
325	<title>Optical design of astronomical telescopes with large-scale computational methods by distributed processing on local area networks</title>. , 1994, , .		0
327	Genetic Algorithms, Classifier Systems and Genetic Programming and their Use in the Models of Adaptive Behaviour and Learning. Economic Journal, 1995, 105, 788.	3.6	9
328	An Artificial Intelligence Methodology for the Adaptation of Agricultural Models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 133-138.	0.4	0
329	Parameter estimation for a generalized parallel loop scheduling algorithm. , 0, , .		0

#	ARTICLE	IF	CITATIONS
330	System design with deteriorative components for minimal life cycle costs. , 0, , .		5
331	An integrated framework for devising optimum generation schedules. , 0, , .		4
332	Integrated fuzzy/nonlinear flight controller synthesis for rotorcraft. , 1995, , .		2
333	Genetic algorithms: An overview. Complexity, 1995, 1, 31-39.	1.6	148
334	Genetic tuning with concept of stabilizable chromosomes in nonlinear controller design. , 0, , .		0
335	A Method for Solving Fuzzy Optimal Reliability Design Problem by Genetic Algorithm. Journal of Japan Society for Fuzzy Theory and Systems, 1995, 7, 1062-1072.	0.0	8
336	Data Linguistic Expression Method using Genetic Algorithms. Journal of Japan Society for Fuzzy Theory and Systems, 1995, 7, 1007-1021.	0.0	1
337	Global execution time minimization by allocating tasks in parallel systems. , 0, , .		1
338	DAISY - A Driver Assisting System Which Adapts to the Driver. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 523-528.	0.4	2
339	Intelligent Control for Plant Production System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 139-144.	0.4	28
340	New Approach to Total Production Systems Based on an Intelligent Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 183-188.	0.4	1
341	General Methods of Kinetic Model Reduction. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1995, 28, 63-68.	0.4	0
342	Scheduling a Flexible Manufacturing System with Tooling Constraints: An Actual Case Study. Interfaces, 1995, 25, 42-54.	1.5	8
343	Genetic algorithm for job shop scheduling problems based on two representational schemes. Electronics Letters, 1995, 31, 2051-2053.	1.0	10
344	A new reconfiguration concept for flight control systems. , 1995, , .		2
345	Developing Automated and Smart Spatial Pattern Exploration Tools for Geographical Information Systems Applications. Journal of the Royal Statistical Society: Series D (the Statistician), 1995, 44, 3.	0.2	34
346	<title>Experience in satellite Doppler positioning using an evolutionary approach</title>. , 1995, , .		1
347	Genetic-algorithm-based reliability optimization for computer network expansion. IEEE Transactions on Reliability, 1995, 44, 63-72.	4.6	105

#	ARTICLE	IF	CITATIONS
348	Optimal design of a finite-buffer polling network with mixed service discipline and general service order sequence. IET Communications, 1995, 142, 1.	1.0	9
349	Influence of an applied magnetic field on shielding current paths in a high TC superconductor. Cryogenics, 1995, 35, 893-899.	1.7	3
350	Fuzzy modelling environment for designing fuzzy controllers. Fuzzy Sets and Systems, 1995, 70, 287-301.	2.7	9
351	A genetic algorithm for the knowledge base partitioning problem. Pattern Recognition Letters, 1995, 16, 873-879.	4.2	6
352	Scheduling arrivals to queues for minimum average blocking: The S(n)/M/C/C system. Computers and Operations Research, 1995, 22, 793-806.	4.0	3
353	Generating feasible cyclic schedules. Control Engineering Practice, 1995, 3, 151-162.	5.5	19
354	System design and evaluation using discrete event simulation with AI. European Journal of Operational Research, 1995, 84, 213-225.	5.7	8
355	Buffer size optimization in asynchronous assembly systems using genetic algorithms. Computers and Industrial Engineering, 1995, 28, 309-322.	6.3	39
356	A real-world scheduling problem using genetic algorithms. Computers and Industrial Engineering, 1995, 29, 177-181.	6.3	14
357	Computing with genetic algorithms in the context of adaptive neural filtering. Pattern Recognition Letters, 1995, 16, 125-132.	4.2	2
358	Genetic algorithm for applying constraints in chromosome classification. Pattern Recognition Letters, 1995, 16, 857-864.	4.2	12
359	Application of genetic algorithms to stereo matching of images. Pattern Recognition Letters, 1995, 16, 815-821.	4.2	42
360	An evolutionary approach to training relaxation labeling processes. Pattern Recognition Letters, 1995, 16, 1069-1078.	4.2	11
361	A genetic algorithm to search for optimal and suboptimal RNA secondary structures. Biophysical Chemistry, 1995, 55, 253-259.	2.8	35
362	Hans J. Bremermann: A pioneer in mathematical biology. BioSystems, 1995, 34, 1-10.	2.0	6
363	Evolutionary credit apportionment and its application to time-dependent neural processing. BioSystems, 1995, 34, 161-172.	2.0	1
365	An analysis of an embedded crossover scheme on a GA-hard problem. Computers and Operations Research, 1995, 22, 149-157.	4.0	3
366	Evolution and development of control architectures in animats. Robotics and Autonomous Systems, 1995, 16, 161-182.	5.1	71

#	ARTICLE	IF	CITATIONS
367	Genetic neuro-scheduler: A new approach for job shop scheduling. International Journal of Production Economics, 1995, 41, 135-145.	8.9	27
368	Testing control software using a genetic algorithm. Engineering Applications of Artificial Intelligence, 1995, 8, 671-680.	8.1	10
369	Fuzzy control of rider-motorcycle system using genetic algorithm and auto-tuning. Mechatronics, 1995, 5, 441-455.	3.3	13
370	Theoretical approaches to designing novel sequences to fit a given fold. Current Opinion in Biotechnology, 1995, 6, 452-459.	6.6	6
371	Genetic algorithm for open-loop distribution system design. Electric Power Systems Research, 1995, 32, 81-87.	3.6	33
372	A nonparametric bound for the bayes error. Pattern Recognition, 1995, 28, 921-930.	8.1	4
373	Using genetic algorithms for the variable ordering of Reed-Muller binary decision diagrams. Microelectronics Journal, 1995, 26, 471-480.	2.0	5
374	Switching-type fuzzy controller design by genetic algorithms. Fuzzy Sets and Systems, 1995, 74, 175-185.	2.7	38
375	A genetic algorithm-based circuit partitioner for MCMs. Microprocessing and Microprogramming, 1995, 41, 83-96.	0.2	3
376	Adaptive stochastic optimization using multiprocessors. Applied Mathematics and Computation, 1995, 72, 225-257.	2.2	3
377	Genetic search methods for assessing geometric tolerances. Computer Methods in Applied Mechanics and Engineering, 1995, 122, 193-204.	6.6	13
378	An evolutionary technique for local microcode compaction. Microprocessors and Microsystems, 1995, 19, 467-474.	2.8	4
379	Developments in the use of the genetic algorithm in engineering design. Design Studies, 1995, 16, 507-524.	3.1	21
380	A successive learning neuro GA control system shooting an irregular moving object. Neurocomputing, 1995, 9, 27-38.	5.9	1
381	Application of Markov decision processes to search problems. Decision Support Systems, 1995, 14, 283-298.	5.9	2
382	Emergent computation and the modeling and management of ecological systems. Computers and Electronics in Agriculture, 1995, 12, 183-209.	7.7	22
383	A parameter tuning for dynamic simulation of power plants using genetic algorithms. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 1995, 115, 104-113.	0.4	7
384	Application of genetic algorithms to service restoration in distribution systems. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 1995, 115, 30-38.	0.4	10

#	Article	IF	Citations
385	Planning Focus of Attention for Multifingered Hand with Consideration of Time-Varying Aspects. Computer Vision and Image Understanding, 1995, 61, 445-453.	4.7	4
386	Inductive Reasoning Supports the Design of Fuzzy Controllers. Journal of Intelligent and Fuzzy Systems, 1995, 3, 71-85.	1.4	4
387	Generating pattern-recognition systems using evolutionary learning. IEEE Intelligent Systems, 1995, 10, 63-68.	1.0	4
388	A hybrid genetic algorithm/fuzzy logic approach to manufacturing process control. , 0, , .		2
389	Selection of attributes for modeling Bach chorales by a genetic algorithm. , 0, , .		0
390	Genetic computation of geodesics on three-dimensional curved surfaces. , 1995, , .		1
391	Disney meets Darwin-the evolution of funny animated figures. , 0, , .		14
392	An optimization approach for the fuzzy control of turning operations. , 0, , .		3
393	The shape of space. , 1995, , .		7
394	Some new results for multiple-valued genetic algorithms. , 0, , .		2
395	On genetic representation of high dimensional fuzzy systems. , 0, , .		3
396	A cellular automata representation for assembly simulation and sequence generation. , 0, , .		9
397	Systematic objective-driven computer architecture optimization. , 0, , .		3
398	Scheduling of generators with a hybrid genetic algorithm. , 1995, , .		7
399	Genetic algorithms: A new approach to energy balance equations. Applied Physics Letters, 1995, 66, 1812-1814.	3.3	5
400	TRAINING NEURAL NETWORKS BY MEANS OF GENETIC ALGORITHMS WORKING ON VERY LONG CHROMOSOMES. International Journal of Neural Systems, 1995, 06, 299-316.	5.2	34
401	Evolutionary algorithms with a coarse-to-fine function smoothing. , 0, , .		8
402	Hybridizing a genetic algorithm with rule-based reasoning for production planning. IEEE Intelligent Systems, 1995, 10, 60-67.	1.0	29

#	ARTICLE	IF	CITATIONS
403	PARSING UNCERTAIN CONTEXT-FREE LANGUAGES BY GENETIC ALGORITHMS. International Journal of Parallel, Emergent and Distributed Systems, 1995, 7, 209-228.	0.4	0
404	Genetic-based reinforcement learning for fuzzy logic control systems. , 0, , .		0
405	Solving the load-flow problem using genetic algorithm. , 0, , .		3
406	On the m-Way Graph Partitioning Problem. Computer Journal, 1995, 38, 237-244.	2.4	3
407	Genetic Algorithm Approach for Optimal Control Problems with Linearly Appearing Controls. Journal of Guidance, Control, and Dynamics, 1995, 18, 177-182.	2.8	34
408	Analyzing long-chain rules extracted from a learning classifier system. , 0, , .		1
409	A modified genetic algorithm for neurocontrollers. , 0, , .		5
410	A novel intelligent environment dedicated to ANN fast prototyping. , 0, , .		0
411	An evolutionary approach to vector quantizer design. , 0, , .		1
412	Genetic optimization for the design of an n-step fuzzy controller. , 0, , .		1
413	The use of a genetic algorithm in power plant control system design. , 0, , .		5
414	Hybrid evolutionary programming with fast convergence for constrained optimization problems. , 0, , .		0
415	Genetic-neuro-fuzzy systems: a promising fusion. , 0, , .		7
416	Lamarckian GA with genetic supervision. , 0, , .		2
417	Genetic algorithms for robot control. , 0, , .		2
418	Beam transport lines at BESSY-II. , 0, , .		0
419	Mixed genetic strategies for point pattern reconstruction with substantially incomplete information. , 0, , .		1
420	MRFACS with nonlinear consequents by fuzzy identification of system for time delay system. , 0, , .		5

#	ARTICLE	IF	CITATIONS
421	A parallel genetic algorithm for service restoration in electric power distribution systems. , 0, , .		32
422	Holland classifier systems. , 1995, , .		9
423	Power-profiler. , 1995, , .		61
424	Genetic algorithms in optimizing simulated systems. , 1995, , .		21
425	On genetic algorithms. , 1995, , .		45
426	A combination of genetic algorithm and simulated evolution techniques for clustering. , 1995, , .		3
427	Use of genetic algorithms in three-dimensional reconstruction in carbon black aggregates. , 1995, , .		0
428	Determinant factorization and cycle basis. , 1995, , .		17
429	On the effectiveness of genetic search in combinatorial optimization. , 1995, , .		11
430	Discovering multiple fuzzy models using the EFMCN algorithm. , 1995, , .		0
431	Fitness inheritance in genetic algorithms. , 1995, , .		117
432	Solving the three-star tree isomorphism problem using genetic algorithms. , 1995, , .		1
433	A sparse matrix representation for production scheduling using genetic algorithms. , 1995, , .		1
434	A genetic algorithm for optimizing problems with multiple disparate data types. , 1995, , .		0
435	Chapter 1 Simulated annealing and generalizations. Data Handling in Science and Technology, 1995, , 3-24.	3.1	3
436	Detecting multiple outliers in regression data using genetic algorithms. , 1995, , .		4
437	Comparison of a heuristic method with a genetic algorithm for generation of compact rule based classifiers. , 1995, , .		5
438	Using genetic algorithms to improve interpretation of satellite data. , 1995, , .		0

#	ARTICLE	IF	CITATIONS
439	Combining deterministic and genetic approaches for sequential circuit test generation. , 1995, , .		46
440	DARWIN. , 1995, , .		101
441	Model–based inversion of amplitude–variations–with–offset data using a genetic algorithm. Geophysics, 1995, 60, 939-954.	2.6	189
442	Combination of direct global and local optimization methods. , 0, , .		6
443	Processing of Constraints in Transportation Network Design Problem. Journal of Computing in Civil Engineering, 1995, 9, 21-28.	4.7	8
444	A genetic algorithm approach for electric pump scheduling in water supply systems. , 0, , .		12
445	Camera-assisted calibration of SCARA arms. , 0, , .		0
446	Genetic algorithms and fuzzy theory for optimization and control of food processes. Developments in Food Science, 1995, , 2169-2182.	0.0	2
447	Fuzzy genetic controllers for the autonomous rendezvous and docking problem. , 1995, , .		1
448	Tackling Car Sequencing Problems Using a Generic Genetic Algorithm. Evolutionary Computation, 1995, 3, 267-298.	3.0	38
449	A modified genetic algorithm: meta-level control of migration in a distributed GA. , 0, , .		1
450	Genetic robustification of digital trajectory-tracking controllers for robotic manipulators. , 0, , .		2
451	Clustering using a coarse-grained parallel genetic algorithm: a preliminary study. , 0, , .		5
452	Approximation techniques for variations of the p-median problem. , 1995, , .		3
453	Optimization of fuzzy membership function parameters. , 0, , .		21
454	Rapid generation of strange attractors with the eugenic genetic algorithm. Computers and Graphics, 1995, 19, 151-156.	2.5	5
455	A dynamic systems approach to the development of cognition and action. Cognitive Development, 1995, 10, 621-642.	1.3	51
456	A fuzzy classifier system that generates fuzzy if-then rules for pattern classification problems. , 0, , .		49

#	Article	IF	Citations
457	Genetic algorithms for object recognition in a complex scene. , 0, , .		39
458	Shape optimization in contact problems with desired contact traction distribution on the specified contact surface. Computational Mechanics, 1995, 15, 534-545.	4.0	2
459	Hybrid GA/SA algorithms for evaluating trade-off between economic cost and environmental impact in generation dispatch. , 0, , .		11
460	Real-time distributed computing. , 0, , .		6
461	A study on signature verification using a new approach to genetic based machine learning. , 0, , .		7
462	Motion planning of a redundant manipulator-criteria of skilled operators by fuzzy-ID3 and GMDH and optimization by GA. , 0, , .		6
463	An effectiveness analysis of genetic operators for TSP. , 0, , .		0
464	Motion planning of a redundant manipulator-modeling of criteria of skilled operators and global optimization of redundancy. , 0, , .		0
465	Disjunctive form concept learning system based on genetic algorithm. , 0, , .		1
466	More efficient genetic algorithm for solving optimization problems. , 0, , .		14
467	Timing driven genetic algorithm for standard-cell placement. , 0, , .		1
468	Application of genetic algorithms to system identification. , 0, , .		12
469	Using genetic algorithms to solve Boolean equations. , 0, , .		1
470	Improving generalization by using genetic algorithms to determine the neural network size. , 0, , .		5
471	Instruction-set matching and GA-based selection for embedded-processor code generation. , 0, , .		7
472	Artificial life and evolutionary computing in machine perception. , 0, , .		5
473	The application of evolution strategies to the problem of parameter optimization in fuzzy rulebased systems. , 0, , .		5
474	Discovery of self-replicating structures using a genetic algorithm. , 0, , .		14

#	ARTICLE	IF	CITATIONS
475	Multiobjective control systems design by genetic algorithms. , 0, , .		5
476	Genetic algorithms for scan path design. , 0, , .		0
477	Measurement of robustness for biped locomotion using linearized Poincare' map. , 0, , .		6
478	Application of genetic algorithm to design of artificial ground. , 0, , .		0
479	Evolving complex neural networks that age. , 0, , .		2
480	A genetic approach to test application time reduction for full scan and partial scan circuits. , 0, , .		20
481	Using genetic algorithms to design laminated composite structures. IEEE Intelligent Systems, 1995, 10, 42-49.	1.0	15
482	Comparative study of heuristics for optimal printed circuit board assembly. , 0, , .		14
483	Minimum classification error optimization of word recognizers using evolution strategies. , 0, , .		1
484	On GA-based optimal fuzzy control. , 0, , .		0
485	Genetic algorithm-based optimization of fuzzy logic controller using characteristic parameters. , 0, , .		16
486	Towards a genetic based prototyper for character shapes. , 0, , .		5
487	Three-level traffic shaper and its application to source clock frequency recovery for VBR video services in ATM networks. IEEE/ACM Transactions on Networking, 1995, 3, 450-458.	3.8	6
488	A genetic algorithm for decomposition type choice in OKFDDs. , 0, , .		0
489	Robust learning algorithms for multi-layer perceptrons with discretized synaptic weights. , 0, , .		1
490	Registration of 3-D images by genetic optimization. Pattern Recognition Letters, 1995, 16, 823-841.	4.2	49
491	The genetic algorithm based tuning method for symmetric membership functions of fuzzy logic control systems. , 0, , .		12
492	Financial forecasting using genetic algorithms. Applied Artificial Intelligence, 1996, 10, 543-566.	3.2	131

#	ARTICLE	IF	CITATIONS
493	Programmable BIST space compactors. IEEE Transactions on Computers, 1996, 45, 1393-1404.	3.4	32
494	Use of advanced techniques to optimize a multi-dimensional dairy model. Agricultural Systems, 1996, 50, 239-253.	6.1	32
495	ORGANIZATIONAL EVOLUTION, LEARNING, AND SELECTION: A GENETIC-ALGORITHM-BASED MODEL.. Academy of Management Journal, 1996, 39, 1322-1349.	6.3	144
496	Evolutionary Models in Foreign Policy Analysis. International Studies Quarterly, 1996, 40, 343.	1.5	13
497	Packet synchronization for synchronous optical deflection-routed interconnection networks. IEEE Transactions on Parallel and Distributed Systems, 1996, 7, 605-611.	5.6	6
498	Genetic programming techniques that evolve recurrent neural network architectures for signal processing. , 0, , .		4
499	Stability and optimality in genetic algorithm controllers. , 0, , .		11
500	A clearing procedure as a niching method for genetic algorithms. , 1996, , .		428
502	Approximate algorithms for marketing management problems. Journal of Retailing and Consumer Services, 1996, 3, 145-154.	9.4	9
503	Three-country trade relations: A discrete dynamic game approach. Computers and Mathematics With Applications, 1996, 32, 43-56.	2.7	8
504	Comparison of steady state and generational genetic algorithms for use in nonstationary environments. , 0, , .		45
505	An application of genetic algorithms and neural networks to scheduling power generating systems. Lecture Notes in Computer Science, 1996, , 811-818.	1.3	0
506	Fuzzy rule extraction by a genetic algorithm and constrained nonlinear optimization of membership functions. , 0, , .		17
507	A genetic-based approach to the formation of manufacturing cells and batch scheduling. , 0, , .		3
508	Automatic generation of finite difference meshes by an evolutionary algorithm. IEEE Transactions on Magnetics, 1996, 32, 1338-1340.	2.1	4
509	Emergence of effective fuzzy rules for controlling mobile robots using DNA coding method. , 0, , .		11
510	Polygonal approximation using genetic algorithm. , 0, , .		3
511	Virtual Kabuki Theater: towards the realization of human metamorphosis systems. , 0, , .		18

#	ARTICLE	IF	CITATIONS
512	Primary production scheduling at steelmaking industries. IBM Journal of Research and Development, 1996, 40, 231-252.	3.1	101
513	A new evolutionary model based on family eugenics: the first results. , 0, , .		1
514	A systems-level modular design approach to field robotics. , 0, , .		33
515	Realtime reinforcement learning for a real robot in the real environment. , 0, , .		13
516	An MCM/IC timing-driven placement algorithm featuring explicit design space exploration. , 0, , .		13
517	Breeder genetic algorithms for airfoil design optimisation. , 0, , .		7
518	Design of discrete-time control systems by multiobjective genetic algorithms. , 0, , .		0
519	Piecewise-linear classifiers, formal neurons and separability of the learning sets. , 1996, , .		20
520	Automatic test generation using genetically-engineered distinguishing sequences. , 0, , .		37
521	Algorithm for two stage reliability enhancement in radial distribution systems. , 0, , .		0
522	Control of an autonomous underwater vehicle testbed using fuzzy logic and genetic algorithms. , 0, , .		6
523	A high heat flux IGBT micro exchanger setup. , 0, , .		1
524	Robust optimization using training set evolution. , 0, , .		1
526	VQ codevector index assignment, using genetic algorithms for noisy channels. , 0, , .		2
527	Genetic Algorithms-a Tool for OR?. Journal of the Operational Research Society, 1996, 47, 550-561.	3.4	50
529	Genetic algorithms-based creation of fuzzy-rule bases for the car control. Lecture Notes in Computer Science, 1996, , 475-482.	1.3	0
530	Convergence theorem of genetic algorithm. , 0, , .		0
531	Autotuning for fuzzy-PI control using genetic algorithm. , 0, , .		6

#	Article	IF	Citations
532	\<title>Real-time facial expression detection based on frequency domain transform\</title>. , 1996, 2727, 916.		10
533	Theoretical Foundations of Order-Based Genetic Algorithms. Fundamenta Informaticae, 1996, 28, 423-430.	0.4	61
534	Structural cell-based VLSI circuit design using a genetic algorithm. , 0, , .		12
535	On polynomial-approximated solutions to the film copy deliverer problem. , 0, , .		1
536	A Computational Study of Distributed Rule Learning. Information Systems Research, 1996, 7, 189-197.	3.7	16
537	Developing transportable agricultural decision support systems: Part 1. A conceptual framework. Computers and Electronics in Agriculture, 1996, 14, 291-300.	7.7	4
538	Developing transportable agricultural decision support systems: Part 2. An example. Computers and Electronics in Agriculture, 1996, 14, 301-315.	7.7	3
539	The Genetic Algorithm Applied as a Modelling Tool to Predict the Fold of Small Proteins with Different Topologies. Journal of Molecular Modeling, 1996, 2, 304-306.	1.8	0
540	Selection of features for signature verification using the genetic algorithm. Computers and Industrial Engineering, 1996, 30, 1037-1045.	6.3	17
541	Clan-based evolutionary approach for solving control problems. Computers and Mathematics With Applications, 1996, 31, 41-60.	2.7	0
542	An evolutionary approach for configuring economical packet switched computer networks. Advanced Engineering Informatics, 1996, 10, 127-134.	0.5	16
543	Transputer based GA motion control for PUMA robot. Mechatronics, 1996, 6, 349-365.	3.3	2
544	Solving optimization problems with variable-constraint by an extended Cohen-Grossberg model. Theoretical Computer Science, 1996, 158, 279-341.	0.9	12
545	A genetic algorithm method for optimizing fuzzy decision trees. Information Sciences, 1996, 89, 275-296.	6.9	31
546	Modeling Plasmalemma Ion Transport of the Aquatic Plant Egeria densa Dedicated to: Prof. Dr. Eberhard MÃ¼ller on the occasion of his 65th birthday.-->. Journal of Membrane Biology, 1996, 154, 109-118.	2.1	7
547	Adoption of a genetic algorithm (GA) for tomographic reconstruction of line-of-sight optical images. Experiments in Fluids, 1996, 22, 137-143.	2.4	13
548	The Method for Designing the Profile of Forest Roads Supported by Genetic Algorithm. Journal of Forest Research, 1996, 1, 45-49.	1.4	11
549	Neurocomputing motivation, models, and hybridization. Computer, 1996, 29, 24.	1.1	15

#	Article	IF	Citations
550	A search space toolkit: SST. Decision Support Systems, 1996, 18, 341-356.	5.9	12
551	Visiplan: A knowledge-based modelling tool. IET Control Theory and Applications, 1996, 143, 73-84.	1.7	1
552	Model reduction with time delay combining the least-squares method with the genetic algorithm. IET Control Theory and Applications, 1996, 143, 247-254.	1.7	36
553	Learning systems in intelligent control: an appraisal of fuzzy, neural and genetic algorithm control applications. IET Control Theory and Applications, 1996, 143, 367-386.	1.7	134
554	Stochastic modelling of Genetic Algorithms. Artificial Intelligence, 1996, 82, 303-330.	5.8	19
555	Genetic algorithms in aquifer management. Journal of Network and Computer Applications, 1996, 19, 171-187.	9.1	5
556	A Framework for Multiresolution Optimization in a Parallel/Distributed Environment: Simulation of Hierarchical GAs. Journal of Parallel and Distributed Computing, 1996, 32, 90-102.	4.1	8
557	Applicability of genetic algorithms to optimal evaluation of path predicates in object-oriented queries. Information Processing Letters, 1996, 58, 123-128.	0.6	1
558	Splicing systems with targets are computationally universal. Information Processing Letters, 1996, 59, 129-133.	0.6	14
559	Hybrid fuzzyâ€"genetic technique for multisensor fusion. Information Sciences, 1996, 93, 265-281.	6.9	22
560	Ground-state energy of the Â±J spin glass with dimension greater than three. Solid State Communications, 1996, 99, 247-248.	1.9	4
561	A Genetic Algorithm for operation optimization of an industrial cogeneration system. Computers and Chemical Engineering, 1996, 20, S1107-S1112.	3.8	25
562	An algorithmic framework for development and optimization of fuzzy models. Fuzzy Sets and Systems, 1996, 80, 37-55.	2.7	26
563	A genetic algorithm for job shop scheduling â€" a case study. Computers in Industry, 1996, 31, 155-160.	9.9	19
564	Reliability indices of a radial distribution system with sectionalizing as a function of network structure parameters. Electric Power Systems Research, 1996, 36, 73-80.	3.6	5
565	Optimal insulation in radial distribution networks. Electric Power Systems Research, 1996, 37, 97-103.	3.6	3
566	Genetic algorithms based on an intelligent controller. Expert Systems With Applications, 1996, 10, 465-470.	7.6	7
567	Experiments with the integration of reasoning, optimization and generalization in process planning. Advances in Engineering Software, 1996, 25, 29-39.	3.8	18

#	Article	IF	Citations
568	Development framework approach to heterogeneous system design for control systems. Control Engineering Practice, 1996, 4, 229-238.	5.5	3
569	Accelerating genetic algorithm computation in tree shaped parallel computer. Journal of Systems Architecture, 1996, 42, 19-36.	4.3	7
570	Genetic algorithms and call admission to telecommunications networks. Computers and Operations Research, 1996, 23, 485-499.	4.0	9
571	Evolution program for deterministic and stochastic optimizations. European Journal of Operational Research, 1996, 94, 618-625.	5.7	21
572	Global manufacturing systems: A model supported by genetic algorithms to optimize production planning. Computers and Industrial Engineering, 1996, 31, 193-196.	6.3	13
573	Optical design with the aid of a genetic algorithm. BioSystems, 1996, 37, 177-187.	2.0	49
574	The effects of variable biome distribution on global climate. BioSystems, 1996, 39, 135-141.	2.0	2
575	Advanced optimization of permanent magnet wigglers using genetic algorithm. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 375, ABS19-ABS21.	1.6	1
576	Low power design for DSP: methodologies and techniques. Microelectronics Journal, 1996, 27, 731-744.	2.0	20
577	Similarities and distinctions in sampling strategies for Genetic Algorithms. Artificial Intelligence, 1996, 86, 375-390.	5.8	0
578	Data Fitting Using Dual Kriging and Genetic Algorithms. CIRP Annals - Manufacturing Technology, 1996, 45, 129-134.	3.6	19
579	The ground state of the cubic spin glass with short-range interactions of Gaussian distribution. Physica A: Statistical Mechanics and Its Applications, 1996, 233, 60-66.	2.6	25
580	Automatic generation of a fuzzy rule base for constant turning force. Journal of Intelligent Manufacturing, 1996, 7, 77-84.	7.3	14
581	FINGAR: A new genetic algorithm-based method for fitting NMR data. Journal of Biomolecular NMR, 1996, 8, 49-66.	2.8	30
582	The principal-agent problem with evolutionary learning. Computational and Mathematical Organization Theory, 1996, 2, 139.	2.0	8
583	Ensemble inference in terms of empirical orthogonal functions. Geophysical Journal International, 1996, 127, 363-378.	2.4	16
584	Genetic-based multilayered perception for Taiwan power system short-term load forecasting. Electric Power Systems Research, 1996, 38, 69-74.	3.6	10
585	A parallel any-time control algorithm for image understanding. , 1996, , .		3

#	Article	IF	Citations
586	Genetic control of near time-optimal motion for an industrial robot arm. , 0, , .		11
587	Genetic algorithm operators restricted to precedent constraint sets: genetic algorithm designs with or without branch and bound approach for solving scheduling problems with disjunctive constraints. , 0, , .		3
589	SSME parameter model input selection using genetic algorithms. IEEE Transactions on Aerospace and Electronic Systems, 1996, 32, 199-212.	4.7	2
590	The application of genetic algorithm and nonlinear fuzzy programming for water pollution control in a river basin. , 0, , .		0
591	Chapter 9 Neural networks for encoding and adapting in dynamic economies. Handbook of Computational Economics, 1996, 1, 441-470.	1.6	8
592	Actively Searching for an Effective Neural Network Ensemble. Connection Science, 1996, 8, 337-354.	3.0	277
593	Tuning numeric parameters to troubleshoot a telephone-network loop. IEEE Intelligent Systems, 1996, 11, 44-49.	1.0	2
594	Practical issues in the application of genetic algorithms to optimal design problems in electromagnetics. , 0, , .		3
595	Near-optimal low-thrust orbit transfers generated by a genetic algorithm. Journal of Spacecraft and Rockets, 1996, 33, 859-862.	1.9	105
596	A genetic algorithm€based method for synthesis of low peak amplitude signals. Journal of the Acoustical Society of America, 1996, 99, 433-443.	1.1	26
597	Genetic synthesis techniques for low-power digital signal processing circuits. , 1996, , .		3
598	Refueling of a nuclear power plant: Comparison of a naive and a specialized mutation operator. Lecture Notes in Computer Science, 1996, , 829-838.	1.3	3
599	A Measure of Landscapes. Evolutionary Computation, 1996, 4, 335-360.	3.0	100
600	Inversion of seismic refraction data using genetic algorithms. Geophysics, 1996, 61, 1715-1727.	2.6	118
601	Reducing disruption of superior building blocks in genetic algorithms. , 1996, , .		4
602	Application of genetic algorithms and simulated annealing technique in optimizing the aperture distributions of antenna arrays. , 0, , .		8
603	Human hand tracking from binocular image sequences. , 0, , .		10
604	EVAS: a new evolution algorithm solving the assignment problem in analog layout with automatic consideration of matching constraints. , 0, , .		3

#	ARTICLE	IF	CITATIONS
605	A genetic approach to the normalization of distorted character images. , 0, , .		0
606	A novel technique for pipelined scheduling and allocation of data-flow graphs based on genetic algorithms. , 0, , .		1
607	Fitting of a Mossbauer spectrum using a genetic algorithm. , 0, , .		2
608	Solving randomly generated fuzzy constraint networks using evolutionary/systematic hill-climbing. , 0, , .		7
609	Automated face recognition using adaptive subspace method. , 0, , .		0
610	Genetic algorithm based DSP multiprocessor scheduling. , 0, , .		2
611	Artificial neurogenesis: an application to autonomous robotics. , 0, , .		6
612	Genetic Algorithms for Product Design. Management Science, 1996, 42, 1105-1117.	4.1	171
613	ESTIMATING GEOACOUSTIC BOTTOM PROPERTIES FROM TOWED ARRAY DATA. Journal of Computational Acoustics, 1996, 04, 273-290.	1.0	18
614	Stopping Criteria for Finite Length Genetic Algorithms. INFORMS Journal on Computing, 1996, 8, 183-191.	1.7	62
615	Adaptive Penalty Methods for Genetic Optimization of Constrained Combinatorial Problems. INFORMS Journal on Computing, 1996, 8, 173-182.	1.7	164
616	Finding investigator tours in telecommunication networks using genetic algorithms. , 1996, , .		2
617	A comparison of local search algorithms for radio link frequency assignment problems. , 1996, , .		18
618	Hybrid genetic algorithms for polypeptide energy minimization. , 1996, , .		7
619	Production job-shop scheduling using genetic algorithms. , 0, , .		5
620	Genetic algorithm for fuzzy modeling of robotic manipulators. , 1996, , .		0
621	A hybrid genetic/interval algorithm for semi-infinite optimization. , 0, , .		10
622	A hybrid conceptual clustering system. , 1996, , .		3

#	Article	IF	Citations
623	Creatures. , 1997, , .		63
624	A fuzzy logic controlled genetic algorithm environment. , 0, , .		8
625	A Genetic Algorithm for the Multiple-Choice Integer Program. Operations Research, 1997, 45, 92-101.	1.9	167
626	Design and implementation of a parallel genetic algorithm for the travelling purchaser problem. , 1997, , .		7
627	Isolated word recognition using the HMM structure selected by the genetic algorithm. , 0, , .		3
628	Adaptation and learning in animated creatures. , 1997, , .		6
629	Implicit Representation in Genetic Algorithms Using Redundancy. Evolutionary Computation, 1997, 5, 277-302.	3.0	17
630	A genetic approach to color image compression. , 1997, , .		3
631	Using genetic algorithm for slicing floorplan area optimization in circuit design. , 0, , .		2
632	K2. , 1997, , .		25
633	A genetic tuning algorithm of PID parameters. , 0, , .		17
634	Why is problem-dependent and high-level representation scheme better in a genetic algorithm?. , 1997, , .		1
635	Genetic algorithms in forecasting commercial banks deposit. , 0, , .		8
636	Optimal demand-oriented topology for hypertext systems. , 1997, , .		2
637	Genetic algorithms with cluster analysis for production simulation. , 1997, , .		5
638	Parallel non-linear optimization. , 1997, , .		4
639	A hybrid algorithm for the point to multipoint routing problem. , 1997, , .		5
640	Hybrid search algorithms. , 1997, , .		2

#	ARTICLE	IF	CITATIONS
641	Design of a processing element of a SIMD computer for genetic algorithms. , 0, , .		2
642	Putting the squeeze on test sequences. , 0, , .		7
643	Landmark matching in a varying environment. , 0, , .		5
644	A genetic algorithm for the minimum weight triangulation. , 0, , .		7
645	Optimal robot hand preshaping control using genetic algorithms. , 0, , .		1
646	Influencing parameters of evolutionary algorithms for sequencing problems. , 0, , .		1
647	Channel and switchbox routing with minimized crosstalk. A parallel genetic algorithm approach. , 0, , .		1
648	Active gateway: a facility for video conferencing traffic control. , 0, , .		6
649	A new heuristic algorithm based on GAs for multiprocessor scheduling with task duplication. , 0, , .		7
650	Specifying spectra for musical scales. Journal of the Acoustical Society of America, 1997, 102, 2422-2431.	1.1	2
651	Learning the local search range for genetic optimisation in nonstationary environments. , 0, , .		18
652	Classification of ECG waveforms by using genetic algorithms. , 0, , .		4
653	Methods for generating blue-noise dither matrices for digital halftoning. Journal of Electronic Imaging, 1997, 6, 208.	0.9	41
654	Parallel genetic algorithms in the optimization of morphological filters: a general design tool. Journal of Electronic Imaging, 1997, 6, 504.	0.9	14
655	Predicting RNA H-type pseudoknots with the massively parallel genetic algorithm. Bioinformatics, 1997, 13, 459-471.	4.1	19
656	The management of intelligence-assisted finite element analysis technology. , 0, , .		3
657	Intelligent spider for Internet searching. , 0, , .		10
659	A heuristic approach to task assignment optimization in distributed systems. , 0, , .		2

#	Article	IF	Citations
660	Classification of magnetic resonance images by using genetic algorithms. , 0, , .		0
661	SNR optimisation using genetic algorithm. , 0, , .		3
662	Grey fuzzy sliding mode controller design with genetic algorithm. , 0, , .		3
663	Hybrid optimization techniques for the design of SAW-filters. , 0, , .		9
664	An action control model of agents based on evaluation of group behaviors. , 0, , .		0
665	GA performance in a babel-like fitness landscape. , 0, , .		2
666	Fast Static Image Reconstruction using Adaptive Mesh Grouping Method in EIT. , 0, , .		0
667	Incorporation of signal store into classifier systems: principle and experiments. , 0, , .		0
668	Learning, adaptation and evolution for intelligent system. , 0, , .		2
669	GA optimization in electrical devices. , 0, , .		3
670	A practical approach for job-shop scheduling problems using genetic algorithm. , 0, , .		0
671	Angular estimation by image analysis and genetic algorithm. , 0, , .		0
672	THE ROLE OF EVOLUTIONARY AND ADAPTIVE SEARCH DURING WHOLE SYSTEM, CONSTRAINED AND DETAILED DESIGN OPTIMIZATION. Engineering Optimization, 1997, 29, 151-176.	2.6	8
673	A decision aid for theater missile defense. , 1997, , .		7
674	Case-based reasoning in scheduling: Reusing solution components. International Journal of Production Research, 1997, 35, 2947-2962.	7.5	54
675	Parallel genetic algorithms for communication network design. , 0, , .		7
676	Next Generation Test Generator (NGTG) for digital circuits. , 0, , .		1
677	An evolutionary heuristic for knowledge base partitioning problem. , 0, , .		0

#	ARTICLE	IF	CITATIONS
678	Pareto-optimal firing angles for switched reluctance motor control. , 1997, , .		17
679	OCCAM- and C-Based Multiprocessor Environments for UNIX Clusters. Computer Journal, 1997, 40, 12-21.	2.4	0
680	Polypeptide structure prediction. , 1997, , .		8
681	The McCrimmon radical for identities of degree 3. SIGSAM Bulletin: A Quarterly Publication of the Special Interest Group on Symbolic & Algebraic Manipulation, 1997, 31, 2-5.	0.3	0
682	<title>Tree-structured local basis selection using genetic algorithms</title>. , 1997, 3078, 334.		0
683	<title>Temporal change enhancement in multispectral images remotely sensed from satellites</title>. , 1997, , .		1
684	<title>Modified reactive control framework for cooperative mobile robots</title>. , 1997, , .		5
685	Strategies for genetic adaptive control. , 0, , .		2
686	A pursuit simulation using a time-dependent classifier system; TCS. , 0, , .		1
687	Detecting Leaks from Environmental Barriers Using Electrical Current Imaging. Journal of Environmental and Engineering Geophysics, 1997, 2, 11-19.	0.5	30
688	Trading spaces: Computation, representation, and the limits of uninformed learning. Behavioral and Brain Sciences, 1997, 20, 57-66.	0.7	469
689	C4: a software environment for modeling self-organizing behaviors of autonomous robots and groups. Robotica, 1997, 15, 85-98.	1.9	3
690	Implementation of a genetic algorithm for routing an autonomous robot. Robotica, 1997, 15, 207-211.	1.9	13
691	A genetic path planning algorithm for redundant articulated robots. Robotica, 1997, 15, 213-224.	1.9	30
692	A review of machine learning. Knowledge Engineering Review, 1997, 12, 341-367.	2.6	57
694	Breeding Competitive Strategies. Management Science, 1997, 43, 257-275.	4.1	80
696	Genetic algorithms applied to computationally difficult set covering problems. Journal of the Operational Research Society, 1997, 48, 440-445.	3.4	26
697	Protein Structure Prediction From Primary Sequence. Advances in Molecular and Cell Biology, 1997, , 391-445.	0.1	0

#	ARTICLE	IF	CITATIONS
698	Ants can colour graphs. Journal of the Operational Research Society, 1997, 48, 295-305.	3.4	417
699	Deictic codes for the embodiment of cognition. Behavioral and Brain Sciences, 1997, 20, 723-742.	0.7	1,044
700	Preliminary Gas Turbine Combustor Design Using a Genetic Algorithm. , 1997, , .		6
701	Optimization of Scaling Factors of Fuzzy Logic Controllers by Genetic Algorithms. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 347-352.	0.4	2
702	Self-Tuning Neuro-Fuzzy Controller by Genetic Algorithm with Application to a Coupled-Tank. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 29-34.	0.4	0
703	Multi-Objective Genetic Algorithm Based Time and Frequency Domain Design Unification of Linear Control Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 35-40.	0.4	5
704	Use of a Genetic Algorithm to Compute the Stability of a Real Time Iterative Optimal Control Algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 41-46.	0.4	0
705	An improved fuzzy logic controller using genetic algorithmic techniques for building management systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 47-52.	0.4	0
706	Optimization of a Batch Fermentation Process by Genetic Algorithms. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 179-184.	0.4	4
707	Reliability Coefficients Optimization for a New Fusion Rules Family. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 345-350.	0.4	0
708	A Genetic Algorithm for Path Planning. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 485-490.	0.4	5
709	Genetic Algorithms for Automatic Design of Fuzzy Decision Systems for Intelligent Manufacturing. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 551-556.	0.4	0
710	Genetic Design of Fuzzy-Logic Controllers for Manufacturing Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 1347-1352.	0.4	0
711	Identification of Heat Treatment Effect on Fruit Ripening and its Optimization. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 267-272.	0.4	1
712	Application of Genetic Algorithms in Simultaneous Curve Fitting Procedures in Pharmacokinetic Studies. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 59-64.	0.4	0
713	Genetic Tuning of a Fuzzy Controller. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 487-492.	0.4	1
714	A Constrained Optimization Approach for Robust D-Stability and Robust H 2 Performance Design. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 371-376.	0.4	0
715	Genetic Algorithms for Scheduling Optimization on a Multi-Product Batch Processing Machine. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 115-120.	0.4	1

#	Article	IF	Citations
716	Advanced Public Transit System Routing and Scheduling. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1997, 30, 753-758.	0.4	1
717	Low-Level computer vision algorithms: Performance evaluation on parallel and distributed architectures. Machine Intelligence and Pattern Recognition, 1997, 20, 249-278.	0.2	0
718	Evolutionary segmentation of road traffic scenes. , 0, , .		0
719	Multilayered model strategy for optimal mobile location tracking. , 0, , .		2
720	On optimizing BIST-architecture by using OBDD-based approaches and genetic algorithms. , 0, , .		5
721	Adaptation, learning and evolution for intelligent robotic system. , 0, , .		0
722	Analytical design of evolutionary control flow components. , 0, , .		2
723	Natural optimization algorithms for optimal regression testing. , 0, , .		2
724	Evolution of fuzzy nearest neighbor neural networks. , 0, , .		3
725	An auto-generating method in the fuzzy system design. , 0, , .		3
726	Foreign exchange market forecasting using evolutionary fuzzy networks. , 0, , .		9
727	Characterization of optimum polarization for multiple target discrimination using genetic algorithms. IEEE Transactions on Antennas and Propagation, 1997, 45, 1810-1817.	5.1	26
728	Machine learning using a genetic algorithm to optimise a draughts program board evaluation function. , 0, , .		1
729	Reducing computational expense associated with evolutionary detailed design. , 0, , .		2
730	On-line use of off-line derived mappings for iterative automatic target recognition tasks and a particular class of hardware platforms. , 0, , .		6
731	Genetic algorithms and the analysis of spatially referenced data. Applied Artificial Intelligence, 1997, 11, 151-170.	3.2	2
732	Optimal mobile location tracking by multilayered model strategy. , 0, , .		2
733	Vector quantization using genetic K-means algorithm for image compression. , 0, , .		17

#	ARTICLE	IF	CITATIONS
734	Event based modelling and control of software development processes. , 0, , .		3
735	Parallel genetic algorithms for simulation-based sequential circuit test generation. , 0, , .		11
736	A self-planning methodology for planetary robotic explorers. , 0, , .		3
737	A tele-operated semi-intelligent climbing robot for nuclear applications. , 0, , .		11
738	Genetic programming and its applications to the synthesis of digital logic. , 0, , .		7
739	A genetic algorithm for optimal 3-connected telecommunication network designs. , 0, , .		5
740	Optimization of array geometry for identifiable high resolution parameter estimation in sensor array signal processing. , 0, , .		11
741	New parallel hybrid genetic algorithm based on molecular dynamics approach for energy minimization of atomistic systems. , 0, , .		3
742	Evolving connection weights between sensors and actuators in robots. , 0, , .		4
743	A parallel algorithm for optimal task assignment in distributed systems. , 0, , .		5
744	Using genetic algorithms for non-negative least error minimal norm solutions. , 0, , .		0
745	Experiences in Digital Terrain: Using Digital Elevation Models for Music and Interactive Multimedia. Leonardo Music Journal, 1997, 7, 11.	0.1	1
746	An intelligent missile autopilot using genetic algorithm. , 0, , .		4
747	Blind channel identification based on higher-order cumulant fitting using genetic algorithms. , 0, , .		7
748	A new training algorithm for the general regression neural network. , 0, , .		47
749	Modeling faulted switched reluctance motors using evolutionary neural networks. IEEE Transactions on Industrial Electronics, 1997, 44, 226-233.	7.9	30
750	Matrix fitting approach to direction of arrival estimation with imperfect spatial coherence of wavefronts. IEEE Transactions on Signal Processing, 1997, 45, 1894-1899.	5.3	83
751	Application of genetic algorithms to the algebraic simplification of tensor polynomials. , 1997, , .		2

#	ARTICLE	IF	CITATIONS
752	Simulation optimization. , 1997, , .		171
753	Genetic adaptive state estimation for a jet engine compressor. , 0, , .		9
754	The Evolution of Musical Organisms. Leonardo Music Journal, 1997, 7, 27.	0.1	5
755	Genetic algorithms for control and signal processing. , 0, , .		54
756	A parallel hybrid genetic algorithm simulated annealing approach to finding most probable explanations on Bayesian belief networks. , 0, , .		10
757	Inferences of viscosity from the oceanic geoid: Indication of a low viscosity zone below the 660-km discontinuity. Earth and Planetary Science Letters, 1997, 151, 125-137.	4.4	77
758	Genetic Algorithms for Large-Scale Clustering Problems. Computer Journal, 1997, 40, 547-554.	2.4	79
759	Minimizing the fuzzy rule base and maximizing its performance by a multiobjective genetic algorithm. , 0, , .		24
760	Automatic generation of collision free moves for the ABB industrial robot control. , 0, , .		1
761	A hybrid of simplex method and simulated annealing. Chemometrics and Intelligent Laboratory Systems, 1997, 39, 161-173.	3.5	27
762	Task Planning For A Mobile Robot In An Indoor Environment Using Object-oriented Domain Information. IEEE Transactions on Systems, Man, and Cybernetics, 1997, 27, 1007-1007.	5.0	4
763	Controlled H Systems and Chomsky Hierarchy. Fundamenta Informaticae, 1997, 30, 45-57.	0.4	1
764	The power of cooperation. Lecture Notes in Physics, 1997, , 55-81.	0.7	0
765	Decision Algorithms: a Survey of Rough Set - Theoretic Methods. Fundamenta Informaticae, 1997, 30, 345-358.	0.4	40
766	Evolutionary optimization of an industrial batch fermentation process. , 1997, , .		5
767	Placing Text Labels on Maps and Diagrams using Genetic Algorithms with Masking. INFORMS Journal on Computing, 1997, 9, 266-275.	1.7	31
768	A constrained optimization approach for robust pole placement. , 1997, , .		2
769	Genetic design of a fuzzy logic controller for a solar power plant. , 1997, , .		4

#	ARTICLE	IF	CITATIONS
770	A method for multiple-level logic synthesis based on the simulated annealing algorithm. Microelectronics Journal, 1997, 28, 143-150.	2.0	4
771	Timing-influenced general-cell genetic floorplanner. Microelectronics Journal, 1997, 28, 151-166.	2.0	3
772	Boolean networks decomposition using genetic algorithms. Microelectronics Journal, 1997, 28, 551-560.	2.0	6
773	A routing strategy based on genetic algorithms. Microelectronics Journal, 1997, 28, 641-656.	2.0	6
774	Genetics based redudancy optimization. Microelectronics Reliability, 1997, 37, 661-663.	1.7	8
775	A genetic sparse distributed memory approach to the application of handwritten character recognition. Pattern Recognition, 1997, 30, 2015-2022.	8.1	13
776	Pattern classification with genetic algorithms: Incorporation of chromosome differentiation. Pattern Recognition Letters, 1997, 18, 119-131.	4.2	21
777	Structure optimization of power system with different redundant elements. Electric Power Systems Research, 1997, 43, 19-27.	3.6	118
778	Comparison of different intelligent methods for process and quality monitoring. International Journal of Approximate Reasoning, 1997, 16, 89-117.	3.3	11
779	Evolving hierarchical robot behaviours. Robotics and Autonomous Systems, 1997, 22, 215-230.	5.1	10
780	Speed-up fractal image compression with a fuzzy classifier. Signal Processing: Image Communication, 1997, 10, 303-311.	3.2	8
781	Object recognition using genetic algorithms with a Hopfield's neural model. Expert Systems With Applications, 1997, 13, 191-199.	7.6	16
782	Analogy and complex software modeling. Computers in Human Behavior, 1997, 13, 465-486.	8.5	9
783	Optimising train movements through coast control using genetic algorithms. IET Electric Power Applications, 1997, 144, 65.	1.4	281
784	Simultaneous stabilisation of power systems using genetic algorithms. IET Generation, Transmission and Distribution, 1997, 144, 39.	1.1	41
785	Efficient optimization of all-terminal reliable networks, using an evolutionary approach. IEEE Transactions on Reliability, 1997, 46, 18-26.	4.6	119
786	Management of water resources using improved genetic algorithms. Computers and Electronics in Agriculture, 1997, 18, 117-127.	7.7	19
787	Neural networks based analysis of radiometric data. Nuclear Instruments & Methods in Physics Research B, 1997, 132, 704-708.	1.4	0

#	ARTICLE	IF	CITATIONS
788	A genetic algorithm for aligning object shapes. Image and Vision Computing, 1997, 15, 819-831.	4.5	34
789	Designing Fourier Descriptor-Based Geometric Models for Object Interpretation in Medical Images Using Genetic Algorithms. Computer Vision and Image Understanding, 1997, 66, 286-300.	4.7	23
790	The Racing Algorithm: Model Selection for Lazy Learners. Artificial Intelligence Review, 1997, 11, 193-225.	15.7	119
791	Computational Aspects of Pathology Image Classification and Retrieval. Journal of Supercomputing, 1997, 11, 279-293.	3.6	21
792	Integrated PID-type Learning and Fuzzy Control for Flexible-joint Manipulators. Journal of Intelligent and Robotic Systems: Theory and Applications, 1997, 18, 47-66.	3.4	11
793	Intelligent Control for an Acrobot. Journal of Intelligent and Robotic Systems: Theory and Applications, 1997, 18, 209-248.	3.4	102
794	Cognitive Architecture for Robust Adaptive Control of Robots in a Team. Journal of Intelligent and Robotic Systems: Theory and Applications, 1997, 20, 251-273.	3.4	3
795	Title is missing!. Flexible Services and Manufacturing Journal, 1997, 9, 343-365.	0.4	4
796	Clock Skew Optimization for Peak Current Reduction. Journal of Signal Processing Systems, 1997, 16, 117-130.	1.0	33
797	Title is missing!. Journal of Global Optimization, 1997, 11, 341-359.	1.8	20,938
798	Brave Mobots Use Representation: Emergence of Representation in Fight-or-Flight Learning. Minds and Machines, 1997, 7, 475-494.	4.8	5
799	Protein Conformation of a Lattice Model Using Tabu Search. Journal of Global Optimization, 1997, 11, 55-68.	1.8	16
800	The Hyperbell Algorithm for Global Optimization: A Random Walk Using Cauchy Densities. Journal of Global Optimization, 1997, 10, 37-55.	1.8	7
801	Using Disruptive Selection to Maintain Diversity in Genetic Algorithms. Applied Intelligence, 1997, 7, 257-267.	5.3	19
802	A Hybrid Genetic Algorithm for Nonconvex Function Minimization. Journal of Global Optimization, 1997, 11, 313-324.	1.8	12
803	Simulated Annealing and Genetic Algorithms for the Facility Layout Problem: A Survey. Computational Optimization and Applications, 1997, 7, 111-126.	1.6	79
804	Phylogenetic and Ontogenetic Learning in a Colony of Interacting Robots. Autonomous Robots, 1997, 4, 85-100.	4.8	28
805	Cooperative Mobile Robotics: Antecedents and Directions. Autonomous Robots, 1997, 4, 7-27.	4.8	870

#	Article	IF	Citations
806	Synchronisation Techniques for HIPERLAN. Wireless Personal Communications, 1997, 4, 1-10.	2.7	8
807	Model of an integrated intelligent design and manufacturing system. Journal of Intelligent Manufacturing, 1997, 8, 263-270.	7.3	5
808	Title is missing!. Statistics and Computing, 1997, 7, 193-207.	1.5	27
809	A design methodology for fractal layout organization. IIE Transactions, 1997, 29, 911-924.	2.1	23
810	An adaptable problem-space-based search method for flexible flow line scheduling. IIE Transactions, 1997, 29, 115-125.	2.1	18
811	Testing real-time systems using genetic algorithms. Software Quality Journal, 1997, 6, 127-135.	2.2	104
812	Decomposing Bayesian networks: triangulation of the moral graph with genetic algorithms. Statistics and Computing, 1997, 7, 19-34.	1.5	67
813	A stock selection DSS combining AI and technical analysis. Annals of Operations Research, 1997, 75, 335-353.	4.1	22
814	New directions in genetic algorithm theory. Annals of Operations Research, 1997, 75, 49-68.	4.1	20
815	Optimizing distributed join queries: A genetic algorithm approach. Annals of Operations Research, 1997, 71, 199-228.	4.1	22
816	Title is missing!. European Physical Journal D, 1997, 47, 667-673.	0.4	0
817	A Markov Model of Production, Trade, and Money: Theory and Artificial Life Simulation. Computational and Mathematical Organization Theory, 1997, 3, 19-41.	2.0	14
818	Improved Large-Step Markov Chain Variants for the Symmetric TSP. Journal of Heuristics, 1997, 3, 63-81.	1.4	28
819	Combinatorial Optimization by Dynamic Contraction. Journal of Heuristics, 1997, 3, 207-224.	1.4	3
820	Heuristic Techniques for Single Line Train Scheduling. Journal of Heuristics, 1997, 3, 43-62.	1.4	118
821	A Genetic/Tabu Thresholding Hybrid Algorithm for the Process Allocation Problem. Journal of Heuristics, 1997, 3, 91-110.	1.4	6
822	Title is missing!. Journal of Heuristics, 1997, 3, 187-205.	1.4	2
823	A genetic-algorithm-based approach to optimization of bioprocesses described by fuzzy rules. Bioprocess and Biosystems Engineering, 1997, 16, 299.	0.5	32

#	ARTICLE	IF	CITATIONS
824	Combining spectral super-elements, genetic algorithms, and massive parallelism for computationally efficient flaw detection in complex structures. Computational Mechanics, 1997, 20, 67-74.	4.0	8
825	Genetic algorithms with age structure. Soft Computing, 1997, 1, 155-161.	3.6	18
826	Heuristic and randomized optimization for the join ordering problem. VLDB Journal, 1997, 6, 191-208.	4.1	242
827	Using co-evolutionary programming to simulate strategic behaviour in markets. Journal of Evolutionary Economics, 1997, 7, 219-254.	1.7	88
828	Scheduling in an automated flow shop to minimize cost: Backward-meta scheduling method. International Journal of Production Economics, 1997, 49, 225-235.	8.9	2
829	A virtual testbed for analysis and design of sensorimotoric aspects of agent control. Simulation Modelling Practice and Theory, 1997, 5, 671-687.	0.3	2
830	An automatic clustering algorithm suitable for use by a computer-based tool for the design, management and continuous improvement of cellular manufacturing systems. Computer Integrated Manufacturing Systems, 1997, 10, 217-230.	0.1	5
831	Function optimization using an adaptive crossover operator based on locality. Engineering Applications of Artificial Intelligence, 1997, 10, 519-524.	8.1	8
832	Optimization of a fuzzy controller for fruit storage using neural networks and genetic algorithms. Engineering Applications of Artificial Intelligence, 1997, 10, 453-461.	8.1	29
833	Placing computations by adaptive procedures. Advanced Engineering Informatics, 1997, 11, 307-317.	0.5	3
834	Stochastic predictive control of mechatronic systems. Mechatronics, 1997, 7, 129-140.	3.3	3
835	Using standard fitnesses with genetic algorithms. Advances in Engineering Software, 1997, 28, 425-435.	3.8	3
836	Computational approaches for combinatorial library design and molecular diversity analysis. Current Opinion in Chemical Biology, 1997, 1, 54-59.	6.1	61
837	From natural to artificial life: Biomimetic mechanisms in animat designs. Robotics and Autonomous Systems, 1997, 22, 3-21.	5.1	51
838	A class of genetic algorithms with analytical solution. Robotics and Autonomous Systems, 1997, 22, 59-64.	5.1	21
839	Evolving cooperative mobile robots using a modified genetic algorithm. Robotics and Autonomous Systems, 1997, 21, 197-205.	5.1	13
840	The new wave in robot learning. Robotics and Autonomous Systems, 1997, 22, 179-185.	5.1	19
841	A model of massively parallel call and service processing in telecommunications. Journal of Systems Architecture, 1997, 43, 479-490.	4.3	7

#	Article	IF	Citations
842	A Markov Chain analysis of genetic algorithms with power of 2 cardinality alphabets. European Journal of Operational Research, 1997, 96, 195-201.	5.7	24
843	Contingency ranking for voltage stability using a genetic algorithm. Electric Power Systems Research, 1997, 43, 69-76.	3.6	13
844	A genetic algorithm model for high heat flux flow boiling. Experimental Thermal and Fluid Science, 1997, 15, 193-201.	2.7	4
845	Probe measurements of local carrying gas fraction in trickle-bed reactor. Experimental Thermal and Fluid Science, 1997, 15, 163-173.	2.7	10
846	A genetic algorithm based multi-dimensional data association algorithm for multi-sensorâ€"multi-target tracking. Mathematical and Computer Modelling, 1997, 26, 57-69.	2.0	24
847	Fuzzy system modeling by fuzzy partition and GA hybrid schemes. Fuzzy Sets and Systems, 1997, 86, 279-288.	2.7	67
848	Automatic design of multidimensional controllers by means of an evolutionary algorithm. Fuzzy Sets and Systems, 1997, 89, 321-333.	2.7	0
849	Fuzzy sets and operations research: Perspectives. Fuzzy Sets and Systems, 1997, 90, 207-218.	2.7	23
850	Optimization of IIR polynomial predictive filter magnitude response. Signal Processing, 1997, 56, 219-232.	3.7	10
851	Expected part delays as a secondary layout criterion in automated manufacturing systems. Applied Mathematical Modelling, 1997, 21, 301-313.	4.2	1
852	An artificial intelligence approach to the prediction of natural lighting levels. Building and Environment, 1997, 32, 81-85.	6.9	22
853	A system of optimizing nesting with analogical learning mechanism. Computers and Industrial Engineering, 1997, 32, 713-725.	6.3	6
854	A study on the convergence of genetic algorithms. Computers and Industrial Engineering, 1997, 33, 581-588.	6.3	12
855	Genetic algorithms for design for assembly: The remote constrained genetic algorithm. Computers and Industrial Engineering, 1997, 33, 593-596.	6.3	13
856	Method for solving nonlinear goal programming with interval coefficients using genetic algorithm. Computers and Industrial Engineering, 1997, 33, 597-600.	6.3	16
857	Multimodel partitioning filters and genetic algorithms. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 2421-2427.	1.1	6
858	Unit commitment by a genetic algorithm. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 4289-4299.	1.1	3
859	Object oriented and genetically selected neural networks in a heterogeneous distributed environment. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 1311-1321.	1.1	0

#	ARTICLE	IF	CITATIONS
860	study on methods for deciding behavior of mobile robot. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 2981-2988.	1.1	0
861	Multiple hierarchicall classifier system with self GA invocation. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 3001-3010.	1.1	1
862	A genetic algorithm using modified bit-selection probability for a self-tuning of fuzzy reasoning. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 3019-3028.	1.1	1
863	Solving optimal control problems by GAs. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 2891-2902.	1.1	5
864	Genetic annealing search for index assignment in vector quantization. Pattern Recognition Letters, 1997, 18, 311-318.	4.2	7
865	Optimal matching of closed contours with line segments and arcs. Pattern Recognition Letters, 1997, 18, 567-574.	4.2	3
866	Optimizing feature set for speaker verification. Pattern Recognition Letters, 1997, 18, 873-879.	4.2	13
867	Edge detection by estimation and minimization of errors. Pattern Recognition Letters, 1997, 18, 695-704.	4.2	6
868	The use of genetic algorithms in a general search for rotational structures in gamma-ray coincidence data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 385, 108-111.	1.6	10
869	A Genetic Algorithm for a fitting problem. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 389, 288-292.	1.6	9
870	The ineffectiveness of recombination in a genetic algorithm for the structure elucidation of a heptapeptide in torsion angle space. A comparison to simulated annealing. Chemometrics and Intelligent Laboratory Systems, 1997, 36, 141-152.	3.5	13
871	Enhanced genetic operators for the resolution of discrete constrained optimization problems. Computers and Operations Research, 1997, 24, 399-411.	4.0	6
872	Powder Diffraction Data and Crystal Chemical Information Combined in an Automated Structure Determination Procedure for Zeolites. Journal of Applied Crystallography, 1997, 30, 985-995.	4.5	105
873	Multi-Solution Genetic Algorithm Approach to Surface Structure Determination Using Direct Methods. Acta Crystallographica Section B: Structural Science, 1997, 53, 916-922.	1.8	28
874	Reinvestigation of a genetic-based classifier system: the effectiveness of recombination. Computers & Chemistry, 1997, 21, 153-160.	1.2	5
875	An efficient link enhancement strategy for computer networks using genetic algorithm. Computer Communications, 1997, 20, 798-803.	5.1	8
876	Image deconvolution using a micro genetic algorithm. Optics Communications, 1997, 140, 6-10.	2.1	6
877	An application of genetic algorithms to geometric model-guided interpretation of brain anatomy. Pattern Recognition, 1997, 30, 217-227.	8.1	20

#	ARTICLE	IF	CITATIONS
878	The optimal cut of sheet metal belts into pieces of given dimensions. Engineering Structures, 1997, 19, 1043-1049.	5.3	5
879	Large scale unit commitment using a hybrid genetic algorithm. International Journal of Electrical Power and Energy Systems, 1997, 19, 45-55.	5.5	84
880	A self-learning and tuning fuzzy logic controller based on genetic algorithms and reinforcements. International Journal of Intelligent Systems, 1997, 12, 673-694.	5.7	4
881	A prototype fuzzy-based classifier system for trajectory planning. Journal of Network and Computer Applications, 1997, 20, 191-202.	9.1	0
882	Special Issue on Parallel Evolutionary Computing. Journal of Parallel and Distributed Computing, 1997, 47, 1-7.	4.1	22
883	A C3I Parallel Benchmark Based on Genetic Algorithmsâ€"Implementation and Performance Analysis. Journal of Parallel and Distributed Computing, 1997, 47, 23-38.	4.1	1
884	Task Allocation by Parallel Evolutionary Computing. Journal of Parallel and Distributed Computing, 1997, 47, 91-97.	4.1	5
885	A hybrid method for parameter tuning of PID controllers. Journal of the Franklin Institute, 1997, 334, 547-562.	3.4	22
886	On an exact populationary model of genetic algorithms. Information Sciences, 1997, 99, 37-67.	6.9	3
887	Learning classification rules from an ion chromatography database using a genetic based classifier system. Analytica Chimica Acta, 1997, 344, 1-15.	5.4	14
888	GINN (Genetic Inside Neural Network): towards a non-parametric training. Analytica Chimica Acta, 1997, 348, 533-542.	5.4	21
889	Evaluation of natural computation techniques in the modelling and optimization of a sequential injection flow system for colorimetric iron(III) determination. Analytica Chimica Acta, 1997, 348, 143-150.	5.4	20
890	Design of self-learning fuzzy sliding mode controllers based on genetic algorithms. Fuzzy Sets and Systems, 1997, 86, 139-153.	2.7	58
891	Automatic synthesis of membership functions for the force control of turning operations. Journal of Materials Processing Technology, 1997, 65, 80-87.	6.3	3
892	Showing the way: a review of the second edition of Holland's adaptation in natural and artificial systems. Artificial Intelligence, 1998, 100, 331-338.	5.8	4
893	Parallel implementation of a genetic-programming based tool for symbolic regression. Information Processing Letters, 1998, 66, 299-307.	0.6	23
894	Search space division in GAs using phenotypic properties. Information Sciences, 1998, 109, 119-133.	6.9	8
895	Simulated annealing based pattern classification. Information Sciences, 1998, 109, 165-184.	6.9	19

#	ARTICLE	IF	CITATIONS
896	Minimax chance constrained programming models for fuzzy decision systems. Information Sciences, 1998, 112, 25-38.	6.9	87
897	Performance in Planning â€" Smart Systems for the Access Network. BT Technology Journal, 1998, 16, 138-151.	0.5	1
898	A Genetic Approach for Solving a Scheduling Problem in a Robotized Analytical System. Journal of Heuristics, 1998, 4, 245-261.	1.4	8
899	Crossing Over Genetic Algorithms: The Sugal Generalised GA. Journal of Heuristics, 1998, 4, 179-192.	1.4	18
900	On-Line Learning Fokker-Planck Machine. Neural Processing Letters, 1998, 7, 81-89.	3.2	13
901	A Genetic Algorithm for the Multidimensional Knapsack Problem. Journal of Heuristics, 1998, 4, 63-86.	1.4	629
902	Title is missing!. Journal of Heuristics, 1998, 4, 107-122.	1.4	49
903	Guided Local Search â€" an Illustrative Example in Function Optimisation. BT Technology Journal, 1998, 16, 46-50.	0.5	36
904	Automation of the Analysis of MÃ¶ssbauer Spectra. Hyperfine Interactions, 1998, 112, 275-278.	0.5	11
905	User-Friendly Program for Multifold Evaluation of MÃ¶ssbauer Spectra. Hyperfine Interactions, 1998, 112, 269-274.	0.5	15
906	Genetic Algorithm for the Jump Number Scheduling Problem. Order, 1998, 15, 59-73.	0.5	1
907	A Review of Statistical Language Processing Techniques. Artificial Intelligence Review, 1998, 12, 347-391.	15.7	10
908	Fuzzy Logic for Biological and Agricultural Systems. Artificial Intelligence Review, 1998, 12, 213-225.	15.7	40
909	An evolutionary optimization procedure applied to the synthesis of integrated spot-size converters. Optical and Quantum Electronics, 1998, 30, 305-321.	3.3	6
910	Cost optimal preventive maintenance and replacement scheduling. IIE Transactions, 1998, 30, 1121-1128.	2.1	12
911	Economic design of reliable networks. IIE Transactions, 1998, 30, 1161-1174.	2.1	18
912	Real-Coded Genetic Algorithm for Rule-Based Flood Control Reservoir Management. Water Resources Management, 1998, 12, 185-198.	3.9	115
913	Collision-Free Cartesian Trajectory Generation Using Raster Scanning and Genetic Algorithms. Journal of Intelligent and Robotic Systems: Theory and Applications, 1998, 23, 351-377.	3.4	5

#	ARTICLE	IF	CITATIONS
914	Genetic Algorithms for Optimal Operation of Soil Aquifer Treatment Systems. Water Resources Management, 1998, 12, 375-396.	3.9	12
915	Title is missing!. Journal of Seismology, 1998, 2, 145-158.	1.3	0
916	Title is missing!. Journal of Supercomputing, 1998, 12, 387-406.	3.6	4
917	Contact Friction Compensation for Robots Using Genetic Learning Algorithms. Journal of Intelligent and Robotic Systems: Theory and Applications, 1998, 23, 331-349.	3.4	8
918	Fuzzy-enhanced Adaptive Control for Flexible Drive System with Friction Using Genetic Algorithms. Journal of Intelligent and Robotic Systems: Theory and Applications, 1998, 23, 379-405.	3.4	7
919	The Slack Method: A New Method for Static Allocation of Hard Real-Time Tasks. Real-Time Systems, 1998, 15, 103-130.	1.3	16
920	Verifying Timing Constraints of Real-Time Systems by Means of Evolutionary Testing. Real-Time Systems, 1998, 15, 275-298.	1.3	78
921	The Frame Problem: An AI Fairy Tale. Minds and Machines, 1998, 8, 317-351.	4.8	19
922	A Crystal Growth Approach for Topographical Global Optimization. Journal of Global Optimization, 1998, 13, 255-267.	1.8	3
923	Printed Circuit Board Design via Organizational-Learning Agents. Applied Intelligence, 1998, 9, 25-37.	5.3	4
924	Evolutionary Learning of Modular Neural Networks with Genetic Programming. Applied Intelligence, 1998, 9, 191-200.	5.3	44
925	Query Optimization in Multidatabase Systems. Distributed and Parallel Databases, 1998, 6, 183-210.	1.6	17
926	Title is missing!. Computational Economics, 1998, 11, 221-243.	2.6	7
927	Modelling spatial dynamics of fish. Reviews in Fish Biology and Fisheries, 1998, 8, 57-91.	4.9	105
928	Fractal Fitness Landscape and Loss of Robustness in Evolutionary Robot Navigation. Autonomous Robots, 1998, 5, 199-213.	4.8	8
929	Modelling and optimization of grinding processes. Journal of Intelligent Manufacturing, 1998, 9, 303-314.	7.3	58
930	Title is missing!. Journal of Intelligent Manufacturing, 1998, 9, 323-329.	7.3	9
931	Hybrid genetic algorithmsfor a multiple-objective scheduling problem. Journal of Intelligent Manufacturing, 1998, 9, 361-367.	7.3	46

#	ARTICLE	IF	CITATIONS
932	An application of genetic and tabu searches to the freight railroad operating plan problem. Annals of Operations Research, 1998, 78, 51-69.	4.1	98
933	Genetic algorithm for the permutation flow-shopscheduling problem with linear models of operations. Annals of Operations Research, 1998, 83, 95-114.	4.1	18
934	Design and operational issues in AGV-served manufacturing systems. Annals of Operations Research, 1998, 76, 109-154.	4.1	168
935	Solution approaches to hub location problems. Annals of Operations Research, 1998, 78, 31-50.	4.1	79
936	A genetic algorithm for discriminant analysis. Annals of Operations Research, 1998, 78, 71-82.	4.1	7
937	Lamarckian genetic algorithmsapplied to the aggregation of preferences. Annals of Operations Research, 1998, 80, 281-298.	4.1	21
938	Process selection and tool assignment in automated cellular manufacturing using Genetic Algorithms. Annals of Operations Research, 1998, 77, 51-78.	4.1	7
939	A Model of Mutual Tolerance and the Origin of Communal Associations Between Unrelated Females. Journal of Insect Behavior, 1998, 11, 265-286.	0.7	14
940	Parameter estimation in superposition of decaying exponentials. Applied Mathematics and Computation, 1998, 96, 101-116.	2.2	3
941	An interactive fuzzy satisficing method for multiobjective 0â€"1 programming problems with fuzzy numbers through genetic algorithms with double strings. European Journal of Operational Research, 1998, 107, 564-574.	5.7	14
942	Distributed scheduling using simple learning machines. European Journal of Operational Research, 1998, 107, 401-413.	5.7	34
943	A comparison of global optimisation methods for near-offset VSP inversion. Computers and Geosciences, 1998, 24, 563-572.	4.2	9
944	Generating spatially correlated fields with a genetic algorithm. Computers and Geosciences, 1998, 24, 765-769.	4.2	1
945	On the RLSA antenna optimum design for DBS reception. IEEE Transactions on Broadcasting, 1998, 44, 460-469.	3.2	12
946	Transparent Fuzzy Modelling. International Journal of Human Computer Studies, 1998, 49, 159-179.	5.6	28
947	Reflectance Parameter Estimation and its Application to Surface Inspection. Real Time Imaging, 1998, 4, 429-442.	1.6	1
948	An interactive fuzzy method for multiobjective 0-1 programming problems with fuzzy number criteria using genetic algorithms. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai Ronbunshi), 1998, 81, 64-72.	0.1	2
949	A competitive genetic algorithm for resource-constrained project scheduling. Naval Research Logistics, 1998, 45, 733-750.	2.2	434

#	ARTICLE	IF	CITATIONS
950	Multiobjective dynamic optimization of an industrial nylon 6 semibatch reactor using genetic algorithm. Journal of Applied Polymer Science, 1998, 69, 69-87.	2.6	112
951	Evolutionary modular neural networks for intelligent systems. International Journal of Intelligent Systems, 1998, 13, 483-493.	5.7	2
952	Genetic learning of fuzzy rule-based classification systems cooperating with fuzzy reasoning methods. International Journal of Intelligent Systems, 1998, 13, 1025-1053.	5.7	94
953	Context adaptation in fuzzy processing and genetic algorithms. International Journal of Intelligent Systems, 1998, 13, 929-948.	5.7	33
954	An Application of Neurogenetic Algorithm System to Individual Tree Growth Model. Journal of Forest Research, 1998, 3, 79-84.	1.4	1
955	Robot path planning by genetic programming. Artificial Life and Robotics, 1998, 2, 28-32.	1.2	0
956	A self-organizing genetic algorithm for multimodal function optimization. Artificial Life and Robotics, 1998, 2, 48-52.	1.2	3
957	Evolution of a vision system by genetic algorithm. Artificial Life and Robotics, 1998, 2, 179-183.	1.2	1
958	Genetic algorithms for clustering in machine vision. Machine Vision and Applications, 1998, 11, 1-6.	2.7	19
959	On economic applications of the genetic algorithm: a model of the cobweb type. Journal of Evolutionary Economics, 1998, 8, 297-315.	1.7	75
960	Bridge reliability experiences in Japan. Engineering Structures, 1998, 20, 972-978.	5.3	4
961	Optimization and learning of load restoration strategies. International Journal of Electrical Power and Energy Systems, 1998, 20, 131-140.	5.5	3
962	Design of random inspection rate for a flexible assembly system: a heuristic genetic algorithm approach. Microelectronics Reliability, 1998, 38, 545-551.	1.7	4
963	Identification of nonlinear characteristics in cushioning packaging using genetic evolutionary neural networks. Mechanics Research Communications, 1998, 25, 395-403.	1.8	6
964	Genetic operators for a two-dimensional bonded molecular model. Computers & Chemistry, 1998, 22, 331-338.	1.2	2
965	Optimization of flowsheet drawing layout using a genetic algorithm. Computers and Chemical Engineering, 1998, 22, 47-67.	3.8	2
966	Inductive genetic programming with decision trees. Intelligent Data Analysis, 1998, 2, 31-44.	0.9	21
967	Optimization and fabrication of a dual thermopile sensor based on the BEM. Sensors and Actuators A: Physical, 1998, 64, 179-184.	4.1	3

#	ARTICLE	IF	CITATIONS
968	Optimal design of a generalized conveyor-serviced production station: Fixed and removal item cases. International Journal of Production Economics, 1998, 55, 177-189.	8.9	16
969	An object oriented approach to design with modules. Computer Integrated Manufacturing Systems, 1998, 11, 267-283.	0.1	21
970	Solutions to systems of nonlinear equations via a genetic algorithm. Engineering Applications of Artificial Intelligence, 1998, 11, 369-375.	8.1	57
971	Towards optimising construction-method selection strategies using genetic algorithms. Engineering Applications of Artificial Intelligence, 1998, 11, 567-577.	8.1	4
972	Combined use of computational intelligence and materials data for on-line monitoring and control of MBE experiments. Engineering Applications of Artificial Intelligence, 1998, 11, 587-595.	8.1	2
973	Intelligent on-line system identification using a blackboard system. Engineering Applications of Artificial Intelligence, 1998, 11, 759-770.	8.1	0
974	Dynamic embedding for genetic VLSI circuit partitioning. Engineering Applications of Artificial Intelligence, 1998, 11, 67-76.	8.1	6
975	Cross breeding in genetic optimisation and its application to fuzzy logic controller design. Advanced Engineering Informatics, 1998, 12, 15-20.	0.5	2
976	Color quantization with genetic algorithms. Signal Processing: Image Communication, 1998, 12, 49-57.	3.2	12
977	A comparison of genetic algorithms with conventional techniques on a spectrum of power economic dispatch problems. Expert Systems With Applications, 1998, 15, 133-142.	7.6	12
978	An alternative model of genetic algorithms as learning machines. Expert Systems With Applications, 1998, 15, 351-356.	7.6	1
979	Scheduling the parallel Kalman algorithm onto multiprocessor systems – a genetic approach. Control Engineering Practice, 1998, 6, 209-218.	5.5	0
980	Automatic construction of eigenshape models by direct optimization. Medical Image Analysis, 1998, 2, 303-314.	11.6	92
981	Understanding the behaviour and optimising the performance of back-propagation neural networks: an empirical study. Environmental Modelling and Software, 1998, 13, 179-191.	4.5	91
982	Improving production systems of timber-processing plants IV: Application of genetic algorithms for appropriate positioning of processing machines. Journal of Wood Science, 1998, 44, 337-342.	1.9	0
983	A magnet model for a hybrid undulator assembly. Journal of Synchrotron Radiation, 1998, 5, 468-470.	2.4	0
984	Achieving robust behavior by using proprioceptive activity patterns. BioSystems, 1998, 47, 193-206.	2.0	5
985	The minimal deceptive problem revisited: The role of "genetic waste". Computers and Operations Research, 1998, 25, 895-911.	4.0	4

#	ARTICLE	IF	CITATIONS
986	A fuzzy inference based assignment algorithm to estimate O-D matrix from link volume counts. Computers, Environment and Urban Systems, 1998, 22, 409-423.	7.1	13
987	An empirical study of a new metaheuristic for the traveling salesman problem. European Journal of Operational Research, 1998, 104, 113-128.	5.7	16
988	Solving the bi-objective scheduling of switched capacitors using an interactive best-compromise approach. Electric Power Systems Research, 1998, 46, 133-140.	3.6	2
989	Hydroelectric generation scheduling—an application of genetic-embedded fuzzy system approach. Electric Power Systems Research, 1998, 48, 65-72.	3.6	5
990	Genetic multi-criteria approach to flexible line scheduling. International Journal of Approximate Reasoning, 1998, 19, 5-21.	3.3	29
991	Performance evaluation of evolutionary class of algorithms—An application to 0–1 knapsack problem. Mathematical and Computer Modelling, 1998, 27, 57-72.	2.0	0
992	Constructing petri net models using genetic search. Mathematical and Computer Modelling, 1998, 27, 85-103.	2.0	3
993	Annealing-based heuristics and genetic algorithms for circuit partitioning in parallel test generation. Future Generation Computer Systems, 1998, 14, 439-451.	7.5	12
994	Pattern recognition using evolution algorithms with fast simulated annealing. Pattern Recognition Letters, 1998, 19, 403-413.	4.2	11
995	Pattern classification using genetic algorithms: Determination of H. Pattern Recognition Letters, 1998, 19, 1171-1181.	4.2	26
996	Application of genetic algorithms to the design of lifting tasks. International Journal of Industrial Ergonomics, 1998, 21, 145-158.	2.6	13
997	A fuzzy Schema Theorem. Fuzzy Sets and Systems, 1998, 94, 93-99.	2.7	0
998	Applying evolutionary programming to selected set partitioning problems. Fuzzy Sets and Systems, 1998, 95, 67-76.	2.7	0
999	Blind identification of nonminimum phase FIR systems: Cumulants matching via genetic algorithms. Signal Processing, 1998, 67, 25-34.	3.7	8
1000	A genetic game of trade, growth and externalities. Journal of Economic Dynamics and Control, 1998, 22, 811-832.	1.6	24
1001	Combining genetic programming with generic simulation models in evolutionary synthesis. Computers in Industry, 1998, 36, 181-197.	9.9	10
1002	A genetic algorithm for optimal flow assignment in computer network. Computers and Industrial Engineering, 1998, 35, 535-538.	6.3	8
1003	Genetic algorithms for tourism marketing. Annals of Tourism Research, 1998, 25, 498-514.	6.4	30

#	Article	IF	Citations
1004	Optimizing the cost matrix for approximate string matching using genetic algorithms. Pattern Recognition, 1998, 31, 431-440.	8.1	13
1005	An interactive fuzzy satisficing method for large scale multiobjective 0â€"1 programming problems with fuzzy parameters through genetic algorithms. European Journal of Operational Research, 1998, 107, 590-598.	5.7	7
1006	Route following based on adaptive visual landmark matching. Robotics and Autonomous Systems, 1998, 25, 177-184.	5.1	7
1007	Robust control of nonlinear systems with parametric uncertainty. , 0, , .		13
1008	A virtual design environment using evolutionary agents. , 0, , .		19
1009	Evolutionary construction of medical decision trees. , 0, , .		5
1010	Exploration of intelligent techniques for image filtering. , 0, , .		0
1011	Load balancing in parallel circuit testing with annealing-based and genetic algorithms. Lecture Notes in Computer Science, 1998, , 835-844.	1.3	1
1012	Solving large processor configuration problems with the guided genetic algorithm. , 0, , .		3
1013	Determination of optimal polygonal approximation using genetic algorithms. , 0, , .		0
1014	A genetic algorithm based method to improve image segmentation. , 0, , .		3
1015	On solving fuzzy constraint satisfaction problems with genetic algorithms. , 0, , .		0
1016	Specification-driven test design for analog circuits. , 0, , .		14
1017	A genetic algorithm for the point to multipoint routing problem with varying number of requests. , 0, , .		6
1018	Adaptive behaviour of fuzzy system optimized by genetic algorithm. , 0, , .		0
1019	A genetic algorithm for optimisation of linear phase FIR filter coefficients. , 0, , .		11
1020	Minimization of multivalued multithreshold perceptrons using genetic algorithms. , 0, , .		4
1021	Evolutionary approaches to computational biology. New Comprehensive Biochemistry, 1998, 32, 165-186.	0.1	0

#	ARTICLE	IF	CITATIONS
1022	A genetic minimax game-playing strategy. , 0, , .		2
1023	The guided genetic algorithm and its application to the generalized assignment problem. , 0, , .		10
1024	Fuzzy logic controlled genetic algorithms versus tuned genetic algorithms: an agile manufacturing application. , 0, , .		31
1025	Multi-objective genetic local search for minimizing the number of fuzzy rules for pattern classification problems. , 0, , .		11
1026	Schema representation in virus-evolutionary genetic algorithm for knapsack problem. , 0, , .		6
1027	Performance and interface buffer size driven behavioral partitioning for embedded systems. , 0, , .		1
1028	New approaches to the true worst-case evaluation in circuit tolerance analysis. I. Calculation of the inner solution by genetic algorithms. , 0, , .		3
1029	Radar target recognition based on wavelet and evolutionary networks. , 0, , .		0
1030	Analytical partition of software components for evolvable and reliable MEMS design tools. , 0, , .		1
1031	A genetic algorithm approach to scheduling PCBs on a single machine. International Journal of Production Research, 1998, 36, 761-784.	7.5	26
1032	Genetic algorithm optimisation of distributed database queries. , 0, , .		3
1033	GAA: a VLSI genetic algorithm accelerator with on-the-fly adaptation of crossover operators. , 0, , .		12
1034	A heuristic approach to wavelength assignment in all-optical networks. , 0, , .		10
1035	Being There: Putting Brain, Body and World Together Again.. Philosophical Review, The, 1998, 107, 647.	0.4	560
1036	Estimation of standby leakage power in CMOS circuits considering accurate modeling of transistor stacks. , 1998, , .		210
1037	Comparing genetic algorithms and greedy heuristics for adaptation problems. , 0, , .		5
1038	A review of theoretical and experimental results on schemata in genetic programming. Lecture Notes in Computer Science, 1998, , 1-15.	1.3	3
1039	Parameter selection in particle swarm optimization. Lecture Notes in Computer Science, 1998, , 591-600.	1.3	2,169

#	ARTICLE	IF	CITATIONS
1040	Analytic curve detection from a noisy binary edge map using genetic algorithm. Lecture Notes in Computer Science, 1998, , 129-138.	1.3	5
1041	Mantle viscosity inferred from geoid and seismic tomography by genetic algorithms: Results for layered mantle flow. Physics and Chemistry of the Earth, 1998, 23, 865-872.	0.3	4
1042	Multi-objective genetic optimisation for self-organising fuzzy logic control. , 1998, , .		4
1043	Automated program flaw finding using simulated annealing. , 1998, , .		108
1044	Adapting Operator Settings in Genetic Algorithms. Evolutionary Computation, 1998, 6, 161-184.	3.0	135
1045	Using a genetic algorithm to find good linear error-correcting codes. , 1998, , .		3
1046	Revisiting evolutionary programming. , 1998, , .		22
1047	Where does the good stuff go, and why? how contextual semantics influences program structure in simple genetic programming. Lecture Notes in Computer Science, 1998, , 16-36.	1.3	22
1048	A CLUSTERING AND GENETIC SCHEME FOR LARGE TSP OPTIMIZATION PROBLEMS. Cybernetics and Systems, 1998, 29, 137-157.	2.5	3
1049	Properties of robust solution searching in multi-dimensional space with genetic algorithms. , 0, , .		1
1050	Genetic algorithm for optimal planning of transmission system reactive power compensation under security constraints. , 0, , .		1
1051	Scalability of an MPI-based fast messy genetic algorithm. , 1998, , .		1
1052	Time Scheduling of Transit Systems With Transfer Considerations Using Genetic Algorithms. Evolutionary Computation, 1998, 6, 1-24.	3.0	31
1053	Schema Theory for Genetic Programming with One-Point Crossover and Point Mutation. Evolutionary Computation, 1998, 6, 231-252.	3.0	128
1054	Parallel genetic algorithm to solve the satisfiability problem. , 1998, , .		6
1055	Selective crossover. , 1998, , .		6
1056	A hard problem for genetic algorithms: finding cliques in Keller graphs. , 0, , .		2
1057	Automatic parallel I/O performance optimization in Panda. , 1998, , .		15

#	ARTICLE	IF	CITATIONS
1058	Petri nets and genetic algorithms to increase productivity in FMS. , 0, , .		7
1059	Gray codes and 1D quadratic maps. Electronics Letters, 1998, 34, 1304.	1.0	14
1060	A few new features for genetic algorithms. , 1998, , .		0
1061	Finding rural postman tours. , 1998, , .		8
1062	Solving the rural postman problem using a genetic algorithm with a graph transformation. , 1998, , .		16
1063	Wolves in sheep's clothing? The effects of â€œhiddenâ€parental mutation on genetic algorithm performance. , 1998, , .		3
1064	Pursuing bounds of ir(Qn). , 1998, , .		0
1065	Behavioral self-organization in lifelike agents. , 1998, , .		4
1066	Tuning fuzzy software components with a distributed evolutionary engine. , 1998, , .		0
1067	Estimation of maximum power supply noise for deep sub-micron designs. , 1998, , .		32
1068	Adaptive linkage crossover. , 1998, , .		6
1069	GA based online path planning of mobile robots playing soccer games. , 0, , .		6
1070	Automatic facial feature detection and location. , 0, , .		9
1071	Head-related transfer function modeling in 3-D sound systems with genetic algorithms. , 0, , .		1
1072	Linguistic fuzzy classification of olfactive signals. , 0, , .		2
1073	Evolutionary stock trading decision support system using sliding window. , 0, , .		2
1074	Data mining the future: genetic discovery of good trading rules in agent-based financial market simulations. , 0, , .		2
1075	Genetic algorithm fitting of deformable superquadrics applied to left ventricle visualization. , 0, , .		0

#	ARTICLE	IF	CITATIONS
1076	Distributed fault location in networks using mobile agents. Lecture Notes in Computer Science, 1998, , 130-141.	1.3	22
1078	Effects of individual decision schemes on group behavior. , 0, , .		0
1079	Optimization design of multibody systems by using genetic algorithms. Vehicle System Dynamics, 1998, 29, 704-710.	3.7	7
1080	Rhythm-based control of biped locomotion robot. , 0, , .		3
1081	Convergence conditions of genetic algorithms. International Journal of Computer Mathematics, 1998, 68, 231-241.	1.8	5
1082	Genetics-based machine learning approach to production scheduling-a case of in-tree type precedence relation. , 0, , .		0
1083	Buffer size driven partitioning for HW/SW co-design. , 0, , .		2
1084	Towards collaborative agents for automatic on-line handwriting recognition. , 1998, , .		1
1085	Neural networks training using genetic algorithms. , 0, , .		5
1086	Optimization of the morphological pyramid for detecting defects on the surface of ferrite cores. , 0, , .		0
1087	Characteristics extraction of paper currency using symmetrical masks optimized by GA and neuro-recognition of multi-national paper currency. , 0, , .		14
1088	Parallel genetic algorithm for optimizing run-time reconfigurable circuits. , 0, , .		3
1089	THREADER: protein sequence threading by double dynamic programming. New Comprehensive Biochemistry, 1998, 32, 285-311.	0.1	14
1090	Using a genetic algorithm for multitarget tracking. , 0, , .		0
1091	Forecasting of the Nile River Inflows by Genetic Algorithms. , 1998, , 337-340.		1
1092	Integrated planning and scheduling for multi-product job-shop assembly based on genetic algorithms. , 1998, , 375-386.		0
1093	MAAP: the military aircraft allocation planner. , 0, , .		8
1094	Evolved neural systems with unit breeding. Principles of development. , 0, , .		0

#	ARTICLE	IF	CITATIONS
1095	An evolutionary approach to training feedforward and recurrent neural networks. , 0, , .		8
1096	Intelligent control based on genetic algorithms-case study on mobile robot. , 0, , .		3
1098	Authoring support by interactive genetic algorithm and case based retrieval. , 0, , .		3
1099	A genetic approach to the selection of the variable structure controller feedback gains. , 0, , .		3
1100	Experimenting genetic algorithms for training a neural network prototype for photon event identification. , 0, , .		0
1101	Robot soccer for the study of learning and coordination issues in multi-agent systems. , 0, , .		4
1102	Fuzzy multiobjective 0-1 programming through revised genetic algorithms. , 0, , .		0
1103	Refinement of knowledge representation parameters in fuzzy production rules by genetic algorithms. , 0, , .		1
1104	Evolutionary approaches to neural control in mobile robots. , 0, , .		10
1105	Genetic algorithm method for determining temperature profiles. , 0, , .		0
1106	Fuzzy scheduling problem in self-organizing manufacturing system. , 0, , .		3
1107	Application of a new genetic operator in feature selection problems. , 0, , .		1
1108	Genetic algorithms for belief network inference: The role of scaling and niching. Lecture Notes in Computer Science, 1998, , 547-556.	1.3	4
1109	On Evolutionary Exploration and Exploitation. Fundamenta Informaticae, 1998, 35, 35-50.	0.4	210
1110	Evolutional searching for circuit structures. Electronics Letters, 1998, 34, 1543.	1.0	1
1111	Comparison of algorithms for the dynamic resectorization of airspace. , 1998, , .		7
1112	Genetic time delay Estimation for Earthquakes Detection and Measurement. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 97-102.	0.4	1
1113	A Genetic Algorithm Approach to System Scheduling. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 277-282.	0.4	0

#	ARTICLE	IF	CITATIONS
1114	Improving the Estimation of Parameters of Penicillin Fermentation Models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 23-28.	0.4	4
1115	A Fast Genetic Optimization for Batch Fermentation Processes. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 61-66.	0.4	4
1116	Design of Canonical Model Describing Complex Nonlinear Dynamics. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 85-90.	0.4	8
1117	Simulation and Optimal Control for the Koji Making Process Using Genetic Algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 147-152.	0.4	1
1118	A Multiagent Model of a Foreign Exchange Market. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 69-74.	0.4	1
1119	Advanced Methods for Evolutionary Optimisation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 1121-1128.	0.4	0
1120	Mapping a Generic Systolic Array for Genetic Algorithms onto FPGAs - Theory and Practice. Advances in Parallel Computing, 1998, , 723-726.	0.3	0
1121	Aerodynamic Shape Design for Rotor Airfoils via Genetic Algorithm. Journal of the American Helicopter Society, 1998, 43, 263-270.	0.8	16
1122	Decentralized two-level 0-1 programming through genetic algorithms with double strings. , 0, , .		7
1123	Optimal control using a neural/evolutionary hybrid system. , 0, , .		0
1124	Evolutional shape modeling by extended genetic algorithm: multi-step GA. , 0, , .		2
1125	A gate-level EHW chip: Implementing GA operations and reconfigurable hardware on a single LSI. Lecture Notes in Computer Science, 1998, , 1-12.	1.3	46
1126	A CELL DECOMPOSITION-BASED COLLISION AVOIDANCE ALGORITHM FOR ROBOT MANIPULATORS. Cybernetics and Systems, 1998, 29, 113-135.	2.5	6
1127	Electromagnetic imaging of conducting cylinders by applying a genetic algorithm. , 1998, , .		0
1128	Learning in genetic algorithms. Lecture Notes in Computer Science, 1998, , 268-279.	1.3	1
1130	Classification of MR and CT images using genetic algorithms. , 0, , .		5
1131	An application of PID-fuzzy hybrid controller. , 0, , .		3
1132	A timing analysis of convergence to fitness sharing equilibrium. Lecture Notes in Computer Science, 1998, , 23-33.	1.3	4

#	Article	IF	Citations
1133	Immune network dynamics for inductive problem solving. Lecture Notes in Computer Science, 1998, , 712-721.	1.3	3
1135	A stochastic search approach to grammar induction. Lecture Notes in Computer Science, 1998, , 126-137.	1.3	7
1136	On the effect of multi-parents recombination in binary coded genetic algorithms. , 0, , .		3
1137	An interactive fuzzy satisficing method for multiobjective integer programming problems through genetic algorithms. , 1998, , .		1
1139	Fuzzy partition and input selection by genetic algorithms for designing fuzzy rule-based classification systems. Lecture Notes in Computer Science, 1998, , 407-416.	1.3	7
1140	Development of problem-specific evolutionary algorithms. Lecture Notes in Computer Science, 1998, , 388-397.	1.3	3
1142	Agents and classifiers a transaction logic approach. , 0, , .		0
1143	Evolutionary computation and the tinkererâ€™s evolving toolbox. Lecture Notes in Computer Science, 1998, , 209-219.	1.3	1
1144	Using a new GA-based multiobjective optimization technique for the design of robot arms. Robotica, 1998, 16, 401-414.	1.9	41
1145	Path planning of a mobile robot using genetic heuristics. Robotica, 1998, 16, 575-588.	1.9	60
1146	Evolutionary and adaptive strategies for efficient search across whole system engineering design hierarchies. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1998, 12, 431-445.	1.1	13
1147	Chance constrained integer programming models for capital budgeting in fuzzy environments. Journal of the Operational Research Society, 1998, 49, 854-860.	3.4	41
1149	An investigation into the integration of neural networks with the structured genetic algorithm to aid conceptual design. Lecture Notes in Computer Science, 1998, , 295-307.	1.3	1
1150	Some Aspects of Ant Systems for the TSP. Fundamenta Informaticae, 1998, 35, 197-209.	0.4	0
1151	Unearthing a Fossil from the History of Evolutionary Computation. Fundamenta Informaticae, 1998, 35, 1-16.	0.4	22
1152	New Trends in Parallel and Distributed Evolutionary Computing. Fundamenta Informaticae, 1998, 35, 211-230.	0.4	5
1153	A Study on Partitioned Iterative Function Systems for Image Compression. Fundamenta Informaticae, 1998, 34, 413-428.	0.4	5
1154	Revisiting the Memory of Evolution. Fundamenta Informaticae, 1998, 35, 125-162.	0.4	1

#	ARTICLE	IF	CITATIONS
1155	Selection Mechanisms in Evolutionary Algorithms. Fundamenta Informaticae, 1998, 35, 17-33.	0.4	0
1156	Îµ - Optimal Stopping Time for Genetic Algorithms. Fundamenta Informaticae, 1998, 35, 91-111.	0.4	5
1157	Learning of an anticipatory world-model and the quest for general versus reinforced knowledge. , 1998, , .		1
1159	Evaluation of a simple host-parasite genetic algorithm. Lecture Notes in Computer Science, 1998, , 53-62.	1.3	5
1161	Evolution of Artificial Neural Network Architecture: Prediction of Depression after Mania. Methods of Information in Medicine, 1998, 37, 220-225.	1.2	23
1162	A field-programmable gate-array system for evolutionary computation. Lecture Notes in Computer Science, 1998, , 356-365.	1.3	6
1163	Optimization of constrained queries with a hybrid genetic algorithm. Lecture Notes in Computer Science, 1998, , 342-352.	1.3	0
1165	Tuning GPC using a new fuzzy-based ranking method for multi-objective genetic optimisation. , 1999, , .		0
1166	Relation Between VGA-classifier and MLP : Determination of Network Architecture. Fundamenta Informaticae, 1999, 37, 177-199.	0.4	3
1167	Ecological Model of Virus-Evolutionary Genetic Algorithm. Fundamenta Informaticae, 1999, 37, 51-70.	0.4	3
1168	Yield Mapping with Digital Aerial Color Infrared (CIR) Images. , 0, , .		1
1169	Genetic multi-objective pareto optimisation of state observers for FDI. , 1999, , .		3
1170	Learning to be selective in genetic-algorithm-based design optimization. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1999, 13, 157-169.	1.1	22
1171	A voxel-based representation for evolutionary shape optimization. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1999, 13, 145-156.	1.1	12
1172	Hybrid system approach to optimum design of a ship. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1999, 13, 1-11.	1.1	5
1173	A multiobjective optimisation system for a glass furnace. , 1999, , .		2
1174	Unified Chromosome Representation for Large Scale Problems. Lecture Notes in Computer Science, 1999, , 753-760.	1.3	0
1175	Identification of Continuous-Time Systems with Time Delay Based on Wavelet Analysis and Its Application to Bioler Process. IEEJ Transactions on Electronics, Information and Systems, 1999, 119, 724-733.	0.2	1

#	ARTICLE	IF	CITATIONS
1176	Extended parameter robust control by Bayesian identification synthesis. , 1999, , .		0
1177	Dynamic air traffic planning by genetic algorithms. , 0, , .		11
1178	A comparative study on the effects of adding perturbations to phenotypic parameters in genetic algorithms with a robust solution searching scheme. , 0, , .		18
1179	Combined cutting stock and assignment optimization based on genetic algorithms. , 0, , .		0
1180	Sparse fitness evaluation for reducing user burden in interactive genetic algorithm. , 1999, , .		7
1181	A multi-stage approach for the thermal generator maintenance scheduling problem. , 0, , .		3
1182	Guided crossover: a new operator for genetic algorithm based optimization. , 0, , .		13
1183	Sonar spectrum recognition chip designed by evolutionary algorithm. , 0, , .		3
1184	Evaluation of fuzzy rule bases under delayed reinforcement. , 0, , .		0
1185	Multiple voltage-based scheduling methodology for low power in the high level synthesis. , 0, , .		18
1186	A novel function-level EHW architecture within modern FPGAs. , 0, , .		7
1187	Hierarchically consistent test problems for genetic algorithms. , 0, , .		31
1188	Genetic carrier allocation in satellite environment. , 0, , .		0
1189	A genetic-algorithm based quantization method for fractal image coding. , 0, , .		8
1190	Delay testing considering power supply noise effects. , 0, , .		27
1191	Fuzzy c-mean clustering using evolutionary self-organizing. , 0, , .		0
1192	Automatic choosing control design via GA for nonlinear systems. , 0, , .		1
1193	Fuzzy sliding mode controller design based on fuzzy union reasoning. , 0, , .		1

#	Article	IF	Citations
1194	Genetic learning of neural networks and its applications. , 0, , .		0
1195	Map automatic input based on NN and GAs. , 0, , .		1
1196	Genetic algorithm/artificial life evolution of security vulnerability agents. , 0, , .		7
1197	Evolving connectionist systems: A theory and a case study on adaptive speech recognition. , 0, , .		3
1198	A reliable approach for human face detection using genetic algorithm. , 0, , .		7
1199	Applying evolutionary algorithms to discover knowledge from medical databases. , 0, , .		1
1200	Development of an IGA-based fashion design aid system with domain specific knowledge. , 0, , .		4
1201	Genetic adaptive control for an inverted wedge. , 1999, , .		3
1202	Robust camera parameter estimation using genetic algorithm. , 0, , .		4
1203	Fuzzy Cellular Neural Networks and Their Applications to Image Processing. Advances in Imaging and Electron Physics, 1999, 109, 265-446.	0.2	5
1204	Neural networks robot controller trained with evolution strategies. , 0, , .		11
1205	Parallel back-propagation using genetic algorithm: real-time BP learning on the massively parallel computer CP-PACS. , 0, , .		2
1206	An Evolutionary Algorithm for Interval Solid Transportation Problems. Evolutionary Computation, 1999, 7, 103-107.	3.0	8
1207	Scalability Problems of Simple Genetic Algorithms. Evolutionary Computation, 1999, 7, 331-352.	3.0	113
1208	Distributed genetic algorithms with randomized migration rate. , 0, , .		9
1209	VIP---an input pattern generator for indentifying critical voltage drop for deep sub-micron designs. , 1999, , .		9
1210	Simulation optimization with the linear move and exchange move optimization algorithm. , 1999, , .		7
1211	Embedded system synthesis under memory constraints. , 1999, , .		9

#	ARTICLE	IF	CITATIONS
1212	Demand dynamics with socially evolving preferences. Industrial and Corporate Change, 1999, 8, 353-408.	2.8	72
1213	Techniques and Applications of Genetic Algorithm-Based Methods for Designing Compact Fuzzy Classification Systems. , 1999, , 1081-1109.		9
1214	Training Neural Networks by Adaptive Random Search Techniques. Journal of Engineering Mechanics - ASCE, 1999, 125, 123-132.	2.9	27
1215	Subsurface Biological Activity Zone Detection Using Genetic Search Algorithms. Journal of Environmental Engineering, ASCE, 1999, 125, 1103-1112.	1.4	15
1216	Self-adaptive penalties for GA-based optimization. , 0, , .		30
1217	GeneticFPGA: evolving stable circuits on mainstream FPGA devices. , 0, , .		24
1218	Using knowledge-based system with hierarchical architecture to guide the search of evolutionary computation. , 0, , .		9
1219	How does evolutionary computation fit into IT postgraduate teaching. , 0, , .		2
1220	A study on multi criteria decision making model: interactive genetic algorithms approach. , 0, , .		9
1221	Replicated servers allocation for multiple information sources in a distributed environment. , 0, , .		1
1222	Optimum predictive and feedforward control of a precision linear stage using genetic algorithm. , 0, , .		0
1223	RT-level TPG exploiting high-level synthesis information. , 0, , .		10
1224	On-line evolution of FPGA-based circuits: a case study on hash functions. , 0, , .		9
1225	Genetically engineered microelectronic infrared filters. , 0, , .		0
1226	Novel formulations for low-power binding of function units in high-level synthesis. , 0, , .		2
1227	An applications approach to evolvable hardware. , 0, , .		12
1228	Evolutionary design of autonomous agent based on gate growth. , 0, , .		1
1229	Edge detection through the use of a combined genetic algorithm-linear technique approach. , 0, , .		1

#	ARTICLE	IF	CITATIONS
1230	Scheduling in dual-resources constrained manufacturing systems using genetic algorithms. , 0, , .		1
1231	Neural classification with genetic algorithms. , 0, , .		0
1232	Chemical structure matching using correlation matrix memories. , 1999, , .		7
1233	Genetic-based TCSC damping controller design for power system stability enhancement. , 0, , .		11
1234	Application of genetic algorithms to airbase logistics planning. , 0, , .		0
1235	A genetic algorithm-based fuzzy control of an electro-hydraulic fin position servo system. , 1999, , .		4
1236	An evolutionary approach for graph coloring. , 0, , .		3
1237	Local search procedures in a multi-objective genetic local search algorithm for scheduling problems. , 0, , .		9
1238	GA-based design of a region-wise fuzzy sliding mode controller. , 0, , .		1
1239	GENESYS: A framework for designer guided evolutionary search for high performance products. Computers and Chemical Engineering, 1999, 23, S739-S742.	3.8	0
1240	Bandwidth-demand prediction in virtual path in ATM networks using genetic algorithms. Computer Communications, 1999, 22, 1127-1135.	5.1	15
1241	Banknote recognition by means of optimized masks, neural networks and genetic algorithms. Engineering Applications of Artificial Intelligence, 1999, 12, 175-184.	8.1	20
1242	A combined machine learning and genetic algorithm approach to controller design. Engineering Applications of Artificial Intelligence, 1999, 12, 401-409.	8.1	12
1243	DistAl: An inter-pattern distance-based constructive learning algorithm. Intelligent Data Analysis, 1999, 3, 55-73.	0.9	35
1244	Dimensionality optimization by heuristic greedy learning vs. genetic algorithms in knowledge discovery and data mining. Intelligent Data Analysis, 1999, 3, 211-225.	0.9	6
1245	Parallel quadrilateral subdomain generation for finite element analysis. Advances in Engineering Software, 1999, 30, 809-823.	3.8	4
1246	Global optimization of energy and production in process industries: a genetic algorithm application. Control Engineering Practice, 1999, 7, 549-554.	5.5	32
1247	Structural investigations of metal–semiconductor surfaces. Micron, 1999, 30, 41-49.	2.2	9

#	Article	IF	Citations
1248	Navigation using natural landmarks. Robotics and Autonomous Systems, 1999, 26, 99-115.	5.1	6
1249	Distributed task scheduling and allocation using genetic algorithms. Computers and Industrial Engineering, 1999, 37, 47-50.	6.3	15
1250	Optimal inventory control of lumpy demand items using genetic algorithms. Computers and Industrial Engineering, 1999, 37, 273-276.	6.3	5
1251	Genetic algorithm for maximizing the parts flow within cells in manufacturing cell design. Computers and Industrial Engineering, 1999, 36, 379-389.	6.3	10
1252	Simulation optimization with qualitative variables and structural model changes: A genetic algorithm approach. European Journal of Operational Research, 1999, 113, 169-182.	5.7	74
1253	Rule-based programming paradigm: a formal basis for biological, chemical and physical computation. BioSystems, 1999, 49, 205-228.	2.0	8
1254	On the convergence rates of genetic algorithms. Theoretical Computer Science, 1999, 229, 23-39.	0.9	85
1255	Fourier Analysis of Genetic Algorithms. Theoretical Computer Science, 1999, 229, 143-175.	0.9	6
1256	New information and communication technologies and the professions of town and regional planners. Computers, Environment and Urban Systems, 1999, 23, 151-172.	7.1	13
1257	On probability models for the unavailability analysis of safety systems under aging phenomena. Progress in Nuclear Energy, 1999, 35, 333-366.	2.9	2
1258	Intelligent soft computing in nuclear engineering in Brazil. Progress in Nuclear Energy, 1999, 35, 367-391.	2.9	8
1259	From hybrid adjustable neuro-fuzzy systems to adaptive connectionist-based systems for phoneme and word recognition. Fuzzy Sets and Systems, 1999, 103, 349-367.	2.7	5
1260	Genetic algorithm approach for designing higher-order digital differentiators. Signal Processing, 1999, 79, 175-186.	3.7	18
1261	Optimal output feedback controller based on genetic algorithms. Electric Power Systems Research, 1999, 50, 7-15.	3.6	5
1262	Automatic realignment of time-separated MR images by genetic algorithm. Magnetic Resonance Imaging, 1999, 17, 313-317.	1.8	5
1263	Markovian perturbations of discrete iterations: Lyapunov functions, global minimization, and associative memory. Mathematical and Computer Modelling, 1999, 29, 81-95.	2.0	11
1265	Combinatorial search versus genetic algorithms: A case study based on the generalized median graph problem. Pattern Recognition Letters, 1999, 20, 1271-1277.	4.2	38
1266	A genetic algorithm for MRF-based segmentation of multi-spectral textured images. Pattern Recognition Letters, 1999, 20, 1499-1510.	4.2	38

#	Article	IF	Citations
1267	Using genetic algorithms for batch selection decisions. Expert Systems With Applications, 1999, 17, 183-194.	7.6	3
1268	A Genetic Algorithm Approach to Farm Investment. Australian Journal of Agricultural and Resource Economics, 1999, 43, 305-322.	2.6	19
1269	An ISODATA clustering procedure for symbolic objects using a distributed genetic algorithm. Pattern Recognition Letters, 1999, 20, 659-666.	4.2	23
1270	Determination of the current density distribution in Josephson junctions. Physica C: Superconductivity and Its Applications, 1999, 315, 145-153.	1.2	10
1271	An evolutionary approach for time optimal trajectory planning of a robotic manipulator. Information Sciences, 1999, 113, 245-260.	6.9	13
1272	Knowledge base improvement through genetic algorithms. Information Sciences, 1999, 114, 63-79.	6.9	2
1273	A genetic algorithm approach to measurement prescription in fault diagnosis. Information Sciences, 1999, 120, 223-237.	6.9	5
1274	Genetic algorithms for optimized re-triangulation in the context of reverse engineering. CAD Computer Aided Design, 1999, 31, 261-271.	2.7	22
1275	Application of natural computation techniques to optimal design of flow injection systems. Analytica Chimica Acta, 1999, 402, 275-283.	5.4	4
1276	Genetic algorithms for determining the topological structure of metallic clusters. European Physical Journal D, 1999, 9, 235-241.	1.3	8
1277	The Independent Localisations of Interaction and Learning in the Repeated Prisoner's Dilemma. Theory and Decision, 1999, 47, 57-72.	1.0	9
1278	A Taxonomy of Evolutionary Algorithms in Combinatorial Optimization. Journal of Heuristics, 1999, 5, 145-158.	1.4	51
1279	Making Organizational Learning Operational: Implications from Learning Classifier Systems. Computational and Mathematical Organization Theory, 1999, 5, 229-252.	2.0	20
1280	Evolutionary Adaptation in Autonomous Agent Systems â€" A Paradigm for the Emerging Enterprise. BT Technology Journal, 1999, 17, 157-167.	0.5	2
1281	Decentralized Interaction and Co-Adaptation in the Repeated Prisoner&2018;s Dilemma. Computational and Mathematical Organization Theory, 1999, 5, 147-165.	2.0	11
1282	A Hybrid Genetic Algorithm for the Single Machine Scheduling Problem. Journal of Heuristics, 1999, 5, 437-454.	1.4	29
1283	Stable Marriage and Genetic Algorithms: A Fertile Union. Journal of Heuristics, 1999, 5, 29-46.	1.4	9
1284	Schemata, Distributions and Graphical Models in Evolutionary Optimization. Journal of Heuristics, 1999, 5, 215-247.	1.4	220

#	Article	IF	Citations
1285	A Distributed Framework for Parallel Data Mining Using HPJava. BT Technology Journal, 1999, 17, 146-154.	0.5	1
1286	Hybrid Evolutionary Algorithms for Graph Coloring. Journal of Combinatorial Optimization, 1999, 3, 379-397.	1.3	364
1287	Parallel Formulations of Decision-Tree Classification Algorithms. Data Mining and Knowledge Discovery, 1999, 3, 237-261.	3.7	71
1288	The Cross-Entropy Method for Combinatorial and Continuous Optimization. Methodology and Computing in Applied Probability, 1999, 1, 127-190.	1.2	640
1289	Pattern recognition by an optical thin-film multilayer model. Annals of Mathematics and Artificial Intelligence, 1999, 26, 193-213.	1.3	2
1290	Experiences with fine-grained parallel genetic algorithms. Annals of Operations Research, 1999, 90, 203-219.	4.1	61
1291	An integrated GA–LP approach to communication network design. Telecommunication Systems, 1999, 12, 265-280.	2.5	15
1292	Separate-and-Conquer Rule Learning. Artificial Intelligence Review, 1999, 13, 3-54.	15.7	370
1293	Title is missing!. Optical and Quantum Electronics, 1999, 31, 515-523.	3.3	1
1294	Hierarchical Fuzzy Control for C-Axis of CNC Turning Centers Using Genetic Algorithms. Journal of Intelligent and Robotic Systems: Theory and Applications, 1999, 25, 255-275.	3.4	13
1295	Learning Complex Tasks Using a Stepwise Approach. Journal of Intelligent and Robotic Systems: Theory and Applications, 1999, 24, 43-68.	3.4	2
1296	Genetic Tuning of PID Controllers Using a Neural Network Model: A Seesaw Example. Journal of Intelligent and Robotic Systems: Theory and Applications, 1999, 25, 43-59.	3.4	14
1297	A Genetic Programming Approach to Rainfall-Runoff Modelling. Water Resources Management, 1999, 13, 219-231.	3.9	185
1298	Surmounting the Multiple-Minima Problem in Protein Folding. Journal of Global Optimization, 1999, 15, 235-260.	1.8	29
1299	A Model-Based Diagnosis System for Identifying Faulty Components in Digital Circuits. Applied Intelligence, 1999, 10, 37-52.	5.3	3
1300	FRACTOP: A Geometric Partitioning Metaheuristic for Global Optimization. Journal of Global Optimization, 1999, 14, 415-436.	1.8	16
1301	Solving Electrical Distribution Problems Using Hybrid Evolutionary Data Analysis Techniques. Applied Intelligence, 1999, 10, 5-24.	5.3	91
1302	A C++ Platform for the Evolution of Trade Networks. Computational Economics, 1999, 14, 109-134.	2.6	27

#	ARTICLE	IF	CITATIONS
1303	Topology Optimization of Trussesâ€"Random Cost Method Versus Evolutionary Algorithms. Computational Optimization and Applications, 1999, 14, 203-218.	1.6	3
1304	Structured intelligence for self-organizing manufacturing systems. Journal of Intelligent Manufacturing, 1999, 10, 121-133.	7.3	16
1305	A genetic algorithm approach to piping route path planning. Journal of Intelligent Manufacturing, 1999, 10, 103-114.	7.3	105
1306	Genetic algorithms in integrated process planning and scheduling. Journal of Intelligent Manufacturing, 1999, 10, 169-179.	7.3	120
1307	Ranking Strategies for Navigation Based Query Formulation. Journal of Intelligent Information Systems, 1999, 12, 5-25.	3.9	4
1308	Simulation optimization methodologies. , 1999, , .		104
1309	Genetic Algorithm Modelling and Solution of Inspection Path Planning on a Coordinate Measuring Machine (CMM). International Journal of Advanced Manufacturing Technology, 1999, 15, 409-416.	3.0	30
1310	Evolution and sub-optimal behaviour. Journal of Evolutionary Economics, 1999, 9, 187-209.	1.7	4
1311	Motion and behaviour modelling: state of art and new trends. Visual Computer, 1999, 15, 124-146.	3.5	16
1312	Application of a genetic algorithm to compute the control of a complex dynamic system. Computational Mathematics and Modeling, 1999, 10, 393-404.	0.5	0
1313	Optimization of modular associative memory. Computational Mathematics and Modeling, 1999, 10, 405-411.	0.5	3
1314	Genetic algorithm based fuzzy logic control of a fed-batch fermentor. Bioprocess and Biosystems Engineering, 1999, 21, 215.	0.5	7
1315	Stochastic sketching: a new method for global optimization. Soft Computing, 1999, 3, 101-110.	3.6	0
1316	A new mutation operator for evolutionary airfoil design. Soft Computing, 1999, 3, 44-51.	3.6	2
1317	Conformational Analysis of Tetracycline using Molecular Mechanical and Semiempirical MO-Calculations. Journal of Molecular Modeling, 1999, 5, 46-62.	1.8	25
1318	Global Potential Energy Minima of SPC/E Water Clusters without and with Induced Polarization Using a Genetic Algorithm. Journal of Molecular Modeling, 1999, 5, 281-286.	1.8	15
1319	Deterministic group selection model for the evolution of altruism. European Physical Journal B, 1999, 7, 385-392.	1.5	14
1320	Optimisation of control strategies for the urban wastewater system ? An integrated approach. Water Science and Technology, 1999, 39, 209.	2.5	49

#	ARTICLE	IF	CITATIONS
1321	Using genetic algorithms to assess the impact of pricing activity timing. Omega, 1999, 27, 363-372.	5.9	14
1322	Nonlinear system identification using a Bayesianâ€"Gaussian neural network for predictive control. Neurocomputing, 1999, 28, 21-36.	5.9	3
1323	A genetic algorithm study on the influence of dendritic plateau potentials on bistable spiking in motoneurons. Neurocomputing, 1999, 26-27, 69-78.	5.9	1
1324	An evolutionary approach to constructing prognostic models. Artificial Intelligence in Medicine, 1999, 15, 155-165.	6.5	13
1325	Medical data mining using evolutionary computation. Artificial Intelligence in Medicine, 1999, 16, 73-96.	6.5	41
1326	Target tracking using television-based bistatic radar. IET Radar, Sonar & Navigation, 1999, 146, 166.	2.1	263
1327	LQG/GA DESIGN OF ACTIVE NOISE CONTROLLERS FOR A COLLOCATED ACOUSTIC DUCT SYSTEM. Journal of Sound and Vibration, 1999, 228, 629-650.	3.9	8
1328	On Sex, Mate Selection and the Red Queen. Journal of Theoretical Biology, 1999, 199, 1-9.	1.7	26
1329	Optimal Stoichiometric Designs of ATP-producing Systems as Determined by an Evolutionary Algorithm. Journal of Theoretical Biology, 1999, 199, 45-61.	1.7	32
1330	Content Replication in a Distributed and Controlled Environment. Journal of Parallel and Distributed Computing, 1999, 59, 229-251.	4.1	7
1331	Towards an evolutionary algorithm: a comparison of two feature selection algorithms. , 0, , .		4
1332	Multiobjective evolutionary algorithm test suites. , 1999, , .		294
1333	Real-time, 3D estimation of human body postures from trinocular images. , 0, , .		23
1334	A genetic approach to qualitative temporal reasoning with constraints. , 0, , .		1
1335	Single reflector synthesis for producing contour radiation pattern and signal null region using genetic algorithms. , 0, , .		1
1336	Multiple-criteria genetic algorithms for feature selection in neuro-fuzzy modeling. , 0, , .		14
1337	Decision tree induction in the diagnosis of otoneurological diseases. Informatics for Health and Social Care, 1999, 24, 277-289.	1.0	15
1338	Computational methods for two-level 0-1 programming problems with fuzzy parameters through genetic algorithms. , 1999, , .		2

#	Article	IF	Citations
1339	Recent trends of meta-heuristics applications in power systems. , 0, , .		10
1340	Characterization of induction machines with a genetic algorithm. , 0, , .		6
1341	Improving robustness of connectionist speech recognition systems by genetic algorithms. , 0, , .		2
1342	Modelling correlation of an ensemble. , 0, , .		0
1343	Evolutionary training of a neurofuzzy network for detection of P wave of the ECG. , 0, , .		2
1344	Adaptive behavior for cooperation: a virtual reality application. , 0, , .		3
1345	FARM: a data mining system for discovering fuzzy association rules. , 1999, , .		33
1346	Automated layout of concept lattices using force directed placement and genetic algorithms. , 0, , .		1
1347	A survey on supervised learning by evolving multi-layer perceptrons. , 0, , .		4
1348	A Web-based evolutionary model for Internet data caching. , 1999, , .		6
1349	Adaptive response and dose-response plateaus for initiation in a state-vector model of carcinogenesis. International Journal of Radiation Biology, 1999, 75, 351-364.	1.8	19
1350	A fault-tolerant evolvable face identification chip. , 0, , .		1
1351	Fuzzy inference models for short-term load forecasting with tabu search. , 0, , .		8
1352	Object oriented toolkit for multiobjective genetic optimisation. , 0, , .		0
1353	Virtual metamorphosis. IEEE MultiMedia, 1999, 6, 29-39.	1.7	20
1354	Exploring cost and reliability tradeoffs in architectural alternatives using a genetic algorithm. , 0, , .		17
1355	PODC: Paradigm-oriented distributed computing. , 0, , .		6
1356	Improved adaptive replacement algorithm for disk caches in HSM systems. , 0, , .		14

#	Article	IF	Citations
1357	An efficient evolutionary algorithm for (near-) optimal Steiner tree calculation: an approach to routing of multipoint connections. , 0, , .		0
1358	Virtual metamorphosis systems. , 0, , .		0
1359	Reconstruction of three-dimensional cardiac shapes in biplane angiography: a fuzzy and evolutionary approach. , 0, , .		1
1360	Application of genetic based fuzzy systems to hydroelectric generation scheduling. IEEE Transactions on Energy Conversion, 1999, 14, 724-730.	5.2	3
1361	Optimal design of irrigation networks using a genetic algorithm. , 0, , .		0
1362	The GENIE is out! (Who needs fitness to evolve?). , 0, , .		5
1363	A trajectory planner for manipulators using genetic algorithms. , 0, , .		7
1364	An evolutionary 3D over-the-cell router. , 0, , .		0
1365	Multimodal optimization of thermal histories. Comptes Rendus De L'AcadÃ©mie Des Sciences Earth & Planetary Sciences SÃ©rie II, Sciences De La Terre Et Des PlanÃ¨tes =, 1999, 329, 573-577.	0.2	0
1366	The farmers home administration and farm debt failure prediction. Journal of Accounting and Public Policy, 1999, 18, 99-139.	2.0	35
1367	On-line filter generation for binary image processing using FPGA. , 0, , .		3
1368	A hybrid genetic algorithm for optimizing sensing parameters in 3D motion estimation applications. , 0, , .		1
1369	An efficient algorithm to design weighted minimax perfect reconstruction quadrature mirror filter banks. IEEE Transactions on Signal Processing, 1999, 47, 3303-3314.	5.3	16
1370	Genetic algorithm based identification of nonlinear systems by sparse Volterra filters. IEEE Transactions on Signal Processing, 1999, 47, 3433-3435.	5.3	24
1371	High-performance of geometric primitives detection usinig genetic algorithm. , 0, , .		0
1372	Temperature Dependence of Magnetic Susceptibility. Current Methods in Inorganic Chemistry, 1999, 1, 315-344.	0.9	0
1373	Hybridizing rule-based power system stabilizers with genetic algorithms. IEEE Transactions on Power Systems, 1999, 14, 600-607.	6.5	54
1374	A method for optimization of fuzzy reasoning by genetic algorithms and its application to discrimination of myocardial heart disease. IEEE Transactions on Nuclear Science, 1999, 46, 2239-2246.	2.0	15

#	Article	IF	Citations
1375	Interactive batch process schedule optimization and decision-making using multiobjective genetic algorithms. , 0, , .		3
1376	Analytical and experimental results on multiagent cooperative behavior evolution. , 0, , .		3
1377	Towards an intelligent residential appraisal model. Journal of Property Research, 1999, 16, 67-90.	2.8	19
1378	Incremental design of high complexity FIR filters by genetic algorithms. , 0, , .		2
1379	An LSI implementation of an adaptive genetic algorithm with on-the-fly crossover operator selection. , 1999, , .		4
1380	A heuristic approach to performance management in computer networks. , 0, , .		2
1381	Design of 1-D FIR filters with genetic algorithms. , 0, , .		4
1382	Une approche pour l'approximation du profil en long des réseaux d'assainissement à partir de données incomplètes. Revue Des Sciences De L'Eau, 1999, 12, 661-669.	0.2	0
1383	Combined genetic K-means and radial basis function neural network technique for classifying and predicting soil moisture. , 1999, , .		1
1384	Space-planning by ant colony optimisation. International Journal of Computer Applications in Technology, 1999, 12, 320.	0.5	36
1385	Efficiency of applying Hopfield neural networks with simulated annealing and genetic algorithms for solving m-partite graph problem. International Journal of Computer Applications in Technology, 1999, 12, 339.	0.5	0
1386	Optimal Network Calibration Model Based on Genetic Algorithms. , 1999, , 1.		9
1387	Evolvable sonar spectrum discrimination chip designed by genetic algorithm. , 0, , .		5
1388	Hierarchical genetic algorithms for composite laminate panels stress optimisation. , 0, , .		0
1389	Differential Evolution Based Fuzzy Logic Controller for Nonlinear Process Control. Fundamenta Informaticae, 1999, 37, 121-136.	0.4	10
1390	An adaptive resource allocation and call admission control scheme for wireless ATM using genetic algorithms. , 0, , .		1
1391	Evolutionary algorithms for production planning problems with setup decisions. Journal of the Operational Research Society, 1999, 50, 857-866.	3.4	21
1392	The path planning of mobile manipulator with genetic-fuzzy controller in flexible manufacturing cell. , 0, , .		4

#	Article	IF	Citations
1393	Ways and Means to Enhance the Configurational Sampling of Small Peptides in Aqueous Solution in Molecular Dynamics Simulations. Theoretical and Computational Chemistry, 1999, 7, 859-898.	0.4	5
1394	Online learning of fuzzy behaviours using genetic algorithms and real-time interaction with the environment. , 1999, , .		12
1395	GeNotator: an environment for exploring the application of evolutionary techniques in computer-assisted composition. Organised Sound, 1999, 4, 127-133.	0.2	21
1396	Adaptive-growth-type 3D representation for configuration design. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1999, 13, 171-184.	1.1	12
1397	Automatic tuning of PID and gain scheduling PID controllers by a derandomized evolution strategy. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 1999, 13, 341-349.	1.1	12
1398	Modelling robot manipulators with multivariate B-splines. Robotica, 1999, 17, 239-247.	1.9	8
1399	Simulation-based sequential equivalence checking of RTL VHDL. , 0, , .		4
1400	Electromagnetic imaging by the genetic algorithm. , 0, , .		0
1401	Task scheduling on spacecraft by hybrid genetic algorithms. , 0, , .		4
1402	Multi-resolution image registration using genetics. , 1999, , .		18
1403	Nontraditional methods for solving EMI problems. , 1999, , .		0
1404	Credit analysis using radial basis function networks. , 0, , .		4
1405	New Analysis Method for Bending Problems of Beam by the BEM. 1st Report, Construction of Linear Equation and Non-dividing Analysis Scheme.. Nihon Kikai Gakkai Ronbunshu, A Hen/Transactions of the Japan Society of Mechanical Engineers, Part A, 1999, 65, 962-967.	0.2	0
1406	Effects of hierarchical migration in a parallel distributed parameter-free GA. , 0, , .		4
1407	Optimal system design considering warranty, periodic preventive maintenance, and minimal repair. Journal of the Operational Research Society, 2000, 51, 869-874.	3.4	13
1408	Traffic Flow Prediction Based on High-Order Generalized Neural Networks and Genetic Algorithm: A Case on China. , 2000, , 553.		1
1409	Genetic algorithms for multiobjective scheduling of combined batch/continuous process plants. , 0, , .		7
1410	Self-structuring antennas. , 0, , .		11

#	Article	IF	Citations
1411	Language and Hominid Politics. , 2000, , 62-80.		19
1412	Pareto-Optimal Observers for Ship Propulsion Systems by Evolutionary Computation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 891-896.	0.4	4
1413	Application of Genetic Algorithms to Determine Parameters of Process Models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 449-454.	0.4	0
1414	AUV Path Planning for Navigational Constrains by Evolutionary Computation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 313-316.	0.4	2
1415	Currency Exchange Rate Prediction Using an Optimised GMDH Algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 261-266.	0.4	2
1416	Applications of the operator's model for controller design and optimization. , 0, , .		0
1417	Stereo analysis using individual evolution strategy. , 0, , .		15
1418	Optimisation of an industrial cogeneration system by means of a multi-objective genetic algorithm. Computer Aided Chemical Engineering, 2000, 8, 25-29.	0.5	0
1419	Using Genetic Algorithm to Optimize Land Use Development Plan in Hong Kong. , 2000, , 342.		1
1420	Fuzzy Controller for a Mobile Robot on Dynamic Environment. Journal of Japan Society for Fuzzy Theory and Systems, 2000, 12, 55-63.	0.0	2
1421	Optimal range segmentation parameters through genetic algorithms. , 0, , .		12
1422	Optimizing fuzzy classifiers by evolutionary algorithms. , 0, , .		6
1423	<title>Adaptive compensation of aberrations in ultrafast 3D microscopy using a deformable mirror</title>. , 2000, , .		1
1424	Optimal Seismic Networks in Israel in the Context of the Comprehensive Test Ban Treaty. Bulletin of the Seismological Society of America, 2000, 90, 151-165.	2.3	20
1425	<title>Kalman extension of the genetic algorithm</title>. , 2000, 4055, 176.		1
1426	Design of a gradient-index beam shaping system via a genetic algorithm optimization method. , 2000, , .		11
1427	Sensor/actuator optimal design for active vibration control of shell structure. , 2000, 3985, 594.		2
1428	<title>Automatic page layout using genetic algorithms for electronic albuming</title>. , 2000, 4311, 79.		10

#	Article	IF	Citations
1429	\<title\>Full-sampling array feeds for radio telescopes\</title\>. , 2000, , .		34
1430	Optimal turning gait of a six-legged robot using a GA-fuzzy approach. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2000, 14, 207-219.	1.1	20
1431	Modeling and evaluating electricity options markets with intelligent agents. , 0, , .		10
1432	Exploiting coalition in co-evolutionary learning. , 0, , .		3
1433	Redundancy coordination of multiple robotic devices for welding through genetic algorithm. Robotica, 2000, 18, 669-676.	1.9	30
1434	Dynamic biped robot locomotion on less structured surfaces. Robotica, 2000, 18, 163-170.	1.9	18
1435	ROBUSTNESS OF OPTIMAL DESIGN SOLUTIONS TO REDUCE VIBRATION TRANSMISSION IN A LIGHTWEIGHT 2-D STRUCTURE, PART I: GEOMETRIC DESIGN. Journal of Sound and Vibration, 2000, 229, 505-528.	3.9	20
1436	Dipole matrix elements of semiconductor intersubband quantum structures. Superlattices and Microstructures, 2000, 28, 11-28.	3.1	5
1437	Tree chromosome structure in a genetic algorithm to identify functions. Systems and Computers in Japan, 2000, 31, 32-40.	0.2	2
1438	A fast and precise genetic algorithm for a non-linear fitting problem. Computer Physics Communications, 2000, 124, 204-211.	7.5	43
1439	A new approach to the determination of Markâ€"Houwink parameters. European Polymer Journal, 2000, 36, 2639-2644.	5.4	2
1440	Data block prefetching and caching in a hierarchical storage model. Information Sciences, 2000, 128, 19-41.	6.9	2
1441	An intelligent approach to integration and control of textile processes. Information Sciences, 2000, 123, 181-199.	6.9	23
1442	Process optimal design in non-steady forming of porous metals by the finite element method. International Journal of Mechanical Sciences, 2000, 42, 965-990.	6.7	5
1443	Application of genetic algorithm for determination of mass transfer coefficients. Journal of Crystal Growth, 2000, 216, 475-482.	1.5	10
1444	A perspective on the foundation and evolution of the linkage learning genetic algorithms. Computer Methods in Applied Mechanics and Engineering, 2000, 186, 269-294.	6.6	9
1445	Adaptive search in discrete limit analysis problems. Computer Methods in Applied Mechanics and Engineering, 2000, 189, 931-942.	6.6	7
1446	Masonry arch collapse loads and mechanisms by heuristically seeded genetic algorithm. Computer Methods in Applied Mechanics and Engineering, 2000, 190, 1233-1243.	6.6	6

#	Article	IF	Citations
1447	Soft computing for autonomous robotic systems. Computers and Electrical Engineering, 2000, 26, 5-32.	4.8	54
1448	Heuristic optimization for consistent initialization of DAEs. Computers and Chemical Engineering, 2000, 24, 2183-2191.	3.8	5
1449	Maximization of a nuclear system availability through maintenance scheduling optimization using a genetic algorithm. Nuclear Engineering and Design, 2000, 196, 219-231.	1.7	47
1450	Using genetic algorithms to work out index configurations for the class-hierarchy indexing in object databases. Information and Software Technology, 2000, 42, 731-741.	4.4	2
1451	Constrained optimization of test intervals using a steady-state genetic algorithm. Reliability Engineering and System Safety, 2000, 67, 215-232.	8.9	97
1452	An industrial Learning Classifier System: the importance of pre-processing real data and choice of alphabet. Engineering Applications of Artificial Intelligence, 2000, 13, 25-36.	8.1	3
1453	Size-selective oviposition by parasitoids and the evolution of life-history timing in hosts: fixed preferences vs frequency-dependent host selection. Oikos, 2000, 89, 305-312.	2.7	8
1454	Using a genetic algorithm-based system for the design of EDI controls: EDIGA. Expert Systems With Applications, 2000, 19, 83-96.	7.6	3
1455	A two-level parallelization strategy for Genetic Algorithms applied to optimum shape design. Parallel Computing, 2000, 26, 377-397.	2.1	24
1456	Performance optimization of financial option calculations. Parallel Computing, 2000, 26, 623-639.	2.1	13
1457	A method to improve multiobjective genetic algorithm optimization of a self-fuel-providing LMFBR by niche induction among nondominated solutions. Annals of Nuclear Energy, 2000, 27, 397-410.	1.8	42
1458	GA-based learning for a model-based object recognition system. International Journal of Approximate Reasoning, 2000, 23, 85-109.	3.3	11
1459	A solving method of an mdp with a constraint by genetic algorithms. Mathematical and Computer Modelling, 2000, 31, 165-173.	2.0	4
1460	A soft computing approach for recognition of occluded shapes. Journal of Systems and Software, 2000, 51, 73-83.	4.5	8
1461	Fuzzy modelling and identification with genetic algorithm based learning. Fuzzy Sets and Systems, 2000, 113, 351-365.	2.7	36
1462	Interactive decision making for multiobjective nonconvex programming problems with fuzzy numbers through coevolutionary genetic algorithms. Fuzzy Sets and Systems, 2000, 114, 151-165.	2.7	18
1463	Genetic-based fuzzy hybrid multichannel filters for color image restoration. Fuzzy Sets and Systems, 2000, 114, 203-224.	2.7	27
1464	Design of two-dimensional FIR digital filters for sampling structure conversion by genetic algorithm approach. Signal Processing, 2000, 80, 1445-1458.	3.7	18

#	Article	IF	Citations
1465	Complex genetic algorithm approach for designing equiripple complex FIR digital filters with weighting function. Signal Processing, 2000, 80, 197-204.	3.7	7
1466	Design of arbitrary FIR log filters by genetic algorithm approach. Signal Processing, 2000, 80, 497-505.	3.7	44
1467	Copy node allocation algorithms for multicast routing in large-scale ATM networks. Performance Evaluation, 2000, 41, 209-225.	1.2	0
1468	Identifying the impact of decision variables for nonlinear classification tasks. Expert Systems With Applications, 2000, 18, 201-214.	7.6	17
1469	A Universal Test of an Expected Utility Theory of War. International Studies Quarterly, 2000, 44, 451-480.	1.5	57
1470	Combustion process optimization by genetic algorithms: Reduction of NO_2 emission via optimal postflame process. Proceedings of the Combustion Institute, 2000, 28, 2483-2489.	3.9	6
1471	Evolving CAM-Brain to control a mobile robot. Applied Mathematics and Computation, 2000, 111, 147-162.	2.2	11
1472	An integrated state assignment and flip-flop selection technique for FSM synthesis. Microprocessors and Microsystems, 2000, 24, 141-152.	2.8	1
1473	Replicated servers allocation for multiple information sources in a distributed environment. Microprocessors and Microsystems, 2000, 24, 307-317.	2.8	1
1474	A genetic aggregate stereo algorithm for 3-D classification of occluded shapes. Pattern Recognition Letters, 2000, 21, 349-363.	4.2	3
1475	Genetic based algorithm for security constrained power system economic dispatch. Electric Power Systems Research, 2000, 53, 47-51.	3.6	24
1476	Power of heterogeneous computing as a vehicle for implementing E3 medical decision support systems. International Journal of Medical Informatics, 2000, 58-59, 179-190.	3.3	2
1477	Co-adaptation of self-organizing maps by evolution and learning. Neurocomputing, 2000, 30, 249-272.	5.9	0
1478	Calibration of a spectrometer using a genetic algorithm. IEEE Transactions on Instrumentation and Measurement, 2000, 49, 449-454.	4.7	14
1479	The genetic algorithm applied to haplotype data at the LDL receptor locus. Computer Methods and Programs in Biomedicine, 2000, 61, 1-9.	4.7	5
1480	Forest management decisions for wildlife objectives: system resolution and optimality. Computers and Electronics in Agriculture, 2000, 27, 25-39.	7.7	13
1481	The Design of Innovation. Technological Forecasting and Social Change, 2000, 64, 7-12.	11.6	44
1482	Genetic Algorithms for Optimizing the Remediation of Contaminated Aquifer. Transport in Porous Media, 2000, 41, 149-171.	2.6	4

#	Article	IF	Citations
1483	LEARNABLE EVOLUTION MODEL: Evolutionary Processes Guided by Machine Learning. Machine Learning, 2000, 38, 9-40.	5.4	178
1484	Combining preventive maintenance and statistical process control: a preliminary investigation. IIE Transactions, 2000, 32, 471-478.	2.1	38
1485	A Multistrategy Approach to Classifier Learning from Time Series. Machine Learning, 2000, 38, 213-236.	5.4	6
1486	Title is missing!. Journal of Theoretical Probability, 2000, 13, 225-257.	0.8	15
1487	Computerised Auto-Scoring System Based Upon Feature Extraction and Neural Network Technologies. Journal of Intelligent and Robotic Systems: Theory and Applications, 2000, 29, 335-347.	3.4	4
1488	Title is missing!. Journal of Signal Processing Systems, 2000, 24, 241-262.	1.0	6
1489	Multidimensional Exploration of Software Implementations for DSP Algorithms. Journal of Signal Processing Systems, 2000, 24, 83-98.	1.0	11
1490	A Genetic Approach for Simultaneous Design of Membership Functions and Fuzzy Control Rules. Journal of Intelligent and Robotic Systems: Theory and Applications, 2000, 28, 195-211.	3.4	24
1491	RTCS: a Reactive with Tags Classifier System. Journal of Intelligent and Robotic Systems: Theory and Applications, 2000, 27, 379-405.	3.4	5
1492	Predicting Aflatoxin Contamination in Peanuts: A Genetic Algorithm/Neural Network Approach. Applied Intelligence, 2000, 12, 183-192.	5.3	25
1493	Title is missing!. Applied Intelligence, 2000, 12, 163-181.	5.3	61
1494	Title is missing!. Computational Economics, 2000, 15, 107-143.	2.6	156
1495	Title is missing!. Computational Optimization and Applications, 2000, 15, 249-268.	1.6	79
1496	Mobile Station Positioning Using GSM Cellular Phone and Artificial Neural Networks. , 2000, 14, 235-254.		24
1497	Global Multiobjective Optimization Using Evolutionary Algorithms. Journal of Heuristics, 2000, 6, 347-360.	1.4	43
1498	Design of Stacked Self-Healing Rings Using a Genetic Algorithm. Journal of Heuristics, 2000, 6, 85-105.	1.4	30
1499	Detecting and Preventing Routing Problems in the Planning Process of CCSS #7 Networks. Journal of Heuristics, 2000, 6, 167-181.	1.4	1
1500	An Interactive Method for 0-1 Multiobjective Problems Using Simulated Annealing and Tabu Search. , 2000, 6, 385-403.		33

#	ARTICLE	IF	CITATIONS
1501	Allocation of Splitting Nodes in All-Optical Wavelength-Routed Networks. Photonic Network Communications, 2000, 2, 247-265.	2.7	41
1502	Evolutionary Modeling of Systems of Ordinary Differential Equations with Genetic Programming. Genetic Programming and Evolvable Machines, 2000, 1, 309-337.	2.2	126
1503	Principles in the Evolutionary Design of Digital Circuitsâ€"Part II. Genetic Programming and Evolvable Machines, 2000, 1, 259-288.	2.2	162
1504	A simulated annealing approach for buffer allocation in reliable production lines. Annals of Operations Research, 2000, 93, 373-384.	4.1	91
1505	Title is missing!. Telecommunication Systems, 2000, 13, 269-291.	2.5	39
1506	Hybrid Genetic Algorithms for Telecommunications Network Back-Up Routeing. BT Technology Journal, 2000, 18, 42-50.	0.5	38
1507	Evolutionary Algorithm Performance Profiles on the Adaptive Distributed Database Management Problem. BT Technology Journal, 2000, 18, 66-77.	0.5	2
1508	A Non-Discrete Approach to the Evolution of Information Filtering Trees. BT Technology Journal, 2000, 18, 122-128.	0.5	3
1509	Nature-Inspired Computing Technology and Applications. BT Technology Journal, 2000, 18, 13-23.	0.5	43
1510	Successful Application of Genetic Algorithms to Network Design and Planning. BT Technology Journal, 2000, 18, 32-41.	0.5	19
1511	Advanced Multi-Objective Evolutionary Algorithms Applied to Two Problems in Telecommunications. BT Technology Journal, 2000, 18, 51-65.	0.5	24
1512	Coupling Developmental Rules and Evolution to Aid in Planning Network Growth. BT Technology Journal, 2000, 18, 95-102.	0.5	5
1513	Integration of Computational Models Inspired by Economics and Genetics. BT Technology Journal, 2000, 18, 150-161.	0.5	8
1514	Eos â€" An Evolutionary and Ecosystem Research Platform. BT Technology Journal, 2000, 18, 24-31.	0.5	13
1515	The GA-ANN method for determining calculation parameters for deep excavation. Journal of Zhejiang University: Science A, 2000, 1, 408-413.	2.4	6
1516	A genetic algorithm for the structural optimization of Morse clusters. Theoretical Chemistry Accounts, 2000, 104, 123-130.	1.4	128
1517	A practical use of cellular neural networks: the stereo-vision problem as an optimisation. Machine Vision and Applications, 2000, 11, 242-251.	2.7	7
1518	Optimization of cooling tower shells using a simple genetic algorithm. Structural and Multidisciplinary Optimization, 2000, 19, 311-316.	3.5	1

#	Article	IF	Citations
1519	Optimising an Assembly Line Through Simulation Augmented by Genetic Algorithms. International Journal of Advanced Manufacturing Technology, 2000, 16, 220-228.	3.0	17
1520	An Adaptive Genetic Algorithm for Manufacturing Cell Formation. International Journal of Advanced Manufacturing Technology, 2000, 16, 491-497.	3.0	102
1521	Modelling research and development: How do firms solve design problems?. Journal of Evolutionary Economics, 2000, 10, 395-413.	1.7	11
1522	Feedback-controlled femtosecond pulse shaping. Applied Physics B: Lasers and Optics, 2000, 70, S119-S124.	2.2	59
1523	Optimal control of one- and two-photon transitions with shaped femtosecond pulses and feedback. Applied Physics B: Lasers and Optics, 2000, 71, 277-284.	2.2	116
1524	Control of the photodissociation of CsCl. Applied Physics B: Lasers and Optics, 2000, 71, 267-276.	2.2	27
1525	A survey and annotated bibliography of multiobjective combinatorial optimization. OR Spectrum, 2000, 22, 425-460.	3.4	540
1526	An adaptive associative memory system based on autonomous reaction between image memories. Artificial Life and Robotics, 2000, 4, 53-56.	1.2	2
1527	A polynomial fuzzy neural network for modeling and control. Artificial Life and Robotics, 2000, 4, 162-166.	1.2	2
1528	Evolutionary Algorithms: A Tool for Addressing Problems which Humans Cannot Solve. Cognition, Technology and Work, 2000, 2, 35-49.	3.0	2
1529	Genetic algorithm design of neural network and fuzzy logic controllers. Soft Computing, 2000, 4, 186-192.	3.6	5
1530	Automated Recurrent Neural Network Design to Model the Dynamics of Complex Systems. Neural Computing and Applications, 2000, 9, 190-201.	5.6	11
1531	Learning and Tuning Fuzzy Rule-Based Systems for Linguistic Modeling. , 2000, , 889-941.		14
1532	Techniques for Genetic Adaptive Control. , 2000, , 257-278.		0
1533	Genetic programming as a model induction engine. Journal of Hydroinformatics, 2000, 2, 35-60.	2.4	158
1534	Utilizing a Genetic Algorithm to Optimize Vehicle Simulation Trajectories: Determining Initial Velocity of a Vehicle in Yaw. , 2000, , .		4
1535	Constructing a fuzzy expert system using the ILFN network and the genetic algorithm. , 0, , .		4
1536	Application of a Genetic Algorithm in Triangulation of A 3-D Object Surface. International Journal of Computers and Applications, 2000, 22, 73-77.	1.3	0

#	ARTICLE	IF	CITATIONS
1537	Stochastic algorithms for buffer allocation in reliable production lines. Mathematical Problems in Engineering, 2000, 5, 441-458.	1.1	36
1538	Genetic learner: Discretization and fuzzification of numerical attributes. Intelligent Data Analysis, 2000, 4, 445-460.	0.9	5
1539	The Basis Risk of Catastrophic-Loss Index Securities. SSRN Electronic Journal, 2000, , .	0.4	12
1540	Structure Determination of Molecular Crystals Directly from Powder Diffraction Data. Nihon Kessho Gakkaishi, 2000, 42, 29-29.	0.0	0
1541	Modeling multilayer x-ray reflectivity using genetic algorithms. AIP Conference Proceedings, 2000, , .	0.4	2
1542	Vector decision trees. Intelligent Data Analysis, 2000, 4, 305-321.	0.9	12
1543	Towards the support of innovative conceptual design through interactive designer/evolutionary computing strategies. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2000, 14, .	1.1	29
1544	Exploiting Problem Structure in a Genetic Algorithm Approach to a Nurse Rostering Problem. SSRN Electronic Journal, 2000, , .	0.4	4
1545	Case-based evolutionary design. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2000, 14, .	1.1	14
1546	The asteroseismology metacomputer. Open Astronomy, 2000, 9, .	0.6	0
1547	Multicriteria Scheduling in Water Resources Engineering Using Genetic Algorithm. , 2000, , 1434.		2
1548	A robust evolutionary algorithm for optical thin-film designs. , 0, , .		5
1549	Microwave Imaging of Parallel Perfectly Conducting Cylinders Using Real-Coded Genetic Algorithm Coupled With Newton-Kantorivitch Method - Abstract. Journal of Electromagnetic Waves and Applications, 2000, 14, 799-800.	1.6	6
1550	Niche construction, biological evolution, and cultural change. Behavioral and Brain Sciences, 2000, 23, 131-146.	0.7	765
1551	A modified genetic algorithm-algorithm description. , 0, , .		0
1552	The use of genetic algorithms in validating the system model and determining worst-case transients in capacitor switching simulation studies. , 0, , .		3
1553	The use of genetic algorithms for the localization and the sizing of passive filters. , 0, , .		24
1554	Towards the evolutionary emergence of increasingly complex advantageous behaviours. International Journal of Systems Science, 2000, 31, 843-860.	5.5	24

#	ARTICLE	IF	CITATIONS
1555	Worst-case performance assessment of switching overvoltage and mitigation for mass rapid transit system using genetic algorithm. , 0, , .		2
1556	A new method for multi-bus unbalanced voltages synthetic compensation. , 0, , .		0
1557	Shop floor production community design: artificial agents based approach. , 0, , .		2
1558	Pattern matching in high energy physics by using neural network and genetic algorithm. , 2000, , .		0
1559	A co-evolutionary approach to strategy design for decision makers in complex negotiation situations. , 0, , .		7
1560	Rule-based decision-making unit for eigenstructure assignment via parallel genetic algorithm and LQR designs. , 2000, , .		7
1561	Action module planning and its application to an experimental climbing robot. , 0, , .		18
1562	A genetic algorithm for optimal positioning of actuators in active noise control: results from the ASANCA project. Aircraft Engineering and Aerospace Technology, 2000, 72, 252-258.	0.8	4
1563	Grammars and cellular automata for evolving neural networks architectures. , 0, , .		4
1564	Knowledge discovery with B-spline networks. , 0, , .		0
1565	Task matching and scheduling based on co-evolutionary model. , 0, , .		0
1566	Low-power binding of function units in high-level synthesis. , 0, , .		3
1567	Abstract program evaluation and its application to sorter evolution. , 0, , .		2
1568	A fuzzy logic resource manager and underlying data mining techniques. , 2000, , .		4
1569	Performance estimation techniques for power system dynamic stability using least squares, Kalman filtering and genetic algorithms. , 0, , .		8
1570	Errata. Evolutionary Computation, 2000, 8, 121-122.	3.0	2
1571	Railway junction conflict resolution by genetic algorithm. Electronics Letters, 2000, 36, 771.	1.0	11
1572	On the influence of the representation granularity in heuristic forma recombination. , 2000, , .		10

#	ARTICLE	IF	CITATIONS
1573	A genetic local search algorithm for random binary constraint satisfaction problems. , 2000, , .		16
1574	An evolutionary hybrid approach to the design of a decision support system. , 2000, , .		2
1575	An Evolutionary Algorithm for Solving the Geometrically Constrained Site Layout Problem. , 2000, , 1442.		12
1576	A methodology for modeling HVAC components using evolving fuzzy rules. , 0, , .		3
1577	Genetic algorithm accelerator GAA-II. , 2000, , .		6
1578	Pulse-diverse radar waveform design for accurate joint estimation of time delay and Doppler shift. , 0, , .		2
1579	Optimum binary codification for genetic design of artificial neural networks. , 0, , .		2
1580	Simple evolving connectionist systems and experiments on isolated phoneme recognition. , 0, , .		16
1581	Genetic algorithm-based optimum design of radar multi-segment detection processor. , 0, , .		0
1582	GA optimisation of rule base in a fuzzy logic control of a solar power plant. , 0, , .		5
1583	Determining equilibrium of competitive power markets. , 0, , .		4
1584	Analysis of circuits containing nonlinear elements using neural networks and genetic algorithm. , 0, , .		2
1585	On the genetic adaptation of stochastic learning automata. , 0, , .		0
1586	Diagnostic test generation for sequential circuits. , 0, , .		13
1587	Estimation of inductive and resistive switching noise on power supply network in deep sub-micron CMOS circuits. , 0, , .		38
1588	Scheduling using genetic algorithms. , 0, , .		3
1589	GA method for solving minimum rank problems in reduced-order H/sub âˆž/ synthesis. , 0, , .		0
1590	A model-based real-world scene recognition using local/global search of a GA for manipulator real-time visual servoing. , 0, , .		0

#	ARTICLE	IF	CITATIONS
1591	Real-time recognition of corridor under varying lighting conditions for autonomous vehicle. , 0, , .		2
1592	Multiobjective optimization of heat transfer plant using decision table controller and genetic algorithm. , 0, , .		0
1593	New Solution for Directional Wave Analysis in Reflective Wave Fields. Journal of Waterway, Port, Coastal and Ocean Engineering, 2000, 126, 173-181.	1.2	5
1594	Adaptive neural network model based nonlinear predictive control of a fluid catalytic cracking unit. Computer Aided Chemical Engineering, 2000, 8, 235-240.	0.5	2
1595	Optimization Algorithms Based on Renormalization Group. Progress of Theoretical Physics Supplement, 2000, 138, 448-453.	0.1	0
1596	A Genetic Algorithm for Vertical Fragmentation and Access Path Selection. Computer Journal, 2000, 43, 81-93.	2.4	24
1597	Peak power reduction in low power BIST. , 0, , .		2
1598	Use of evolutionary methods for bioeconomic optimization models: an application to fisheries. Agricultural Systems, 2000, 66, 33-49.	6.1	8
1599	niGAVaPS --- outbreeding in genetic algorithms. , 2000, , .		14
1600	The role played by a low viscosity zone under a 660 km discontinuity in regional mantle layering. Earth and Planetary Science Letters, 2000, 181, 573-583.	4.4	15
1601	Analysis of the response surface of the objective function by the optimum parameter curve: how good can the optimum parameter values be?. Journal of Hydrology, 2000, 234, 187-207.	5.4	10
1602	Genetic algorithm approach to fixed-order mixed H/sub 2//H/sub /spl infin/#x221E;/ optimal deconvolution filter designs. IEEE Transactions on Signal Processing, 2000, 48, 3451-3461.	5.3	26
1603	The optimization of gas turbine engine design by genetic algorithms. , 2000, , .		16
1604	Feature selection for texture analysis using genetic algorithms. International Journal of Computer Mathematics, 2000, 74, 279-292.	1.8	6
1605	Hybrid Base Isolation-Passive Mass Damper Systems. , 2000, , 279.		4
1606	Mind-evolution-based machine learning: an efficient approach of evolution computation. , 0, , .		11
1607	Using genetic algorithms with sexual or asexual transposition: a comparative study. , 0, , .		7
1608	Optimal trajectory generation for redundant planar manipulators. , 0, , .		11

#	ARTICLE	IF	CITATIONS
1609	Genetic approach for obstacle detection using linear stereo vision. , 0, , .		16
1610	Extraction of parametric human model for posture recognition using genetic algorithm. , 0, , .		15
1611	Motion planning of an autonomous mobile robot by integrating GAs and fuzzy logic control. , 0, , .		11
1612	Evolution-based virtual training in extracting fuzzy knowledge for deburring tasks. , 0, , .		1
1613	Evolutionary tuning of neural networks for gesture recognition. , 0, , .		2
1614	Analysis of common genetic operators. , 0, , .		2
1615	Evolutionary genetic approach to determine junction temperature in electronic packages. , 0, , .		0
1616	Embedded core testing using genetic algorithms. , 0, , .		4
1617	Robust texture feature extraction using two dimension genetic algorithms. , 0, , .		4
1618	Fingerprint registration using genetic algorithms. , 0, , .		8
1619	The driven genetic selection mechanism. , 0, , .		0
1620	An application of genetic algorithms and BDDs to functional testing. , 0, , .		8
1621	Effect of genetic algorithm parameters on PCS network planning. , 0, , .		1
1622	Global optimization approaches to MEG source localization. , 0, , .		2
1623	An application of genetic algorithm for three phases screened conductors optimization. , 0, , .		4
1624	Towards fuzzy gain scheduling for gas turbine aero-engine systems: a multiobjective approach. , 0, , .		1
1625	Search algorithm of a maximum rectangular region for object description. , 0, , .		0
1626	From data mining to rule refining. A new tool for post data mining rule optimisation. , 0, , .		0

#	Article	IF	Citations
1627	Non-intrusive BIST for systems-on-a-chip. , 0, , .		22
1628	Permutation-based evolutionary algorithms for multidimensional knapsack problems. , 2000, , .		24
1629	The optimal loss reduction of distribution feeder based on special distribution transformers reconnection using genetic algorithm. , 0, , .		2
1630	A genetic algorithm for the synthesis of structured data paths. , 0, , .		9
1631	Tri-phase performance profile of evolutionary search on uni- and multi-modal search spaces. , 0, , .		3
1632	Large production line optimization using simulated annealing. International Journal of Production Research, 2000, 38, 509-541.	7.5	69
1633	Multiobjective L1/Hˆž Controller Design for Systems with Frequency and Time Domain Constraints. European Journal of Control, 2000, 6, 170-183.	2.6	1
1634	Searching for a solution: engineering tradeoffs and the evolution of provably secure protocols. , 0, , .		10
1635	Learning as applied to stochastic optimization for standard-cell placement. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2001, 20, 516-527.	2.7	7
1636	Dynamic optimisation of evolving connectionist system training parameters by pseudo-evolution strategy. , 0, , .		4
1637	A genetic-based neuro-fuzzy generator: NEFGEN. , 0, , .		5
1638	Optimal reactive power dispatch using a hybrid formulation: genetic algorithms and interior point. , 0, , .		11
1639	Nonlinear Filters Based on Fuzzy Models. , 2001, , 355-374.		4
1640	Evolutionary segmentation of financial time series into subsequences. , 0, , .		9
1641	Merging mobile agents, genetic algorithms, and fuzzy logic for intelligent Internet search. , 0, , .		2
1642	Evolutionary coded modulation: a coded-modulation extension of turbo codes designed with genetic algorithms. , 0, , .		0
1643	Using a genetic algorithm to optimize a dual mode storable propellant spacecraft. , 2001, , .		0
1644	Embedding the priority list into tabu search for unit commitment. , 0, , .		21

#	ARTICLE	IF	CITATIONS
1645	Inverse Problems in Underwater Acoustics. , 2001, , .		20
1646	A Greedy Randomized Adaptive Search Procedure for Transmission Expansion Planning. IEEE Power Engineering Review, 2001, 21, 70-71.	0.1	44
1647	Robust parameter settings of evolutionary algorithms for the optimisation of agricultural systems models. Agricultural Systems, 2001, 69, 199-213.	6.1	29
1648	A new genetic operator maintaining population diversity. AIP Conference Proceedings, 2001, , .	0.4	3
1649	Design of interacting multiple model filters based on evolution strategies. , 0, , .		0
1650	Reactive power compensation using a multi-objective evolutionary algorithm. , 0, , .		17
1651	The relationship between the physical properties of the assumed pyrolite composition and depth distributions of seismic velocities in the upper mantle. Physics of the Earth and Planetary Interiors, 2001, 125, 1-17.	1.9	11
1652	A hybrid approach to the recovery of deformable superquadric models from 3D data. , 0, , .		5
1653	Medical image registration and model construction using genetic algorithms. , 0, , .		5
1654	A computational model to predict clathration of molecules with cephradineâ€. Perkin Transactions II RSC, 2001, , 981-987.	1.1	1
1655	Gene classification using expression profiles: a feasibility study. , 2001, , .		24
1656	A prior pertinence evaluation using fuzzy set and Bayes theory for esophagus wall segmentation. , 0, , .		0
1657	Weighting of constraints in fuzzy optimization. , 0, , .		5
1658	Learning of neural networks with GA-based instance selection. , 0, , .		18
1659	Multiple path planning for a group of mobile robot in a 2-D environment using genetic algorithms. , 0, , .		13
1660	Population learning algorithm versus evolutionary computation. , 0, , .		1
1661	Real-time deadlock-free control strategy for single multi-load automated guided vehicle on a job shop manufacturing system. International Journal of Production Research, 2001, 39, 1323-1342.	7.5	14
1662	Constrained dynamic economic dispatch by simulated annealing/genetic algorithms. , 0, , .		18

#	ARTICLE	IF	CITATIONS
1663	A genetic algorithm with coverage for object localization. , 0, , .		1
1664	Application of genetic algorithm in extraction of fuzzy rules for a boiler system identifier. , 0, , .		0
1665	Genetic algorithm-based combinatorial parametric optimization for the calibration of microscopic traffic simulation models. , 0, , .		8
1666	Highlights on the evolutionary engineering approach: the EE-method. , 0, , .		3
1667	Automatic feature extraction from wavelet coefficients using genetic algorithms. , 0, , .		5
1668	Simulation-based engineering of complex adaptive systems using a classifier block. , 0, , .		4
1669	A genetic algorithm approach to large scale combinatorial optimization problems in the advertising industry. , 0, , .		4
1670	Using a classifier system to improve dynamic load balancing. , 0, , .		6
1671	Variations of focal regions versus numbers and positions of sources in two-dimensional media. International Journal of Hyperthermia, 2001, 17, 382-400.	2.5	4
1672	Cross-learning on multiple databases in the case of acute appendicitis. , 0, , .		1
1673	Optimization of amplifier placements in switch-based optical networks. , 0, , .		15
1674	Multi-resolution stereo matching using genetic algorithm. , 0, , .		18
1675	A genetic algorithm for image segmentation. , 0, , .		23
1676	Automatic curve fairing system using visual languages. , 0, , .		6
1677	GNNFRM: Genetically constructed neuro new fuzzy reasoning model. , 0, , .		0
1678	Circuit synthesis evolution using a hardware-based genetic algorithm. , 0, , .		5
1679	Multiple relational graphs mapping using genetic algorithms. , 0, , .		4
1680	Multi-objective reactive power compensation. , 0, , .		16

#	ARTICLE	IF	CITATIONS
1681	Fault location estimation based on matching the simulated and recorded waveforms using genetic algorithms. , 2001, , .		32
1682	Genetic algorithm approach to generate rules and membership functions of fuzzy traffic controller. , 0, , .		3
1683	Training data reduction for optimisation of fuzzy logic systems for dynamic modeling of robot manipulators by genetic algorithms. , 0, , .		0
1684	FECS: An efficiency based learning classifier system applied to an industrial production process. AIP Conference Proceedings, 2001, , .	0.4	0
1685	A comparative study of saliency analysis and genetic algorithm for feature selection in support vector machines. Intelligent Data Analysis, 2001, 5, 191-209.	0.9	41
1686	A GA Approach for Simultaneous Structural Optimization. , 2001, , 1147-1154.		4
1687	Data Mining Tools and Techniques. , 2001, , 59-91.		0
1688	Microsystem Design Synthesis. , 2001, , 126-169.		3
1689	Evolutionary and Adaptive Synthesis Methods. , 2001, , 270-320.		6
1690	SUBJECTIVE ASSESSMENT & amp; OBJECTIVE MEASUREMENT OF HANDLING MANOEUVRES IN TWO-WHEELED VEHICLES. , 2001, , .		5
1691	A NEURAL NETWORK FOR SETTING TARGET CORN YIELDS. Transactions of the American Society of Agricultural Engineers, 2001, 44, .	0.9	62
1692	Modular production line optimization: The exPLORE architecture. Mathematical Problems in Engineering, 2001, 6, 527-541.	1.1	3
1693	The Dynamics of Law Clerk Matching: An Experimental and Computational Investigation of Proposals for Reform of the Market. SSRN Electronic Journal, 2001, , .	0.4	7
1694	Dynamic manufacturing scheduling using both functional and resource related agents. Integrated Computer-Aided Engineering, 2001, 8, 17-30.	4.6	40
1695	Initial research on schedule interface with shop floor control system. , 0, , .		2
1696	Mutation-Selection Algorithm: a Large Deviation Approach. , 2001, , 227-240.		4
1697	A rough set approach to the treatment of continuous-valued attributes in multi-concept classification for mechanical diagnosis. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2001, 15, 211-221.	1.1	4
1698	Multistep Genetic Algorithm for Detecting Corrosion of Reinforcing Steels in Concrete. Corrosion, 2001, 57, 794-801.	1.1	18

#	Article	IF	Citations
1699	Coordination of multiple behavior modules evolved on CAM-Brain. , 0, , .		0
1700	Tractable neurocontroller design and application to ship control with actuator limits. , 0, , .		0
1701	Traffic flow simulation using cellular automata under non-equilibrium environment. , 0, , .		4
1702	Integrating adaptive mutations and family competition with differential evolution for flexible ligand docking. , 0, , .		2
1703	Genetic algorithm based antenna diversity assisted multiuser detection for synchronous CDMA systems. , 0, , .		1
1704	Fuzzy adaptive rules in the forecasting of short memory time series. , 0, , .		0
1705	Direction of arrival estimation using genetic algorithms. , 0, , .		10
1706	Source Characterization of Nevada Test Site Explosions and Western U.S. Earthquakes using Lg Waves: Implications for Regional Source Discrimination. Bulletin of the Seismological Society of America, 2001, 91, 140-153.	2.3	6
1707	Discrete-time model reduction of sampled systems using an enhanced multiresolutional dynamic genetic algorithm. , 0, , .		1
1708	Using genetic algorithm in robust nonlinear model predictive control. Computer Aided Chemical Engineering, 2001, 9, 711-716.	0.5	3
1709	Design Optimization of Exhaust Manifold for a Car Engine Using MOGA.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2001, 67, 2746-2753.	0.2	2
1710	Inversion in geology by interactive evolutionary computation. , 0, , .		4
1711	Evolutionary robust fuzzy control for the rejection of sinusoidal disturbances with unknown frequency. , 0, , .		0
1712	Optimal Sampling in a Noisy Genetic Algorithm for Risk-Based Remediation Design. , 2001, , 1.		9
1713	Implementation of multiobjective optimisation for multipurpose batch plant planning. Computer Aided Chemical Engineering, 2001, , 949-954.	0.5	0
1714	Comparing Learning Classifier Systems and Genetic Programming: A Case Study. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 596-601.	0.4	0
1715	Optimal Control of Fruit Responses during Storage as Affected by Temperature. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 125-130.	0.4	0
1716	Fuzzy Genetic Modelling of Air-conditioning System for Fault Diagnosis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2001, 34, 419-424.	0.4	0

#	Article	IF	Citations
1717	\<title\>Optimal array configuration search using genetic algorithm\</title\>. , 2001, , .		1
1718	A Method for Generation of Alternatives by Decision Support Systems. Journal of Management Information Systems, 2001, 18, 229-250.	4.3	24
1719	Genetic algorithm-based parameter-extraction for power GaAs MESFET. , 0, , .		4
1720	UNFREEZING HABITUAL BEHAVIOR BY TRANSPORTATION POLICIES. Doboku Gakkai Ronbunshu, 2001, 2001, 85-101.	0.2	1
1721	Radiated emissions conversion from anechoic environment to OATS using a hybrid genetic algorithm-gradient method. , 0, , .		2
1722	A genetic algorithm based process planning system for mould base. International Journal of Computer Applications in Technology, 2001, 14, 190.	0.5	7
1723	Bayesian reconstruction of approximately periodic potentials for quantum systems at finite temperature. European Physical Journal B, 2001, 20, 349-366.	1.5	5
1724	A generalized shape optimization procedure for the solution of linear partial differential equations with application to multidisciplinary optimization. Structural and Multidisciplinary Optimization, 2001, 21, 327-331.	3.5	7
1725	Development of multiple cycle coupling suspension in the optimization of complex systems. Structural and Multidisciplinary Optimization, 2001, 22, 268-283.	3.5	33
1726	Selection strategies in a structural design support system. Structural and Multidisciplinary Optimization, 2001, 21, 69-79.	3.5	5
1727	Optimum load and resistance factor design of steel space frames using genetic algorithm. Structural and Multidisciplinary Optimization, 2001, 21, 292-299.	3.5	26
1728	Controlled mutation in evolutionary structural optimization. Structural and Multidisciplinary Optimization, 2001, 21, 355-360.	3.5	11
1729	Performance Management of Communication Networks for Computer Integrated Manufacturing. International Journal of Advanced Manufacturing Technology, 2001, 18, 764-770.	3.0	6
1730	The evolution of insurance markets under adverse selection. Journal of Evolutionary Economics, 2001, 11, 501-526.	1.7	2
1731	A Robust Evolutionary Algorithm for Training Neural Networks. Neural Computing and Applications, 2001, 10, 214-230.	5.6	36
1732	Identification of Residential Property Sub-Markets using Evolutionary and Neural Computing Techniques. Neural Computing and Applications, 2001, 10, 108-119.	5.6	4
1733	Evolutionary Modular MLP with Rough Sets and ID3 Algorithm for Staging of Cervical Cancer. Neural Computing and Applications, 2001, 10, 67-76.	5.6	15
1734	Self-organizing fuzzy control of multi-variable systems using learning vector quantization network. Fuzzy Sets and Systems, 2001, 124, 197-212.	2.7	18

#	ARTICLE	IF	CITATIONS
1735	Identification of -fuzzy measures using sampling design and genetic algorithms. Fuzzy Sets and Systems, 2001, 123, 321-341.	2.7	40
1736	Hybridizing genetic algorithms with sharing scheme and evolution strategies for designing approximate fuzzy rule-based systems. Fuzzy Sets and Systems, 2001, 118, 235-255.	2.7	92
1737	Comparison of partition evaluation measures in an adaptive partitioning algorithm for global optimization. Fuzzy Sets and Systems, 2001, 117, 47-60.	2.7	7
1738	An optimal design of neuro-FLC by Lamarckian co-adaptation of learning and evolution. Fuzzy Sets and Systems, 2001, 118, 319-337.	2.7	5
1739	Fuzzy rule learning during simulation of manufacturing resources. Fuzzy Sets and Systems, 2001, 122, 469-485.	2.7	9
1740	Approximating an optimal feedback control law by a generalized Sugeno controller. Fuzzy Sets and Systems, 2001, 121, 39-57.	2.7	4
1741	Vector quantization of excitation gains in speech coding. Signal Processing, 2001, 81, 203-209.	3.7	10
1742	An optimal L-filter for reducing blocking artifacts using genetic algorithms. Signal Processing, 2001, 81, 1525-1535.	3.7	21
1743	Neural network and genetic algorithm-based hybrid approach to expanded job-shop scheduling. Computers and Industrial Engineering, 2001, 39, 337-356.	6.3	58
1744	Distributed multiprocessor scheduling with decomposed optimization criterion. Future Generation Computer Systems, 2001, 17, 387-396.	7.5	7
1745	Mapping tasks onto nodes: a parallel local neighborhood approach. Future Generation Computer Systems, 2001, 17, 397-403.	7.5	0
1746	2-phase GA-based image registration on parallel clusters. Future Generation Computer Systems, 2001, 17, 467-476.	7.5	30
1747	Viscous single and multicomponent airfoil design with genetic algorithms. Finite Elements in Analysis and Design, 2001, 37, 365-380.	3.2	25
1748	Robust scene recognition using a GA and real-world raw-image. Measurement: Journal of the International Measurement Confederation, 2001, 29, 249-267.	5.0	24
1749	Multi-dimensional design optimisation of laminated structures using an improved genetic algorithm. Composite Structures, 2001, 54, 349-354.	5.8	22
1750	New advances in spatial network modelling: Towards evolutionary algorithms. European Journal of Operational Research, 2001, 128, 385-401.	5.7	10
1751	A comparison of genetic and conventional methods for the solution of integer goal programmes. European Journal of Operational Research, 2001, 132, 594-602.	5.7	12
1752	Quenching and annealing in the minority game. Physica A: Statistical Mechanics and Its Applications, 2001, 294, 539-546.	2.6	10

#	Article	IF	Citations
1753	The GARCH-stable option pricing model. Mathematical and Computer Modelling, 2001, 34, 1199-1212.	2.0	2
1754	Operation planning of district heating and cooling plants through genetic algorithms for nonlinear 0–1 programming. Computers and Mathematics With Applications, 2001, 42, 1365-1378.	2.7	8
1755	Impedance imaging of two-phase flow field with mesh grouping method. Nuclear Engineering and Design, 2001, 204, 57-67.	1.7	18
1756	Bootstrapping for efficient handwritten digit recognition. Pattern Recognition, 2001, 34, 1047-1056.	8.1	19
1757	Hybrid symbiotic genetic optimisation for robust edge-based stereo correspondence.. Pattern Recognition, 2001, 34, 2477-2496.	8.1	17
1758	Genetic evolution of nonlinear material constitutive models. Computer Methods in Applied Mechanics and Engineering, 2001, 190, 5957-5973.	6.6	29
1759	A genetic approach to hybrid control of sampled-data uncertain system with input time delay. Computers and Electrical Engineering, 2001, 27, 395-417.	4.8	4
1760	Assessing the performance of a heuristic simulated annealing algorithm for the design of distributed satellite systems. Acta Astronautica, 2001, 48, 529-543.	3.2	21
1761	Autonomous control of complex systems: robotic applications. Applied Mathematics and Computation, 2001, 120, 15-29.	2.2	7
1762	Synthesis of RTD models VIA stochastic procedures: simulated annealing and genetic algorithm. Computers and Chemical Engineering, 2001, 25, 1169-1183.	3.8	10
1763	A new tool in electrostatics using a really-coded multipopulation genetic algorithm tuned through analytical test problems. Advances in Engineering Software, 2001, 32, 363-374.	3.8	4
1764	An evolutionary approach to incorporating intradepartmental flow into facilities design. Advances in Engineering Software, 2001, 32, 443-453.	3.8	5
1765	On-line evolution of robust control systems: an industrial active magnetic bearing application. Control Engineering Practice, 2001, 9, 37-49.	5.5	38
1766	A genetic algorithm approach to image sequence interpolation. Signal Processing: Image Communication, 2001, 16, 507-520.	3.2	11
1767	Modeling of forming efficiency using genetic programming. Journal of Materials Processing Technology, 2001, 109, 20-29.	6.3	8
1768	Baldwinian learning utilizing genetic and heuristic algorithms for logic synthesis and minimization of incompletely specified data with Generalized Reed–Muller (AND–EXOR) forms. Journal of Systems Architecture, 2001, 47, 477-489.	4.3	9
1769	Optimization of web newspaper layout in real time. Computer Networks, 2001, 36, 311-321.	5.1	2
1770	Wireless resource management using genetic algorithm for mobiles equilibrium. Computer Networks, 2001, 37, 631-643.	5.1	7

#	ARTICLE	IF	CITATIONS
1771	DEVELOPMENT OF OPTIMALLY DISORDERED CRITICAL RANDOM EXCITATION. Journal of Sound and Vibration, 2001, 244, 871-881.	3.9	2
1772	ROBUSTNESS OF OPTIMAL DESIGN SOLUTIONS TO REDUCE VIBRATION TRANSMISSION IN A LIGHTWEIGHT 2-D STRUCTURE, PART III: USING BOTH GEOMETRIC REDESIGN AND THE APPLICATION OF ACTIVE VIBRATION CONTROL. Journal of Sound and Vibration, 2001, 245, 417-431.	3.9	3
1773	Semiconductor intersubband laser/detector performance optimization using a simulated annealing algorithm. Superlattices and Microstructures, 2001, 30, 29-43.	3.1	5
1774	Evolutionary Optimization of Metabolic Pathways. Theoretical Reconstruction of the Stoichiometry of ATP and NADH Producing Systems. Bulletin of Mathematical Biology, 2001, 63, 21-55.	1.9	65
1775	A Model for the Interaction of Learning and Evolution. Bulletin of Mathematical Biology, 2001, 63, 117-134.	1.9	15
1776	Modifications of the classical genetic algorithm for non-linear fitting applied to response surface modeling in HPLC. Computer Physics Communications, 2001, 141, 225-229.	7.5	9
1777	Searching stochastically generated multi-abstraction-level design spaces. Artificial Intelligence, 2001, 129, 63-90.	5.8	1
1778	A homotopy approach to improving PEM identification of ARMAX models. Automatica, 2001, 37, 1323-1334.	5.0	22
1779	Quantum optimal quantum control field design using logarithmic maps. Chemical Physics Letters, 2001, 348, 440-446.	2.6	1
1780	Optimizing lattice-based associative memory networks by evolutionary algorithms. Information Sciences, 2001, 136, 69-84.	6.9	1
1781	Logically Clustered Architectures for Networked Databases. Distributed and Parallel Databases, 2001, 10, 161-198.	1.6	4
1782	Title is missing!. Experimental Astronomy, 2001, 12, 163-178.	3.7	7
1783	Operational Decisions in AGV-Served Flowshop Loops: Scheduling. Annals of Operations Research, 2001, 107, 161-188.	4.1	14
1784	Using Genetic Algorithms and Heuristics for Job Shop Scheduling with Sequence-Dependent Setup Times. Annals of Operations Research, 2001, 107, 65-81.	4.1	70
1785	Mission Planning for Regional Surveillance. Annals of Operations Research, 2001, 108, 157-173.	4.1	11
1786	Title is missing!. Wireless Personal Communications, 2001, 18, 289-317.	2.7	5
1787	A High-Performance, Pipelined, FPGA-Based Genetic Algorithm Machine. Genetic Programming and Evolvable Machines, 2001, 2, 33-60.	2.2	64
1788	Title is missing!. Mechanics of Composite Materials, 2001, 37, 217-222.	1.4	7

#	Article	IF	Citations
1789	Organizational Structure and the Behavior of Firms: Implications for Integrated Assessment. Climatic Change, 2001, 48, 487-514.	3.6	7
1790	Project Scheduling with Multiple Modes: A Genetic Algorithm. Annals of Operations Research, 2001, 102, 111-135.	4.1	206
1791	Title is missing!. Annals of Operations Research, 2001, 102, 237-261.	4.1	61
1792	A Robust Genetic Algorithm for Resource Allocation in Project Scheduling. Annals of Operations Research, 2001, 102, 83-109.	4.1	206
1793	The Effect of Evolution in Artificial Life Learning Behavior. Journal of Intelligent and Robotic Systems: Theory and Applications, 2001, 30, 399-414.	3.4	6
1794	Σynergos—"Synergetic Vision Research. Real-Time Systems, 2001, 21, 7-41.	1.3	3
1795	Evaluation of Neural and Genetic Algorithms for Synthesizing Parallel Storage Schemes. International Journal of Parallel Programming, 2001, 29, 365-399.	1.5	0
1796	A General Meta-Heuristic Based Solver for Combinatorial Optimisation Problems. Computational Optimization and Applications, 2001, 20, 185-210.	1.6	26
1797	Robust Evolution Strategies. Applied Intelligence, 2001, 15, 153-169.	5.3	29
1798	Scaling Up Inductive Logic Programming: An Evolutionary Wrapper Approach. Applied Intelligence, 2001, 15, 181-197.	5.3	4
1799	Title is missing!. Applied Intelligence, 2001, 15, 117-130.	5.3	23
1800	Title is missing!. Autonomous Robots, 2001, 10, 235-249.	4.8	19
1801	A Combined Topographical Search Strategy with Ellipsometric Application. Journal of Global Optimization, 2001, 19, 383-401.	1.8	6
1802	Guided Genetic Algorithm and its Application to Radio Link Frequency Assignment Problems. Constraints, 2001, 6, 373-398.	0.7	16
1803	Title is missing!. Aquatic Ecology, 2001, 35, 147-158.	1.5	22
1804	Genetic Threading. Constraints, 2001, 6, 271-292.	0.7	9
1805	Using an Individual Evolution Strategy for Stereovision. , 2001, 2, 101-109.		23
1806	Title is missing!. Genetic Programming and Evolvable Machines, 2001, 2, 123-163.	2.2	70

#	ARTICLE	IF	CITATIONS
1807	Title is missing!. Genetic Programming and Evolvable Machines, 2001, 2, 289-299.	2.2	4
1808	Automated Recurrent Neural Network Design of a Neural Controller in a Custom Power Device. Journal of Intelligent and Robotic Systems: Theory and Applications, 2001, 31, 229-251.	3.4	6
1809	A Discrete Method for Time-Optimal Motion Planning of a Class of Mobile Robots. Journal of Intelligent and Robotic Systems: Theory and Applications, 2001, 32, 75-92.	3.4	6
1810	A Theoretical Approach of an Intelligent Robot Gripper to Grasp Polygon Shaped Objects. Journal of Intelligent and Robotic Systems: Theory and Applications, 2001, 31, 397-422.	3.4	10
1811	An Algebraic Model for Generating and Adapting Neural Networks by Means of Optimization Methods. Annals of Mathematics and Artificial Intelligence, 2001, 33, 93-111.	1.3	1
1812	Heuristics in Programming of Nondeterministic Games. Programming and Computer Software, 2001, 27, 277-288.	0.9	6
1813	Computational Intelligence Techniques for Short-Term Electric Load Forecasting. Journal of Intelligent and Robotic Systems: Theory and Applications, 2001, 31, 7-68.	3.4	104
1814	Genetic Search-Based Control. Automation and Remote Control, 2001, 62, 1698-1710.	0.8	8
1815	Genetic Algorithms for Project Management. Annals of Software Engineering, 2001, 11, 107-139.	0.5	85
1816	A Two-Layer Robot Controller Design Using Evolutionary Algorithms. Journal of Intelligent and Robotic Systems: Theory and Applications, 2001, 30, 73-94.	3.4	10
1817	A Genetic Algorithm Approach to the Scheduling of FMSs with Multiple Routes. Flexible Services and Manufacturing Journal, 2001, 13, 71-88.	0.4	30
1818	A fuzzy reasoning based diagnosis system for X control charts. Journal of Intelligent Manufacturing, 2001, 12, 57-64.	7.3	18
1819	A multi-agent approach to fixture design. Journal of Intelligent Manufacturing, 2001, 12, 31-42.	7.3	23
1820	On the Convergence of Tabu Search. Journal of Heuristics, 2001, 7, 47-58.	1.4	40
1821	Application of a genetic algorithm to the optimal structural design of a ship's engine room taking dynamic constraints into consideration. Journal of Marine Science and Technology, 2001, 5, 131-146.	2.9	12
1822	Comparison of an adaptive stabilizer and a fuzzy logic stabilizer for superconducting generator governor control. Electric Power Systems Research, 2001, 57, 65-71.	3.6	9
1823	A multi-objective fuzzy optimization for optimum dimensions design of a convective spine. International Communications in Heat and Mass Transfer, 2001, 28, 67-76.	5.6	6
1824	Verifying contact hypotheses of planar, polyhedral objects using penetration growth distance. Robotics and Computer-Integrated Manufacturing, 2001, 17, 233-246.	9.9	4

#	ARTICLE	IF	CITATIONS
1825	A Hybrid AL–Based System for Site Layout Planning in Construction. Computer-Aided Civil and Infrastructure Engineering, 2001, 16, 79-93.	9.8	62
1826	Long-Term Ground Leases, the Redevelopment Option and Contract Incentives. Real Estate Economics, 2001, 29, 451-484.	1.7	21
1827	Parameter optimization of multimachine power system stabilizers using genetic local search. International Journal of Electrical Power and Energy Systems, 2001, 23, 785-794.	5.5	50
1828	Computer aided synthesis of RTD models to simulate the air flow distribution in ventilated rooms. Chemical Engineering Science, 2001, 56, 5727-5738.	3.8	6
1829	Autoreplicators and hypercycles in typogenetics. Computational and Theoretical Chemistry, 2001, 547, 119-138.	1.5	3
1830	The Iterated Prisoner's Dilemma: early experiences with Learning Classifier System-based simple agents. Decision Support Systems, 2001, 31, 379-403.	5.9	7
1831	Emergent (info)institutions. Cognitive Systems Research, 2001, 2, 97-110.	2.7	15
1832	Spectral estimation under nature missing data. , 0, , .		1
1833	A new multiobjective evolutionary algorithm for environmental/economic power dispatch. , 2001, , .		33
1834	Fuzzy modeling of traffic noise annoyance. , 0, , .		3
1835	Modified Mendel operation for multimodal function optimization. , 0, , .		4
1836	Optimization on unbounded solution space using dynamic genetic algorithms. , 0, , .		2
1837	New approach to adaptive control architecture based on fuzzy neural network and genetic algorithm. , 0, , .		5
1838	Design of a fuzzy controller using genetic algorithms employing random signal-based learning and simulated annealing. , 0, , .		5
1839	Automatic face and facial features detection. , 0, , .		4
1840	Development of a fault locating system using object-oriented programming. , 0, , .		3
1841	Genetic algorithms with entropy-Boltzmann samplings. , 2001, , .		0
1842	Machine design support system using interactive evolutionary techniques. , 0, , .		2

#	ARTICLE	IF	CITATIONS
1843	Work dispatch and path planning of automobile crane by cure-type GA. , 0, , .		0
1844	Larval vertical-migration strategy of Japanese eel. , 0, , .		2
1845	A heuristic genetic algorithm for grouping manufacturing cells. , 0, , .		3
1846	An evolutionary active-vision system. , 0, , .		10
1847	Evolutionary discriminant functions using genetic algorithms with variable-length chromosome. , 0, , .		4
1848	Optimal design of flat structures for vibration suppression. , 0, , .		5
1849	Optimizing simulated manufacturing systems using machine learning coupled to evolutionary algorithms. , 0, , .		1
1850	Autonomous motion controller design using genetic algorithms. , 0, , .		3
1851	Fuzzy-reasoning-based diagnosis scheme for automated classification of heart disease from ultrasonic images. , 0, , .		0
1852	An interactive fuzzy satisficing approach using genetic algorithm for multi-objective problems. , 0, , .		4
1853	Effect of localized selection on the evolution of unplanned coordination in a market selection game. , 0, , .		0
1854	Evolutionary arbitrage for FTSE-100 index options and futures. , 0, , .		1
1855	Fuzzy rules extraction by a hybrid method for pattern classification. , 0, , .		0
1856	The design of an evolvable coprocessor environment. , 0, , .		0
1857	Document filtering boosted by unlabeled data. , 0, , .		0
1858	Speciated neural networks evolved with fitness sharing technique. , 0, , .		4
1859	Rival evolution algorithm based on natural ecological community. , 0, , .		0
1860	An evolutionary hybrid scheduler based in Petri net structures for FMS scheduling. , 0, , .		7

#	ARTICLE	IF	CITATIONS
1861	A designing method for type-2 fuzzy logic systems using genetic algorithms. , 0, , .		9
1862	A hybrid genetic algorithm for generating optimal synthetic aperture radar target servicing strategies. , 0, , .		3
1863	Evolutionary robotics for quasi-ecosystem. , 2001, , .		4
1864	Constraint agents can negotiate. , 0, , .		4
1865	Variable wager HI-LO: a stochastic dynamic programming analysis. Journal of the Operational Research Society, 2001, 52, 352-357.	3.4	2
1866	An adaptive genetic assembly-sequence planner. International Journal of Computer Integrated Manufacturing, 2001, 14, 489-500.	4.6	74
1867	Evolutionary path planning for autonomous air vehicles using multi-resolution path representation. , 0, , .		8
1868	A GA-based fuzzy traffic simulation for crossroad management. , 0, , .		3
1869	Evolutionary optimization of information granules. , 0, , .		1
1870	Supply management with concave cost. , 0, , .		0
1871	Ten years of genetic fuzzy systems: current framework and new trends. , 0, , .		61
1872	Evolution of Fisher's discriminants. , 0, , .		0
1873	A distributed nearest neighbor heuristic with upper bound under the PVM. , 0, , .		0
1874	Construction of dynamic fuzzy if-then rules through genetic reinforcement learning for temporal problems solving. , 0, , .		2
1875	NSGA-based multiobjective optimisation for modular strategical planning of electric distribution systems. , 0, , .		7
1876	Classical sorting embedded in genetic algorithms for improved permutation search. , 0, , .		1
1877	Development of real-time-service restoration system for distribution automation system. , 0, , .		7
1878	GENETIC ALGORITHMS FOR PARTITIONING SETS. International Journal on Artificial Intelligence Tools, 2001, 10, 225-241.	1.0	8

#	ARTICLE	IF	CITATIONS
1879	Fuzzy filters design on image processing by genetic algorithm approach. , 0, , .		1
1880	A simulation environment for construction site planning. , 0, , .		18
1881	Eye feature extraction for fetal alcohol syndrome screening. , 0, , .		0
1882	Soft computing based networking technique and its application to control system design and identification. , 0, , .		0
1883	Dynamic load-balancing via a genetic algorithm. , 0, , .		12
1884	Improving power system stability and economy by coordination of controller settings and power constraints. , 0, , .		0
1885	Identification of motion control system using genetic algorithms. , 0, , .		2
1886	Data filtering for automatic classification of rocks from reflectance spectra. , 2001, , .		4
1887	An embedded programmable core for the implementation of high performance digital filters. , 0, , .		3
1888	Low hardware overhead scan based 3-weight weighted random BIST. , 0, , .		50
1889	Optimal mapping from chromosome space to feature space for solving sequential pattern recognition problems. , 0, , .		2
1890	Genetic programming in FPGA implementation of addition as a part of the convolution. , 0, , .		7
1891	New hybrid genetic algorithms for the frequency assignment problem. , 0, , .		4
1892	Evolutionary learning of Web-document structure for information retrieval. , 0, , .		9
1893	Analysis of implicit parallelism in evolutionary algorithms: a stochastic version. , 0, , .		1
1894	A robust hybrid evolutionary method for ARMA model identification. , 0, , .		1
1895	Applications of genetic algorithms, geostatistics, and fuzzy c-means clustering to image segmentation. , 0, , .		3
1896	Genetic programming for life-time learning of a mobile robot. , 0, , .		2

#	ARTICLE	IF	CITATIONS
1897	Heuristic operators, redundant mapping and other issues in genetic algorithms. , 0, , .		6
1898	Observational emergence of a fuzzy controller evolved by genetic algorithm. , 0, , .		4
1900	Practical use of sequential ATPG for model checking: going the extra mile does pay off. , 0, , .		10
1901	Parallel and distributed computing with coevolutionary algorithms. , 2002, , .		2
1902	Intelligent self-learning characters for computer games. , 0, , .		2
1903	Computational issues in the planning and kinematics of binary robots. , 0, , .		30
1904	Cluster identification using a Parallel Co-ordinate System for knowledge discovery and nonlinear optimization. Computer Aided Chemical Engineering, 2002, 10, 1003-1008.	0.5	4
1905	Autonomous robot navigation via intrinsic evolution. , 0, , .		6
1906	Solving traveling salesman problems by combining global and local search mechanisms. , 0, , .		19
1907	The effects of varying population density in a fine-grained parallel genetic algorithm. , 0, , .		7
1908	Optimization of GoS of cellular network. , 0, , .		3
1909	Design of optimal fuzzy logic controller with genetic algorithms. , 0, , .		3
1910	A New Efficient and General Design Method of Oscillators Based on Genetic Algorithm and on the Device-Line Measurement Technique. , 2002, , .		2
1911	A genetic algorithm for integrated cell formation and layout decisions. , 0, , .		2
1912	Determination of InP surface state density distribution from excitation-power-dependent photoluminescence spectra using genetic algorithm-based fitting procedure. Surface Science, 2002, 507-510, 240-244.	1.9	4
1913	And the winner is...Not the fittest [coevolution]. , 0, , .		0
1914	Power system load frequency control with fuzzy gain scheduling designed by new genetic algorithms. , 0, , .		3
1915	A hierarchical genetic algorithm for path planning in a static environment with obstacles. , 0, , .		15

#	ARTICLE	IF	CITATIONS
1916	A genetic optimization technique for intrinsic material properties extraction. , 0, , .		5
1917	Parallel kinematic machine design with kinetostatic model. Robotica, 2002, 20, 429-438.	1.9	21
1918	Teachers' evaluation using genetic algorithms with 'transformation'. , 0, , .		0
1919	Sensor selected fusion with sensor selection based gating neural network. , 0, , .		2
1920	Two-way mutation evolution strategies. , 0, , .		0
1921	Genetic algorithms for the bus driver scheduling problem: a case study. Journal of the Operational Research Society, 2002, 53, 324-335.	3.4	23
1922	The fast neural network solution for problems based on slow genetic algorithm solutions. , 0, , .		0
1923	Hopfield-genetic approach for solving the routing problem in computer networks. , 0, , .		10
1924	Evolving diverse hardwares using speciated genetic algorithm. , 0, , .		6
1925	Structural optimization by real-coded probabilistic model-building GA. , 0, , .		1
1926	Hybrid genetic packet scheduling and radio resource management for high speed downlink packet access. , 0, , .		8
1927	GA with orthogonal transformation for RBFN configuration. , 0, , .		1
1928	Real-time corridor recognition adaptable for shadow and illuminance variation. , 0, , .		1
1929	Design centering of analog circuits using GA and the regionalization method. , 0, , .		0
1930	The implementation of GA processor with multiple operators, based on subpopulation architecture. , 0, , .		1
1931	Knowledge modelling and multi-agent simulation: application to flood risks. , 0, , .		3
1932	Evolving speciated checkers players with crowding algorithm. , 0, , .		4
1933	Theoretical study on diversity of population in parallel genetic algorithms. , 0, , .		0

#	Article	IF	Citations
1934	Locomotion and navigation of a Planar Walker based on binary actuation. , 0, , .		1
1935	Evolutionary optimisation of MLP for modelling protein synthesis termination signal efficiency. , 0, , .		1
1936	On-line genetic optimization of unstructured controllers for electric drives. , 2002, , .		2
1937	Generation mix planning using genetic algorithm. , 0, , .		0
1938	A simulator using classifier systems with neural networks for autonomous robot navigation. , 0, , .		1
1939	An evolutionary algorithm for the multi-objective optimisation of VLSI primitive operator filters. , 0, , .		6
1940	Scalable GA processor architecture and its implementation of processor-element. , 2002, , .		3
1941	Genetic translator: how to apply query learning to practical OCR. , 0, , .		2
1942	Analysis of optimal trajectory on evolutionary algorithm and some control strategies. , 0, , .		0
1943	Determining the network parameters of the amphibian vision system. , 0, , .		0
1944	Evaluating strategies for foreign exchange risk reduction. , 0, , .		1
1945	Nontraditional student expectations and progression: a game theory approach. , 0, , .		0
1946	Optimal design for power system dynamic stabilizer by grey prediction PID control. , 0, , .		4
1947	An improved evolutionary programming for optimization. , 0, , .		8
1948	Design of optimal PID controllers using memetic algorithm. , 2002, , .		0
1949	Evolutionary optimisation of evolving connectionist systems. , 0, , .		6
1950	Mutation strategy improves GAs performance on epistatic problems. , 0, , .		5
1951	Nonstationary optimal positioning controller design using GA meta-optimization. , 2002, , .		7

#	ARTICLE	IF	CITATIONS
1952	Evolutionary analog circuit design on a programmable analog multiplexer array. , 0, , .		3
1953	Automated Design Synthesis for Micro-Electro-Mechanical Systems (MEMS). , 2002, , 267.		39
1954	Dynamic reconfiguration based on balanced alternate routing algorithm (BARA) for all-optical wavelength-routed WDM networks. , 0, , .		2
1955	Efficient use of computational resources in genetic programming: controlling the bloat phenomenon by means of the island model. , 0, , .		3
1956	An improved genetic algorithm based on eugenic population for multiuser detection in DS-CDMA systems. , 0, , .		1
1957	Optimization of Processing Conditions for Polymer Twin-Screw Extrusion. International Polymer Processing, 2002, 17, 201-213.	0.5	36
1958	Computational models of creative designing based on situated cognition. , 2002, , .		28
1959	Applications of meta-heuristics to power systems in Japan. , 0, , .		1
1960	Evolving the mapping between input neurons and multi-source imagery. , 0, , .		1
1961	A Global Optimization Technique for Solid-Liquid Equilibrium Calculations: Application to Calcium Phosphate Precipitation. Computer Aided Chemical Engineering, 2002, 10, 127-132.	0.5	0
1962	Point-to-Point trajectory planning of flexible redundant robot manipulators using genetic algorithms. Robotica, 2002, 20, 269-280.	1.9	47
1963	A Genetic-Designed Beta Basis Function Neural Network for Multi-Variable Functions Approximation. Systems Analysis Modelling Simulation, 2002, 42, 975-1009.	0.1	17
1964	Solving the 0/1 knapsack problem using an adaptive genetic algorithm. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2002, 16, 23-30.	1.1	18
1965	Optimization of Ultrafast Optical Transitions Using Genetic Algorithm. Materials Science Forum, 2002, 384-385, 259-264.	0.3	1
1966	Design of combinational logic circuits through an evolutionary multiobjective optimization approach. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2002, 16, 39-53.	1.1	64
1967	OaSys: FTR&D UMTS automatic cell planning tool. , 0, , .		1
1968	Optimization of Cathodic Protection Systems Using Boundary Elements and Genetic Algorithms. Corrosion, 2002, 58, 912-921.	1.1	14
1969	Optimal location of a robot path when considering velocity performance. Robotica, 2002, 20, 139-147.	1.9	26

#	Article	IF	Citations
1970	Multi-period predictive production scheduling with uncertain demands. , 0, , .		2
1971	Development of a Power-Assist Lifting Device Using a Multi-DOF Suspension Mechanism. 1st Report. Study of a Power Assist Lifting Device and its Control Technique.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2002, 68, 2009-2015.	0.2	4
1972	Remarks on Emotional Speech Recognition using Neural Networks.. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2002, 68, 2339-2345.	0.2	0
1973	Genetic algorithm application to vibration control of tall flexible structures. , 0, , .		5
1974	Optimizing the Distribution of Shopping Center with Genetic Algorithm. , 2002, , 702.		1
1975	Optimal design GA-based fuzzy PID controllers. , 0, , .		1
1976	Design and experimental evaluation of an evolutionary neural-net based PID controller. , 0, , .		0
1977	Optimal radioport placement in cellular networks. , 0, , .		0
1978	"Marigolds:" an evolutionary algorithm simulation. , 0, , .		0
1979	A new distributed evolutionary algorithm for optimization in nonstationary environments. , 0, , .		1
1980	Improving genetic algorithms: an approach based on multi-elitism and Lamarckian mutation. , 0, , .		0
1981	Fish catching using gazing-GA visual servoing - verification of robustness for lighting condition varieties. , 0, , .		2
1982	Comparing the template method and strategy design patterns in a genetic algorithm application. SIGCSE Bulletin, 2002, 34, 76-80.	0.1	8
1983	A Study for Efficient Management of an Electric-Vehicle Sharing System without Vehicle Dispatching. Infrastructure Planning Review, 2002, 19, 481-487.	0.1	3
1984	Modelling niches of arbitrary shape in genetic algorithms using Niche Linkage in the Dynamic Niche Clustering framework. , 0, , .		1
1985	Improvement in EIT image reconstruction using genetic algorithm. , 2002, , .		2
1986	Comparison of three scheduling methods for a batch process with a recycle. Computer Aided Chemical Engineering, 2002, 10, 679-684.	0.5	0
1987	Optimization of nanocomposite integral capacitor fabrication using neural networks and genetic algorithms. , 0, , .		3

#	ARTICLE	IF	CITATIONS
1988	Optimization of Focused Chemical Libraries Using Recursive Partitioning. Combinatorial Chemistry and High Throughput Screening, 2002, 5, 125-33.	1.1	22
1989	<title>Horizon correlation across faults guided by geological constraints</title>. , 2002, 4667, 312.		4
1990	MULTIOBJECTIVE OPTIMIZATION OF DYNAMIC PROCESSES BY EVOLUTIONARY METHODS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 431-436.	0.4	1
1991	Optimal multidimensional quantization for pattern recognition. , 2002, 4875, 15.		2
1992	Design of spherical parallel mechanisms for application to laparoscopic surgery. Robotica, 2002, 20, 133-138.	1.9	93
1993	Intelligent management and control of fuel gas network. , 0, , .		1
1994	A novel learning model for intelligent agents. , 0, , .		0
1995	Knowledge spillovers, transboundary pollution, and growth. Oxford Economic Papers, 2002, 54, 597-616.	1.2	5
1996	Accurate identification of parameters, in winding function model of induction motor, using genetic algorithm. , 0, , .		5
1997	A SOFT-backpropagation algorithm for training neural networks. , 0, , .		4
1998	Application of evolutionary computation in power electronics. , 0, , .		0
1999	A new QoS routing approach for multimedia applications based on genetic algorithms. , 0, , .		13
2000	An improved genetic algorithm for distribution system reconfiguration. , 0, , .		6
2001	Facial feature extraction using genetic algorithm. , 0, , .		24
2002	Maintenance scheduling of oil storage tanks using tabu-based genetic algorithm. , 0, , .		1
2003	Recent development and application of evolutionary optimisation techniques in power systems. , 0, , .		9
2004	Application of probabilistic (N-1) security assessment technique to distribution systems with distributed generation. , 0, , .		6
2005	An artificial neural network for online tuning of genetic algorithm based PI controller for interior permanent magnet synchronous motor drive. , 0, , .		8

#	ARTICLE	IF	CITATIONS
2006	A genetic algorithm based routing method using two QoS parameters. , 0, , .		12
2007	Efficient hybrid optimization of fixed-point cascaded IIR filter coefficients. , 0, , .		14
2008	Signal-adapted wavelets for Doppler radar system. , 0, , .		2
2009	Genetic algorithm to select features for fuzzy ARTMAP classification of evoked EEG. , 0, , .		4
2010	The synthesis of offset dual reflector antennas by genetic algorithms. , 0, , .		0
2011	Evolutionary approach for line current harmonic reduction in AC/DC converters. IEEE Transactions on Industrial Electronics, 2002, 49, 716-719.	7.9	27
2012	Genetic construction of wavelet filter banks for optimal denoising of ultrasonic signals. , 0, , .		1
2013	New challenges in automatic cell planning of UMTS networks. , 0, , .		8
2014	The Analysis of Evolutionary Algorithms—A Proof That Crossover Really Can Help. Algorithmica, 2002, 34, 47-66.	1.3	174
2015	Crack defect detection and localization using genetic-based inverse voting Hough transform. , 0, , .		2
2016	Robust pole placement using genetic algorithms. , 0, , .		3
2017	A new profit-based unit commitment considering power and reserve generating. , 0, , .		19
2018	Distributed power control using the simultaneous mutation of genetic algorithms in cellular radio systems. , 0, , .		0
2019	Multiobjective Optimization of a Multi-Stage Compressor Using Evolutionary Algorithm. , 2002, , .		14
2020	A scheduling algorithm for flexible flow shop problem. , 0, , .		6
2021	Parallel implementation of niched Pareto genetic algorithm code for X-ray plasma spectroscopy. , 0, , .		2
2022	Genetic algorithms applications in electrical distribution systems. , 0, , .		4
2023	Self validating control algorithm for plants with primary sensor failure using multiple estimators. , 0, , .		4

#	ARTICLE	IF	CITATIONS
2024	Thai OCR error correction using genetic algorithm. , 0, , .		1
2025	Software quality analysis with the use of computational intelligence. , 0, , .		11
2026	GA-based learning of BMF fuzzy-neural network. , 0, , .		2
2027	Partitioning the variables for alternating optimization of real-valued scalar fields. , 0, , .		1
2028	Smarter software engineering: practical data mining approaches. , 0, , .		1
2029	A new approach to the design of low power direct digital frequency synthesizers. , 0, , .		9
2030	Optimal feed-forward neural networks based on the combination of constructing and pruning by genetic algorithms. , 0, , .		5
2031	Datapath layout optimization using OpenTS [SoC]. , 0, , .		0
2032	An efficient approach for face detection based on genetic algorithms. , 0, , .		1
2033	Architecture of an agent-based negotiation mechanism. , 0, , .		8
2034	A genetic algorithm approach for optimal distribution feeder restoration during cold load pickup. , 0, , .		9
2035	Integration of dependability in a task allocation problem. , 0, , .		0
2036	Distribution network optimal operation for loss reduction and harmonic mitigation. , 0, , .		2
2037	Designing reduced-order H-infinity controller via genetic algorithm. , 0, , .		1
2038	Configurable variable length code with genetic algorithms. , 0, , .		1
2039	Testing reliability of medical software. , 0, , .		1
2040	Locus factor & coding scheme. , 0, , .		0
2041	An evolutionary algorithm of contracting search space based on partial ordering relation for constrained optimization problems. , 0, , .		3

#	Article	IF	Citations
2042	Evolutionary computation and genetic algorithms for energy management and conservation. , 0, , .		1
2043	Real time interactive visualization system for flexible molecular docking. , 2002, , .		0
2044	Deterministic crowding, recombination and self-similarity. , 0, , .		2
2045	An evolutionary method for the design of generic neural networks. , 0, , .		1
2046	System approximation via GA-based fuzzy model. , 0, , .		0
2047	A genetic testing framework for digital integrated circuits. , 0, , .		4
2048	Efficient sequential test generation based on logic simulation. IEEE Design and Test of Computers, 2002, 19, 56-64.	1.0	23
2049	Optimization of fuzzy-neural structure through genetic algorithms and its application in artificial odor recognition-system. , 0, , .		8
2050	Recurrent fuzzy controller design by two-stage genetic algorithm with local and global mapping searches. , 0, , .		0
2051	Genetic algorithm simulation for deposited structure of atoms. Surface Science, 2002, 501, 93-101.	1.9	8
2052	Hardware optimized direct digital frequency synthesizer architecture with 60 dBc spectral purity. , 0, , .		19
2053	A genetic based algorithm for voltage flicker measurement. , 0, , .		6
2054	Intelligent Tools and Their Applications in Geographic Information Systems. , 2002, , 489-551.		0
2055	Development of FPGA based adaptive image enhancement filter system using genetic algorithms. , 0, , .		1
2056	Gravity inversion using a binary formulation. , 2002, , .		6
2057	Application of genetic algorithms - Determination of the optimal pipe diameters. Water S A, 2002, 28, 217.	0.4	11
2058	Application of genetic algorithms for optimal seasonal furrow irrigation. Journal of Hydroinformatics, 2002, 4, 145-156.	2.4	5
2059	Inverse modelling in estimating soil hydraulic functions: a Genetic Algorithm approach. Hydrology and Earth System Sciences, 2002, 6, 49-66.	4.9	76

#	Article	IF	Citations
2060	Benchmarking Data Mining Algorithms. Journal of Database Management, 2002, 13, 25-35.	1.5	10
2062	The Mechanisms of Strong-Field Control of Chemical Reactivity Using Tailored Laser Pulses. ACS Symposium Series, 2002, , 207-220.	0.5	8
2063	ANNOYANCE PREDICTION WITH FUZZY RULE BASES. , 2002, , .		1
2064	PREDICTION OF CHAOTIC TIME-SERIES BY USING THE MULTI-STAGE FUZZY INFERENCE SYSTEMS AND ITS APPLICATIONS TO THE ANALYSIS OF OPERATIONAL FLEXIBILITY. Journal of the Operations Research Society of Japan, 2002, 45, 243-259.	0.2	2
2065	Genetic algorithms in agent-based manufacturing scheduling systems. Integrated Computer-Aided Engineering, 2002, 9, 207-217.	4.6	19
2066	A Hybrid EP and SQP for Dynamic Economic Dispatch with Nonsmooth Fuel Cost Function. IEEE Power Engineering Review, 2002, 22, 77-77.	0.1	284
2067	The eruptive activity of Vesuvius and its neural architecture. Journal of Volcanology and Geothermal Research, 2002, 113, 111-118.	2.1	4
2068	Optimisation modelling of sustainable forest management at the regional level: an Australian example. Ecological Modelling, 2002, 153, 157-179.	2.5	22
2069	Homogeneous and Heterogeneous Micropore Structures in Carbonaceous Adsorbentsâ€"Twenty Years Later. Journal of Colloid and Interface Science, 2002, 254, 242-249.	9.4	4
2070	A framework for defining and learning fuzzy behaviors for autonomous mobile robots. International Journal of Intelligent Systems, 2002, 17, 1.	5.7	23
2071	Energy-optimal gait analysis of quadruped robots. Artificial Life and Robotics, 2002, 6, 120-125.	1.2	19
2072	Truss topology optimization by a modified genetic algorithm. Structural and Multidisciplinary Optimization, 2002, 23, 467-473.	3.5	80
2073	Genetic algorithm optimization of the effective Young moduli in a perforated plate. Structural and Multidisciplinary Optimization, 2002, 24, 106-117.	3.5	11
2074	Optimal Shape Design of an Extrusionâ€"Forging Die Using a Polynomial Network and a Genetic Algorithm. International Journal of Advanced Manufacturing Technology, 2002, 20, 128-137.	3.0	17
2075	Optimisation of Multiple Tool CNC Rough Machining of a Hemisphere as a Genetic Algorithm Paradigm Application. International Journal of Advanced Manufacturing Technology, 2002, 20, 727-734.	3.0	15
2076	Optimization of convective fin systems: a holistic approach. Heat and Mass Transfer, 2002, 39, 57-68.	2.1	27
2077	An improved Peronnet-Thibault mathematical model of human running performance. European Journal of Applied Physiology, 2002, 86, 517-525.	2.5	14
2078	Integration of large-deviation kernels and applications to large deviations for evolutionary games. Probability Theory and Related Fields, 2002, 122, 141-162.	1.8	1

#	ARTICLE	IF	CITATIONS
2079	Agents in E-Commerce: State of the Art. Knowledge and Information Systems, 2002, 4, 257-282.	3.2	34
2080	Effect of experimental error on the efficiency of different optimization methods for bioprocess media optimization. Bioprocess and Biosystems Engineering, 2002, 25, 69-78.	3.4	8
2081	Evolutionary optimization in thermoelastic problems using the boundary element method. Computational Mechanics, 2002, 28, 317-324.	4.0	14
2082	Learning classifier systems from a reinforcement learning perspective. Soft Computing, 2002, 6, 162-170.	3.6	57
2083	Artificial Neural Networks Manipulation Server: Research on the Integration of Databases and Artificial Neural Networks. Neural Computing and Applications, 2002, 11, 3-16.	5.6	3
2084	Genetic Algorithm Training of Elman Neural Network in Motor Fault Detection. Neural Computing and Applications, 2002, 11, 37-44.	5.6	32
2085	A study of the electrical discharge machining of semi-conductor BaTiO3. Journal of Materials Processing Technology, 2002, 122, 1-5.	6.3	12
2086	Machining error compensation of extern cylindrical grinding using a thermally actuated rest. Journal of Materials Processing Technology, 2002, 127, 280-285.	6.3	8
2087	A parallel search genetic algorithm based on multiple peak values and multiple rules. Journal of Materials Processing Technology, 2002, 129, 539-544.	6.3	9
2088	An application of genetic algorithm methods for teacher assignment problems. Expert Systems With Applications, 2002, 22, 295-302.	7.6	37
2089	Optimization of the enzymatic synthesis of O -glycan core 2 structure by use of a genetic algorithm. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1031-1034.	2.2	7
2090	A new approach to global optimization using a closed loop control system with fuzzy logic controller. Advances in Engineering Software, 2002, 33, 309-318.	3.8	3
2091	Optimal reliability enhancement for multi-state transmission networks with fixed transmission times. Reliability Engineering and System Safety, 2002, 76, 287-299.	8.9	5
2092	Genetic engineering versus natural evolution. Journal of Systems Architecture, 2002, 48, 99-112.	4.3	16
2093	Video sequence segmentation using genetic algorithms. Pattern Recognition Letters, 2002, 23, 843-863.	4.2	13
2094	A genetic approach to limited data tomographic reconstruction of time-resolved energy spectrum of short-pulsed neutron sources. Pattern Recognition Letters, 2002, 23, 967-976.	4.2	5
2095	Design and real-time implementation of a multivariable gyro-mirror line-of-sight stabilization platform. Fuzzy Sets and Systems, 2002, 128, 81-93.	2.7	27
2096	A linguistic decision model for promotion mix management solved with genetic algorithms. Fuzzy Sets and Systems, 2002, 131, 47-61.	2.7	39

#	ARTICLE	IF	CITATIONS
2097	On-line fuzzy identification using genetic algorithms. Fuzzy Sets and Systems, 2002, 132, 147-171.	2.7	15
2098	Reduction of fuzzy control rules by means of premise learning – method and case study. Fuzzy Sets and Systems, 2002, 132, 217-231.	2.7	56
2099	A genetic classification error method for speech recognition. Signal Processing, 2002, 82, 737-748.	3.7	11
2100	Hard handoff minimization using genetic algorithms. Signal Processing, 2002, 82, 1047-1058.	3.7	12
2101	Specification search in nonlinear time-series models using the genetic algorithm. Journal of Economic Dynamics and Control, 2002, 26, 811-835.	1.6	21
2102	Evolutionary algorithms for multi-objective energetic and economic optimization in thermal system design. Energy, 2002, 27, 549-567.	8.8	203
2103	The new efficient hierarchy combination encoding method of evolution strategies for production allocation problems. Computers and Industrial Engineering, 2002, 43, 577-589.	6.3	7
2104	Parallel evolutionary algorithms for optimization problems in aerospace engineering. Journal of Computational and Applied Mathematics, 2002, 149, 155-169.	2.0	38
2105	Policies for data archival in hierarchical storage management. European Journal of Operational Research, 2002, 138, 413-435.	5.7	4
2106	GA performance distributions and randomly generated binary constraint satisfaction problems. Theoretical Computer Science, 2002, 287, 167-185.	0.9	1
2107	Smoothness in frame reduction. Computers and Operations Research, 2002, 29, 1807-1818.	4.0	0
2108	Response level crossing rate of a linear system excited by a partially specified Gaussian load process. Probabilistic Engineering Mechanics, 2002, 17, 85-95.	2.7	4
2109	On a learning theory in which pattern structure is taken into account. Systems and Computers in Japan, 2002, 33, 103-110.	0.2	1
2110	Rigorous analysis of photoluminescence efficiency for characterisation of electronic properties of InP(100) surfaces. Vacuum, 2002, 67, 3-10.	3.5	5
2111	Identification of cohesive crack fracture parameters by evolutionary search. Computer Methods in Applied Mechanics and Engineering, 2002, 191, 5741-5760.	6.6	19
2112	Toward self-reliant control for adaptive structures. Acta Astronautica, 2002, 51, 89-99.	3.2	13
2113	Double side approach method to obtain solutions for transient nonlinear heat conduction using genetic algorithms. Applied Mathematics and Computation, 2002, 133, 431-444.	2.2	5
2114	Retailer selection in future open competitive communications environments. Computer Communications, 2002, 25, 662-675.	5.1	2

#	Article	IF	Citations
2115	Traffic grooming in unidirectional WDM ring networks using genetic algorithms. Computer Communications, 2002, 25, 1185-1194.	5.1	21
2116	An intelligent routing and CAC framework for large-scale networks based on cooperative agents. Computer Communications, 2002, 25, 1429-1442.	5.1	14
2117	Micro genetic algorithm based on migration and merit order loading solutions to the constrained economic dispatch problems. International Journal of Electrical Power and Energy Systems, 2002, 24, 223-231.	5.5	6
2118	The optimization design of bump interconnections in flip chip packages from the electrical standpoint. Microelectronics Reliability, 2002, 42, 1893-1901.	1.7	3
2119	Optimization of three gas compositions in a CO2 laser. Optics and Laser Technology, 2002, 34, 231-238.	4.6	11
2120	Optimized intervalence band transitions and population inversion patterns in k-space induced by femtosecond infrared pulses. Optics Communications, 2002, 206, 123-134.	2.1	4
2121	Optimal design of a multimode interference coupler using a genetic algorithm. Optics Communications, 2002, 209, 131-136.	2.1	16
2122	Learning handwriting by evolution: a conceptual framework for performance evaluation and tuning. Pattern Recognition, 2002, 35, 1025-1037.	8.1	2
2123	Problem-specific genetic algorithm for power transmission system planning. Electric Power Systems Research, 2002, 61, 41-50.	3.6	27
2124	A genetic algorithm for a university weekly courses timetabling problem. International Transactions in Operational Research, 2002, 9, 703-717.	2.7	43
2125	The automatic production of space. Transactions of the Institute of British Geographers, 2002, 27, 309-335.	2.9	346
2126	Cognitive capacity as competitive advantage: a simulation test. Simulation Modelling Practice and Theory, 2002, 10, 455-471.	3.8	2
2127	Neural network prediction of cetane number and density of diesel fuel from its chemical composition determined by LC and GC€"MS. Fuel, 2002, 81, 65-74.	6.4	86
2128	CESAR€"SIRE: advanced software for boiler efficiency and NOx optimisation. Fuel, 2002, 81, 619-626.	6.4	12
2129	Extracting compact fuzzy rules based on adaptive data approximation using B-splines. Information Sciences, 2002, 142, 227-248.	6.9	6
2130	Development and evaluation of an evolutionary tool for obtaining the crystallization rate constant of semicrystalline polymers (HDPE case) as a function of temperature. European Polymer Journal, 2002, 38, 1001-1012.	5.4	1
2131	Optimal Shape Design of an Extrusion Die Using Polynomial Networks and Genetic Algorithms. International Journal of Advanced Manufacturing Technology, 2002, 19, 79-87.	3.0	18
2132	Title is missing!. Applied Intelligence, 2002, 16, 19-42.	5.3	17

#	Article	IF	Citations
2133	Evolution of Appropriate Crossover and Mutation Operators in a Genetic Process. Applied Intelligence, 2002, 16, 7-17.	5.3	71
2134	Title is missing!. Applied Intelligence, 2002, 16, 43-58.	5.3	19
2135	Evolutionary Algorithms for Allocating Data in Distributed Database Systems. Distributed and Parallel Databases, 2002, 11, 5-32.	1.6	50
2136	A Simulated Annealing Approach to Communication Network Design. Journal of Combinatorial Optimization, 2002, 6, 55-65.	1.3	30
2137	Evolutionary Techniques for Web Caching. Distributed and Parallel Databases, 2002, 11, 93-116.	1.6	21
2138	A Survey of Optimization by Building and Using Probabilistic Models. Computational Optimization and Applications, 2002, 21, 5-20.	1.6	531
2139	Towards Creative Evolutionary Systems with Interactive Genetic Algorithm. Applied Intelligence, 2002, 16, 129-138.	5.3	82
2140	A modified genetic algorithm for the flow shop sequencing problem to minimize mean flow time. Journal of Intelligent Manufacturing, 2002, 13, 61-67.	7.3	24
2141	Genetic programming approach to determining of metal materials properties. Journal of Intelligent Manufacturing, 2002, 13, 5-17.	7.3	21
2142	Bayesian heuristic approach to global optimization and examples. Journal of Global Optimization, 2002, 22, 191-203.	1.8	13
2143	Title is missing!. Journal of Intelligent and Robotic Systems: Theory and Applications, 2002, 33, 139-166.	3.4	5
2144	Negotiation on Data Allocation in Multi-Agent Environments. Autonomous Agents and Multi-Agent Systems, 2002, 5, 123-172.	2.1	17
2145	A Genetic Algorithm for the Weight Setting Problem in OSPF Routing. Journal of Combinatorial Optimization, 2002, 6, 299-333.	1.3	239
2146	Evolution strategies â€" A comprehensive introduction. Natural Computing, 2002, 1, 3-52.	3.0	1,930
2147	Self-Tuning of the Fuzzy Inference Rule by Integrated Method. Journal of Intelligent and Robotic Systems: Theory and Applications, 2002, 33, 313-327.	3.4	1
2148	Îµ-Descending Support Vector Machines for Financial Time Series Forecasting. Neural Processing Letters, 2002, 15, 179-195.	3.2	32
2149	Some Mathematical and Algorithmic Challenges in the Control of Quantum Dynamics Phenomena. Journal of Mathematical Chemistry, 2002, 31, 17-63.	1.5	52
2150	Evolutionary Algorithms for Multi-Objective Optimization: Performance Assessments and Comparisons. Artificial Intelligence Review, 2002, 17, 251-290.	15.7	183

#	Article	IF	Citations
2151	The Proportional Genetic Algorithm: Gene Expression in a Genetic Algorithm. Genetic Programming and Evolvable Machines, 2002, 3, 157-192.	2.2	29
2152	A novel metaheuristics approach for continuous global optimization. Journal of Global Optimization, 2002, 23, 171-190.	1.8	27
2153	Evolution in Groups: A Genetic Algorithm Approach to Group Decision Support Systems. Information Technology and Management, 2002, 3, 213-227.	2.4	9
2154	On Appropriate Adaptation Levels for the Learning of Gene Linkage. Genetic Programming and Evolvable Machines, 2002, 3, 129-155.	2.2	11
2155	A Genetic Algorithm for Mobile Robot Localization Using Ultrasonic Sensors. Journal of Intelligent and Robotic Systems: Theory and Applications, 2002, 34, 135-154.	3.4	81
2156	Economic and Spatial Impacts of an Existing Reserve Network on Future Augmentation. Environmental Modeling and Assessment, 2002, 7, 99-105.	2.2	33
2157	Robot arc welding task sequencing using genetic algorithms. IIE Transactions, 2002, 34, 865-880.	2.1	9
2158	Evolving Receptive-Field Controllers for Mobile Robots. Applied Intelligence, 2002, 17, 89-100.	5.3	4
2159	An Evaluation of EvolutionaryGeneralisation in Genetic Programming. Artificial Intelligence Review, 2002, 18, 3-14.	15.7	26
2160	Synthesizing Energy-Efficient Embedded Systems with LOPOCOS. Design Automation for Embedded Systems, 2002, 6, 401-424.	1.0	10
2161	Title is missing!. Mathematical Modelling and Algorithms, 2002, 1, 89-104.	0.5	61
2162	Recent approaches to global optimization problems through Particle Swarm Optimization. Natural Computing, 2002, 1, 235-306.	3.0	1,131
2163	Behavioral Self-Organization in Lifelike Synthetic Agents. Autonomous Agents and Multi-Agent Systems, 2002, 5, 397-428.	2.1	2
2164	Title is missing!. Computational Optimization and Applications, 2002, 23, 65-76.	1.6	15
2165	Extensive Testing of a Hybrid Genetic Algorithm for Solving Quadratic Assignment Problems. Computational Optimization and Applications, 2002, 23, 47-64.	1.6	31
2166	A Scalable Approach to Evolvable Hardware. Genetic Programming and Evolvable Machines, 2002, 3, 259-282.	2.2	46
2167	A Hybrid Genetic Algorithm for Assembly Line Balancing. Journal of Heuristics, 2002, 8, 629-642.	1.4	152
2168	Structural Optimization with FEM-based Shakedown Analyses. Journal of Global Optimization, 2002, 24, 371-384.	1.8	1

#	Article	IF	Citations
2169	Bounding Envelopes in Multiphase Material Design. Journal of Elasticity, 2002, 66, 47-62.	1.9	7
2170	Using Genetic Algorithms for Solving Hard Problems in GIS. GeoInformatica, 2002, 6, 381-413.	2.7	28
2171	Title is missing!. Genetic Programming and Evolvable Machines, 2002, 3, 329-343.	2.2	141
2172	Heuristic Learning Based on Genetic Programming. Genetic Programming and Evolvable Machines, 2002, 3, 363-388.	2.2	10
2173	Title is missing!. Programming and Computer Software, 2002, 28, 324-332.	0.9	0
2174	Application of Evolutionary Strategies to Optimal Design of Multibody Systems. Multibody System Dynamics, 2002, 8, 393-408.	2.7	19
2175	Inverse Modeling to Quantify Irrigation System Characteristics and Operational Management. Irrigation and Drainage Systems, 2002, 16, 233-252.	0.5	12
2176	A Genetic Search for Exploiting a Fuzzy Preference Model of Portfolio Problems with Public Projects. Annals of Operations Research, 2002, 117, 191-213.	4.1	14
2177	Segmentation of MR and CT Images Using a Hybrid Neural Network Trained by Genetic Algorithms. Neural Processing Letters, 2002, 16, 211-225.	3.2	5
2178	Use of Genetic Algorithms for Solution of the Rectangle Packing Problem. Cybernetics and Systems Analysis, 2002, 38, 943-946.	0.7	7
2179	On the tailoring of microstructures for prescribed effective properties. International Journal of Fracture, 2002, 118, 89-94.	2.2	9
2180	Genetic Algorithms as a tool in the study of aperiodic order, with application to the case of X-Ray diffraction spectra of GaAs-AlAs multilayer heterostructures. European Physical Journal B, 2002, 29, 619-628.	1.5	3
2181	Control of the Coulomb explosion of I 2. European Physical Journal D, 2003, 26, 111-118.	1.3	1
2182	Structures, stabilities and ordering in Ni-Al nanoalloy clusters. European Physical Journal D, 2003, 25, 41-55.	1.3	61
2183	Application of a New Theory of Fuzzy Chaos for the Simulation and Control of NonLinear Dynamical Systems. Systems Analysis Modelling Simulation, 2003, 43, 847-865.	0.1	0
2184	Genetic Mining of HTML Structures for Effective Web-Document Retrieval. Applied Intelligence, 2003, 18, 243-256.	5.3	37
2185	Design and Analysis of an Efficient Evolutionary Image Segmentation Algorithm. Journal of Signal Processing Systems, 2003, 35, 29-42.	1.0	18
2186	A Simulated Annealing Genetic Algorithm for the Electrical Power Districting Problem. Annals of Operations Research, 2003, 121, 33-55.	4.1	72

#	Article	IF	Citations
2187	Class Dependent Traffic Allocation in a LEO Satellite Network. Telecommunication Systems, 2003, 22, 241-266.	2.5	3
2188	Control of Channel Bed Morphology in Large-Scale River Networks using a Genetic Algorithm. Water Resources Management, 2003, 17, 113-132.	3.9	13
2189	Towards a Software Change Classification System: A Rough Set Approach. Software Quality Journal, 2003, 11, 121-147.	2.2	13
2190	Tournament Competition and its Merits for Coevolutionary Algorithms. Journal of Heuristics, 2003, 9, 249-268.	1.4	2
2191	Minimum Effort Approximation of the Pareto Space of Convex Bi-Criteria Problems. Optimization and Engineering, 2003, 4, 231-261.	2.4	8
2192	Title is missing!. International Journal of Thermophysics, 2003, 24, 757-769.	2.1	29
2193	Survey of Intelligent Control Techniques for Humanoid Robots. Journal of Intelligent and Robotic Systems: Theory and Applications, 2003, 37, 117-141.	3.4	90
2194	Title is missing!. Journal of Intelligent Manufacturing, 2003, 14, 389-399.	7.3	46
2195	Modeling and analysis for multi-period, multi-product and multi-resource production scheduling. Journal of Intelligent Manufacturing, 2003, 14, 297-309.	7.3	19
2196	Finding multiple solutions in job shop scheduling by niching genetic algorithms. Journal of Intelligent Manufacturing, 2003, 14, 323-339.	7.3	35
2197	A modified genetic algorithm for distributed scheduling problems. Journal of Intelligent Manufacturing, 2003, 14, 351-362.	7.3	162
2198	An Adaptive Recommendation System without Explicit Acquisition of User Relevance Feedback. Distributed and Parallel Databases, 2003, 14, 173-192.	1.6	39
2199	Automated Discovery of Numerical Approximation Formulae via Genetic Programming. Genetic Programming and Evolvable Machines, 2003, 4, 255-286.	2.2	14
2200	Design of a Six-Sector Switched Parasitic Planar Array Using the Method of Genetic Algorithms. Wireless Personal Communications, 2003, 26, 77-88.	2.7	10
2201	Cost-Efficient Design of Future Broadband Fixed Wireless Access Systems. Wireless Personal Communications, 2003, 27, 57-87.	2.7	1
2202	Numerical Comparison of Some Penalty-Based Constraint Handling Techniques in Genetic Algorithms. Journal of Global Optimization, 2003, 27, 427-446.	1.8	94
2203	Cooperative Metaheuristics for Exploring Proteomic Data. Artificial Intelligence Review, 2003, 20, 95-120.	15.7	6
2204	QSAR Modeling of Genotoxicity on Non-congeneric Sets of Organic Compounds. Artificial Intelligence Review, 2003, 20, 13-38.	15.7	15

#	ARTICLE	IF	CITATIONS
2205	A Self-Tuning Evolutionary Algorithm Applied to an Inverse Partial Differential Equation. Applied Intelligence, 2003, 19, 147-155.	5.3	18
2206	Optimization of a fermentation medium using neural networks and genetic algorithms. Biotechnology Letters, 2003, 25, 1837-1842.	2.2	108
2207	A genetic algorithm-based solution methodology for modular design. Journal of Intelligent Manufacturing, 2003, 14, 599-616.	7.3	37
2208	Evolutionary Approach to Quantum and Reversible Circuits Synthesis. Artificial Intelligence Review, 2003, 20, 361-417.	15.7	60
2209	Interpretation by Implementation for Understanding a Multiagent Organization. Computational and Mathematical Organization Theory, 2003, 9, 19-35.	2.0	0
2210	Form invariance of schema and exact schema theorem. Science in China Series F: Information Sciences, 2003, 46, 475.	1.1	1
2211	Visualization and Genetic Algorithms in Minimax Theory for Nonlinear Functionals. Journal of Scientific Computing, 2003, 18, 49-68.	2.3	3
2212	Incorporating Ancestors' Influence in Genetic Algorithms. Applied Intelligence, 2003, 18, 7-25.	5.3	5
2213	A New ($\mathcal{N}\mathcal{P}$)-Complete Problem and Public-Key Identification. Designs, Codes, and Cryptography, 2003, 28, 5-31.	1.6	10
2214	Crossover in Grammatical Evolution. Genetic Programming and Evolvable Machines, 2003, 4, 67-93.	2.2	80
2215	On Using Tabu Search for Design Automation of VLSI Systems. Journal of Heuristics, 2003, 9, 75-90.	1.4	6
2216	Embedding Branch and Bound within Evolutionary Algorithms. Applied Intelligence, 2003, 18, 137-153.	5.3	42
2217	Fuzzy Control of HVAC Systems Optimized by Genetic Algorithms. Applied Intelligence, 2003, 18, 155-177.	5.3	97
2218	Weighted Constraint Aggregation in Fuzzy Optimization. Constraints, 2003, 8, 61-78.	0.7	39
2219	A Tabu-enhanced genetic algorithm approach for assembly process planning. Journal of Intelligent Manufacturing, 2003, 14, 197-208.	7.3	35
2220	Interactive evolutionary solution synthesis in fuzzy set-based preliminary engineering design. Journal of Intelligent Manufacturing, 2003, 14, 153-167.	7.3	43
2221	A genetic algorithm approach for the cutting stock problem. Journal of Intelligent Manufacturing, 2003, 14, 209-218.	7.3	28
2222	Optimizing the IC wire bonding process using a neural networks/genetic algorithms approach. Journal of Intelligent Manufacturing, 2003, 14, 229-238.	7.3	46

#	ARTICLE	IF	CITATIONS
2223	Solving geometric constraints with genetic simulated annealing algorithm. Journal of Zhejiang University: Science A, 2003, 4, 532-541.	2.4	4
2224	Genetic algorithms for sequencing problems in mixed model assembly lines. Computers and Industrial Engineering, 2003, 45, 669-690.	6.3	55
2225	Predicting terrain contours using a feed-forward neural network. Engineering Applications of Artificial Intelligence, 2003, 16, 465-472.	8.1	26
2226	The application of genetic algorithms and multidimensional distinguishing model in forecasting and evaluating credits for mobile clients. Wuhan University Journal of Natural Sciences, 2003, 8, 405-408.	0.4	1
2227	The A-Design approach to managing automated design synthesis. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2003, 14, 12-24.	2.1	35
2228	Evolutionary programming of a CNC cutting machine. International Journal of Advanced Manufacturing Technology, 2003, 22, 118-124.	3.0	12
2229	A modified evolutionary programming for flow shop scheduling. International Journal of Advanced Manufacturing Technology, 2003, 22, 522-527.	3.0	30
2230	Force modelling in shallow cuts with large negative rake angle and large nose radius tools?application to hard turning. International Journal of Advanced Manufacturing Technology, 2003, 22, 626-632.	3.0	53
2231	An evolutionary economic-statistical design for VSI X control charts under non-normality. International Journal of Advanced Manufacturing Technology, 2003, 22, 602-610.	3.0	29
2232	A class of order-based genetic algorithm for flow shop scheduling. International Journal of Advanced Manufacturing Technology, 2003, 22, 828-835.	3.0	32
2233	A Heuristic Genetic Algorithm for Solving Resource Allocation Problems. Knowledge and Information Systems, 2003, 5, 503-511.	3.2	28
2234	An Artificial Intelligent design for GPS Surveying Networks. GPS Solutions, 2003, 7, 101-108.	4.3	3
2235	Fuzzy adaptive genetic algorithms: design, taxonomy, and future directions. Soft Computing, 2003, 7, 545-562.	3.6	95
2236	Tackling 0/1 knapsack problem with gene induction. Soft Computing, 2003, 8, 1-9.	3.6	8
2237	Application of InP Neural Network to ECG BeatClassification. Neural Computing and Applications, 2003, 11, 144-155.	5.6	9
2238	Evolving Fault-Tolerant Neural Networks. Neural Computing and Applications, 2003, 11, 156-160.	5.6	37
2239	Segmentation of MR and CT Images by Using a Quantiser Neural Network. Neural Computing and Applications, 2003, 11, 168-177.	5.6	2
2240	Yoda, an adaptive soft classification model: content-based similarity queries and beyond. Multimedia Systems, 2003, 8, 523-535.	4.7	4

#	Article	IF	Citations
2241	Hierarchical Evolutionary Algorithms and Its Application in Transonic Airfoil Optimization in Aerodynamics. Chinese Journal of Aeronautics, 2003, 16, 1-6.	5.3	4
2242	Predicting structural models for silicon clusters. Journal of Computational Chemistry, 2003, 24, 869-875.	3.3	2
2243	A Model for the Emergence of Adaptive Subsystems. Bulletin of Mathematical Biology, 2003, 65, 27-56.	1.9	8
2244	A new methodology for evolutionary optimization of energy systems. Computer Methods in Applied Mechanics and Engineering, 2003, 192, 5021-5036.	6.6	25
2245	Search for most stable structure of Si8H8 cluster. Chemical Physics Letters, 2003, 377, 413-418.	2.6	12
2246	A hierarchical fuzzy–genetic multi-agent architecture for intelligent buildings online learning, adaptation and control. Information Sciences, 2003, 150, 33-57.	6.9	66
2247	Supervised learning by means of accuracy-aware evolutionary algorithms. Information Sciences, 2003, 156, 173-188.	6.9	4
2248	Large-scale statistical inverse computation of inelastic accretion in transient granular flows. International Journal of Non-Linear Mechanics, 2003, 38, 1205-1219.	2.6	6
2249	Numerical algorithms for use in quantum information. Journal of Computational Physics, 2003, 192, 95-104.	3.8	9
2250	Predictive reference shaping for constrained robotic systems using evolutionary algorithms. Applied Soft Computing Journal, 2003, 3, 325-341.	7.2	3
2251	Reducing average and peak temperatures of VLSI CMOS circuits by means of evolutionary algorithm applied to high level synthesis. Microelectronics Journal, 2003, 34, 1167-1174.	2.0	1
2252	A two level hybrid GA/SLP for FACTS allocation problem considering voltage security. International Journal of Electrical Power and Energy Systems, 2003, 25, 327-335.	5.5	14
2253	Construction of power system load models and network equivalence using an evolutionary computation technique. International Journal of Electrical Power and Energy Systems, 2003, 25, 293-299.	5.5	18
2254	Design of steel roofs subjected to drifted snow using genetic optimization. Computers and Structures, 2003, 81, 339-348.	4.4	4
2255	Stoichiometric Design of Metabolic Networks: Multifunctionality, Clusters, Optimization, Weak and Strong Robustness. Bulletin of Mathematical Biology, 2003, 65, 323-357.	1.9	28
2256	Applying the double side method of weighted residual for solving circle plate large deformation problems. Applied Mathematics and Computation, 2003, 141, 477-490.	2.2	2
2257	Use of genetic algorithms as an aid in modeling deep bed filtration. Computers and Chemical Engineering, 2003, 27, 281-292.	3.8	9
2258	A genetic algorithm based approach to route selection and capacity flow assignment. Computer Communications, 2003, 26, 961-974.	5.1	23

#	ARTICLE	IF	CITATIONS
2259	Optimal operation of the leavening process for a bread-making industrial plant. Journal of Food Engineering, 2003, 60, 289-299.	5.2	8
2260	Non-standard input signals for the calibration and optimisation of the measuring systems. Measurement: Journal of the International Measurement Confederation, 2003, 34, 179-186.	5.0	6
2261	Weight minimization of composite laminated plates with multiple constraints. Composites Science and Technology, 2003, 63, 1015-1026.	7.8	33
2262	Evolving two-dimensional fuzzy systems. Fuzzy Sets and Systems, 2003, 138, 381-398.	2.7	7
2263	Sparse data in the evolutionary generation of fuzzy models. Fuzzy Sets and Systems, 2003, 138, 363-379.	2.7	3
2264	Approximations with evolutionary pursuit. Signal Processing, 2003, 83, 465-481.	3.7	13
2265	Genetic algorithms and fuzzy control: a practical synergism for industrial applications. Computers in Industry, 2003, 52, 183-195.	9.9	24
2266	Optimal energy restoration in radial distribution systems using a genetic approach and graph chain representation. Electric Power Systems Research, 2003, 67, 197-205.	3.6	18
2267	Some observations on using meta-heuristics for efficient location management in mobile computing networks. Journal of Parallel and Distributed Computing, 2003, 63, 33-44.	4.1	5
2268	Evolving neural networks to identify bent-double galaxies in the FIRST survey. Neural Networks, 2003, 16, 507-517.	5.9	13
2269	Information processing in transmitting recombination. Applied Mathematics Letters, 2003, 16, 945-948.	2.7	3
2270	Analysis of crossovers and selections in a coarse-grained parallel genetic algorithm. Mathematical and Computer Modelling, 2003, 38, 1275-1282.	2.0	12
2271	A hybrid graph-genetic method for domain decomposition. Finite Elements in Analysis and Design, 2003, 39, 1237-1247.	3.2	9
2272	Genetic algorithm for SUSY trigger optimization in CMS detector at LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 502, 693-695.	1.6	5
2273	Closed-loop quantum control utilizing time domain maps. Chemical Physics, 2003, 290, 35-45.	1.9	2
2274	A simple procedure to weight empirical potentials in a fitness function so as to optimize its performance in ab initio protein-folding problem. Biophysical Chemistry, 2003, 105, 105-118.	2.8	2
2275	A Monte Carlo based nodal diffusion model for criticality analysis of spent fuel storage lattices. Annals of Nuclear Energy, 2003, 30, 1089-1108.	1.8	16
2276	Parallel island genetic algorithm applied to a nuclear power plant auxiliary feedwater system surveillance tests policy optimization. Annals of Nuclear Energy, 2003, 30, 1665-1675.	1.8	33

#	Article	IF	Citations
2277	Hysteretic optimization for the traveling salesman problem. Physica A: Statistical Mechanics and Its Applications, 2003, 329, 287-297.	2.6	11
2278	An intelligent hierarchical workstation control model for FMS. Journal of Materials Processing Technology, 2003, 139, 134-139.	6.3	10
2279	Sequential and multi-population memetic algorithms for assigning cells to switches in mobile networks. Computer Networks, 2003, 43, 247-261.	5.1	16
2280	Chapter 2: Previous scheduling research. Electronic Notes in Discrete Mathematics, 2003, 14, 15-34.	0.4	0
2281	Learning soft computing control strategies in a modular neural network architecture. Engineering Applications of Artificial Intelligence, 2003, 16, 395-405.	8.1	6
2282	A comprehensive approach to the analysis of matrix-assisted laser desorption/ionization-time of flight proteomics spectra from serum samples. Proteomics, 2003, 3, 1667-1672.	2.2	161
2283	Hybrid genetic algorithm for the identification of high-order synchronous machine two-axis equivalent circuits. Computers and Electrical Engineering, 2003, 29, 505-522.	4.8	17
2284	Error bounds estimate of nonlinear boundary value problems using method of weighted residuals with genetic algorithms. Applied Mathematics and Computation, 2003, 144, 261-271.	2.2	5
2285	Genetic approach for automatic detection of form deviations of geometrical features for effective measurement strategy. Precision Engineering, 2003, 27, 370-381.	3.4	14
2286	Zipfâ€"Mandelbrot scaling law for world track records. Physica A: Statistical Mechanics and Its Applications, 2003, 328, 545-560.	2.6	5
2287	Design optimization of analog integrated circuits using simulation-based genetic algorithm. , 0, , .		26
2288	An improved method for statistical analysis of metabolic flux analysis using isotopomer mapping matrices with analytical expressions. Journal of Biotechnology, 2003, 105, 117-133.	3.8	54
2289	Evolutionary Computational Support for the Characterization of Biological Systems. , 2003, , 279-294.		3
2290	A simulation-based multi-objective genetic algorithm (SMOGA) for transportation network design problem. , 0, , .		3
2291	Diversity control in a multi-objective genetic algorithm. , 0, , .		8
2292	Neuro-fuzzy motion controller design using improved simple genetic algorithm. , 0, , .		3
2293	Neural networks and genetic algorithms applications in nuclear magnetic resonance spectroscopy. Data Handling in Science and Technology, 2003, , 281-321.	3.1	3
2294	Reconstruction of the parameters of Debye and Lorentzian dispersive media using a genetic algorithm. , 0, , .		5

#	Article	IF	Citations
2295	Simulation study of multitrailer control system using neurocontrollers evolved by a modified GA. , 0, , .		2
2296	Fast convergence algorithm for adaptive IIR notch filter using combination of genetic search and variable step-size algorithm. , 0, , .		1
2297	Estimation of induction motor parameters by a genetic algorithm. , 0, , .		18
2298	A genetic algorithm with multiple crossover operators for optimal frequency assignment problem. , 0, , .		9
2299	Optimized random PWM strategy based on genetic algorithms. , 0, , .		13
2300	Swarm optimisation as a new tool for data mining. , 0, , .		14
2301	A unified closed-loop stability measure for finite-precision digital controller realizations implemented in different representation schemes. IEEE Transactions on Automatic Control, 2003, 48, 816-822.	5.7	9
2302	A hybrid coding strategy for optimized test data compression. , 0, , .		26
2303	Globally convergent approach based on chaotic theory for underwater robot motor optimization. , 0, , .		5
2304	Optimization of driving amplifiers for smart actuators using genetic algorithm. , 0, , .		1
2305	Genetic algorithms: the philosopher's stone or an effective solution for high-level TPG?. , 0, , .		15
2306	Evolvable building blocks for analog fuzzy logic controllers. , 0, , .		5
2307	An improved double sampling s chart. International Journal of Production Research, 2003, 41, 2663-2679.	7.5	35
2308	Multimethod machine learning approach for medical diagnosing. , 0, , .		1
2309	A new approach to compositional adaptation based on optimizing the global distance function and its application in an intelligent tutoring system. , 0, , .		3
2310	Optimal design of a regenerative dynamic dynamometer using genetic algorithms. , 0, , .		5
2311	An accurate and efficient parallel genetic algorithm to schedule tasks on a cluster. , 0, , .		11
2312	A hierarchical genetic algorithm with search space partitioning scheme. , 0, , .		2

#	ARTICLE	IF	CITATIONS
2313	Experiments in automatic programming for general purposes. , 0, , .		0
2314	Negotiation modeling and e-shopping agents. , 0, , .		5
2315	Design of optimal controllers for interval plant via a two-phase evolutionary approach. , 0, , .		0
2316	The design of frequency selective surfaces (FSS) using real-coded genetic algorithm (RGA). , 0, , .		5
2317	RBF network based on genetic algorithm optimization for nonlinear time series prediction. , 0, , .		4
2318	Agent paradigm in clinical large-scale data mining environment. , 0, , .		1
2319	Wiring optimization for propagation delay and reduced power consumption in multichip modules with free-space optical interconnect. , 0, , .		0
2320	The technology of advanced control of applied artificial cloning to highly precise mechatronical systems. , 2003, , .		0
2321	Noah's ark strategy for avoidance of excess convergence by a parallel genetic algorithm with an object-shared space. , 0, , .		2
2322	Progressive watermarking techniques with genetic algorithms. , 0, , .		5
2323	A pattern-based evolving mechanism for genetic algorithm to solve combinatorial optimization problems. , 0, , .		0
2324	Fuzzy Control for Pneumatic Muscle Tracking Via Evolutionary Tuning. Intelligent Automation and Soft Computing, 2003, 9, 227-244.	2.1	31
2325	Genetic design of decentralized controllers for 5dof robotic manipulator. , 0, , .		0
2326	Acquisition of a specialty in multi-agent learning: approach from learning classifier system. , 0, , .		1
2327	Solving QoS multicast routing with genetic algorithms. , 0, , .		3
2328	Quantum evolutionary algorithm for multi-objective optimization problems. , 2003, , .		11
2329	Search-based execution-time verification in object-oriented and component-based real-time system development. , 0, , .		4
2330	Intelligent data analysis of human bone density. , 0, , .		1

#	Article	IF	Citations
2331	The optimization of radial basis probabilistic neural networks based on genetic algorithms. , 0, , .		16
2332	A novel design of self-organizing approximator technique: an evolutionary approach. , 0, , .		1
2333	Evolutionary neural network-based sensor self-calibration scheme using IEEE 1451 and wireless sensor networks. , 0, , .		4
2334	Evolutionary Gabor filter optimization with application to vehicle detection. , 0, , .		16
2335	On the equivalence of a RBF-like network to TS fuzzy systems: a GA approach for TS-network. , 0, , .		1
2336	Planning metering systems for power distribution systems monitoring. , 0, , .		0
2337	TestBuilder - ATPG system for digital devices based on FPGA. , 0, , .		0
2338	Shortest path problem with cache dependent path lengths. , 0, , .		2
2339	Lighting Design Requirements for Highway Nighttime Construction. , 2003, , 1.		6
2340	Experimental optimization of a direct injection homogeneous charge compression ignition gasoline engine using split injections with fully automated microgenetic algorithms. International Journal of Engine Research, 2003, 4, 47-60.	2.3	22
2341	Fuzzy-MOGA-based traffic signal control at intersection. , 0, , .		4
2342	Computer-aided diagnosis of carotid atherosclerosis using laws' texture features and a hybrid trained neural network. , 0, , .		5
2343	Genetic neural networks for image classification. , 0, , .		3
2344	Evolving Connectionist Systems. Perspectives in Neural Computing, 2003, , .	0.1	87
2345	Evolutionary multi-objective optimisation with a hybrid representation. , 0, , .		9
2346	Timer selection algorithm for real-time requirements of Profibus protocol using GA. , 0, , .		0
2347	A genetic algorithm for server location and storage allocation in multimedia-on-demand network. , 0, , .		0
2348	Adaptive and heuristic approaches for nonlinear source separation. , 0, , .		1

#	ARTICLE	IF	CITATIONS
2349	An improved genetic algorithm optimizing microstrip filter with equal width. , 2003, , .		2
2350	Intelligent sensor resource management using evolutionary computing techniques. , 0, , .		1
2351	A genetic algorithm for the single machine total weighted tardiness problem. , 0, , .		1
2352	Extraction of investment strategies based on moving averages: A genetic algorithm approach. , 0, , .		7
2353	The use of genetic algorithms for the design of current controllers for active shunt filters. , 0, , .		5
2354	Optimization of Yagi array by hierarchical genetic algorithms. , 0, , .		10
2355	DINA: Dynamic INtelligent Agents. , 0, , .		0
2356	A novel parallel quantum genetic algorithm. , 0, , .		14
2357	A novel hybrid feature selection algorithm: using ReliefF estimation for GA-Wrapper search. , 0, , .		10
2358	A 'non-model building' approach to solving hierarchical functions. , 0, , .		0
2359	Risk based optimization for strategical planning of electrical distribution systems with dispersed generation. , 0, , .		10
2360	Evolution of sensory configurations for intelligent vehicles. , 0, , .		2
2361	Data Envelopment Analysis in Multicriteria Decision Making. Profiles in Operations Research, 2003, , 333-368.	0.4	5
2362	Using Genetic Algorithms for Pairwise and Multiple Sequence Alignments. , 2003, , 87-111.		2
2363	Neural networks for the calibration of voltammetric data. Data Handling in Science and Technology, 2003, 23, 257-280.	3.1	0
2364	Solving the Converter Placement Problem in WDM Ring Networks using Genetic Algorithms. Computer Journal, 2003, 46, 427-448.	2.4	8
2365	Three-dimensional motion estimation using genetic algorithms from image sequence in an active stereo vision system. , 2003, , .		0
2366	Human Facial Beauty. Archives of Facial Plastic Surgery, 2003, 5, 371.	0.7	28

#	ARTICLE	IF	CITATIONS
2367	Optimizing broadside array antenna with adaptive interference cancellation using amplitude-position perturbations in a linear array. , 0, , .		1
2368	Comparison of pulling back and penalty methods for constraints in DPMBGA. , 0, , .		1
2369	Phases-based dynamic genetic strategies for genetic algorithms. , 0, , .		0
2370	Exploring regenerative mechanisms found in flatworms by artificial evolutionary techniques using genetic regulatory networks. , 0, , .		4
2371	On the impact of modelling, robustness and diversity to the performance of a multi-objective evolutionary algorithm for digital VLSI system design. , 0, , .		1
2372	Multi-objective behavior coordination of multiple robots interacting with a dynamic environment. , 0, , .		4
2373	Improving the ability of function approximation of neural network using patulous cross section method. , 0, , .		0
2374	A Bayesian optimization algorithm for the nurse scheduling problem. , 0, , .		8
2375	Fuzzy genetic clustering for pixel classification of satellite images. , 0, , .		1
2376	Cluster analysis and visualisation enhanced genetic algorithm. Computer Aided Chemical Engineering, 2003, 15, 642-647.	0.5	0
2377	Applying sample weighting methods to genetic parallel programming. , 0, , .		0
2378	A general and robust method for multi-criteria design of microwave oscillators using an evolutionary strategy. , 0, , .		1
2379	Automated design of security protocols. , 0, , .		2
2380	Retailer selection and pricing mechanisms in e business context. , 2003, , .		0
2381	Evaluation of GA-based dynamic route guidance for car navigation using cellular automata. , 0, , .		6
2382	A genetic hill climbing method for function optimization using a neighborhood based on interactions among parameters. , 0, , .		1
2383	Image segmentation using GMRF models: parameters estimation and applications. , 0, , .		17
2384	A criteria-based approach for selecting touring paths using GIS & GA. , 0, , .		1

#	ARTICLE	IF	CITATIONS
2385	Genetic algorithms in stochastic optimisation. , 0, , .		0
2386	An enhanced evolutionary approach to spatial partitioning for reconfigurable environments. , 0, , .		0
2387	Population size, search space and quality of solution: an experimental study. , 0, , .		11
2388	An efficient algorithm for designing optimal backbone topology for a communication networks. , 0, , .		3
2389	Improvements on layout of garment patterns for efficient fabric consumption. , 0, , .		3
2390	Design enhancement by fuzzy logic in architecture. , 0, , .		4
2391	Adaptive minimum bit error rate beamforming assisted receiver for wireless communications. , 0, , .		25
2392	Optimization of fuzzy controllers for industrial manipulators via genetic algorithms. , 0, , .		0
2393	Analysis of software maintenance data using multi-technique approach. , 0, , .		4
2394	Trajectory generation for human-friendly behavior of partner robot using fuzzy evaluating interactive genetic algorithm. , 0, , .		5
2395	Parallel Thermoelasticity Optimization of 3-D Serpentine Cooling Passages in Turbine Blades. , 2003, , 1215.		19
2396	Texture analysis and optical anisotropy measurements of leukocytes for early diagnostics of diabetes mellitus. , 0, , .		0
2397	Modeling and Cost Optimization of Combined Cycle Heat Recovery Generator Systems. , 2003, , 881.		7
2398	Pulse pattern training of spiking neural networks using improved genetic algorithm. , 0, , .		4
2399	Automated negotiation for order transaction of injection mold manufacturer. , 2003, , .		8
2400	Fuzzy controllers design based on neural beam dynamics model optimized by genetic algorithms. , 0, , .		0
2401	Genetic optimization of radiobase-station sizing and location using a GIS-based framework: experimental validation. , 0, , .		5
2402	An evolutionary optimization approach for 3D human head model classification. , 2003, , .		3

#	ARTICLE	IF	CITATIONS
2403	Fuzzy logic resource manager: evolving fuzzy decision tree structure that adapts in real-time. , 2003, , .		2
2404	Codebook design by a hybridization of ant colony with improved LBG algorithm. , 2003, , .		0
2405	MEH: modular evolvable hardware for designing complex circuits. , 0, , .		4
2406	Perceptual system for a mobile robot under a dynamic environment. , 0, , .		6
2407	Improved classification accuracy by feature extraction using genetic algorithms. , 2003, 5032, 1402.		1
2408	Evolutionary computation for dynamic parameter optimisation of connectionist systems for on-line prediction of time series with changing dynamics. , 0, , .		3
2409	Genetic-algorithm-based image compression technique using pattern classification. , 2003, , .		0
2410	On the Use of Evolutionary Algorithms to Improve the Robustness of Continuous Speech Recognition Systems in Adverse Conditions. Eurasip Journal on Advances in Signal Processing, 2003, 2003, 1.	1.7	3
2411	A Comparison of Evolutionary Algorithms for Tracking Time-Varying Recursive Systems. Eurasip Journal on Advances in Signal Processing, 2003, 2003, 1.	1.7	2
2412	Wavelet-Based Signal Approximation with Genetic Algorithms. Systems Analysis Modelling Simulation, 2003, 43, 1503-1528.	0.1	5
2413	Evolutionary algorithms for optimization: do we get effective solutions?. , 2003, , .		1
2414	Genetic algorithm operators effect in optimizing the antenna array pattern synthesis. , 0, , .		4
2415	Design of IIR filters with simultaneous amplitude and group-delay characteristics using genetic algorithm. , 0, , .		0
2416	A machine composed of isomorphic modules creating support system using interactive evolutionary techniques. , 0, , .		0
2417	Identification of dynamic equivalents preserving the internal modes. , 0, , .		0
2418	Technical Note: Aerodynamic Design of Helicopter Rotor Blade in Forward Flight Using Response Surface Methodology. Journal of the American Helicopter Society, 2003, 48, 300-304.	0.8	4
2419	MATLAB - SPICE interface (MATSPICE) and its applications. , 2003, , .		9
2420	Feature transformation in compressed domain for content-based image retrieval. , 2003, , .		0

#	ARTICLE	IF	CITATIONS
2421	New approach to reduce the computation time of genetic algorithm for designing CGHs. , 2003, , .		1
2422	An optimization technique: storm-association approach. , 0, , .		0
2423	Bone segmentation using multiple communicating snakes. , 2003, , .		2
2424	Stochastic optimization techniques for NDE of bridges using vibration signatures. , 2003, , .		2
2425	Image compression using parameterized wavelets with feedback. , 2003, , .		9
2426	Hybrid Optimization Approaches for Solving Groundwater Inverse Problems in a Parallel Computing Environment. , 2003, , 1.		1
2427	Genetic Algorithms Based CAMD. Computer Aided Chemical Engineering, 2003, , 95-128.	0.5	2
2428	Optimization of a Large Number of Coolant Passages Located Close to the Surface of a Turbine Blade. , 2003, , 13.		19
2429	Design Optimization of a Vehicle B-Pillar Subjected to Roof Crush Using Mixed Reactive Taboo Search. , 2003, , 449.		4
2430	Optimum Selection of Hydraulic Devices for Water Hammer Control in the Pipeline Systems Using Genetic Algorithm. , 2003, , 2877.		5
2431	Development of an Enhanced Multi-Objective Robust Genetic Algorithm for Groundwater Remediation Design under Uncertainty. , 2003, , 1.		4
2432	Multi-Gender Genetic Optimization of Diagnostic Observers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 15-20.	0.4	1
2433	Evolution of Intelligent Agents: A New Approach to Automatic Plan Design. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 233-238.	0.4	1
2434	Application of multi-objective optimization in the design of SMB in chemical process industry. Computer Aided Chemical Engineering, 2003, 15, 1118-1122.	0.5	0
2435	Control of quantum dynamics: Concepts, procedures and future prospects. Handbook of Numerical Analysis, 2003, , 833-887.	1.8	8
2436	Multiscale Strategies for Solving Water Resources Management Problems with Genetic Algorithms. , 2003, , 1.		1
2437	Applying genetic algorithms and neural networks to chemometric problems. Data Handling in Science and Technology, 2003, 23, 343-375.	3.1	2
2438	Improve the efficiency of traditional scheduling system with GA-Petri net model. International Journal of Computer Applications in Technology, 2003, 17, 16.	0.5	1

#	Article	IF	Citations
2439	Combining Reliability and Pareto Optimalityâ€"An Approach Using Stochastic Multi-Objective Genetic Algorithms. , 2003, , 1.		13
2441	Skin Image Segmentation Using a Self-Organizing Map and Genetic Algorithms. IEEJ Transactions on Electronics, Information and Systems, 2003, 123, 2056-2062.	0.2	4
2442	A quantitative analysis of evolvability for an evolutionary fuzzy logic controller. Integrated Computer-Aided Engineering, 2003, 10, 369-385.	4.6	2
2443	Probabilistic Model Building Based GAs in Permutation Domains Using Edge Histograms.. Transactions of the Japanese Society for Artificial Intelligence, 2003, 18, 173-182.	0.1	1
2444	A Genetic Algorithm With Self-Generated Random Parameters. Journal of Computing and Information Technology, 2003, 11, 271.	0.3	5
2445	Genetic Learning Automata and Fuzzy Controller Applied to Active Suspension. , 0, , .		2
2446	Use of Genetic Algorithms as an Innovative Tool for Race Car Design. , 2003, , .		2
2447	Flight control system validation using global nonlinear optimisation algorithms. , 2003, , .		9
2448	Weighted Local Similarity Pattern as image similarity model incorporated in GA-based relevance feedback mechanism. Intelligent Data Analysis, 2003, 7, 443-467.	0.9	3
2449	Automated Visual Inspection and Artificial Intelligence. , 2003, , 1-34.		2
2450	Detection of formation boundaries and permeable fractures based on frequency-domain Stoneley wave logs. Exploration Geophysics, 2004, 35, 45-50.	1.1	10
2451	A NOVEL EVOLUTIONARY LEARNING TECHNIQUE FOR MULTI-OBJECTIVE ARRAY ANTENNA OPTIMIZATION. Progress in Electromagnetics Research, 2004, 48, 125-144.	4.4	12
2452	Automatic learning of language model structure. , 2004, , .		16
2453	Genetic Learning of Nash Equilibria in Illicit Drug Markets and Prerequisites for a Successful Crackdown. International Symposia in Economic Theory and Econometrics, 2004, , 391-410.	0.3	0
2454	Optimized Route Assignments of Automated Environmental Monitoring Platforms at Many Observation Points in Stream/Rivers by Genetic Algorithm. Suimon Mizu Shigen Gakkaishi, 2004, 17, 618-626.	0.1	0
2455	Genetic Algorithms with Local Minimum Escaping Technique. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 1918-1919.	0.2	0
2456	Stock Options, Restricted Stock, and Incentives. SSRN Electronic Journal, 2004, , .	0.4	70
2457	Two Grand Challenges for EC. Genetic Algorithms and Evolutionary Computation, 2004, , 37-51.	0.3	0

#	ARTICLE	IF	CITATIONS
2458	The Application of Bayesian Optimization and Classifier Systems in Nurse Scheduling. SSRN Electronic Journal, 2004, , .	0.4	1
2459	Multi-layered agent ontology for soft computing systems. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2004, 8, 117-128.	1.0	1
2460	Modelling Document Categories by Evolutionary Learning of Text Centroids. International Federation for Information Processing, 2004, , 359-368.	0.4	0
2461	Eddy current coupler optimization. , 2004, , .		4
2462	SINGLE-KERNEL MAIZE ANALYSIS BY NEAR-INFRARED HYPERSPECTRAL IMAGING. Transactions of the American Society of Agricultural Engineers, 2004, 47, 311-320.	0.9	154
2463	Design Optimization of Tilting-Pad Journal Bearing Using a Genetic Algorithm. International Journal of Rotating Machinery, 2004, 10, 301-307.	0.8	21
2464	Solving a Concrete Sleepers Production Scheduling by Genetic Algorithms. SSRN Electronic Journal, 2004, , .	0.4	0
2465	Multiobjective joint optimization and frequency diversity for efficient utilization of the RF transmission hyperspace. , 2004, , .		7
2466	MULTILEVEL HIERARCHICAL NETWORK DESIGN. Doboku Gakkai Ronbunshu, 2004, 2004, 139-150.	0.2	4
2467	Automatic fitting of cochlear implants with evolutionary algorithms. , 2004, , .		1
2468	Schemata Theory for the real coding and arithmetical operators. , 2004, , .		1
2469	Museum security enhanced using genetic algorithms and virtual reality. , 2004, , .		0
2470	Adaptive lot/equipment matching strategy and GA based approach for optimized dispatching and scheduling in a wafer probe center. , 2004, , .		5
2471	Genetic algorithm based optimization design of miniature piezoelectric forceps. , 2004, , .		2
2472	Fuzzy methods of driving genetic algorithms. , 2004, , .		0
2473	Modeling SiC surface roughness using neural network and atomic force microscopy. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 2467.	1.6	13
2474	Unit commitment by genetic algorithms. , 0, , .		1
2475	A comparison of distributed restricted recombination operators for genetic and evolutionary societies of hill-climbers: a DisACSP perspective. , 0, , .		1

#	Article	IF	Citations
2476	Layered learning for evolving goal scoring behaviour in soccer players. , 0, , .		6
2477	Design and optimization of 3D RF modules, microsystems and packages using electromagnetic, statistical and genetic tools [mm-wave interdigitated passband filter application]. , 0, , .		5
2478	Cost effective genetic optimal database index set for decision support systems with attributes accessing probabilities. , 0, , .		0
2479	A genetic algorithm with gene dependent mutation probability for non-stationary optimization problems. , 0, , .		4
2480	Application of genetic algorithms for the design of large-scale reverse logistic networks in Europe's automotive industry. , 2004, , .		7
2481	Selection and Scaling of Ground Motion Time Histories for Structural Design Using Genetic Algorithms. Earthquake Spectra, 2004, 20, 413-426.	3.1	164
2482	Adaptive signal processing with genetic algorithm optimum filter for fast digitizer ASIC. , 0, , .		0
2483	MRF and multiagent system based approach for image segmentation. , 0, , .		2
2484	Towards real-time obstacle detection using a hierarchical decomposition methodology for stereo matching with a genetic algorithm. , 0, , .		6
2485	On multiobjective volt-VAR optimization in power systems. , 2004, , .		12
2486	Design of single-row layouts for flexible manufacturing systems using genetic algorithm and simulated annealing algorithm. , 0, , .		3
2487	Human perception of software complexity: knowledge discovery from software data. , 0, , .		1
2488	ANN-GA approach of credit scoring for mobile customers. , 0, , .		1
2489	Lecture timetabling using hybrid genetic algorithms. , 0, , .		3
2490	Three-dimensional rigid motion estimation using genetic algorithms from an image sequence in an active stereo vision system. Journal of Electronic Imaging, 2004, 13, 789.	0.9	4
2491	Application of the Improved Immune Algorithm to Structural Design Support System. Journal of Structural Engineering, 2004, 130, 108-119.	3.4	14
2492	<title>Genetic algorithm optimization of x-ray multilayer coatings</title>. , 2004, 5536, 97.		21
2493	Mining HIV protease cleavage data using genetic programming with a sum-product function. Bioinformatics, 2004, 20, 3398-3405.	4.1	17

#	ARTICLE	IF	CITATIONS
2494	Genetic algorithms based optimization of membership functions for fuzzy weighted association rules mining. , 0, , .		5
2495	Channel and frequency offset estimation for a MIMO-OFDM system. , 0, , .		12
2496	A new skill called monotonous reference convergence method used to accelerate the iteration convergence in a multiple interferences. , 2004, , .		0
2497	Combined coverage and capacity optimisation for UMTS networks. , 2004, , .		9
2498	Optimization of Arrangements of Ro-Ro Passenger Ships with Genetic Algorithms. Ship Technology Research, 2004, 51, 99-105.	2.5	17
2499	Real-time face detection using hybrid GA based on selective attention. , 0, , .		2
2500	Design of 2-D error feedback network based on combinational optimization of coefficients sets. , 0, , .		0
2501	A hybrid neural architecture for fuzzy rules extraction. IEEE Latin America Transactions, 2004, 2, 126-131.	1.6	2
2502	Selective bagging based incremental learning. , 0, , .		2
2503	A reinforcement-learning approach to robot navigation. , 0, , .		8
2504	An evolutionary approach for multi-objective optimization of nonlinear microwave circuits. , 0, , .		0
2505	Self-organizing PID control design based on DNA computing method. , 0, , .		9
2506	Optimization of E.Coli heat shock response parameter tuning using distributed and integrated genetic algorithms. , 0, , .		1
2507	Tracking multiple point targets using genetic interacting multiple model based algorithm. , 0, , .		1
2508	Parameter estimation of nonlinear system based on hybrid intelligent method. , 0, , .		1
2509	Soft computing and metaheuristics: using knowledge and reasoning to control search and vice-versa. , 2004, , .		4
2510	Scripting the game of Lemmings with a genetic algorithm. , 0, , .		7
2511	Multi-agent Systems Applied to the Solution of the Traveling Salesman Problem. IEEE Latin America Transactions, 2004, 2, 31-36.	1.6	2

#	ARTICLE	IF	CITATIONS
2512	<title>Trajectory estimation of closely spaced objects (CSO) using infrared focal plane data of an STSS (space tracking and surveillance system) platform</title>. , 2004, , .		5
2513	Genetic algorithm based synthesis of multi-output ternary functions using quantum cascade of generalized ternary gates. , 0, , .		19
2514	Bearing Fault Detection Using Artificial Neural Networks and Genetic Algorithm. Eurasip Journal on Advances in Signal Processing, 2004, 2004, 1.	1.7	54
2515	Character Image Reconstruction from a Feature Space Using Shape Morphing and Genetic Algorithms. , 0, , .		1
2516	Self-managing federated services. , 2004, , .		8
2517	The effect of noise on the performance of cultural evolution in multi-agent systems. , 0, , .		0
2518	Non-dominated sorting genetic algorithms for heterogeneous embedded system design. , 0, , .		1
2519	Evolutionary algorithms for compact thermal modelling of microsystems: application to a micro-pyrotechnic actuator. Journal of Micromechanics and Microengineering, 2004, 14, 1074-1082.	2.6	16
2520	Modified queen bee evolution based genetic algorithm for tuning of scaling factors of fuzzy knowledge base controller. , 0, , .		8
2521	Simulation Of Folding Defect In Forging. AIP Conference Proceedings, 2004, , .	0.4	4
2522	Optimisation of the high efficiency deep grinding process with fuzzy fitness function and constraints. , 0, , .		4
2523	Optimizing the performance of single-mode laser diode system using genetic algorithm. Optics and Lasers in Engineering, 2004, 42, 41-46.	3.8	3
2524	Evaluation of ellipsometric measurements using complex strategies. Thin Solid Films, 2004, 455-456, 95-100.	1.8	10
2525	Building Better Nurse Scheduling Algorithms. Annals of Operations Research, 2004, 128, 159-177.	4.1	72
2526	Local Search Genetic Algorithms for the Job Shop Scheduling Problem. Applied Intelligence, 2004, 21, 99-109.	5.3	97
2527	Comparison of Certain Evolutionary Algorithms. Automation and Remote Control, 2004, 65, 357-362.	0.8	1
2528	Virtual Analyzers: Identification Approach. Automation and Remote Control, 2004, 65, 1691-1709.	0.8	13
2529	Evolvable Hardware in Evolutionary Robotics. Autonomous Robots, 2004, 16, 5-21.	4.8	13

#	Article	IF	Citations
2530	Distributed, Physics-Based Control of Swarms of Vehicles. Autonomous Robots, 2004, 17, 137-162.	4.8	305
2531	An Evolutionary Design Algorithm for Ring-based SDH optical core networks. BT Technology Journal, 2004, 22, 135-144.	0.5	4
2532	Application of the Genetic Algorithm to the Multi-Objective Optimization of Air Bearings. Tribology Letters, 2004, 17, 119-128.	2.6	30
2533	Well Locations and Constraint Handling in Groundwater Pumping Cost Minimization via Genetic Algorithms. Water, Air and Soil Pollution, 2004, 4, 227-239.	0.8	12
2534	Irrigation Planning using Genetic Algorithms. Water Resources Management, 2004, 18, 163-176.	3.9	100
2535	QM2RP: A QoS-Based Mobile Multicast Routing Protocol Using Multi-Objective Genetic Algorithm. Wireless Networks, 2004, 10, 271-286.	3.0	75
2536	Direction-of-Arrival Estimation (DoA) Using Switched Parasitic Planar Arrays and the Method of Genetic Algorithms. Wireless Personal Communications, 2004, 28, 59-75.	2.7	6
2537	Design for 2D anisotropic photonic crystal with large absolute band gaps by using a genetic algorithm. European Physical Journal B, 2004, 37, 417-419.	1.5	6
2538	Sequential and Parallel Meta-Heuristics for Solving the Single Row Routing Problem. Cluster Computing, 2004, 7, 123-139.	5.0	2
2539	Multiscale advanced raster map analysis system: Definition, design and development. Environmental and Ecological Statistics, 2004, 11, 113-138.	3.5	15
2540	Exact Schema Theory and Markov Chain Models for Genetic Programming and Variable-length Genetic Algorithms with Homologous Crossover. Genetic Programming and Evolvable Machines, 2004, 5, 31-70.	2.2	36
2542	Lock-Gain Based Graph Partitioning. Journal of Heuristics, 2004, 10, 37-57.	1.4	29
2543	A Hybrid Heuristic for the p-Median Problem. Journal of Heuristics, 2004, 10, 59-88.	1.4	214
2544	SASEGASA: A New Generic Parallel Evolutionary Algorithm for Achieving Highest Quality Results. Journal of Heuristics, 2004, 10, 243-267.	1.4	32
2545	A New Memetic Algorithm for the Asymmetric Traveling Salesman Problem. Journal of Heuristics, 2004, 10, 483-506.	1.4	102
2546	Employing subgroup evolution for irregular-shape nesting. Journal of Intelligent Manufacturing, 2004, 15, 187-199.	7.3	17
2547	Hybrid neural network and genetic algorithm based machining feature recognition. Journal of Intelligent Manufacturing, 2004, 15, 287-298.	7.3	36
2548	Intelligent design of feeders for castings by augmenting CAD with genetic algorithms. Journal of Intelligent Manufacturing, 2004, 15, 299-305.	7.3	10

#	ARTICLE	IF	CITATIONS
2549	Optimization of tool change timing in a nut forming process using genetic algorithms. Journal of Intelligent Manufacturing, 2004, 15, 693-699.	7.3	3
2550	Behavior Evolution of Multiple Mobile Agents under Solving a Continuous Pursuit Problem Using Artificial Life Concept. Journal of Intelligent and Robotic Systems: Theory and Applications, 2004, 39, 433-445.	3.4	1
2551	Two Novel Evolutionary Formulations of the Graph Coloring Problem. Journal of Combinatorial Optimization, 2004, 8, 41-63.	1.3	20
2552	A Combined Evolutionary Search and Multilevel Optimisation Approach to Graph-Partitioning. Journal of Global Optimization, 2004, 29, 225-241.	1.8	124
2553	On the Morality of Artificial Agents. Minds and Machines, 2004, 14, 349-379.	4.8	652
2554	Manual and Automatic Design for UMTS Networks. Mobile Networks and Applications, 2004, 9, 619-626.	3.3	15
2555	Adaptive Color Image Filtering Based on Center-Weighted Vector Directional Filters. Multidimensional Systems and Signal Processing, 2004, 15, 169-196.	2.6	105
2556	A Genetic Algorithm for Solving a Capacitated p-Median Problem. Numerical Algorithms, 2004, 35, 373-388.	1.9	81
2557	Evolutionary Algorithm Integrating Stress Heuristics for Truss Optimization. Optimization and Engineering, 2004, 5, 45-57.	2.4	4
2558	Optimization of Construction of Tire Reinforcement by Genetic Algorithm. Optimization and Engineering, 2004, 5, 77-92.	2.4	20
2559	Virtual Topology Design and Reconfiguration of Virtual Private Networks (VPNs) over All-Optical WDM Networks. Photonic Network Communications, 2004, 7, 255-266.	2.7	11
2560	A multi-population genetic algorithm approach for solving ill-posed problems. Computational Mechanics, 2004, 33, 254-262.	4.0	28
2561	Genetic algorithms for outlier detection and variable selection in linear regression models. Soft Computing, 2004, 8, 527-533.	3.6	64
2562	Determination of fuzzy logic membership functions using genetic algorithms: application to structure–odor modeling. Journal of Molecular Modeling, 2004, 10, 335-341.	1.8	13
2563	A hybrid algorithm for queueing systems. Calcolo, 2004, 41, 139-151.	1.1	6
2564	Synthesis of experimental designs of maneuvering captive-model tests with a large number of factors. Journal of Marine Science and Technology, 2004, 9, 32-42.	2.9	12
2565	A genetic algorithm for robust schedules in a one-machine environment with ready times and due dates. 4or, 2004, 2, 129.	1.6	27
2566	Nodal ordering using graph theory and a genetic algorithm. Finite Elements in Analysis and Design, 2004, 40, 1271-1280.	3.2	4

#	Article	IF	Citations
2567	Building a software experience factory using granular-based models. Fuzzy Sets and Systems, 2004, 145, 111-139.	2.7	12
2568	Process synthesis of laser forming by genetic algorithm. International Journal of Machine Tools and Manufacture, 2004, 44, 1619-1628.	13.4	33
2569	Application of GA in optimal robot selection for bridge restoration. Automation in Construction, 2004, 13, 803-819.	9.8	8
2570	Repulsive force control based on distance computation algorithm. Computers and Industrial Engineering, 2004, 47, 45-60.	6.3	4
2571	An evolutionary algorithm-based decision support system for managing flexible manufacturing. Robotics and Computer-Integrated Manufacturing, 2004, 20, 529-539.	9.9	16
2572	An application of a real-time scheduling system for turbulent manufacturing environments. Robotics and Computer-Integrated Manufacturing, 2004, 20, 485-494.	9.9	6
2573	Electromagnetic imaging of penetrable configurations by means of a GA/CG method. Measurement: Journal of the International Measurement Confederation, 2004, 36, 271-278.	5.0	1
2574	Adaptive Reservoir Evolutionary Algorithm: An Evolutionary On-Line Adaptation Scheme for Global Function Optimization. Journal of Heuristics, 2004, 10, 555-586.	1.4	2
2575	Evolutionary Algorithms for the Vehicle Routing Problem with Time Windows. Journal of Heuristics, 2004, 10, 587-611.	1.4	98
2576	Robust Parameter Settings for Variation Operators by Measuring the Resampling Ratio: A Study on Binary Constraint Satisfaction Problems. Journal of Heuristics, 2004, 10, 629-640.	1.4	2
2577	A Novel Evolutionary Formulation of the Maximum Independent Set Problem. Journal of Combinatorial Optimization, 2004, 8, 419-437.	1.3	17
2578	MOPECO: an economic optimization model for irrigation water management. Irrigation Science, 2004, 23, 61-75.	2.8	100
2579	Optimization of the reactive injection moulding process. Structural and Multidisciplinary Optimization, 2004, 27, 110-119.	3.5	2
2580	Design of non-linear steel frames for stress and displacement constraints with semi-rigid connections via genetic optimization. Structural and Multidisciplinary Optimization, 2004, 27, 259-271.	3.5	32
2581	Genetic algorithms for cost-effective maintenance of a reactor-regenerator system. International Journal of Advanced Manufacturing Technology, 2004, 23, 846.	3.0	8
2582	The ordinal optimisation of genetic control parameters for flow shop scheduling. International Journal of Advanced Manufacturing Technology, 2004, 23, 812.	3.0	7
2583	Using genetic algorithms on facilities layout problems. International Journal of Advanced Manufacturing Technology, 2004, 23, 301-310.	3.0	35
2584	An intelligent concurrent design task planner for manufacturing systems. International Journal of Advanced Manufacturing Technology, 2004, 23, 672-681.	3.0	16

#	Article	IF	Citations
2585	Numerical solution of a boundary detection problem using genetic algorithms. Engineering Analysis With Boundary Elements, 2004, 28, 405-411.	3.7	18
2586	Additive chaotic forcing scheme for determination of the global minimum of functions. Communications in Nonlinear Science and Numerical Simulation, 2004, 9, 499-513.	3.3	1
2587	Intelligent multi-agent support for the contingency management system. Expert Systems With Applications, 2004, 26, 57-71.	7.6	26
2588	On linguistic representation of quantitative dependencies. Expert Systems With Applications, 2004, 26, 95-104.	7.6	6
2589	Applying the double side method to solution nonlinear pendulum problem. Applied Mathematics and Computation, 2004, 149, 613-624.	2.2	7
2590	Function approximation via particular input space partition and region-based exponential membership functions. Fuzzy Sets and Systems, 2004, 142, 267-291.	2.7	4
2591	Temporal problems solved by dynamic fuzzy network based on genetic algorithm with variable-length chromosomes. Fuzzy Sets and Systems, 2004, 142, 199-219.	2.7	31
2592	An intelligent control system with a multi-objective self-exploration process. Fuzzy Sets and Systems, 2004, 143, 275-294.	2.7	10
2593	Effect of reliability considerations on the optimal synthesis, design and operation of a cogeneration system. Energy, 2004, 29, 309-329.	8.8	69
2594	Prediction of profile surface roughness in CHF3/CF4 plasma using neural network. Applied Surface Science, 2004, 222, 17-22.	6.1	22
2595	A genetic algorithm approach for regrouping service sites. Computers and Operations Research, 2004, 31, 1317-1333.	4.0	5
2596	Solving the Sayre equations for centrosymmetric structures with a genetic algorithm. Acta Crystallographica Section A: Foundations and Advances, 2004, 60, 306-310.	0.3	7
2597	The global optimization design for electron emission system using genetic algorithms. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 519, 90-95.	1.6	1
2598	An accurate parallel genetic algorithm to schedule tasks on a cluster. Parallel Computing, 2004, 30, 567-583.	2.1	17
2599	Design of a genetic-fuzzy system to predict surface finish and power requirement in grinding. Fuzzy Sets and Systems, 2004, 148, 487-504.	2.7	37
2600	Analysis of stress ratio effects on fatigue propagation in a sintered duplex steel by experimentation and artificial neural network approaches. International Journal of Fatigue, 2004, 26, 819-828.	5.7	29
2601	Thermal characterization of dielectric thin films using an improved genetic algorithm. Superlattices and Microstructures, 2004, 35, 239-252.	3.1	6
2602	Low order robust controller design for preserving Hˆž performance: Genetic algorithm approach. ISA Transactions, 2004, 43, 539-547.	5.7	4

#	ARTICLE	IF	CITATIONS
2603	A model of simulation environment for prediction and optimisation of production processes. Journal of Materials Processing Technology, 2004, 155-156, 1641-1646.	6.3	2
2604	A model of data flow in lower CIM levels. Journal of Materials Processing Technology, 2004, 157-158, 123-130.	6.3	0
2605	Optimal and approximate approaches for selecting proxy agents in mobile IP based network backbones. Journal of Parallel and Distributed Computing, 2004, 64, 554-568.	4.1	2
2606	Proximity and priority: applying a gene expression algorithm to the Traveling Salesperson Problem. Parallel Computing, 2004, 30, 803-816.	2.1	4
2607	Geno-fuzzy classification trees. Pattern Recognition, 2004, 37, 1653-1659.	8.1	2
2608	Diagnosis of the diseasesâ€"â€"using a GA-fuzzy approach. Information Sciences, 2004, 162, 105-120.	6.9	22
2609	Evolutionary optimization of energy systems using population graphing and neural networks. Advances in Engineering Software, 2004, 35, 289-299.	3.8	3
2610	Development of a BWR loading pattern design system based on modified genetic algorithms and knowledge. Annals of Nuclear Energy, 2004, 31, 1901-1911.	1.8	18
2611	An evolutionary approach to Wall Shear Stress prediction in a grafted artery. Applied Soft Computing Journal, 2004, 4, 139-148.	7.2	9
2612	Volterra system identification using adaptive genetic algorithms. Applied Soft Computing Journal, 2004, 5, 75-86.	7.2	13
2613	Comparing learning classifier systems and Genetic Programming: a case study. Engineering Applications of Artificial Intelligence, 2004, 17, 199-204.	8.1	6
2614	MoDEL: an efficient strategy for ungapped local multiple alignment. Computational Biology and Chemistry, 2004, 28, 119-128.	2.3	8
2615	Two-stage aqueous two-phase extractions: selection of system composition using a genetic algorithm. Biochemical Engineering Journal, 2004, 21, 199-205.	3.6	5
2616	Use of a genetic algorithm for determining material parameters in ventricular myocardium. , 0, , .		2
2617	On-line multi-objective optimization of controllers for electric drives. , 2004, , .		0
2618	Scrapping Small Lots in a Low-Yield and High-Price Scenario. IEEE Transactions on Semiconductor Manufacturing, 2004, 17, 55-67.	1.7	3
2619	High-level synthesis using computation-unit integrated memories. , 0, , .		2
2620	Genetic algorithm based fuzzy controller for nonlinear systems. , 0, , .		5

#	ARTICLE	IF	CITATIONS
2621	Sensitivity analysis and optimization of excimer laser ablation for microvia formation using neural networks and genetic algorithms. , 0, , .		0
2622	A service-oriented approach for aerodynamic shape optimisation across institutional boundaries. , 0, , .		0
2623	Evolvability and reconfigurability. , 0, , .		6
2624	Development of a remote quick design system for woven fabrics. , 2004, , .		0
2625	Multiclass protein fold recognition using multiobjective evolutionary algorithms. , 0, , .		13
2626	Querying Distributed Multimedia Databases and Data Sources for Sensor Data Fusion. IEEE Transactions on Multimedia, 2004, 6, 687-702.	7.2	16
2627	A mobile negotiation agent embedded hybrid online purchasing system. , 2004, , .		0
2628	Real-time multiple face detection of pedestrian using hybrid GA. , 0, , .		1
2629	A noval genetic algorithm with diversity reproduction. , 0, , .		0
2630	Optimization of a hard disk drive servo system using multiobjective genetic algorithm. , 2004, , .		1
2631	DC operating point analysis using evolutionary computing. , 0, , .		1
2632	Satisfactory design of cogeneration system using genetic algorithm. , 0, , .		0
2633	Parameters optimization of fuzzy-neural dynamic model. , 2004, , .		4
2634	SMT solder joint's shape and location optimization using modified genetic algorithm in the dynamic loadings. , 0, , .		0
2635	Using genetic algorithms and fuzzy control for spindle of CNC machine tool. , 0, , .		0
2636	Intelligent design of power transmission lines based on 3D GIS. , 0, , .		3
2637	On the stability analysis of a controlled blower system. , 0, , .		0
2638	GA-based evolutionary interleaver design for turbo codes. , 0, , .		0

#	ARTICLE	IF	CITATIONS
2639	Using Genetic Algorithms and Tabu Search Parallel Models to Solve the Scheduling Problem. International Federation for Information Processing, 2004, , 343-357.	0.4	1
2640	Investigating the performance of genetic algorithm-based software test case generation. , 0, , .		17
2641	Design of low output voltage DC-DC converters through artificial evolution. , 0, , .		0
2642	Reserve Capacity for a Road Network Under Optimized Fixed Time Traffic Signal Control. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2004, 8, 87-99.	4.2	46
2643	Design optimization approaches for the thermo-mechanical reliability of land grid array solder joints. , 0, , .		0
2644	A cost-minimizing diagnostic methodology for discrimination between neoplastic and non-neoplastic brain lesions. Academic Radiology, 2004, 11, 169-177.	2.5	8
2645	A comparison of multivariate calibration techniques applied to experimental NIR data setsPart III: Robustness against instrumental perturbation conditions. Chemometrics and Intelligent Laboratory Systems, 2004, , .	3.5	2
2646	A genetic algorithm analysis of N* resonances inBp($gamma;,K+)$Lambda; reactions. Nuclear Physics A, 2004, , .	1.5	5
2647	Identification of Multivariable Models of Fast Ferries. European Journal of Control, 2004, 10, 187-198.	2.6	9
2648	Optimum design of parallel kinematic toolheads with genetic algorithms. Robotica, 2004, 22, 77-84.	1.9	36
2649	In vitro osteosarcoma biosensing using THz time domain spectroscopy. , 2004, 5275, 304.		7
2650	A new and simple structure of fuzzy logic based indirect field oriented control of induction motor drives. , 0, , .		4
2651	Modelling and optimization of multilayer RF passives using coupled neural networks and genetic algorithms. , 0, , .		5
2652	Color image filtering and enhancement based genetic algorithms. , 0, , .		10
2653	Optimal capacitor allocation in electrical distribution systems based on typical load profiles. , 0, , .		8
2654	Multiobjective ant colony search algorithm optimal electrical distribution system planning. , 0, , .		6
2655	Analog-circuit-component optimization with genetic algorithm. , 0, , .		7
2656	An optimal strategy for switching devices allocation in radial distribution network. , 0, , .		2

#	Article	IF	Citations
2657	Genetic Algorithm Tuned Fuzzy Logic for Gliding Return Trajecotries. , 2004, , .		1
2658	Texture decomposition into Gauss-shaped functions: classical and genetic algorithm methods. Computational Materials Science, 2004, 29, 179-186.	3.0	8
2659	Development and validation of evolutionary algorithm software as an optimization tool for biological and environmental applications. Journal of Microbiological Methods, 2004, 57, 309-322.	1.6	5
2660	Wavelength converter placement in least-load-routing-based optical networks using genetic algorithms. Journal of Optical Networking, 2004, 3, 363.	2.5	33
2661	Design and optimization of optical components using genetic algorithms. Optical Engineering, 2004, 43, 1643.	1.0	6
2662	Robust Algorithms for Tomographic Reconstruction of Line-of-Sight Thermal Flow Field Images. Advances in Heat Transfer, 2004, 38, 143-201.	0.9	1
2663	Multi-objective optimization design of airfoil and wing. Science in China Series D: Earth Sciences, 2004, 47, 15.	0.9	4
2664	Knowledge-based neural networks for gene expression data analysis, modelling and profile discovery. Drug Discovery Today Biosilico, 2004, 2, 253-261.	0.7	7
2665	Breeding software test cases for complex systems. , 2004, , .		12
2666	Optimization of aluminum oxynitride compaction process using a Gray-coded genetic algorithm. Materials Letters, 2004, 58, 136-141.	2.6	9
2667	Towards evolvable analog artificial neural networks controllers. , 0, , .		7
2668	USING NON-PARAMETRIC SEARCH ALGORITHMS TO FORECAST DAILY EXCESS STOCK RETURNS. Advances in Econometrics, 0, , 93-125.	0.3	0
2669	Novel multi-centroid, multi-run sampling schemes for K-medoids-based algorithms. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2004, 8, 45-56.	1.0	1
2670	STRUCTURAL DAMAGE IDENTIFICATION OF CONCRETE SPECIMEN IN PROGRESSIVE FAILURE. Doboku Gakkai Ronbunshu, 2004, 2004, 279-288.	0.2	1
2671	FUNDAMENTAL EFFECTIVENESS OF STRUCTURAL DAMAGE IDENTIFICATION USING GENETIC ALGORITHM. Doboku Gakkai Ronbunshu, 2004, 2004, 269-278.	0.2	1
2672	Product development process intelligent analysis and improvement. , 0, , .		1
2673	Genetic algorithm parameter optimization: applied to sensor coverage. , 2004, , .		0
2674	Self-adaptive parameters in genetic algorithms. , 2004, , .		19

#	Article	IF	Citations
2675	Correction of Misclassifications Using a Proximity-Based Estimation Method. Eurasip Journal on Advances in Signal Processing, 2004, 2004, 1.	1.7	5
2676	GA&LS-based fuzzy neural network control. , 0, , .		0
2677	<title>Fiber Bragg optimization using parallel processing and genetic algorithm</title>. , 2004, , .		0
2678	Combined design of recurve actuators and drive electronics for maximum energy efficiency. , 2004, , .		0
2679	Design of GRIN laser beam shaping system. , 2004, , .		8
2680	Precise Image Segmentation by Iterative EM-Based Approximation of Empirical Grey Level Distributions with Linear Combinations of Gaussians. , 0, , .		6
2681	Self-adaptive routing method based on learning classifier systems. , 0, , .		0
2682	Optimizing uplink beam pattern of smart antenna by phase-amplitude disturbance in a linear array. , 2004, , .		1
2683	Separating air traffic flows by allocating 3D-trajectories. , 0, , .		12
2684	Genetic algorithms for the design of digital filters using canonic signed digit coefficients. , 0, , .		4
2685	Solving geometric constraints with niche genetic simulated annealing algorithm. , 0, , .		0
2686	A genetic exploration of dynamic load balancing algorithms. , 0, , .		0
2687	Handoff management scheme for multimedia mss-networks using genetic algorithms. , 0, , .		2
2688	Expected Rates of Building Block Discovery, Retention and Combination Under 1-Point and Uniform Crossover. Lecture Notes in Computer Science, 2004, , 121-130.	1.3	7
2689	SPATIOTEMPORAL RAINFALL FORECASTING VIA ANNS COUPLED WITH GA. , 2004, , 1401-1408.		1
2691	Comparison of fitness scaling functions in genetic algorithms with applications to optical processing. , 2004, , .		26
2692	Optimal Cost Potable Water Network Distribution Design with Genetic Algorithms. , 2004, , 1.		1
2693	Combined Receiver-Function and Surface Wave Phase-Velocity Inversion Using a Niching Genetic Algorithm: Application to Patagonia. Bulletin of the Seismological Society of America, 2004, 94, 977-987.	2.3	69

#	ARTICLE	IF	CITATIONS
2694	Computation tools for the combat of cardiovascular heart disease. International Journal of Computer Applications in Technology, 2004, 21, 16.	0.5	2
2695	Using CT-Analyst to optimize sensor placement. , 2004, , .		15
2697	Optimisation of a wave energy converter. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 155-160.	0.4	8
2698	Sensor Network Design Using Genetic Algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 149-154.	0.4	1
2699	Evolving Neural Network Ensembles by Minimization of Mutual Information. International Journal of Hybrid Intelligent Systems, 2004, 1, 12-21.	1.2	26
2700	Analysis of the impact of layered soil heterogeneity on optimal policies for groundwater, remediation. Developments in Water Science, 2004, 55, 1159-1170.	0.1	1
2701	Parameter estimation for modeling reductive dechlorination with isotopic fractionation. Developments in Water Science, 2004, , 1285-1295.	0.1	0
2702	Interactive Genetic Algorithms for Inverse Groundwater Modeling: Issues with Human Fatigue and Prediction Models. , 2005, , 1.		4
2703	Expert Knowledge in Long-Term Groundwater Monitoring Optimization Process: The Interactive Genetic Algorithm Perspective. , 2005, , 1.		2
2704	A NEW EFFICIENT SELF-ORGANISING FUZZY LOGIC CONTROL (SOFLC) ALGORITHM USING A DYNAMIC PERFORMANCE INDEX TABLE. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 40-45.	0.4	3
2705	A NOVEL GA-BASED NEURAL MODELLING PLATFORM FOR NONLINEAR DYNAMIC SYSTEMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 186-191.	0.4	0
2706	DEVELOPMENT OF PC-BASED INTEGRATED SCHEDULING SYSTEM WITH DEMAND FORECASTING FOR PVC PLANT. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 43-48.	0.4	0
2707	AN OPTIMAL FUZZY APPROACH TO AUTOMATED RESERVOIR MANAGEMENT. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 127-132.	0.4	1
2708	An Integrated Framework for Gas Turbine Power Plant Operational Modeling and Optimization. , 2005, , 503.		3
2709	The Compact Classifier System: Scalability Analysis and First Results. , 0, , .		12
2710	Multi-rate power control of CDMA cellular system using genetic algorithm. , 2005, 6041, 245.		2
2711	Gene Linkage Identification in Permutation Problems for Local Search and Genetic Local Search. , 0, , .		2
2712	Workshop Organizing Committee. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
2713	Comparison of two approaches to oligo sets optimization. , 2005, , .		0
2714	Conceptual Design â€" How It Can Be Improved. Structural Engineering International: Journal of the International Association for Bridge and Structural Engineering (IABSE), 2005, 15, 122-128.	0.8	1
2715	Iterative Approximation of Empirical Grey-Level Distributions for Precise Segmentation of Multimodal Images. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.7	10
2716	Feature Selection and Blind Source Separation in an EEG-Based Brain-Computer Interface. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.7	53
2717	DECENTRALIZED CONTROL OF WINDING SYSTEMS: A HYBRID EVOLUTIONARY-ALGEBRAIC APPROACH. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 628-633.	0.4	4
2718	EVOLUTIONARY ALGORITHMS IN CONTROL SYSTEM ENGINEERING. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 45-50.	0.4	8
2719	OPTIMIZATION OF POWER SYSTEM STABILIZER BY GENETIC ALGORITHM. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 274-278.	0.4	1
2720	On the optimum design of fuzzy logic controller for trajectory tracking using evolutionary algorithms. , 0, , .		8
2721	Regularization regression based on real coded genetic algorithms. , 2005, 6045, 283.		0
2722	Improving Evolutionary Synthesis of MEMS through Fabrication and Testing Feedback. , 0, , .		4
2723	A complete CAD system for pulmonary nodule detection in high resolution CT images. , 2005, 5747, 85.		2
2724	Image Processing using Genetic Algorithm for Accurate Extraction of Go-coordinates and Automatic Generation of Go-record. Journal of the Japan Society of Information and Knowledge, 2005, 15, 87-97.	0.0	1
2725	Restricted Evolution Based Multimodal Function Optimization In Holographic Grating Design. , 0, , .		15
2726	Adaptive smart antennae receiver controlled by a hardware-based genetic optimiser. International Journal of Embedded Systems, 2005, 1, 50.	0.3	1
2727	Towards an innovative virtual optimisation machine for the power industry. Progress in Computational Fluid Dynamics, 2005, 5, 398.	0.2	7
2728	Automatically Extracting Manmade Objects from Pan-Sharpened High-Resolution Satellite Imagery Using a Fuzzy Segmentation Method. , 2005, , 641-653.		1
2729	Application of genetic algorithm for constrained metal plate lens profile optimization. , 2005, , .		1
2730	Simultaneous Inversion of Source Parameters and Attenuation Factor Using Genetic Algorithms. Bulletin of the Seismological Society of America, 2005, 95, 1401-1411.	2.3	16

#	Article	IF	Citations
2731	Applications of Fuzzy Logic in Mobile Robots Control. Studies in Fuzziness and Soft Computing, 0, , 163-193.	0.8	0
2732	Reverse Engineering for a Dynamic Model of the Drosophila Circadia Oscillator. , 0, , .		1
2733	A class of unitary constellations for differential space-time modulation. , 0, , .		0
2734	Genetically Enhanced Performance of a UTRA-like Time-Division Duplex CDMA Network. , 0, , .		1
2735	Overcoming Representation Issues when Including Aesthetic Criteria in Evolutionary Design. , 2005, , 1.		10
2736	coordinating perceptually grounded categories through language: a case study for colour. Behavioral and Brain Sciences, 2005, 28, 469-489.	0.7	343
2737	Design optimization of actuator layouts of adaptive optics using a genetic algorithm. , 2005, , .		9
2738	A clustering algorithm based on an estimated distribution model. International Journal of Business Intelligence and Data Mining, 2005, 1, 229.	0.2	10
2739	Use of artificial intelligence for the optimal design of solar systems. International Journal of Computer Applications in Technology, 2005, 22, 90.	0.5	8
2740	Discrete parameter-nonlinear constrained optimisation of a gear train using genetic algorithms. International Journal of Computer Applications in Technology, 2005, 24, 110.	0.5	15
2741	Data-mining-based automated reverse engineering and defect discovery. , 2005, , .		1
2742	Path synthesis of a finger-type gripping mechanism. Mechanism and Machine Theory, 2005, 40, 1209-1223.	4.5	3
2743	Distributed system design based on dependability evaluation: a case study on a pilot thermal process. Reliability Engineering and System Safety, 2005, 88, 109-119.	8.9	4
2744	Entropy-guided micro-genetic algorithm for multiuser detection in CDMA communications. Signal Processing, 2005, 85, 1572-1587.	3.7	13
2745	On task mapping optimization for parallel decoding of low-density parity-check codes on message-passing architectures. Parallel Computing, 2005, 31, 462-490.	2.1	0
2746	A genetic integrated fuzzy classifier. Pattern Recognition Letters, 2005, 26, 411-420.	4.2	6
2747	Image processing as a tool for assessment and analysis of blue stain discolouration of coated wood. International Biodeterioration and Biodegradation, 2005, 56, 178-187.	3.9	13
2748	Adaptive genetic algorithm for lot-sizing problem with self-adjustment operation rate. International Journal of Production Economics, 2005, 98, 129-135.	8.9	25

#	Article	IF	Citations
2749	Application of fault-tolerant neural networks in the synthesis of microwave devices. Nonlinear Analysis: Theory, Methods & Applications, 2005, 63, e891-e897.	1.1	0
2750	Electricity estimation using genetic algorithm approach: a case study of Turkey. Energy, 2005, 30, 1003-1012.	8.8	122
2751	Prediction of plasma-induced DC bias using polynomial neural network. Vacuum, 2005, 79, 111-118.	3.5	5
2752	A genetic algorithm analysis of photoluminescence experimental data from interdiffused quantum wells. Superlattices and Microstructures, 2005, 37, 193-201.	3.1	0
2753	Prediction of plasma processes using neural network and genetic algorithm. Solid-State Electronics, 2005, 49, 1576-1580.	1.4	24
2754	Linkage-shredding genetic algorithm for reliability assessment of structural systems. Structural Safety, 2005, 27, 49-72.	5.3	23
2755	An assisted approach of the global optimization for the experimental conditions in capillary electrophoresis. Analytica Chimica Acta, 2005, 546, 112-118.	5.4	4
2756	Applying the double side method of weighted residual to the solution of shell deformation problem. Applied Mathematics and Computation, 2005, 167, 622-634.	2.2	2
2757	Genetic algorithm for constrained global optimization in continuous variables. Applied Mathematics and Computation, 2005, 171, 604-636.	2.2	40
2758	Evolving neural network for printed circuit board sales forecasting. Expert Systems With Applications, 2005, 29, 83-92.	7.6	77
2759	Development of an artificial market model based on a field study. Information Sciences, 2005, 170, 35-63.	6.9	7
2760	Effective optimisation of continuum topologies through a multi-GA system. Computer Methods in Applied Mechanics and Engineering, 2005, 194, 3416-3437.	6.6	19
2761	Standardization for image characteristics in telemammography using genetic and nonlinear algorithms. Computers in Biology and Medicine, 2005, 35, 183-196.	7.0	7
2762	A cybernetic modeling framework for analysis of metabolic systems. Computers and Chemical Engineering, 2005, 29, 487-498.	3.8	17
2763	Optimal sequencing of tasks in an aluminium smelter casthouse. Computers in Industry, 2005, 56, 221-234.	9.9	2
2764	Mixed H2/Hâˆž optimization approach to gap control on EDM. Control Engineering Practice, 2005, 13, 95-104.	5.5	9
2765	Applications of genetic algorithms for inverting positron lifetime spectrum. Chemical Physics Letters, 2005, 412, 353-358.	2.6	2
2766	A class decomposition approach for GA-based classifiers. Engineering Applications of Artificial Intelligence, 2005, 18, 271-278.	8.1	5

#	Article	IF	Citations
2767	Index-Based Persistent Document Identifiers. Information Retrieval, 2005, 8, 5-24.	2.0	1
2768	A comparative study on methods of reduction and selection of information in technical diagnostics. Mechanical Systems and Signal Processing, 2005, 19, 919-938.	8.0	3
2769	Optimisation of olefin epoxidation catalysts with the application of high-throughput and genetic algorithms assisted by artificial neural networks (softcomputing techniques). Journal of Catalysis, 2005, 229, 513-524.	6.2	72
2770	A demonstration of coupled receptor/dispersion modeling with a genetic algorithm. Atmospheric Environment, 2005, 39, 7181-7189.	4.1	77
2771	Research of Genetic Training Algorithm for Identifying Mechanical Failure Modes within the Framework of Case-Based Reasoning. Chinese Journal of Aeronautics, 2005, 18, 122-129.	5.3	1
2772	Design of aquifer remediation systems: (1) Describing hydraulic structure and NAPL architecture using tracers. Journal of Contaminant Hydrology, 2005, 81, 125-147.	3.3	21
2773	A winner-take-all circuit using neural networks as building blocks. Neurocomputing, 2005, 64, 375-396.	5.9	11
2774	Estimation of single-neuron model parameters from spike train data. Neurocomputing, 2005, 65-66, 517-529.	5.9	12
2775	Partitioned fuzzy integral multinomial logit model for Taiwan's internet telephony market. Omega, 2005, 33, 267-276.	5.9	22
2776	Multiple-Antenna-Aided OFDM Employing Genetic-Algorithm-Assisted Minimum Bit Error Rate Multiuser Detection. IEEE Transactions on Vehicular Technology, 2005, 54, 1713-1721.	6.3	57
2777	Optimized model tuning in medical systems. Computer Methods and Programs in Biomedicine, 2005, 80, S17-S28.	4.7	1
2778	Autonomous evolutionary algorithm in medical data analysis. Computer Methods and Programs in Biomedicine, 2005, 80, S29-S38.	4.7	7
2779	A Grouping Genetic Algorithm for the Pickup and Delivery Problem with Time Windows. OR Spectrum, 2005, 27, 21-41.	3.4	106
2780	Optimal tuning of PI speed controller coefficients for electric drives using neural network and genetic algorithms. Electrical Engineering, 2005, 87, 77-82.	2.0	16
2781	PODC: Paradigm-oriented distributed computing. Journal of Parallel and Distributed Computing, 2005, 65, 506-518.	4.1	3
2782	DNA algorithm for an unbounded fan-in Boolean circuit. BioSystems, 2005, 82, 52-60.	2.0	11
2783	Adaptive minimum bit error rate beamforming assisted receiver for QPSK wireless communication. , 2005, 15, 545-567.		26
2784	Structural analysis and optimisation of press brakes. International Journal of Machine Tools and Manufacture, 2005, 45, 1451-1460.	13.4	3

#	Article	IF	Citations
2785	Ordered incremental training for GA-based classifiers. Pattern Recognition Letters, 2005, 26, 2135-2151.	4.2	14
2786	Truss optimization on shape and sizing with frequency constraints based on genetic algorithm. Computational Mechanics, 2005, 35, 361-368.	4.0	150
2787	GAME based dynamic resource scheduling in QoS aware radio access networks. Soft Computing, 2005, 9, 101-115.	3.6	3
2788	A genetic approach for downlink packet scheduling in HSDPA system. Soft Computing, 2005, 9, 116-127.	3.6	6
2789	Soft computing for crisis management and political decision making: the use of genetically evolved fuzzy cognitive maps. Soft Computing, 2005, 9, 194-210.	3.6	78
2790	Applying genetic algorithms to zone design. Soft Computing, 2005, 9, 341-348.	3.6	89
2791	Spontaneous coordination and evolutionary learning processes in an agent-based model. Mind and Society, 2005, 4, 179-195.	1.3	0
2792	An improved genetic local search algorithm for defect reconstruction from MFL signals. Russian Journal of Nondestructive Testing, 2005, 41, 815-821.	0.9	5
2794	Modeling Driver Behavior in a Straight-line Emergency Situation. , 2005, , .		3
2795	A Tool for the Simulation and Optimization of the Damping Material Treatment of a Car Body. , 2005, , .		5
2796	Genetic Algorithm-Based On-Line Optimization of a Speed Controller for a Combustion Engine. , 2005, , .		2
2797	A Hybrid Approach Using Gaussian Smoothing and Genetic Algorithm for Multilevel Thresholding. International Journal of Hybrid Intelligent Systems, 2005, 1, 143-152.	1.2	28
2798	A comparative study on optimization methods for the constrained nonlinear programming problems. Mathematical Problems in Engineering, 2005, 2005, 165-173.	1.1	41
2799	A Data Mining Approach to Support the Development of New Fuels and Technology. , 0, , .		1
2800	Time Varying Sensitivities on a GRID architecture. SSRN Electronic Journal, 2005, , .	0.4	0
2801	Power Supply Noise-Aware Scheduling and Allocation for DSP Synthesis. , 0, , .		0
2802	Technological sensitivity of nonintuitive GA Optimized printed antennas. , 2005, , .		0
2803	language impairment and colour categories. Behavioral and Brain Sciences, 2005, 28, 494-495.	0.7	2

#	ARTICLE	IF	CITATIONS
2804	Analysis of Foreign Exchange Interventions by Intervention Agent with an Artificial Market Approach. Transactions of the Japanese Society for Artificial Intelligence, 2005, 20, 36-45.	0.1	0
2805	Efficient implementation of inverse approach for forecasting hydrological time series using micro GA. Journal of Hydroinformatics, 2005, 7, 151-163.	2.4	10
2806	Inversion of SAR data in active volcanic areas by optimization techniques. Nonlinear Processes in Geophysics, 2005, 12, 863-870.	1.3	25
2807	A Systematic Exploration of Uncertainty and Convergence of Inverse Transient Calibration for WDSs. , 2005, , 1.		1
2808	Estimating Flight Departure Delay Distributions - A Statistical Approach With Long-Term Trend and Short-Term Pattern. SSRN Electronic Journal, 2005, , .	0.4	8
2809	Image and conductivity reconstruction of a variable conducting cylinder in a half-space. International Journal of Applied Electromagnetics and Mechanics, 2005, 21, 51-62.	0.6	1
2810	Simulation of manual materials handling: Biomechanial assessment under different lifting conditions. Technology and Health Care, 2005, 13, 57-66.	1.2	17
2811	Automatic design of fuzzy logic controller using a genetic algorithm for collision-free, time-optimal navigation of a car-like robot. International Journal of Hybrid Intelligent Systems, 2005, 2, 161-187.	1.2	9
2812	Univariate marginal distribution algorithms for non-stationary optimization problems. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2005, 8, 129-138.	1.0	3
2813	A hybrid genetic algorithm for sequencing PCB component placement. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2005, 9, 129-136.	1.0	4
2814	Robust output feedback controller design: genetic algorithm approach. IMA Journal of Mathematical Control and Information, 2005, 22, 257-265.	1.7	36
2815	Reinforcement Learning: An Introduction. IEEE Transactions on Neural Networks, 2005, 16, 285-286.	4.2	4,586
2816	Evolutionary-programming-based tracker for hybrid chaotic interval systems. IMA Journal of Mathematical Control and Information, 2005, 22, 285-309.	1.7	0
2817	Automated Unique Input Output Sequence Generation for Conformance Testing of FSMs. Computer Journal, 2005, 49, 331-344.	2.4	51
2818	Cognitive Radio â€" Genetic Algorithm Approach. AIP Conference Proceedings, 2005, , .	0.4	1
2819	A comparative study of probability collectives based multi-agent systems and genetic algorithms. , 2005, , .		27
2820	Evolving next generation signal compression and reconstruction transforms via genetic algorithms. , 2005, , .		1
2821	A Statistical Comparison Study between Genetic Algorithms and Bayesian Optimization Algorithms. Progress of Theoretical Physics Supplement, 2005, 157, 353-356.	0.1	1

#	ARTICLE	IF	CITATIONS
2822	BMI Optimization Based on Unimodal Normal Distribution Crossover GA with Relaxed LMI Convex Estimation. , 0, , .		2
2823	A New Inversion Procedure for Spectral Analysis of Surface Waves Using a Genetic Algorithm. Bulletin of the Seismological Society of America, 2005, 95, 1801-1808.	2.3	39
2824	A comparison study between genetic algorithms and bayesian optimize algorithms by novel indices. , 2005, , .		10
2825	FD-HGAC. , 2005, , .		9
2826	Multi-Objective Genetic Programming Based Design of Fuzzy Systems. , 2005, , 1.		0
2827	Binary rule encoding schemes. , 2005, , .		4
2828	Learning Classifier System with Convergence and Generalization. , 0, , 285-304.		10
2830	A Genetic Algorithm for Energy Minimization in Bio-molecular Systems. , 0, , .		3
2831	Rank and Proximity Based Crossover (RPC) to Improve Convergence in Genetic Search. , 0, , .		1
2832	Adaptive negotiation agents for e-business. , 2005, , .		10
2833	A CAC and Routing Framework for Multimedia Applications in Broadband Networks Using Fuzzy Logic and Genetic Algorithm. , 0, , .		1
2834	Evolving Autonomous Agent Control in the Xpilot Environment. , 0, , .		10
2835	Evolutionary Optimization in Code-Based Test Compression. , 0, , .		2
2836	Design of statcom controllers with energy storage system using GEA. , 0, , .		11
2837	Power System Aggregate Load Area Modeling. , 0, , .		2
2838	Innovative Design of Adaptive Hierarchical Fuzzy Logic Systems. , 0, , .		3
2839	PGAC: a parallel genetic algorithm for data clustering. , 2005, , .		3
2840	Identifying error proneness in path strata with genetic algorithms. , 2005, , .		2

#	ARTICLE	IF	CITATIONS
2841	Multidimensional Epistasis and the Advantage of Sex. , 0, , .		2
2842	Attribute Selection Methods Comparison for Classification of Diffuse Large B-Cell Lymphoma. , 0, , .		10
2843	An approximate solution to optimal L/sub p/ state estimation problems. , 0, , .		0
2844	An Evolutionary Approach for a Topologic Constrained Routing Problem. , 0, , .		0
2845	Hybrid Evolutionary Optimisation Methods for the Clearance of Nonlinear Flight Control Laws. , 0, , .		5
2846	Efficient Digital Filter Structures with Minimum Roundoff Noise Gain. , 0, , .		1
2847	Evolutionary computation technologies for space systems. , 2005, , .		25
2848	Adaptive robust speech processing based on acoustic noise estimation and classification. , 0, , .		2
2849	Evolutionary Computation Technologies for the Automated Design of Space Systems. , 0, , .		8
2850	Structured Stochastic Optimization Strategies for Problems with Ill-conditioned Error Surfaces. , 0, , .		2
2851	Reconfigurable Sliding-Mode Control Design using Genetic Algorithms and Eigenstructure Assignment. , 0, , .		4
2852	24 Genetic algorithms in radiotherapy. Studies in Multidisciplinarity, 2005, 3, 447-482.	0.0	1
2853	A parallel micro-genetic algorithm and its application. , 2005, , .		1
2854	Robust Controller Design Based on Genetic Algorithms and System Simulation. , 0, , .		9
2855	Improving the efficiency of an evolutionary algorithm in the optimization of analog microwave circuits using regularized rbf networks. , 0, , .		0
2856	Minimum energy maneuvering strategies for multiple satellite inspection missions. , 2005, , .		5
2857	Optimized probabilistic neural networks in recognizing fragrance mixtures using higher number of sensors. , 2005, , .		2
2858	Path planning for bearing-only simultaneous localisation and mapping. , 0, , .		0

#	ARTICLE	IF	CITATIONS
2859	Multi-Objective VAR Dispatch Using Particle Swarm Optimization. International Journal of Emerging Electric Power Systems, 2005, 4, .	0.8	12
2860	Enumerating Knight's Tours using an Ant Colony Algorithm. , 0, , .		7
2861	Modeling gene-regulatory networks using evolutionary algorithms and distributed computing. , 2005, , .		2
2862	Empirical-Stochastic Ground-Motion Prediction for Eastern North America. Bulletin of the Seismological Society of America, 2005, 95, 2283-2296.	2.3	97
2863	Evolutionary reactive behavior for mohile rohots navigation. , 0, , .		6
2864	Performance Improvement of Hybrid Real-Coded Genetic Algorithm with Local Search and Its Applications. , 0, , .		6
2865	A Genetic Based Fuzzy-Neural Networks Design for System Identification. , 0, , .		0
2867	Optimal feeder-switches and pole-mounted RTUs relocation on electrical distribution system considering load profile. , 2005, , .		2
2868	Vehicle Crashworthiness Design Via a Surrogate Model Ensemble and a Co-Evolutionary Genetic Algorithm. , 2005, , 899.		7
2869	Chaotic parallel genetic algorithm with feedback mechanism and its application in complex constrained problem. , 0, , .		4
2870	Evolutionary Design of Fuzzy Classifier with Ellipsoidal Decision Regions. , 0, , .		2
2871	The Performance of the DXCS System on Continuous-Valued Inputs in Stationary and Dynamic Environments. , 0, , .		0
2872	Voronoi model-building genetic algorithm. , 0, , .		0
2873	Evolutionary supervision of a dynamical neural network allows learning with on-going weights. , 0, , .		1
2874	Solving MAX-SAT problems using a memetic evolutionary meta-heuristic. , 0, , .		1
2875	Feature Extraction Using Evolutionary Weighted Principal Component Analysis. , 0, , .		3
2876	Optimal and suboptimal finger selection algorithms for MMSE rake receivers in impulse radio ultra-wideband systems. , 0, , .		16
2877	On-line Genetic Fuzzy-neural Sliding Mode Controller Design. , 0, , .		2

#	ARTICLE	IF	CITATIONS
2878	Aggregation method with dynamic search direction for multi-obj ective problems. , 0, , .		0
2879	QoS Routing for Multiple Additive QoS Parameters using Genetic Algorithm. , 0, , .		1
2880	Applying P-cycles to multi-service photonic network. , 0, , .		3
2881	Optimal predicting method of peritoneal fluid absorption rate using genetic algorithm embedded in neural network. , 2005, , .		0
2882	Survival ratio GA for two-evaluation problem in parameter tuning of heat shock response in E. coli. , 0, , .		2
2883	Tabu - local search mechanism for Mega Process genetic algorithm. , 0, , .		1
2884	Towards automatic parameter extraction for surface-potential-based MOSFET models with the genetic algorithm. , 2005, , .		8
2885	A Real-time Computer Vision System for Detecting Defects in Textile Fabrics. , 0, , .		23
2886	Evolutionary design of robust PD sway control of a lifted load for a crane. , 0, , .		0
2887	Genetic Rules to Tune Proportional + Derivative Controllers for Integrative Processes with Time Delays. , 0, , .		0
2888	Digital image filter design using evolvable hardware. , 2005, , .		5
2889	Optimal Design of Bridge and Roof Truss Systems Using Multi-Objective Genetic Algorithms. , 2005, , 1.		1
2890	Adaptive Genetic Algorithm Based Approach for Evolutionary Design and Multi-objective Optimization of Logic Circuits. , 0, , .		6
2891	A Hybrid Approach Based on Artificial Neural Network and Genetic Algorithm for Job-shop Scheduling Problem. , 0, , .		3
2892	Solving the Traveling Salesman Problem through Genetic Algorithms with Changing Crossover Operators. , 0, , .		9
2893	Genetic Algorithms for Minimal Fuel Consumption of Electric Propulsion Space Vehicles. , 0, , .		1
2894	X-ray image segmentation based on genetic algorithm and maximum fuzzy entropy. , 0, , .		4
2895	A solution to the reduced structure control problem. , 0, , .		0

#	ARTICLE	IF	CITATIONS
2896	System Capacity Analysis of Hybrid DS/SFH Spread Spectrum Multiple Access Communication System with BFSK Modulation using Genetic Algorithm. , 2005, , .		1
2897	Evolutionary Algorithm for Inventory Levels Selection in a Distribution Supply Chain. , 0, , .		0
2898	Microfabrication and characterization of evolutionary mems resonators. , 0, , .		5
2899	Designing collective behavior in a group of humans using a real-time polling system and interactive evolution. , 0, , .		5
2900	Genetic CONDENSATION for motion tracking. , 2005, , .		0
2901	A hierarchical parallel placement technique based on genetic algorithm. , 2005, , .		0
2902	A Hybrid Genetic Algorithm for the Resource Constrained Multi-Project Scheduling Problem. , 0, , .		0
2903	Public Enterprise Water Pump Scheduling System. , 0, , .		4
2904	Optimal path planning for an unmanned aerial vehicle. , 0, , .		1
2905	Evolutionary Multiobjective Optimization in Engineering Management: An Empirical Study on Bridge Deck Rehabilitation. , 2005, , .		2
2906	Application of artificial intelligence methods for definition of electric power losses. , 2005, , .		0
2907	Value-at-Risk Analysis for Real Options in Complex Engineered Systems. , 0, , .		9
2908	The effect of varying parameters on performance for adaptive agents in technical equity market trading. , 0, , .		3
2909	The EE-Method, an evolutionary engineering developer tool: neural net character mapping. , 0, , .		0
2910	Using the Master-Slave Parallel Architecture for Genetic-Fuzzy Data Mining. , 0, , .		5
2911	Your Fuzzy Relational Neural Network Parameters Optimization with a Genetic Algorithm. , 0, , .		6
2912	Simulation-Based Optimization Strategy for Liquid Fueled Multi-stage Space Launch Vehicle. , 2005, , .		2
2913	Coordinated Tuning of AVRs and PSSs by Multiobjective Genetic Algorithms. , 0, , .		4

#	Article	IF	Citations
2914	An Evolutionary Approach to the B-RS Controller Design Problem. , 0, , .		0
2915	Evolving aggregation behaviors for swarm robotic systems: a systematic case study. , 0, , .		19
2916	Using Ga-Based Intelligent Control Means to Enhance Human-Machine Interfaces. Intelligent Automation and Soft Computing, 2005, 11, 123-140.	2.1	1
2917	A multi-objective genetic algorithm for on-chip real-time optimisation of word length and power consumption in a pipelined FFT processor targeting a MC-CDMA receiver. , 2005, , .		8
2918	A Fast Nondominated Sorting Algorithm. , 0, , .		3
2919	Convergence of a genetic algorithm for estimating cardiac material properties. , 0, , .		1
2920	A novel approach for spares optimization of complex repairable systems. , 0, , .		1
2921	Gaining features in medicine using various data-mining techniques. , 0, , .		1
2922	Adaptive Array Digital Beamforming Using Complex-Coded Particle Swarm Optimization-Genetic Algorithm. , 0, , .		5
2923	A volumetric 3D model of the human jaw. International Congress Series, 2005, 1281, 1244-1249.	0.2	2
2924	The development of a policy for road tax in Turkey, using a genetic algorithm approach for demand estimation. Transportation Research, Part A: Policy and Practice, 2005, 39, 861-877.	4.2	4
2925	Millimeter wave RF front end design using neuro-genetic algorithms. , 0, , .		3
2926	Modeling and convergence analysis of a continuous multi-objective differential evolution algorithm. , 0, , .		6
2927	Correction to â€œInverse analysis of the role of soil vertical heterogeneity in controlling surface soil state and energy partitionâ€ Journal of Geophysical Research, 2005, 110, .	3.3	2
2928	Bayesian Optimization Algorithm. Studies in Fuzziness and Soft Computing, 0, , 31-48.	0.8	59
2929	Controlled Friction Damping using Optimally Located Structural Joints. , 0, , 335-350.		2
2930	Combustion optimization in the low-temperature diesel combustion regime. International Journal of Engine Research, 2005, 6, 513-524.	2.3	41
2931	Blackout prevention by optimal insertion of FACTS devices in power systems. , 2005, , .		15

#	ARTICLE	IF	CITATIONS
2932	Automatic Feature Extraction and Stereo Image Processing with Genetic Algorithms for LiDAR Data. , 0, , .		0
2933	An Evolvable Antenna Platform Based on Reconfigurable Reflectarrays. , 0, , .		7
2934	2-D Defect Reconstruction from MFL Signals Based on Genetic Optimization Algorithm. , 0, , .		3
2935	Optimization-based PI/PID control for a binary distillation column. , 0, , .		6
2937	Controlling quantum phenomena with photonic reagents. , 2005, , 149-163.		0
2938	Linear Ensemble Antennas Resulting from the Optimization of Log Periodic Dipole Arrays Using Genetic Algorithms. , 0, , .		9
2939	Innovization. , 2006, , .		174
2940	Fuzzy Neural Networks and Genetic Algorithms for Medical Images Interpretation. , 0, , .		9
2941	Family genetic algorithms based on gene exchange and its application. Journal of Systems Engineering and Electronics, 2006, 17, 864-869.	2.2	9
2942	Power transformer equivalent circuit identification by artificial neural network using frequency response analysis. , 2006, , .		14
2943	A Genetic Algorithm Based Approach to Allocation of SVC Considering System Loadability. , 2006, , .		1
2944	Genetic Algorithm Approach Applied to Long Term Generation Expansion Planning. , 2006, , .		2
2945	Hyperspectral Feature Extraction using Selective PCA based on Genetic Algorithm with Subgroups. , 0, , .		7
2946	Tuning of generator excitation systems using meta-heuristics. , 2006, , .		8
2947	Application of Feature Selection and Fuzzy ARTMAP to Intrusion Detection. , 2006, , .		7
2948	A (mu + lambda) - GP Algorithm and its use for Regression Problems. , 2006, , .		3
2949	Optimization of the Operation of Infrastructures. , 0, , .		5
2950	Efficient chromosome encoding and problem-specific mutation methods for the flexible bay facility layout problem. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2006, 36, 495-502.	2.9	13

#	ARTICLE	IF	CITATIONS
2951	Coordinated maintenance scheduling in power system using combined genetic algorithm and simulated annealing. , 2006, , .		1
2952	Improve Production Balance for Apparel Supply Chain Adopting VMI Replenishment Strategy. , 2006, , .		2
2953	A linguistic Strategy Model Combined with Genetic Algorithms for Promotion Mix Choice. , 2006, , .		1
2954	Hybrid optimization algorithm for scheduling decision support. , 2006, , .		0
2955	A Note on Particle Swarm Optimization: An integrated and theoretical approach. , 2006, , .		2
2956	Self-learning control of cooperative motion for a humanoid robot. , 0, , .		1
2957	Adaptive Genetic Hybrids for Order Review and Release into Production. , 2006, , .		0
2958	Optimal Route in Distribution of Telecommunications Networks Based on Genetic Algorithm with Integer Chromosomes, a Practical Application. , 0, , .		0
2959	A Genetic Algorithm to Design Error Correcting Codes. , 0, , .		1
2960	Automata Construct with Genetic Algorithm. , 2006, , .		5
2961	An Adaptive Evolutionary Algorithm for Production Planning in Wood Furniture Industry. , 2006, , .		3
2962	An Oriented Convergent Mutation Operator for Solving a Scalable Convergent Demand Responsive Transport Problem. , 2006, , .		2
2963	Optimization of multilayer wear-resistant thin films using finite element analysis on stiff and compliant substrates. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2006, 24, 146-155.	2.1	14
2964	A Fast and Efficient Method for Frequency Deviation Measurement Based on Genetic Algorithms using a FPGA Approach. , 2006, , .		1
2965	Evaluation of a Network Extraction Topology Algorithm for Reducing Search Space of a GA-based Routing Approach. , 2006, , .		4
2966	An Adaptive Genetic-Based Architecture for the On-line Co-ordination of Fuzzy Embedded Agents with Multiple Objectives and Constraints. , 2006, , .		0
2967	Computing 4-Fingered Force-Closure Grasps from surface Points Using Genetic Algorithm. , 2006, , .		2
2968	An Evolutionary Algorithm Approach to Estimate the Parameters of Power Quality Signals. , 2006, , .		3

#	ARTICLE	IF	CITATIONS
2969	Integrating Genetic Algorithms with Conditional Random Fields to Enhance Question Informer Prediction. , 2006, , .		6
2970	A Continuous-Time Delta-Sigma Modulator for 802.11a/b/g WLAN Implemented with a Hierarchical Bottom-up Optimization Methodology. , 2006, , .		2
2971	Fixture-scheduling for the Australian Football League using a Multi-Objective Evolutionary Algorithm. , 0, , .		2
2972	A Genetic Algorithm to Design Logical Topologies with Low Congestion in Reconfigurable WDM Networks. , 2006, , .		0
2973	Blended Rank Evolutionary Algorithm for the Constrained Multiobjective Crop Rotation Problem. , 2006, , .		0
2974	Evolutionary Design of OAB and AAB Communication Schedules for Networking Systems on Chips. , 0, , .		0
2975	Carton Box Optimization Problem of VMI-based Apparel Supply Chain. , 2006, , .		4
2976	Bandwidth Allocation Scheme for Multimedia Mobile Networks Using Optimization Techniques. , 2006, , .		4
2977	Rescheduling In The Urban Transportation Networks. , 2006, , .		2
2978	Study on self-optimizing system of key parameters for complex machine products. , 2006, , .		0
2979	Bushing Fault Detection and Diagnosis using Extension Neural Network. , 0, , .		11
2980	A Hybrid CFGTSA Based Approach for Scheduling Problem: A Case Study of an Automobile Industry. , 2006, , .		0
2981	IIDLE: An Immunological Inspired Distributed Learning Environment for Multiple Objective and Hybrid Optimisation. , 0, , .		4
2982	Pitching Stability Analysis and Control for Underwater Maglev Linear Motor Vehicle ME02. , 2006, , .		2
2983	Evolutionary Colorization of Grayscale Images. , 2006, , .		0
2984	Creating Fuzzy Decision Algorithms Using Genetic Program Based Data Mining Program. , 2006, , .		0
2985	Historical and current machine intelligence. IEEE Instrumentation and Measurement Magazine, 2006, 9, 20-26.	1.6	8
2987	A New Simulation-Based Property Checking Algorithm Based on Partitioned Alternative Search Space Traversal. IEEE Transactions on Computers, 2006, 55, 1325-1334.	3.4	2

#	Article	IF	Citations
2988	Opposition-Based Differential Evolution for Optimization of Noisy Problems. , 0, , .		65
2989	Optimization of a Sun-Sensor Illumination Pattern using Genetic Algorithms. , 2006, , .		1
2990	Genetic Algorithm for Inventory Lot-Sizing with Supplier Selection Under Fuzzy Demand and Costs. Lecture Notes in Computer Science, 2006, , 1100-1110.	1.3	9
2991	Controlling food web structure by optimization of a community assembly model. Ecological Informatics, 2006, 1, 125-131.	5.2	2
2992	Optimal Strategies of the Iterated Prisoner's Dilemma Problem for Multiple Conflicting Objectives. , 2006, , .		4
2993	An Automatic Technique to Synthesize Avionics Architecture. , 2006, , .		1
2994	Simultaneous Stabilization of Multimachine Power System Using Genetic Algorithm Based Power System Stabilizers. , 2006, , .		12
2995	Digital ecosystems. , 2006, , .		68
2996	Design of two-dimensional zero reference codes with a genetic algorithm. Optics Letters, 2006, 31, 1648.	3.3	11
2997	Near Field-Far Field Transformation for Loops Based on Genetic Algorithm. , 2006, , .		14
2998	A new acceleration technique for the design of fibre gratings. Optics Express, 2006, 14, 10715.	3.4	13
2999	Target Recognition Based on Rough Set and Data Fusion in Remote Sensing Image. , 2006, , .		1
3000	Real Coded Genetic Algorithm Compared to the Classical Method of Fast Fourier Transform in Harmonics Analysis. , 2006, , .		2
3001	Learning with misspecification in an artificial currency market. Journal of Economic Behavior and Organization, 2006, 60, 70-84.	2.0	17
3002	Enhancing gradient-based parameter estimation with an evolutionary approach. Journal of Hydrology, 2006, 316, 266-280.	5.4	6
3003	Constrained Nonlinear Multi-objective Predictive Control. , 2006, , .		1
3004	A Bayesian Optimization Algorithm for Nurse Scheduling. SSRN Electronic Journal, 2006, , .	0.4	0
3005	Experiments on Estimation of the Parameters of Gielis Super-Formula by Simulated Annealing Method of Optimization. SSRN Electronic Journal, 2006, , .	0.4	4

#	ARTICLE	IF	CITATIONS
3006	DESIGN, ANALYSIS AND OPTIMIZATION OF V-DIPOLE AND ITS THREE-ELEMENT YAGI-UDA ARRAY. Progress in Electromagnetics Research, 2006, 66, 137-156.	4.4	33
3007	Life-Cycle Cost Design Using Improved Multi-Objective Genetic Algorithm. , 2006, , 1.		1
3008	A Collaborative Interactive Genetic Algorithm Framework for Mixed-Initiative Interaction with Human and Simulated Experts: A Case Study in Long-Term Groundwater Monitoring Design. , 2006, , 1.		4
3009	How effective and efficient are multiobjective evolutionary algorithms at hydrologic model calibration?. Hydrology and Earth System Sciences, 2006, 10, 289-307.	4.9	174
3010	Genetic Algorithm Based Control System Design of a Self-Excited Induction Generator. Acta Polytechnica, 2006, 46, .	0.6	4
3011	A family of distributed double guided genetic algorithm for Max_CSPs. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2006, 10, 363-376.	1.0	12
3012	GENETIC ALGORITHMS IN THE INFRASTRUCTURE PLANNING : OPTIMIZATION AND ADAPTIVE LEARNING. Doboku Gakkai Ronbunshuu D, 2006, 62, 505-518.	0.0	3
3013	Math-Based Design of Sensing Bladders. , 2006, , .		0
3014	Design Optimization of Induction Motor by Genetic Algorithm and Comparison with Existing Motor. Mathematical and Computational Applications, 2006, 11, 193-203.	1.3	44
3015	A PROPOSAL OF DPSO-BASED MULTIPLE OPTIMAL SOLUTION STRATEGY AND ITS APPLICATION TO OPTIMIZATION DESIGN OF RC SLAB UNDER IMPACT LOAD. Doboku Gakkai Ronbunshuu F, 2006, 62, 419-432.	0.1	0
3016	Stream flow forecasting by artificial neural network (ANN) model trained by real coded genetic algorithm (GA). Journal of Groundwater Hydrology, 2006, 48, 233-262.	0.1	5
3017	Scheduling Scientific Workflow Applications with Deadline and Budget Constraints Using Genetic Algorithms. Scientific Programming, 2006, 14, 217-230.	0.7	281
3018	Evolutionary multi-objective optimization of the design and operation of water distribution network: total cost vs. reliability vs. water quality. Journal of Hydroinformatics, 2006, 8, 165-179.	2.4	131
3020	An Adaptive Technique for Minimizing Rate of Sensory Data Transmission in Unmanned Aerial Vehicles. Advanced Sciences and Technologies for Security Applications, 2006, , 185-203.	0.5	0
3021	Combining advantages of new chromosome representation scheme and multi-objective genetic algorithms for better clustering. Intelligent Data Analysis, 2006, 10, 163-182.	0.9	39
3023	Numerical Simulation of Planar X-Ray Waveguides with Low-Z Cladding Layers. Bunseki Kagaku, 2006, 55, 447-452.	0.2	0
3024	Enzymatic hydrolysis of waste paper: process optimization using response surface methodology. Studies in Surface Science and Catalysis, 2006, , 121-124.	1.5	2
3025	Web process and workflow path mining using the Multimethod approach. International Journal of Business Intelligence and Data Mining, 2006, 1, 304.	0.2	18

#	Article	IF	Citations
3026	Evolution of industrial automation. International Journal of Computer Applications in Technology, 2006, 25, 169.	0.5	10
3027	Semi-deterministic versus genetic algorithms for global optimisation of multichannel optical filters. International Journal of Computational Science and Engineering, 2006, 2, 170.	0.5	16
3028	Neural network and genetic programming for modelling coastal algal blooms. International Journal of Environment and Pollution, 2006, 28, 223.	0.2	310
3029	Projection pursuit cluster model based on genetic algorithm and its application in Karstic water pollution evaluation. International Journal of Environment and Pollution, 2006, 28, 253.	0.2	16
3030	Optimisation of surface roughness with GA approach in turning 15% SiC<SUB align=right>p reinforced AlSi7Mg2 MMC material. International Journal of Machining and Machinability of Materials, 2006, 1, 476.	0.1	3
3031	Self-organisation of sensor networks using genetic algorithms. International Journal of Sensor Networks, 2006, 1, 241.	0.4	27
3032	Metaswarm: Enhanced evolutionary algorithms for electromagnetic optimization. , 2006, , .		0
3033	Multi-Objective Design Problem of Tire Wear and Visualization of Its Pareto Solutions2. Tire Science and Technology, 2006, 34, 170-194.	0.4	14
3034	Chapter 2 Head–eye movement control model based on genetically selected neural network. Supplements To Clinical Neurophysiology, 2006, 58, 10-15.	2.1	0
3035	An approach to implicit modelling for complex process optimization. Computer Aided Chemical Engineering, 2006, 21, 683-688.	0.5	0
3036	MASSP3: A System for Predicting Protein Secondary Structure. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.7	1
3037	Optimal design of Fresnel lens for a reading light system with multiple light sources using three-layered hierarchical genetic algorithm. , 2006, , .		0
3038	Hybrid evolutionary algorithms for network-centric command and control. , 2006, , .		2
3039	METHODOLOGY OF OUTSOURCING DESIGN AND ENGINEERING PROCESS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 783-788.	0.4	1
3040	ANTI-WINDUP SYNTHESIS FOR NONLINEAR DYNAMIC INVERSION CONTROLLERS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 471-476.	0.4	14
3041	DESIGNING FDI OBSERVERS BY IMPROVED EVOLUTIONARY MULTI-OBJECTIVE OPTIMIZATION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 557-562.	0.4	2
3042	Cournot or Walras? Long-Run Results in Oligopoly Games. Journal of Institutional and Theoretical Economics, 2006, 162, 702.	0.2	9
3043	Gene Expression Programming and Artficial Neural Network Approaches for Event Selection in High Energy Physics. , 2006, , .		1

#	Article	IF	Citations
3044	Optimal Deployment of Distributed Passive Measurement Monitors. , 2006, , .		8
3045	Rational Design of Measurement Systems using Information Science. , 2006, , 37.		7
3046	A new fine-grained evolutionary algorithm based on cellular learning automata. International Journal of Hybrid Intelligent Systems, 2006, 3, 83-98.	1.2	21
3047	APPLICATION OF THE PARTICLE SWARM OPTIMIZATION TO THE INVERSE THERMAL ANALYSIS FOR THE MASS CONCRETE STRUCTURES. Doboku Gakkai Ronbunshuu E, 2006, 62, 107-118.	0.1	0
3048	Index assignment for MDVQ over memoryless binary symmetric channel with packet erasure. IEICE Electronics Express, 2006, 3, 1-4.	0.8	9
3049	Identification of dimensional variation patterns on compliant assemblies. Journal of Manufacturing Systems, 2006, 25, 65-76.	13.9	17
3050	Optimization of unbalanced multi-stage logistics systems based on priifer number and effective capacity coding. Tsinghua Science and Technology, 2006, 11, 96-101.	6.1	9
3051	Frequency estimation of undamped exponential signals using genetic algorithms. Computational Statistics and Data Analysis, 2006, 51, 1965-1985.	1.2	6
3052	Radial distribution function descriptors: anÂalternative forÂpredicting A2ÂA adenosine receptors agonists. European Journal of Medicinal Chemistry, 2006, 41, 56-62.	5.5	21
3053	Genetic algorithms in logic tree decision modeling. European Journal of Operational Research, 2006, 170, 597-612.	5.7	7
3054	A hybrid genetic algorithm for the Three-Index Assignment Problem. European Journal of Operational Research, 2006, 172, 249-257.	5.7	38
3055	Using a genetic algorithm to register an uncalibrated image pair to a 3D surface model. Engineering Applications of Artificial Intelligence, 2006, 19, 269-276.	8.1	13
3056	Solving terminal assignment problems with groups encoding: The wedding banquet problem. Engineering Applications of Artificial Intelligence, 2006, 19, 569-578.	8.1	7
3057	A GAs based approach for mining breast cancer pattern. Expert Systems With Applications, 2006, 30, 674-681.	7.6	54
3058	XQuery speedup by deploying structural redundancy in mapping XML into relations. Information and Software Technology, 2006, 48, 12-30.	4.4	0
3059	Regression for ordinal variables without underlying continuous variables. Information Sciences, 2006, 176, 465-474.	6.9	46
3060	Concurrent optimal adjustment of nominal dimensions and selection of tolerances considering alternative machines. CAD Computer Aided Design, 2006, 38, 1074-1087.	2.7	8
3061	A quadratic empirical model formulation for dynamical systems using a genetic algorithm. Computers and Mathematics With Applications, 2006, 51, 431-440.	2.7	4

#	ARTICLE	IF	CITATIONS
3062	Global Optimization for Possibly Time-Dependent Cost Functions by a Population Set-Based Algorithm with Births Control. Computers and Mathematics With Applications, 2006, 52, 1145-1164.	2.7	0
3063	Model predictive control for in situ bioremediation system. Advances in Engineering Software, 2006, 37, 514-521.	3.8	14
3064	A multiobjective optimization solver using rank-niche evolution strategy. Advances in Engineering Software, 2006, 37, 684-699.	3.8	13
3065	Calibration framework for a Kalman filter applied to a groundwater model. Advances in Water Resources, 2006, 29, 719-734.	3.8	38
3066	Optimal motion planning for nonholonomic systems using genetic algorithm with wavelet approximation. Applied Mathematics and Computation, 2006, 180, 76-85.	2.2	11
3067	Multicriteriaâ€"multistage planning for the optimal path selection using hybrid genetic algorithms. Applied Mathematics and Computation, 2006, 180, 549-558.	2.2	7
3068	Multi-criteria sequencing problem for a mixed-model assembly line in a JIT production system. Applied Mathematics and Computation, 2006, 181, 1471-1481.	2.2	56
3069	Two storage inventory model with random planning horizon. Applied Mathematics and Computation, 2006, 183, 1084-1097.	2.2	28
3070	Multi-period steam turbine network optimisation. Part I: Simulation based regression models and an evolutionary algorithm for finding D-optimal designs. Applied Thermal Engineering, 2006, 26, 993-1000.	6.0	14
3071	Spatial correlation genetic algorithm for fractal image compression. Chaos, Solitons and Fractals, 2006, 28, 497-510.	5.1	49
3072	Pattern classification by concurrently determined piecewise linear and convex discriminant functions. Computers and Industrial Engineering, 2006, 51, 79-89.	6.3	6
3073	Genetic algorithm in designing fuzzy information retrieval-based classifier by principal component analysis. Computers and Industrial Engineering, 2006, 51, 117-127.	6.3	8
3074	A multiobjective and fixed elements based modification of the evolutionary structural optimization method. Computer Methods in Applied Mechanics and Engineering, 2006, 196, 76-90.	6.6	18
3075	Coupling of a mapping method and a genetic algorithm to optimize mixing efficiency in periodic chaotic flows. Communications in Nonlinear Science and Numerical Simulation, 2006, 11, 413-423.	3.3	8
3076	Increasing revenues via adaptive filtering in wired/wireless networks. Computer Networks, 2006, 50, 1261-1280.	5.1	2
3077	A novel select-best and prepotency evolution algorithm and its application to develop industrial oxidation reaction macrokinetic model. Computers and Chemical Engineering, 2006, 30, 807-815.	3.8	9
3079	Genetically controlled random search: a global optimization method for continuous multidimensional functions. Computer Physics Communications, 2006, 174, 152-159.	7.5	11
3080	A knowledge acquisition method for determining utilities of linguistic values for product factors. European Journal of Operational Research, 2006, 174, 945-958.	5.7	4

#	Article	IF	Citations
3081	Multiaxial fatigue life prediction for a natural rubber. International Journal of Fatigue, 2006, 28, 530-539.	5.7	101
3082	Effective-use method of exhaust heat for distributed fuel cells. International Journal of Hydrogen Energy, 2006, 31, 981-993.	7.1	4
3083	The hot-water piping route of a fuel cell energy network with a concentration installing method. International Journal of Hydrogen Energy, 2006, 31, 1807-1818.	7.1	7
3084	Quantum Monte Carlo study of superconductivity in the two-leg ladder and low dimensional correlated systems. Physica C: Superconductivity and Its Applications, 2006, 445-448, 87-89.	1.2	0
3085	Significance of classification scores subsequent to feature selection. Pattern Recognition Letters, 2006, 27, 1702-1709.	4.2	2
3086	An integrated modeling mechanism for optimizing the simulation model of the construction operation. Automation in Construction, 2006, 15, 327-340.	9.8	11
3087	Parallel evolution strategy on grids for the protein threading problem. Journal of Parallel and Distributed Computing, 2006, 66, 1489-1502.	4.1	7
3088	Spectral line decomposition and frequency shifts in Al HeÎ± group emission from laser-produced plasma. Journal of Quantitative Spectroscopy and Radiative Transfer, 2006, 99, 523-536.	2.3	18
3089	Reinforcement genetic approach to coefficient estimation for multivariable nonlinear discrete-time dynamical systems. Journal of Sound and Vibration, 2006, 297, 382-390.	3.9	0
3090	An evolutionary blind image deconvolution algorithm through the pseudo-Wigner distribution. Journal of Visual Communication and Image Representation, 2006, 17, 1040-1052.	2.8	9
3091	Model based interpretation of survey data: A case study of enterprise resource planning implementations. Mathematical and Computer Modelling, 2006, 44, 16-29.	2.0	13
3092	A class of multiobjective linear programming model with fuzzy random coefficients. Mathematical and Computer Modelling, 2006, 44, 1097-1113.	2.0	51
3093	Synthesis of binary test sequences with good spectral properties using an evolutionary algorithm. Measurement: Journal of the International Measurement Confederation, 2006, 39, 245-251.	5.0	7
3094	Evaluation functions synthesis for optimal design of hyper-redundant robotic systems. Mechanism and Machine Theory, 2006, 41, 1196-1212.	4.5	12
3095	Performance evaluation of an intelligent CAC and routing framework for multimedia applications in broadband networks. Journal of Computer and System Sciences, 2006, 72, 1183-1200.	1.2	25
3096	Optimal time aggregation of infinite horizon control problems. Journal of Economic Dynamics and Control, 2006, 30, 569-593.	1.6	6
3097	The use of entropy minimization for the solution of blind source separation problems in image analysis. Pattern Recognition, 2006, 39, 1066-1073.	8.1	16
3098	Decomposing parameters of mixture Gaussian model using genetic and maximum likelihood algorithms on dental images. Pattern Recognition Letters, 2006, 27, 1522-1536.	4.2	13

#	Article	IF	Citations
3099	A genetic system based on simulated crossover of sequences of two-bit genes. Theoretical Computer Science, 2006, 367, 324-335.	0.9	6
3100	Neural networks and modelling in vacuum science. Vacuum, 2006, 80, 1107-1122.	3.5	6
3101	Linear Programming and Genetic Algorithms Methods for Creation of Groups in Networks of Excellence. CIRP Annals - Manufacturing Technology, 2006, 55, 143-146.	3.6	7
3102	A genetic algorithm for finding a salesman's route. Journal of Computer and Systems Sciences International, 2006, 45, 89-95.	0.6	4
3103	Genetic algorithm for solution of the inverse problem in high-resolution X-ray reflectometry. Crystallography Reports, 2006, 51, 570-576.	0.6	5
3104	Introducing lateral thinking in search engines. Genetic Programming and Evolvable Machines, 2006, 7, 9-31.	2.2	11
3105	Enhanced performance for multivariable optimization problems by use of GAs with recessive gene structure. Artificial Life and Robotics, 2006, 10, 11-17.	1.2	1
3106	Attenuation and Velocity Structure for Site Response Analyses via Downhole Seismogram Inversion. Pure and Applied Geophysics, 2006, 163, 81-118.	1.9	41
3108	Genetic algorithms for linear feature extraction. Pattern Recognition Letters, 2006, 27, 1508-1514.	4.2	15
3109	An adaptive reduction scheme to model reactive flow. Combustion and Flame, 2006, 144, 619-633.	5.2	51
3110	Application of genetic algorithms and thermogravimetry to determine the kinetics of polyurethane foam in smoldering combustion. Combustion and Flame, 2006, 146, 95-108.	5.2	200
3111	Efficient heuristic algorithms for correcting the Cascade Vulnerability Problem for interconnected networks. Computer Communications, 2006, 29, 2109-2122.	5.1	2
3112	Clustering e-commerce search engines based on their search interface pages using WISE-Cluster. Data and Knowledge Engineering, 2006, 59, 231-246.	3.4	13
3113	An evolutionary programming algorithm for continuous global optimization. European Journal of Operational Research, 2006, 168, 354-369.	5.7	18
3114	Optimization and analysis aid via data-mining for simulated production systems. European Journal of Operational Research, 2006, 173, 827-838.	5.7	35
3115	Nonlinear inversion of potential-field data using a hybrid-encoding genetic algorithm. Computers and Geosciences, 2006, 32, 230-239.	4.2	19
3116	Strategies for unsupervised multimedia processing. IEEE Computational Intelligence Magazine, 2006, 1, 27-40.	3.2	2
3117	Hybrid Iterative Multiuser Detection for Channel Coded Space Division Multiple Access OFDM Systems. IEEE Transactions on Vehicular Technology, 2006, 55, 115-127.	6.3	38

#	Article	IF	Citations
3118	Evolved neural networks based on cellular automata for sensory-motor controller. Neurocomputing, 2006, 69, 2193-2207.	5.9	13
3119	Search Performance Quantification on Evolutionary Algorithm -Derivation and Application of Times of Improved Solutions. , 2006, , .		0
3120	Multi-Objective Decision Making for Vehicle Routing Problem with Fuzzy Due Time. , 2006, , .		1
3121	Buffer Size Decision for the Flexible Transfer Line with Rework Paths Using Genetic Algorithms. , 2006, , .		1
3122	A Solving Method for Message Filtering Mechanism of CAN System Based on Distributed Genetic Algorithm. , 2006, , .		2
3123	Interactive Evolutionary CAD System for MEMS Layout Synthesis. , 2006, , .		1
3124	Evolutionary Tuning of Non-parametric Information Conversion Functions for Diagnostics. , 2006, , .		0
3125	Soft Computing Techniques for Determining the Effective Young's Modulus of Materials in Thin Films. , 2006, , .		0
3126	Methods of Search of Decisions of Tasks in Consulting Models. , 2006, , .		0
3127	Electrical Energy Consumption Estimation by Genetic Algorithm. , 2006, , .		13
3128	Genetic design and optimization of military antennas. , 2006, 6228, 300.		1
3129	Solving the Dynamic Plant Layout Problem using a new hybrid meta-heuristic algorithm. International Journal of High Performance Computing and Networking, 2006, 4, 286.	0.4	15
3130	Solving the Multi-Objective Facility Layout Problem Using Evolutionary Multi-Objective Optimization Algorithms. , 2006, , 547.		2
3131	An Efficient Algorithm for Vehicle Crashworthiness Design Via Crash Mode Matching. , 2006, , 141.		2
3132	Applications of Genetic Algorithms in Process-Planning: Tool Sequence Selection for 2.5D Pocket Machining. , 2006, , 217.		0
3133	Study on Function Optimization Based on Master-slave Structure Genetic Algorithm. , 2006, , .		4
3134	Signal link-path characterization up to 20 GHz based on a stripline structure. , 2006, , .		9
3135	Gene Expression Programming Software Application for High Energy Physics Data Analysis. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
3136	Design of GA-based Fuzzy Control for Ship Steering. , 2006, , .		5
3137	Evolutionary Multiobjective Optimization in Engineering Management: An Empirical Application in Infrastructure Systems. , 2006, , .		1
3138	MEMS design synthesis: integrating case-based reasoning and multi-objective genetic algorithms. , 2006, 6414, 332.		8
3139	Application of A Simple Genetic Algorithm to the Stability of Slopes Subjected to Pore-Water Pressure. , 2006, , .		0
3140	An artificial intelligence approach to portfolio selection and management. International Journal of Financial Services Management, 2006, 1, 243.	0.1	12
3141	Application of Heuristic Algorithms for Multiuser Detection. , 2006, , .		8
3142	BMP Decision Support System for Evaluating Watershed-Based Stormwater Management Alternatives. , 2006, , 1.		1
3143	Aquifer Heterogeneity Estimation and Uncertainty Analysis Using a Multi-Parameterization Method. , 2006, , 1.		0
3144	Model-Based Control of Renewable Energy Systems in Buildings. HVAC and R Research, 2006, 12, 739-760.	0.6	27
3145	Intervention in Probabilistic Gene Regulatory Networks. Current Bioinformatics, 2006, 1, 167-184.	1.5	21
3146	Evolutionary interactive music composition. , 2006, , .		8
3147	Interactive Multi-Objective Inverse Groundwater Modeling â€" Formulation and Addressing User Fatigue. , 2006, , 1.		1
3148	Evolving artificial cell signaling networks using molecular classifier systems. , 2006, , .		1
3149	Using pattern search methods for surface structure determination of nanomaterials. Journal of Physics Condensed Matter, 2006, 18, 8693-8706.	1.8	41
3150	Simulation and optimization in 1,3-butadiene process from C4-CUT using genetic algorithm. Computer Aided Chemical Engineering, 2006, , 901-906.	0.5	3
3151	Evolutionary System Identification of Coupled Shear-Flexural Response for Seismic Damage Detection. , 2006, , 1.		0
3152	Yield-area optimizations of digital circuits using non-dominated sorting genetic algorithm (YOGA). , 2006, , .		3
3153	Game theory as a new paradigm for phenotype characterization of genetic algorithms. , 2006, , .		4

#	Article	IF	Citations
3154	An intelligent method for modulation type identification. , 2006, , .		2
3155	Reconstruction of Cracks from Eddy Current Signals Using Genetic Algorithm and Fuzzy Logic. AIP Conference Proceedings, 2006, , .	0.4	1
3156	Determining Optimal Filters for Binarization of Degraded Characters in Color Using Genetic Algorithms. , 2006, , .		9
3157	Modeling of Morphological Changes by Surface Diffusion in Silicon Trenches. ECS Transactions, 2006, 2, 363-374.	0.5	12
3158	Effects of Local Search Algorithms on Groundwater Remediation Optimization Using a Self-Adaptive Hybrid Genetic Algorithm. Journal of Computing in Civil Engineering, 2006, 20, 420-430.	4.7	6
3159	Membrane-Based Forms for Innovative FRP Bridge Systems through Structural Optimization. Journal of Composites for Construction, 2006, 10, 453-461.	3.2	4
3160	Improvement on Robots Positioning Accuracy Based on Genetic Algorithm. , 2006, , .		1
3161	Visualizing Search and Solution Spaces in the Optimum Design of Biaxial Columns. Journal of Computing in Civil Engineering, 2006, 20, 88-98.	4.7	10
3162	Comparison of Artificial Life Techniques for Market Simulation. , 2006, , .		2
3163	Quantitative detection and identification methods for microbial spoilage. , 2006, , 3-27.		5
3164	The Estimation of Minimum-Misfit Stochastic Models from Empirical Ground-Motion Prediction Equations. Bulletin of the Seismological Society of America, 2006, 96, 427-445.	2.3	46
3166	Towards a Fast Evolutionary Algorithm for Clustering. , 0, , .		27
3167	A multilayered shielded microwave circuit design method based on genetic algorithms and neural networks. , 2006, , .		2
3168	Non-holonomic Path Planning of Space Robot Based On Genetic Algorithm. , 2006, , .		6
3169	Hardware Implementation of Dynamic Synapse Neural Networks for Acoustic Sound Recognition. , 2006, , .		3
3170	Inferring functional coupling of proteins using the Evolutionary Bond Energy Algorithm. , 2006, , .		0
3171	Input Selection for TSK Fuzzy Model based on Modified Mountain Clustering. , 2006, , .		9
3173	Genetic Algorithms with Scalable I/O Macromodels to Find the Worst Case Corner in High-Speed Server Electrical Analysis. , 2006, , .		2

#	ARTICLE	IF	CITATIONS
3174	A wide-band lumped element compact CAD model of Si-based planar spiral inductor for RFIC design. , 2006, , .		6
3175	Minimal Fuel Consumption of Electric Propulsion Space Vehicles for Deep Space Exploration. , 0, , .		0
3176	On the Global Convergence of univariate-Dynamic Encoding Algorithm for Searches (uDEAS). , 2006, , .		2
3177	Design of Mixed Fuzzy-GA Controller For SCARA Type Robot. , 2006, , .		0
3178	An Image Metric-Based ATR Performance Prediction Testbed. IEEE Applied Imagery and Pattern Recognition Workshop, 2006, , .	0.0	11
3179	Word-Length Oriented Multiobjective Optimization of Area and Power Consumption in DSP Algorithm Implementation. , 0, , .		5
3180	Optimal Placement of a Wall-Tank Magnetic Shunt in a Transformer Using FE Models and a Stochastic-Deterministic Approach. , 0, , .		4
3181	VAR planning in distribution systems via genetic operators. , 2006, , .		0
3182	PIGA: Partitioned Inverted Index Using Genetic Algorithm. , 2006, , .		0
3183	Adaptive Matching of Antenna Input. , 0, , .		0
3184	Optimization of Position Control of Induction Motors using Compact Genetic Algorithms. Industrial Electronics Society (IECON), Annual Conference of IEEE, 2006, , .	0.0	2
3185	An Efficient Task Scheduling Technique in Heterogeneous Systems Using Self-Adaptive Selection-Based Genetic Algorithm. , 0, , .		1
3186	Integration of Artificial Neural Networks and Genetic Algorithm to Predict Electrical Energy consumption. Industrial Electronics Society (IECON), Annual Conference of IEEE, 2006, , .	0.0	92
3187	Low-Thrust Mission Trade Studies with Parallel, Evolutionary Computing. , 0, , .		3
3188	Evolving High-Performance Evolutionary Computations for Space Vehicle Design. , 0, , .		1
3189	Protein Threading using Parallel Evolution Strategy. , 0, , .		1
3190	Ergonomic Design of an Optimal Hindi Keyboard for Convenient Use. , 0, , .		3
3191	On the Application of Genetic Algorithms in Underwater Explosive Charges Optimization. International Journal for Computational Methods in Engineering Science and Mechanics, 2006, 8, 1-9.	2.1	6

#	ARTICLE	IF	CITATIONS
3192	Genetic Fuzzy Gain Schedule for a Non-Linear Valve. , 2006, , .		1
3193	Model-Adaptable MOSFET Parameter Extraction With A Hybrid Genetic Algorithm. , 2006, , .		2
3194	Robust VQ-Based Digital Image Watermarking for Noisy Channel. , 0, , .		3
3195	Application of Self-Adaptive Genetic Algorithm on Allocating International Demand to Global Production Facilities. , 2006, , .		2
3196	A Research on Weight Acquisition of Weighted Fuzzy Production Rules Based on Genetic Algorithm. , 2006, , .		0
3197	An Improved Genetic Algorithm for Spatial Clustering. , 2006, , .		3
3198	A Geno-Hydra Control System: Design and Tuning Hybrid Controller based on Hydra Control Structure by using Genetic Algorithms. , 2006, , .		0
3199	GA-Aided Elman Neural Network Controller For Behavior-Based Robot. , 2006, , .		2
3200	A Genetic Algorithm Method for Sensor Data Assimilation and Source Characterization. , 2006, , .		2
3201	A Novel Fisher Discriminant Approach Based on Genetic Algorithm. , 2006, , .		1
3202	Considering BGP Routing for the Network Planing of Uncertain Traffic Demands. , 2006, , .		0
3203	Adaptive Neural Network Control for Piezoelectric Hysteresis Compensation in A Positioning System. , 2006, , .		11
3204	Multiobject Decision-Making Model for Virtual Enterprise Partners Selection. , 2006, , .		0
3206	An Adaptive Fitness Function for Evolutionary Algorithms Using Heuristics and Prediction. , 2006, , .		2
3207	A New Recombination Scheme for Diploid Genetic Algorithms. , 2006, , .		1
3208	Ovarian Cancer Diagnosis Using Fuzzy Neural Networks Empowered By Evolutionary Clustering Technique. , 0, , .		1
3209	Rapid Evolution of Time-Efficient Packet Classifiers. , 0, , .		8
3210	A Scheduling Holon Model with Time Petri Net and Its Solution With A Novel PSO-GA Algorithm. , 2006, , .		0

#	Article	IF	Citations
3211	Deformation Correction in Brain MRI Using Mutual Information and Genetic Algorithm. , 2007, , .		3
3212	MONACO - Multi-Objective National Airspace Collaborative Optimization. , 2007, , .		2
3213	Sequential Pattern Mining: Optimum Maximum Sequential Patterns and Consistent Sequential Patterns. , 2007, , .		1
3214	PCNM: A New Platform for Cellular Networks Measurements and Optimization. , 2007, , .		0
3215	Image Segmentation with Multi-Scale GVF Snake Model Based on B-Spline Wavelet. , 2007, , .		8
3216	Use of a Genetic Algorithm to Identify Source Code Metrics Which Improves Cognitive Complexity Predictive Models. , 2007, , .		3
3217	A camera calibration method based on neural network optimized by genetic algorithm. , 2007, , .		5
3218	Genetic Algorithm as Discrete-Time Filter Solver. , 2007, , .		0
3219	Final design interpretation of the complex-shaped beam optimizations for compliant mechanisms. , 2007, , .		0
3220	Frequent Pattern Mining using Bipartite Graph. , 2007, , .		4
3221	Design of a Passive Biobarrier System for Chromium Containment in Confined Aquifers. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2007, 11, 216-224.	0.4	3
3222	Application of Genetic Algorithms to Sorting, Swapping and Shimming of the SOLEIL Undulator Magnets. AIP Conference Proceedings, 2007, , .	0.4	9
3223	Using Optimisation Techniques to Granulise Rough Set Partitions. AIP Conference Proceedings, 2007, , .	0.4	10
3224	Introduction to genetic algorithms. , 2007, , .		6
3225	Homogeneous genetic algorithms. , 2007, , .		1
3226	Evaluation of spatially variable control parameters in a complex catchment modelling system: a genetic algorithm application. Journal of Hydroinformatics, 2007, 9, 163-173.	2.4	34
3227	Adaptive and controllable compliant systems with embedded actuators and sensors. , 2007, 6525, 504.		2
3228	Fan-shape optimisation using CFD and genetic algorithms for increasing the efficiency of electric motors. International Journal of Computer Applications in Technology, 2007, 30, 47.	0.5	0

#	Article	IF	Citations
3229	A Hybrid Intelligent Algorithm for Product Optimization Configuration. , 2007, , .		1
3230	Light Integration of Path Consistency for Solving CSPs. , 2007, , .		2
3231	Particle swarm optimisation enhancement approach for improving image quality. International Journal of Innovative Computing and Applications, 2007, 1, 138.	0.2	28
3232	Vendor selection in a supply chain using analytic hierarchy process and genetic algorithm methods. International Journal of Services and Operations Management, 2007, 3, 355.	0.2	43
3233	Hybrid algorithm for identifying the nanomechanical properties of materials and thin films: application to tribological transfer films. International Journal of Surface Science and Engineering, 2007, 1, 213.	0.4	3
3234	Study on Solution Method for Random Assignment Problem Based on Genetic Algorithm. , 2007, , .		0
3235	Photometric Invariant Projective Registration Using ECC Maximization. , 2007, , .		0
3236	Time Series Analysis Using GA Optimized Neural Networks. , 2007, , .		1
3237	On the PID control of systems with large delays. International Journal of Modelling, Identification and Control, 2007, 2, 66.	0.2	14
3238	A Clause Learning Algorithm Combining Immune Mechanism to Invent Predicate. , 2007, , .		1
3239	Evolutionary design search, exploration and optimisation. , 2007, , .		2
3240	Improving predictive models of cognitive complexity using an evolutionary computational approach. Proceedings of CASCON, 2007, , .	0.0	2
3241	Evolutionary multiobjective optimization. , 2007, , .		5
3242	Genetic Algorithm Based on Classification for the Traveling Salesman Problem. , 2007, , .		0
3243	GAUGUIN. , 2007, , .		3
3244	Reactive Power Optimization Through Evolutionary Techniques: A Comparative Study Of The Ga, De And Pso Algorithms. Intelligent Automation and Soft Computing, 2007, 13, 453-461.	2.1	11
3245	An Efficient Frequency Estimation Methodology using Genetic Algorithms in FPGA. , 2007, , .		5
3246	Automated Design of Non-Repudiation Security Protocols. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
3247	A Linguistic Fuzzy-XCS classifier system. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	2
3248	Bandwidth enhancement of balanced folded loop antenna design for mobile handsets using genetic algorithms. , 2007, , .		8
3249	PSO and ACO algorithms applied to location optimization of the WLAN base station. , 2007, , .		5
3250	Robotic Architecture Inspired on Behavior Analysis. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	10
3251	Electrical Design Space Exploration for High Speed Servers. , 2007, , .		5
3252	Automatic design of reliable systems consisting of nano-elements. , 2007, , .		0
3253	Cognitive Radio and RF Communications Design Optimization using Genetic Algorithms. , 2007, , .		7
3254	Automated Linear Modeling of Time Series with Self Adaptive Genetic Algorithms. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	0
3255	Handling objectives as adaptive constraints for multiobjective structural optimization. , 2007, , .		6
3256	A new two-stage approach to solve the Linear Shelf Space Allocation Problem. , 2007, , .		1
3257	Images Reconstruction with Use of a Genetic Algorithm. , 2007, , .		1
3258	An efficient solution for compositional design problems by Multi-stage Genetic Algorithm. , 2007, , .		4
3259	Based on Parameter Optimization and FLC Nonsingular Terminal Sliding Mode Controller of a Two-Link Flexible Manipulator. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	0
3260	Achieving Managerial Goals in Business Process Components Design Using Genetic Algorithms. , 2007, , .		3
3261	Fuzzy logic for priority based genetic search in evolving a neural network architecture. , 2007, , .		0
3262	Evolved Multiresolution Analysis Transforms for Improved Image Compression and Reconstruction under Quantization. , 2007, , .		4
3263	Automated learning multi-criteria classifiers for FLIR ship imagery classification. , 2007, , .		1
3264	Random Assignment Method Based on Dynamic Constraint and Genetic Algorithm. , 2007, , .		0

#	ARTICLE	IF	CITATIONS
3265	Niching genetic feature selection algorithms applied to the design of fuzzy rule-based classification systems. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	9
3266	Quick online feature selection method for regression -A feature selection method inspired by human behavior-. , 2007, , .		3
3267	Nonholonomic Motion Planning of Space Robot System with Dual-Arms Using Genetic Algorithm. , 2007, , .		2
3268	Hybrid Genetic Algorithm Based Energy Management of Wireless Sensor Networks in Electric Distribution Networks. , 2007, , .		0
3269	Stability Analysis of Evolved Continuous Time Recurrent Neural Networks that Balance a Double Inverted Pendulum on a Cart. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	1
3270	A multiobjective non-linear dynamic programming approach for optimal biological control in soy farming via NSGA-II. , 2007, , .		3
3271	Application of Evolution Algorithm in Power System Control Design. , 2007, , .		2
3272	Adaptive Laser Beam Shaping Using a Genetic Algorithm. , 2007, , .		1
3273	A Two-Stage Genetic Algorithm for Solving Shortest Path Problem with Fuzzy Arc Lengths. , 2007, , .		1
3274	A Bio-inspired Interpolation Kernel for Medical Image Processing Implemented on DSP Processor. , 2007, , .		5
3275	Modeling and Optimization of M-cresol Isopropylation for Obtaining N-thymol: Combining a Hybrid Artificial Neural Network with a Genetic Algorithm. International Journal of Chemical Reactor Engineering, 2007, 5, .	1.1	1
3276	Reduced order modelling of linear MIMO systems using genetic algorithm. International Journal of Simulation Modelling, 2007, 6, 173-184.	1.3	32
3277	A Destructive Evolutionary Algorithm Process. , 2007, , .		0
3278	Enhancing Multiobjective Evolutionary Algorithms by Local Dominance and Local Recombination: Performance Verification in Multiobjective 0/1 Knapsack Problems. IPSJ Digital Courier, 2007, 3, 98-113.	0.3	2
3279	Development of Production Simulator for Buffer Size Decisions in Complex Production Systems Using Genetic Algorithm. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2007, 1, 418-429.	0.7	5
3280	Using a Generative Geometry for Design. , 2007, , 502.		0
3281	OPTIMAL PLANNING OF MULTIMODAL FREIGHT TRANSPORT NETWORK. Doboku Gakkai Ronbunshuu D, 2007, 63, 103-109.	0.0	2
3282	Performance optimization of monopole four-square array antenna using the method of genetic algorithms. , 2007, , .		5

#	ARTICLE	IF	CITATIONS
3283	Optimized System Design and Construction of a Compact Whole-hand Scanner for Diagnosis of Rheumatoid Arthritis. Magnetic Resonance in Medical Sciences, 2007, 6, 113-120.	2.0	5
3284	Genetic rule selection with a multi-classifier coding scheme for ensemble classifier design. International Journal of Hybrid Intelligent Systems, 2007, 4, 157-169.	1.2	9
3285	Structural Risk Minimisation based gene expression profiling analysis. International Journal of Bioinformatics Research and Applications, 2007, 3, 153.	0.2	0
3286	Mathematical optimisation techniques applied to power system operation and planning. International Journal of Energy Technology and Policy, 2007, 5, 393.	0.2	6
3287	Application of optimisation algorithms and multibody dynamics to ground vehicle suspension design. International Journal of Heavy Vehicle Systems, 2007, 14, 158.	0.2	14
3288	Application of genetic algorithm to improve voltage regulation of self-excited induction generator in a wind energy conversion system. International Journal of Intelligent Systems Technologies and Applications, 2007, 2, 20.	0.2	0
3289	GA-based decision support systems in production scheduling. International Journal of Intelligent Systems Technologies and Applications, 2007, 2, 58.	0.2	3
3290	Online modelling based on Genetic Programming. International Journal of Intelligent Systems Technologies and Applications, 2007, 2, 255.	0.2	11
3291	Site selecting algorithms for Nodes B. International Journal of Mobile Network Design and Innovation, 2007, 2, 33.	0.1	0
3292	Framework for the dynamic scheduling of complex job shops. International Journal of Manufacturing Technology and Management, 2007, 11, 411.	0.1	5
3293	Diagnosing faults in nuclear components by an ensemble of feature-diverse fuzzy classifiers. International Journal of Nuclear Knowledge Management, 2007, 2, 224.	0.3	4
3294	Improving gateway safety in wireless sensor networks using cognitive techniques. International Journal of Sensor Networks, 2007, 2, 331.	0.4	5
3295	Integration of mathematical and physical simulation to calibrate car-following behaviour of unimpaired and impaired drivers. World Review of Intermodal Transportation Research, 2007, 1, 403.	0.4	2
3296	Optimization of FTL Layout Design Through an Asymmetrical and Restricted Plant Using GA. Journal of Solid Mechanics and Materials Engineering, 2007, 1, 81-92.	0.5	2
3297	Energy Cost of an Independent Micro-grid with Control of Power Output Sharing of a Distributed Engine Generator. Journal of Thermal Science and Technology, 2007, 2, 67-78.	1.1	2
3298	Comparison of Empirical and Numerical Site Responses at the Tito Test Site, Southern Italy. Bulletin of the Seismological Society of America, 2007, 97, 1413-1431.	2.3	29
3299	Efficient Contamination Events Sampling for Sensors Layout Design. , 2007, , .		1
3300	Evolutionary colourisation of greyscale images. International Journal of Advanced Media and Communication, 2007, 1, 203.	0.2	0

#	ARTICLE	IF	CITATIONS
3301	Benchmarking of optimisation techniques based on genetic algorithms, tabu search and simulated annealing. International Journal of Computer Applications in Technology, 2007, 28, 209.	0.5	3
3302	Interactive Multi-Objective Inverse Groundwater Modeling for the WIPP Site. , 2007, , .		2
3303	Transient stability improvement by optimally located STATCOMs employing genetic algorithm. International Journal of Energy Technology and Policy, 2007, 5, 404.	0.2	3
3304	Damping power system oscillations by genetically optimised PSS and TCSC controller. International Journal of Energy Technology and Policy, 2007, 5, 457.	0.2	14
3305	Evolutionary design and applications of hybrid intelligent systems. International Journal of Innovative Computing and Applications, 2007, 1, 48.	0.2	3
3306	World solar challenge. ACM SIGEVOlution, 2007, 2, 2-5.	0.5	4
3307	CLOSED LOOP TUNING OF DISCRETE PID REGULATORS USING GENETIC ALGORITHMS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 250-255.	0.4	2
3308	THE AGGREGATION MECHANISM FOR AGENT-BASED EVOLUTIONARY COMPUTATION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 169-174.	0.4	1
3309	Sixth International Conference on Machine Learning and Applications - Cover. , 2007, , .		3
3310	Optimal bidding strategies with risks for LSEs in competitive electricity markets. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	4
3311	<i>Sustain</i> - an Epa Bmp Process and Placement Tool for Urban Watersheds. Proceedings of the Water Environment Federation, 2007, 2007, 946-968.	0.0	19
3312	Metaheuristics for solving economic lot scheduling problems (ELSP) using time-varying lot-sizes approach. European Journal of Industrial Engineering, 2007, 1, 152.	0.8	23
3313	Multi objective genetic algorithm based adaptive QoS routing in MANET. , 2007, , .		15
3314	Evolutionary Multi-Objective Optimization Without Additional Parameters. , 2007, , 241-257.		5
3315	Genetic optimization of photonic bandgap structures. Optics Express, 2007, 15, 8218.	3.4	53
3316	Fuzzy-neural controller design for stability enhancement of microgrids. , 2007, , .		4
3317	Techniques for highly multiobjective optimisation. , 2007, , .		175
3318	A new selection circuit based on rough comparison method for GA hardware. International Congress Series, 2007, 1301, 298-301.	0.2	3

#	ARTICLE	IF	CITATIONS
3319	A kinetic-dynamic model for regulatory RNA processing. Journal of Biotechnology, 2007, 127, 488-495.	3.8	5
3320	Multi-objective meta level soft computing-based evolutionary structural design. Journal of the Franklin Institute, 2007, 344, 595-612.	3.4	9
3321	A Study on Acquiring Underlying Behavioral Criteria for Manipulator Motion by Focusing on Learning Efficiency. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2007, 37, 445-455.	2.9	8
3322	Using Adaptive Genetic Algorithms to Improve Speech Emotion Recognition. , 2007, , .		13
3323	Power response optimization of inverter grid parallel operation using V-Ï‰ and Q-V curves, and phase feedback based on genetic algorithm. , 2007, , .		3
3324	Algorithmic Level Design Space Exploration Tool for Creation of Highly Optimized Synthesizable Circuits. , 2007, , .		2
3325	Measuring Reliability of Applications Composed of Web Services. , 2007, , .		20
3326	FIR filter based fuzzy-genetic mixed noise removal. , 2007, , .		4
3327	Theory and Performance of ML Decoding for Turbo Codes using Genetic Algorithm. , 2007, , .		6
3328	Increasing Detection Rate of User-to-Root Attacks Using Genetic Algorithms. , 2007, , .		3
3329	Optimal Location of UPFC for ATC Enhancement in Restructured Power Systems. , 2007, , .		5
3330	ESR Spectroscopy in Membrane Biophysics. , 2007, , .		6
3331	Robust PI Controller Design for EDM. , 2007, , .		3
3332	Hybrid Optimisation Method Using PGA and SQP Algorithm. , 2007, , .		2
3333	Fetal Electrocardiogram Signal Modelling Using Genetic Algorithm. , 2007, , .		7
3334	Back-Tracing Technical Progress with Evolutionary Algorithms. Information Technology Interfaces (ITI), Proceedings of the International Conference on, 2007, , .	0.0	1
3335	Discovering Chinese Chess Strategies through Coevolutionary Approaches. , 2007, , .		8
3336	Epistasis in Multi-Objective Evolutionary Recurrent Neuro-Controllers. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
3337	An Optimal Approach for Image Transmission in Multi-Rate Wireless Sensor Network. International Conference on Advanced Networking and Applications, 2007, , .	0.0	0
3338	ServiceWeb 3.0. , 2007, , .		3
3339	MAX: A Multi Objective Memory Architecture eXploration Framework for Embedded Systems-on-Chip. , 2007, , .		2
3340	A Model of Wind-up based on Short-term and Long-term Synaptic Plasticity Mechanisms. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	2
3341	Architecture of virus evolutionary genetic algorithm for car navigation system. Midwest Symposium on Circuits and Systems, 2007, , .	1.0	0
3342	Dynamic Load Balancing for Mining of Molecular Structures using Genetic Algorithm. , 2007, , .		0
3343	A fuzzy decision support system for an hydraulic application. , 2007, , .		0
3344	Exploring the Relationships between Personal Characteristics, Aims, and Reasons of Learning in Further Education by Associating Rule Mining. , 2007, , .		0
3346	An Investigation into Tournament Poker Strategy using Evolutionary Algorithms. , 2007, , .		4
3347	An Efficient State-Space Realization With Minimum Roundoff Noise Gain. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 432-440.	0.1	3
3348	An Unsupervised and Fully-Automated Image Analysis Method for cDNA Microarrays. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	5
3349	Super 14 Rugby Fixture Scheduling Using a Multi-Objective Evolutionary Algorithm. , 2007, , .		3
3350	A Multimodal Image Registration and Fusion Methodology Applied to Drug Discovery Research. , 2007, , .		1
3351	On the Structure of Some Families of Fuzzy Measures. IEEE Transactions on Fuzzy Systems, 2007, 15, 1068-1081.	9.8	12
3352	Feature Selection and Partial Least Squares Based Dimension Reduction for Tumor Classification. , 2007, , .		1
3353	Shake – Regicide: A New Heuristic for the Diversity Control of Evolutionary Algorithms. , 2007, , .		0
3354	Evolutionary Multiobjective Design of Fuzzy Rule-Based Systems. , 2007, , .		21
3355	Introduction of a sectioned genetic algorithm for large scale problems. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
3356	MODLEX: A Multi Objective Data Layout EXploration Framework for Embedded Systems-on-Chip. , 2007, , .		2
3357	Gaussian Noise Estimation in Digital Images Using Nonlinear Sharpening and Genetic Optimization. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2007, , .	0.0	10
3358	Relation between Pareto-Optimal Fuzzy Rules and Pareto-Optimal Fuzzy Rule Sets. , 2007, , .		14
3359	A Distributed QoS Routing and CAC Framework: Performance Evaluation of Its SSRA and InterD Agents. , 2007, , .		1
3360	Transmission Expansion Planning using Goal Attainment & GA. , 2007, , .		3
3361	Control Performance Comparison between a Type-2 Fuzzy Controller and a Comparable Conventional Mamdani Fuzzy Controller. , 2007, , .		10
3362	A Novel Approach to Fine-grained Content-based Access Control for Video Databases. , 2007, , .		5
3363	Cell formation with workload data in cellular manufacturing system using genetic algorithm. , 2007, , .		5
3364	A Supply Chain Network Design Model for Deteriorating Items. , 2007, , .		4
3365	Design and Optimization of a Switched Parasitic Corner Plated Antenna for maximum Directionality and Diversity Gain at the WiFi frequency of 2.4 GHz with the aid of Genetic Algorithms. , 2007, , .		3
3366	Optimum spectrum utilization through auctions. , 2007, , .		0
3367	A Stochastic Rank-Based Ant System for Discrete Structural Optimization. , 2007, , .		4
3368	Optimal Modular Redundancy Using Hierarchical Genetic Algorithms. , 2007, , .		1
3369	Optimal Excitation in Fault Diagnosis of Analog Electronic Circuits. , 2007, , .		3
3370	Adaptive Optical Proximity Correction Using an Optimization Method. , 2007, , .		6
3371	An Evolutionary Data Mining Model for Fuzzy Concept Extraction. , 2007, , .		0
3372	Evolvable Reconfigurable Hardare framework for edge detection. Midwest Symposium on Circuits and Systems, 2007, , .	1.0	3
3373	Electricity Price Forecasting Using Evolved Neural Networks. , 2007, , .		8

#	ARTICLE	IF	CITATIONS
3374	Nonlinear System Identification Based on Genetic Algorithm and Grey Function. , 2007, , .		1
3375	QOS of efficient GA-EMAN routing method for future mobile tele-emergency system. , 2007, , .		0
3376	Artificial Immune System Based Reliability Appraisal Methodology of Power Generation Systems with Wind Power Penetration. , 2007, , .		0
3377	A novel fuzzy and multiobjective evolutionary algorithm based gene assignment for clustering short time series expression data. , 2007, , .		3
3378	Optimal design of SEDC for damping multi-mode SSR based on GASA. , 2007, , .		2
3379	Calibration of a Steward Parallel Robot Using Genetic Algorithm. , 2007, , .		8
3380	Research on Plant Growth Simulation Algorithm based on Finite Element Method. , 2007, , .		2
3381	A short-term, pattern-based model for water-demand forecasting. Journal of Hydroinformatics, 2007, 9, 39-50.	2.4	150
3382	Direct Control of Multi-Car Elevators with Real-Time GA. , 2007, , .		8
3383	Estimation of mud rheological parameters using genetic algorithm for a two-layer wave-mud system. Proceedings in Marine Science, 2007, , 263-275.	0.1	0
3384	A genetic-fuzzy control application to ramp metering and variable speed limit control. , 2007, , .		6
3385	A tissue-level electromechanical model of the left ventricle: Application to the analysis of intraventricular pressure. , 2007, , .		0
3386	Optimum Fault Current Limiter Placement. , 2007, , .		16
3387	A nonlinear rainfallâ€"runoff model embedded with an automated calibration method â€" Part 2: The automated calibration method. Journal of Hydrology, 2007, 341, 196-206.	5.4	10
3388	Generation of Optical Reference Signals Robust to Diffractive Effects. IEEE Photonics Technology Letters, 2007, 19, 1133-1135.	2.5	9
3389	Crustal Velocity Structure in Italy from Analysis of Regional Seismic Waveforms. Bulletin of the Seismological Society of America, 2007, 97, 2024-2039.	2.3	28
3390	Solving Timetabling Problem Using Genetic and Heuristic Algorithms. , 2007, , .		9
3391	Towards a global multi objective optimization of wastewater treatment plant based on modeling and genetic algorithms. Water Science and Technology, 2007, 56, 109-116.	2.5	16

#	Article	IF	Citations
3392	Artificial Bee Colony (ABC) Algorithm on Training Artificial Neural Networks. , 2007, , .		122
3393	Stochastic Metaheuristics as Sampling Techniques using Swarm Intelligence. , 2007, , .		2
3394	Distributed Combinatorial Optimization Using Privacy on Mobile Phones. IEEJ Transactions on Electronics, Information and Systems, 2007, 127, 793-798.	0.2	0
3395	Model Tuning by Stochastic Methods and Optimization of Thermodynamic Parameters and Component Sets of a Cooling System. , 2007, , .		0
3396	AN ADAPTIVE AGENT SIMULATION OF TRANSPORTATION SYSTEM CONSIDERING BOTH DEPARTURE TIME AND ROUTE CHOICE. Doboku Gakkai Ronbunshuu D, 2007, 63, 110-121.	0.0	1
3397	Library Design: Reactant and Product-Based Approaches. , 2007, , 337-378.		0
3398	COST-BENEFIT BASED OPTIMIZATION OF MAINTENANCE INTERVENTIONS FOR DETERIORATING STRUCTURES. Structural Engineering/Earthquake Engineering, 2007, 24, 131s-147s.	0.3	0
3399	Enhanced Phenomenological Modelling of Conventional and HCCI Diesel Combustion using optimization Algorithms for Automatic Calibration. , 2007, , .		3
3400	Computer-Based Educational Module for Exploring Genetic Algorithms in Surface Water Systems Analysis. , 2007, , .		0
3401	Evaluation of the Performance and Parameter Sensitivity of Constraint-Handling Techniques for a Genetic Algorithm-Based Irrigation Canal Network Management Problem. , 2007, , .		0
3402	Internet Auctions With Artificial Adaptive Agents: A Study on Market Design. SSRN Electronic Journal, 0, , .	0.4	1
3403	A decentralized strategy for genetic scheduling in heterogeneous environments. Multiagent and Grid Systems, 2007, 3, 355-367.	0.9	20
3404	Improving Statistical Validity in Calculating Erosion Hazards from Historical Shorelines. , 2007, , .		1
3405	Angel method for discrete optimization problems. Periodica Polytechnica: Civil Engineering, 2007, 51, 37.	0.6	10
3406	Evolutionary Strategies Combined With Novel Binary Hill Climbing Used for Online Walking Pattern Generation in Two Legged Robot. , 0, , .		0
3407	Optimized texture operators for the automated design of image analysis systems: Non-linear and oriented kernels vs. gray value co-occurrence matrices. International Journal of Hybrid Intelligent Systems, 2007, 4, 185-202.	1.2	3
3408	Function based hybrid-fuzzy genetic controller for VSI based STATCOM. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2007, 11, 139-156.	1.0	4
3409	On the application of linear transformations for genetic algorithms optimization. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2007, 11, 89-104.	1.0	1

#	Article	IF	Citations
3410	An approach of cluster validity on Gabor wavelet based adaptive face recognition. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2007, 11, 219-225.	1.0	1
3411	Unidirectional transducers and their application to bandpass filtering. , 2007, , 263-292.		0
3412	Single- and multiobjective optimization of a welded stringer-stiffened cylindrical shell. Periodica Polytechnica: Civil Engineering, 2007, 51, 11.	0.6	3
3413	Probabilistic Goal Driven Watershed Management. , 2007, , .		0
3414	A New Ant Colony Optimization Approach for the Degree-Constrained Minimum Spanning Tree Problem Using Pruefer and Blob Codes Tree Coding. , 0, , .		0
3415	Development of a multi-objective optimization tool for the selection and placement of BMPs for nonpoint source pollution control. , 2007, , .		0
3416	Software tool for naval surface warfare simulation and training. Journal of Computational Methods in Sciences and Engineering, 2007, 6, S427-S444.	0.2	1
3417	RESONANT FREQUENCY CALCULATION FOR CIRCULAR MICROSTRIP ANTENNAS WITH A DIELECTRIC COVER USING ADAPTIVE NETWORK-BASED FUZZY INFERENCE SYSTEM OPTIMIZED BY VARIOUS ALGORITHMS. Progress in Electromagnetics Research, 2007, 72, 279-306.	4.4	27
3418	High-speed, low-leakage integrated circuits: An evolutionary algorithm perspective. Journal of Systems Architecture, 2007, 53, 321-327.	4.3	11
3419	Optimal parameters for search using a barrier tree Markov model. Theoretical Computer Science, 2007, 386, 94-113.	0.9	4
3420	Reduced scale PWR passive safety system designing by genetic algorithms. Annals of Nuclear Energy, 2007, 34, 1014-1023.	1.8	4
3421	A novel approach to the placement and routing problems for field programmable gate arrays. Applied Soft Computing Journal, 2007, 7, 455-470.	7.2	5
3422	A novel method for alignment of two nucleic acid sequences using ant colony optimization and genetic algorithms. Applied Soft Computing Journal, 2007, 7, 1121-1130.	7.2	20
3423	Application of hybrid metaheuristics in sensor management. Aerospace Science and Technology, 2007, 11, 295-302.	4.8	4
3424	A GA mechanism for optimizing the design of attribute double sampling plan. Automation in Construction, 2007, 16, 345-353.	9.8	16
3425	Micro-genetic approach for surface meshing on a set of unorganized points. Computer Methods in Applied Mechanics and Engineering, 2007, 196, 1997-2008.	6.6	0
3426	Genetic evolutionary algorithm for static traffic grooming to SONET over WDM optical networks. Computer Communications, 2007, 30, 3392-3402.	5.1	12
3427	Modeling and numerical study of actuator and sensor effects for a laminated piezoelectric plate. Computers and Structures, 2007, 85, 385-403.	4.4	12

#	ARTICLE	IF	CITATIONS
3428	A niched genetic algorithm to solve a pollutant emission reduction problem in the manufacturing industry: A case study. Computers and Operations Research, 2007, 34, 2191-2214.	4.0	13
3429	A simple two-step automatic assignment procedure for complicated NMR spectra of solutes in liquid crystals using genetic algorithms. Chemical Physics Letters, 2007, 441, 342-346.	2.6	13
3430	Target excitation in 2-D quantum dots by optimized chirped pulses. Chemical Physics Letters, 2007, 449, 165-170.	2.6	9
3431	Determination of thermal properties of the rhizome of Podophyllum peltatum for drying and ethanol extraction. Biosystems Engineering, 2007, 97, 357-370.	4.3	5
3432	Precise acquisition and unsupervised segmentation of multi-spectral images. Computer Vision and Image Understanding, 2007, 106, 183-193.	4.7	24
3433	Recognizing signal trends on-line by a fuzzy-logic-based methodology optimized via genetic algorithms. Engineering Applications of Artificial Intelligence, 2007, 20, 831-849.	8.1	4
3434	Programmed Search in a Timetabling Problem over Finite Domains. Electronic Notes in Theoretical Computer Science, 2007, 177, 253-267.	0.9	6
3435	Economic design of variable sampling interval T2 control chartsâ€"A hybrid Markov Chain approach with genetic algorithms. Expert Systems With Applications, 2007, 33, 683-689.	7.6	43
3436	Microarray image gridding with stochastic search based approaches. Image and Vision Computing, 2007, 25, 155-163.	4.5	14
3437	An integrated fuzzy cells-classifier. Image and Vision Computing, 2007, 25, 214-219.	4.5	4
3438	Software project management with GAs. Information Sciences, 2007, 177, 2380-2401.	6.9	205
3439	Application of adaptive control to the fluctuation of engine speed at idle. Information Sciences, 2007, 177, 3341-3355.	6.9	31
3440	Attacks of simple block ciphers via efficient heuristics. Information Sciences, 2007, 177, 2553-2569.	6.9	9
3441	Adaptive estimated maximum-entropy distribution model. Information Sciences, 2007, 177, 3110-3128.	6.9	30
3442	A new fuzzy operator and its application to topology design of distributed local area networks. Information Sciences, 2007, 177, 2692-2711.	6.9	27
3443	Chaos control on autonomous and non-autonomous systems with various types of genetic algorithm-optimized weak perturbations. Chaos, Solitons and Fractals, 2007, 34, 1519-1537.	5.1	4
3444	Automatic concept model generation for optimisation and robust design of passenger cars. Advances in Engineering Software, 2007, 38, 795-801.	3.8	27
3445	Evolutionary computation-based approach for model error correction and calibration. Advances in Water Resources, 2007, 30, 1360-1370.	3.8	12

#	Article	IF	Citations
3446	Remarks on the application of genetic algorithm and tabu search method to nonlinear spanning tree problems. Applied Mathematics and Computation, 2007, 188, 1071-1086.	2.2	3
3447	Sugeno fuzzy integral for finding fuzzy ifâ€"then classification rules. Applied Mathematics and Computation, 2007, 185, 72-83.	2.2	10
3448	Distribution-based adaptive bounding genetic algorithm for continuous optimisation problems. Applied Mathematics and Computation, 2007, 185, 1063-1077.	2.2	4
3449	Determination of withdrawal schedule in single-species cultivation via genetic algorithm. Applied Mathematics and Computation, 2007, 188, 322-331.	2.2	2
3450	Observer with evolutionary-programming-based optimal digital tracker for analog neutral multiple time-delay systems. Applied Mathematics and Computation, 2007, 188, 1001-1015.	2.2	8
3451	A novel splicing/decomposable binary encoding and its operators for genetic and evolutionary algorithms. Applied Mathematics and Computation, 2007, 190, 887-904.	2.2	4
3452	Optimal control for linear singular system using genetic programming. Applied Mathematics and Computation, 2007, 192, 78-89.	2.2	19
3453	An efficient controller structure with minimum roundoff noise gain. Automatica, 2007, 43, 921-927.	5.0	8
3454	Application of genetic algorithm for determination of the effective diffusivity of andrographolide in plant materials. Biochemical Engineering Journal, 2007, 33, 178-187.	3.6	4
3455	Automated instrument design and optimisation using a genetic algorithm running on a distributed processing network. Nuclear Instruments & Methods in Physics Research B, 2007, 263, 156-162.	1.4	3
3456	Design sea state assessment using genetic algorithm approach. Ocean Engineering, 2007, 34, 148-156.	4.3	7
3457	Design of a compact multimode interference coupler based on deeply-etched SiO2 ridge waveguides. Optics Communications, 2007, 271, 404-407.	2.1	11
3458	Adaptive mode optimization of a continuous-wave solid-state laser using an intracavity piezoelectric deformable mirror. Optics Communications, 2007, 278, 377-381.	2.1	26
3459	A New Hybrid Multi-Objective Quick Service Restoration technique for Electric Power Distribution Systems. International Journal of Electrical Power and Energy Systems, 2007, 29, 51-64.	5.5	38
3460	Comparison of Fuzzy logic and Neural Network in life prediction of boiler tubes. International Journal of Fatigue, 2007, 29, 489-498.	5.7	36
3461	Improving the efficiency of evolutionary de novo peptide design: Strategies for probing configuration and parameter settings. BioSystems, 2007, 88, 35-55.	2.0	2
3462	A multi-crossover genetic approach to multivariable PID controllers tuning. Expert Systems With Applications, 2007, 33, 620-626.	7.6	119
3463	Executing large algorithms on low-capacity FPGAs using flowpath partitioning and runtime reconfiguration. Microprocessors and Microsystems, 2007, 31, 302-312.	2.8	3

#	Article	IF	Citations
3464	Response of firm agent network to exogenous shock. Physica A: Statistical Mechanics and Its Applications, 2007, 382, 138-148.	2.6	4
3465	Partial X-ray photoelectron spectroscopy to constructing neural network model of plasma etching surface. Microelectronic Engineering, 2007, 84, 584-589.	2.4	8
3466	Advanced neural network model of plasma-driven integrated circuit process data. Materials Science in Semiconductor Processing, 2007, 10, 258-263.	4.0	1
3467	Damage identification using Fourier coefficients of response. Journal of Sound and Vibration, 2007, 303, 909-917.	3.9	4
3468	Improving technical trading systems by using a new MATLAB-based genetic algorithm procedure. Mathematical and Computer Modelling, 2007, 46, 189-197.	2.0	16
3469	Geometrical error analysis of a CNC micro-machine tool. Mechatronics, 2007, 17, 231-243.	3.3	16
3470	The impact of relative radiometric calibration on the accuracy of kNN-predictions of forest attributes. Remote Sensing of Environment, 2007, 110, 431-437.	11.0	25
3471	Evaluation of the impact of different human factor models on industrial and business processes. Simulation Modelling Practice and Theory, 2007, 15, 199-218.	3.8	18
3472	A genetic approach to modeling fuzzy systems based on information granulation and successive generation-based evolution method. Simulation Modelling Practice and Theory, 2007, 15, 1128-1145.	3.8	7
3473	Structural developments of fuzzy systems with the aid of information granulation. Simulation Modelling Practice and Theory, 2007, 15, 1292-1309.	3.8	7
3474	Particle swarm optimization with controlled mutation. IEEJ Transactions on Electrical and Electronic Engineering, 2007, 2, 192-194.	1.4	12
3475	Optimization of adaptive transit signal priority using parallel genetic algorithm. Tsinghua Science and Technology, 2007, 12, 131-140.	6.1	26
3476	Improving pollutant source characterization by better estimating wind direction with a genetic algorithm. Atmospheric Environment, 2007, 41, 2283-2289.	4.1	92
3477	Predictors of urinary tract infection based on artificial neural networks and genetic algorithms. International Journal of Medical Informatics, 2007, 76, 289-296.	3.3	52
3478	Multi-objective optimization in combinatorial chemistry applied to the selective catalytic reduction of NO with C3H6. Journal of Catalysis, 2007, 252, 205-214.	6.2	21
3479	A stand basal area model for plantation grown New Zealand kauri. Ecological Modelling, 2007, 209, 367-376.	2.5	5
3480	Design optimization of a linear permanent magnet synchronous motor for extra low force pulsations. Energy Conversion and Management, 2007, 48, 443-449.	9.2	34
3481	Inverse modeling of human contrast response. Vision Research, 2007, 47, 2855-2867.	1.4	9

#	ARTICLE	IF	CITATIONS
3482	To each his own: The caregiver's role in a computational model of gaze following. Neurocomputing, 2007, 70, 2166-2180.	5.9	8
3483	Ga-based passive loop optimization for magnetic field mitigation of transmission lines. Neurocomputing, 2007, 70, 2679-2686.	5.9	9
3484	Design and analysis of direct-action CMAC PID controller. Neurocomputing, 2007, 70, 2615-2625.	5.9	15
3485	Recurrent fuzzy network design using hybrid evolutionary learning algorithms. Neurocomputing, 2007, 70, 3001-3010.	5.9	13
3486	Quantifying the physical and chemical mass transfer processes for the fate and transport of Co(II)EDTA in a partially-weathered limestoneâ€"shale saprolite. Journal of Contaminant Hydrology, 2007, 90, 184-202.	3.3	6
3487	Simulation of Flux Distribution in Central Metabolism of Saccharomyces cerevisiae by Hybridized Genetic Algorithm. Chinese Journal of Chemical Engineering, 2007, 15, 150-156.	3.5	4
3488	Modeling of Stress Changes at Mayon Volcano, Philippines. Pure and Applied Geophysics, 2007, 164, 819-835.	1.9	0
3489	Design of 2D FIR and IIR Digital Filters with Canonical Signed Digit Coefficients Using Singular Value Decomposition and Genetic Algorithms. Circuits, Systems, and Signal Processing, 2007, 26, 69-89.	2.0	7
3490	A near-optimal multicast scheme for mobile ad hoc networks using a hybrid genetic algorithm. Expert Systems With Applications, 2007, 33, 734-742.	7.6	50
3491	Fuzzy fusion for skin detection. Fuzzy Sets and Systems, 2007, 158, 325-336.	2.7	25
3492	Optimal task partition and distribution in grid service system with common cause failures. Future Generation Computer Systems, 2007, 23, 209-218.	7.5	18
3493	Preliminary study on luminous intensity distribution modeling of the dome pendent prismatic luminaire and application of optimization techniques. Building and Environment, 2007, 42, 1173-1182.	6.9	5
3494	Estimating the concentration of optically active constituents of sea water by Takagiâ€"Sugeno models with quadratic rule consequents. Pattern Recognition, 2007, 40, 2846-2860.	8.1	8
3495	Evolution of satellite lines accompanying photoionization. Radiation Physics and Chemistry, 2007, 76, 461-464.	2.8	0
3496	On the assessment of input streams for incremental network computing. Journal of Parallel and Distributed Computing, 2008, 68, 1297-1304.	4.1	0
3497	An observer-based tracker for hybrid interval chaotic systems with saturating inputs: The chaos-evolutionary-programming approach. Computers and Mathematics With Applications, 2008, 55, 1225-1249.	2.7	8
3498	Resolution approach for multi-objective problems with uncertain demands. European Journal of Operational Research, 2008, 187, 403-414.	5.7	2
3499	A symbol-based intelligent control system with self-exploration process. Engineering Applications of Artificial Intelligence, 2008, 21, 201-214.	8.1	2

#	Article	IF	Citations
3500	Optimization of markers in clothing industry. Engineering Applications of Artificial Intelligence, 2008, 21, 669-678.	8.1	9
3501	Genetic algorithm-based optimal design of shunt compensators in the presence of harmonics. Electric Power Systems Research, 2008, 78, 728-735.	3.6	26
3502	Log-polar mapping template design: From task-level requirements to geometry parameters. Image and Vision Computing, 2008, 26, 1354-1370.	4.5	30
3503	Research of stochastic weight strategy for extended particle swarm optimizer. Journal of China Universities of Posts and Telecommunications, 2008, 15, 122-134.	0.8	2
3504	A decision support method for truck scheduling and storage allocation problem at container. Tsinghua Science and Technology, 2008, 13, 211-216.	6.1	17
3505	The Liga algorithm for<i>ab initio</i>determination of nanostructure. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, 631-640.	0.3	17
3506	Computer program for filter media design optimization. Journal of the Taiwan Institute of Chemical Engineers, 2008, 39, 161-167.	1.4	7
3507	Automatic initialization of an active shape model of the prostate. Medical Image Analysis, 2008, 12, 469-483.	11.6	54
3508	Design and optimization of an arbitrarily segmented traveling wave electrode for an ultrahigh speed electroabsorption modulator. Optics Communications, 2008, 281, 5177-5182.	2.1	8
3509	Using immune-based genetic algorithms for single trader's periodic marketing problem. Mathematical and Computer Modelling, 2008, 48, 420-428.	2.0	11
3510	Kinematic synthesis of a four-link mechanism with rolling contacts for motion and function generation. Mathematical and Computer Modelling, 2008, 48, 805-817.	2.0	4
3511	Designing a risk-informed balanced system by genetic algorithms: Comparison of different balancing criteria. Reliability Engineering and System Safety, 2008, 93, 1842-1852.	8.9	11
3512	Evolutionary optimization techniques for optimal location and parameter setting of TCSC under single line contingency. Applied Mathematics and Computation, 2008, 205, 133-147.	2.2	27
3513	Particle swarm optimization with FUSS and RWS for high dimensional functions. Applied Mathematics and Computation, 2008, 205, 98-108.	2.2	42
3514	Simulation of phase combinations in shape memory alloys patches by hybrid optimization methods. Applied Numerical Mathematics, 2008, 58, 511-524.	2.1	15
3515	Optimization opportunities in mining, metal and mineral processing. Annual Reviews in Control, 2008, 32, 17-32.	7.9	5
3516	An evolutionary compensatory negotiation model for distributed dynamic scheduling. Applied Soft Computing Journal, 2008, 8, 1093-1104.	7.2	4
3517	Maximum entropy and least square error minimizing procedures for estimating missing conditional probabilities in Bayesian networks. Computational Statistics and Data Analysis, 2008, 52, 3583-3602.	1.2	7

#	ARTICLE	IF	CITATIONS
3518	A new genetic algorithm in proteomics: Feature selection for SELDI-TOF data. Computational Statistics and Data Analysis, 2008, 52, 4380-4394.	1.2	11
3519	Artificial immune based hybrid GA for QoS based multicast routing in large scale networks (AISMR). Computer Communications, 2008, 31, 3984-3994.	5.1	10
3520	Personalised subscription pricing for optimised wireless mesh network deployment. Computer Networks, 2008, 52, 2172-2188.	5.1	8
3521	Mathematical modeling and application of genetic algorithm to parameter estimation in signal transduction: Trafficking and promiscuous coupling of G-protein coupled receptors. Computers in Biology and Medicine, 2008, 38, 574-582.	7.0	13
3522	A parallel genetic algorithm to discover patterns in genetic markers that indicate predisposition to multifactorial disease. Computers in Biology and Medicine, 2008, 38, 826-836.	7.0	9
3523	Meta-heuristics for stable scheduling on a single machine. Computers and Operations Research, 2008, 35, 2175-2192.	4.0	7
3524	Evolutionary fitting methods for the extraction of mass spectra in lattice field theory. Computer Physics Communications, 2008, 178, 713-723.	7.5	6
3525	GenMin: An enhanced genetic algorithm for global optimization. Computer Physics Communications, 2008, 178, 843-851.	7.5	16
3526	Implementation and performance evaluation of the parallel CORBA application on computational grids. Advances in Engineering Software, 2008, 39, 211-218.	3.8	13
3527	Baud-spaced constant modulus blind equalization via hybrid genetic algorithm and generalized pattern search optimization. AEU - International Journal of Electronics and Communications, 2008, 62, 122-131.	2.9	9
3528	A comparison of memetic algorithms for the spread spectrum radar polyphase codes design problem. Engineering Applications of Artificial Intelligence, 2008, 21, 1233-1238.	8.1	15
3529	Hybrid fuzzy-mechanistic models for addressing parameter variability. Environmental Modelling and Software, 2008, 23, 535-548.	4.5	5
3530	Optimal tuning of PI coefficients by using fuzzy-genetic for V/f controlled induction motor. Expert Systems With Applications, 2008, 34, 2714-2720.	7.6	45
3531	A decision support system for luggage typesetting. Expert Systems With Applications, 2008, 35, 1620-1627.	7.6	1
3532	Affine invariant matching of broken boundaries based on particle swarm optimization. Image and Vision Computing, 2008, 26, 1230-1239.	4.5	3
3533	An approach to fuzzy granule-based hierarchical polynomial networks for empirical data modeling in software engineering. Information and Software Technology, 2008, 50, 912-923.	4.4	3
3534	Integrated multiobjective optimization and a priori preferences using genetic algorithms. Information Sciences, 2008, 178, 931-951.	6.9	54
3535	A comparison between ATNoSFERES and Learning Classifier Systems on non-Markov problems. Information Sciences, 2008, 178, 4482-4500.	6.9	4

#	Article	IF	Citations
3536	Genetic and evolutionary computing. Information Sciences, 2008, 178, 4419-4420.	6.9	12
3537	Quality-driven model-based architecture synthesis for real-time embedded SoCs. Journal of Systems Architecture, 2008, 54, 349-368.	4.3	9
3538	Parameterless evolutionary algorithm applied to the nuclear reload problem. Annals of Nuclear Energy, 2008, 35, 583-590.	1.8	18
3539	Multiobjective optimization using variable complexity modelling for control system design. Applied Soft Computing Journal, 2008, 8, 392-401.	7.2	24
3540	Global optimized reconstruction of off-axis electron hologram using genetic algorithms. Physics Procedia, 2008, 1, 229-235.	1.2	0
3541	Estimating preferential water flow parameters using a binary genetic algorithm inverse method. Environmental Modelling and Software, 2008, 23, 950-956.	4.5	5
3542	Application of pattern search method to power system security constrained economic dispatch with non-smooth cost function. Electric Power Systems Research, 2008, 78, 667-675.	3.6	15
3543	The inventory management system for automobile spare parts in a central warehouse. Expert Systems With Applications, 2008, 34, 1144-1153.	7.6	71
3544	A hierarchical genetic algorithm for segmentation of multi-spectral human-brain MRI. Expert Systems With Applications, 2008, 34, 1285-1295.	7.6	60
3545	Optimizing back-propagation networks via a calibrated heuristic algorithm with an orthogonal array. Expert Systems With Applications, 2008, 34, 1630-1641.	7.6	11
3546	Evolutionary selection of model for time constrained decision problems: A GA approach. Expert Systems With Applications, 2008, 34, 1886-1892.	7.6	4
3547	Tissue segmentation in ultrasound images by using genetic algorithms. Expert Systems With Applications, 2008, 34, 2739-2746.	7.6	9
3548	Optimization design of control charts based on minimax decision criterion and fuzzy process shifts. Expert Systems With Applications, 2008, 35, 207-213.	7.6	13
3549	Prediction of compressive and tensile strength of limestone via genetic programming. Expert Systems With Applications, 2008, 35, 111-123.	7.6	271
3550	Two stages of case-based reasoning â€" Integrating genetic algorithm with data mining mechanism. Expert Systems With Applications, 2008, 35, 262-272.	7.6	26
3551	Incorporating synaptic time-dependent plasticity and dynamic synapse into a computational model of wind-up. Neural Networks, 2008, 21, 241-249.	5.9	19
3552	Chromatic aberration elimination for digital rear projection television L-type lens by genetic algorithms. Optics and Lasers in Engineering, 2008, 46, 363-372.	3.8	10
3553	A distributed genetic algorithm for restoration of vertical line scratches. Parallel Computing, 2008, 34, 727-734.	2.1	12

#	ARTICLE	IF	CITATIONS
3554	Highly accurate error-driven method for noun phrase detection. Pattern Recognition Letters, 2008, 29, 547-557.	4.2	4
3555	A parallel genetic algorithm for optimization of trading strategies. Numerical Analysis and Applications, 2008, 1, 347-354.	0.4	1
3556	Analysis of the coolant condition with the help of artificial neural networks. Thermal Engineering (English Translation of Teploenergetika), 2008, 55, 552-557.	0.9	2
3557	NBS: A new representation for point surfaces based on genetic clustering algorithm. Computers and Graphics, 2008, 32, 639-646.	2.5	0
3558	Developing an artificial ecology for use as a strategic management tool: A case study of ibex hunting in the North Tien Shan. Ecological Modelling, 2008, 210, 15-36.	2.5	6
3559	Prediction ability and sensitivity of artificial intelligence-based habitat preference models for predicting spatial distribution of Japanese medaka (Oryzias latipes). Ecological Modelling, 2008, 215, 301-313.	2.5	31
3560	An asynchronous recurrent linear threshold network approach to solving the traveling salesman problem. Neurocomputing, 2008, 71, 1359-1372.	5.9	10
3561	Topos: Spiking neural networks for temporal pattern recognition in complex real sounds. Neurocomputing, 2008, 71, 721-732.	5.9	10
3562	On the application of different evolutionary algorithms to the alignment problem in statistical machine translation. Neurocomputing, 2008, 71, 755-765.	5.9	8
3563	A novel stochastic search method for polygonal approximation problem. Neurocomputing, 2008, 71, 3216-3223.	5.9	3
3564	A hybrid approach to constrained evolutionary computing: Case of product synthesis. Omega, 2008, 36, 1072-1085.	5.9	6
3565	Metaheuristics and Scheduling. , 0, , 33-68.		2
3566	A New Approach to Improve the Vote-Based Classifier Selection. , 2008, , .		14
3567	Evolutionary design of combinational digital circuits: State of the art, main problems, and future trends. , 2008, , .		12
3568	Combining Genetic Algorithms and FLDR for Real-Time Voice Command Recognition. , 2008, , .		1
3569	Construction of Bayesian Classifiers with GA for Predicting Customer Retention. , 2008, , .		2
3571	Modified BP Decoding Algorithms Combined with GA for Low-Density Parity Check Codes. , 2008, , .		5
3572	IKNOW: A Small LEO Satellite for W Band Experimentation. , 2008, , .		4

#	ARTICLE	IF	CITATIONS
3573	Application of Gene Expression Programming to Real Parameter Optimization. , 2008, , .		1
3574	FPGA implementation of Genetic Algorithms for frequency estimation in power systems. , 2008, , .		9
3575	Overload minimization approach for Transmission Expansion Planning using Genetic Algorithm. , 2008, , .		3
3576	Classification of genomic data: Some aspects of feature selection. Talanta, 2008, 76, 564-574.	5.5	13
3577	IPCS: An integrated process control system for enhanced in-situ bioremediation. Environmental Pollution, 2008, 151, 460-469.	7.5	10
3578	Transmission network expansion planning considering uncertainty in generation and demand. , 2008, , .		8
3579	Hybrid algorithm for adaptive IIR notch filter. , 2008, , .		1
3580	Theoretical foundations of automated synthesis using Bond-Graphs and genetic programming. , 2008, , .		0
3581	Protein similarity networks and Genetic Algorithm driven feature selection for fold recognition. , 2008, , .		2
3582	Hybrid Artificial Intelligent Algorithm for Call Admission Control in WCDMA Mobile Network. , 2008, , .		0
3583	Profit-Based Network Design in Express Courier Services. , 2008, , .		0
3584	Software Evolution Of A Hexapod Robot Walking Gait. , 2008, , .		8
3585	Unsupervised design of Artificial Neural Networks via multi-dimensional Particle Swarm Optimization. , 2008, , .		4
3586	Finding effective courses of action using particle swarm optimization. , 2008, , .		6
3587	A Heuristic Approach to Task Scheduling in Internet-Based Grids of Computers. , 2008, , .		1
3588	The effect of GA parameters on the performance of GA-based QoS routing algorithm. , 2008, , .		4
3589	Optimized linear discriminant analysis for extracting robust speech features. , 2008, , .		12
3590	Research on Coarse-grained Parallel Genetic Algorithm Based Grid Job Scheduling. , 2008, , .		2

#	ARTICLE	IF	CITATIONS
3591	Application of the extended Kalman filter in advanced control structure of a drive system with elastic joint. , 2008, , .		5
3592	Evolutionary Optimization of PowerElectronics Based Power Systems. IEEE Transactions on Power Electronics, 2008, 23, 1907-1917.	7.9	21
3593	Transmission network expansion planning considering multiple generation scenarios. , 2008, , .		9
3594	Accelerating 3D Medical Image Segmentation with High Performance Computing. , 2008, , .		2
3595	Texture synthesis using a combination of Cellular Neural Networks and Wei-Levoy method. , 2008, , .		0
3596	Application chaos map and genetic algorithm in binary image data hiding. , 2008, , .		0
3597	An efficient multicast routing in MANETs: A genetic algorithm approach. , 2008, , .		1
3598	A Self-Organization Genetic Algorithm with Cycle Mutation. , 2008, , .		0
3599	Fuzzy Entropy-based Object Segmentation with an Inertia-Adaptive PSO. , 2008, , .		0
3600	Hybrid Approach for Spectrum Bidding in Wireless Communications for Maximizing the Profit. , 2008, , .		0
3601	Implementation of SISO robust predictive control to a three tanks system. , 2008, , .		6
3602	Comparison of Heuristic Methods Applied to Optimization of Computer Networks. , 2008, , .		2
3603	EEG time series analysis with exponential autoregressive modelling. Canadian Conference on Electrical and Computer Engineering, 2008, , .	0.0	3
3604	The Optimization Solution in the Ordering and Transporting of Steel Tube Based on Genetic Simulated Annealing Algorithm. , 2008, , .		2
3605	A New Topology Optimization Method for Multi-physics Micro Domains. , 2008, , .		2
3606	Energy-aware multicast routing in MANETs based on genetic algorithms. , 2008, , .		4
3607	Efficient reconfiguration of logical topologies: Multiobjective design algorithm and adaptation policy. , 2008, , .		4
3608	Collaborative Transmission in Wireless Sensor Networks by a (1 + 1)-EA. , 2008, , .		5

#	ARTICLE	IF	CITATIONS
3609	A Genetic Algorithm based solution to three dimensional Direction of Arrival (DOA) problem. , 2008, , .		1
3610	Neural models for ambient temperature modelling. , 2008, , .		1
3611	Solving Shortest Path Problem Using Hopfield Networks and Genetic Algorithms. , 2008, , .		2
3612	Implementation of Traffic Engineering in NGNs Using Hybrid Genetic Algorithms. , 2008, , .		1
3613	Knowledge learning based evolutionary algorithm for unconstrained optimization problem. , 2008, , .		2
3614	An agent framework with an efficient information exchange model for distributed Genetic Algorithms. , 2008, , .		1
3615	A Genetic Algorithm Based Approach towards Induction motor starting with minimum torque pulsation. , 2008, , .		6
3616	Efficiency evaluation for collaborative design based on GA-BP algorithm. , 2008, , .		1
3617	MIMO robust predictive control applied to a three tanks system. , 2008, , .		1
3618	An Approach for Reducing Crosstalk in Restricted Channel Routing Using Graph Coloring Problem and Genetic Algorithm. , 2008, , .		2
3619	APPLYING DATA MINING TECHNIQUES FOR CANCER CLASSIFICATION ON GENE EXPRESSION DATA. Cybernetics and Systems, 2008, 39, 583-602.	2.5	15
3620	Efficient Software Test Case Generation Using Genetic Algorithm Based Graph Theory. , 2008, , .		24
3621	Optimal design of measurement-type current transformer using genetic algorithm. , 2008, , .		2
3622	Applying steady state in genetic algorithm for robot behaviors. , 2008, , .		5
3623	Development of a multi-layer genetic algorithm for maintenance scheduling in power systems. , 2008, , .		3
3624	Application of Multidimensional Selective Item Response Regression Model for Studying Multiple Gene Methylation in SV40 Oncogenic Pathways. Journal of the American Statistical Association, 2008, 103, 201-211.	3.1	1
3625	Modelling and Optimisation of Reheat Furnace. , 2008, , .		2
3626	Influence of Node Location Distributions on the Structure of Ad Hoc and Mesh Networks. , 2008, , .		10

#	ARTICLE	IF	CITATIONS
3627	Distributed multi-relational data mining based on genetic algorithm. , 2008, , .		3
3628	Path Planning of Holonomic and Non-Holonomic Robots Using Bump-Surfaces. Computer-Aided Design and Applications, 2008, 5, 497-507.	0.6	6
3629	Synchronization of Traffic Pattern in Mobile Ad-Hoc Network with Genetic Algorithm. , 2008, , .		1
3630	Quick response data mining model using genetic algorithm. , 2008, , .		5
3631	Computational Intelligence techniques for Web personalization. Web Intelligence and Agent Systems, 2008, 6, 253-272.	0.4	16
3632	Enhancing the Performance of the Fuzzy System Approach to Prediction. , 2008, , .		4
3633	Genetic improvements in illumination compensation by the discrete cosine transform and local normalization for face recognition. , 2008, , .		9
3634	Economizing Enhanced Fuzzy Morphological Associative Memory. , 2008, , .		1
3635	Task matching &#x00026; scheduling algorithm of hybrid avator team in collaborative virtual environments. , 2008, , .		0
3636	The application of hybrid artificial intelligence techniques in the optimisation of crude palm oil production. , 2008, , .		0
3637	Solving Parameter Identification Problem of Nonlinear Systems Using Differential Evolution Algorithm. , 2008, , .		3
3638	Finding the Smallest Ellipse Containing a Point Set based on Genetic Algorithms. , 2008, , .		3
3639	Speech Recognition System Based on Visual Feature for the Hearing Impaired. , 2008, , .		3
3640	Wavelet De-Noising for PD UHF Signals Based on Adaptive Thresholding by Genetic Algorithm. , 2008, , .		0
3641	Chaotic Parallel Genetic Algorithm with Variable-Scale Learning and Balancing Strategy of Ranking Individuals. , 2008, , .		1
3643	A stochastic nature inspired metaheuristic for clustering analysis. International Journal of Business Intelligence and Data Mining, 2008, 3, 30.	0.2	18
3644	Optimal Synthesis of Adjustable Linkages for Precise Continuous Path Generation Using the Optimal Link Length Adjustment. , 2008, , .		0
3645	Design of Self-Learning Fuzzy System by GA Approach. , 2008, , .		0

#	Article	IF	Citations
3646	Design of an evolutionary controller and its application. , 2008, , .		0
3647	A method for improving learning effect by using prediction model and an optimization algorithm. , 2008, , .		1
3648	The Implement Approach of Product Optimization for Variant Design Based on the Artificial Immune Algorithm. , 2008, , .		0
3649	A Monte Carlo Method for Estimating the Extended All-Terminal Reliability. , 2008, , .		1
3650	Optimizing Material Hoisting Operations and Storage Cells in Single Multi-storey Tower Block Construction by Genetic Algorithm. International Journal of Construction Management, 2008, 8, 53-64.	3.2	5
3651	The Strategy studying of air combat about the Unmanned Combat Air Vehicles. , 2008, , .		1
3652	Comparison of intelligent techniques to solve economic load dispatch with bilateral and multilateral transactions. , 2008, , .		4
3653	Exemplar-based Learning Classier System: Towards cargo layout optimization. , 2008, , .		0
3654	A Novel Genetic Algorithm Approach to Solve Map Colour Problem. , 2008, , .		2
3655	Research on optimization efficiency of Genetic Algorithms. , 2008, , .		4
3657	Optimal process design using soft computing approaches. , 2008, , .		3
3658	ATLAS: An adaptively formed hierarchical cell library based analog synthesis framework. , 2008, , .		2
3659	A Corporate Dividend Policy UJsing Human Knowledge Process Model. , 2008, , .		1
3660	Verification of Sampling Design for Water Distribution Networks Calibration. , 2008, , .		0
3661	Automatic test data generation using particle systems. , 2008, , .		5
3662	Multi-objective Optimization for Monitoring Sensor Placement in Water Distribution Systems. , 2008, , .		14
3663	Interactive Visualization for Evolutionary Optimization of Conceptual Rainfall-Streamflow Models. Journal of Computing in Civil Engineering, 2008, 22, 40-49.	4.7	2
3664	Error Correcting Output Codes Using Genetic Algorithm-Based Decoding. , 2008, , .		2

#	Article	IF	Citations
3665	Optimization and Computational Fluid Dynamics. , 2008, , .		85
3666	Optimization Algorithms for System Integration. Advances in Science and Technology, 0, , .	0.2	0
3667	Evolutionary Algorithms for the Determination of Critical Depths in Conduits. Journal of Irrigation and Drainage Engineering - ASCE, 2008, 134, 847-852.	1.0	2
3668	A Comparative Study of Stochastic and Deterministic Sampling Design for Model Calibration. , 2008, , .		1
3669	Focal-Mechanism Determination in Taiwan by Genetic Algorithm. Bulletin of the Seismological Society of America, 2008, 98, 651-661.	2.3	72
3670	Optimizing communications in vehicular ad hoc networks using evolutionary computation and simulation. , 2008, , .		5
3671	Automated Risk-Based Seismic Design Method for Optimal Structural and Non-Structural System Performance. , 2008, , .		0
3672	Multi-objective Optimization of Geometric Dimensions and Material Composition of Functionally Graded Components. AIP Conference Proceedings, 2008, , .	0.4	3
3673	Discovery of underlying morphological relations using an agglomerative clustering algorithm. , 2008, , .		0
3674	The Research on Image Classification of Remote Sensing Based on an Improved Neural Network. , 2008, , .		0
3675	GAVLC: GA with Variable Length Chromosome for the simultaneous design and stability analysis of T-S fuzzy controllers. , 2008, , .		5
3676	The simplest evolution/learning hybrid: LEM with KNN. , 2008, , .		5
3677	Topology optimization of fuzzy systems for response integration in ensemble neural networks: The case of fingerprint recognition. , 2008, , .		4
3678	A multiclass classifier using Genetic Programming. , 2008, , .		6
3679	A new on-line subspace-based identification algorithm for multivariable Hammerstein models. , 2008, , .		0
3680	Mathematical modeling with genetic algorithms of the impact of some marketing, innovation and environmental protection expenses in a firm. , 2008, , .		0
3681	Genetic Algorithm based multiuser detection in multi-carrier DS-CDMA system. , 2008, , .		0
3682	Research on bi-objective scheduling problems subjected to special process constraint on parallel machines. , 2008, , .		0

#	Article	IF	Citations
3683	A compensated-yaw-moment-based vehicle stability controller. , 2008, , .		3
3684	An Ant Colony Optimization using training data applied to UAV way point path planning in wind. , 2008, , .		12
3685	Behavourial Modeling in Mammography. , 2008, , .		0
3686	Evolutionary generation of rule base in TSK fuzzy model for real estate appraisal. , 2008, , .		5
3687	Parameters Optimization in a Production Line Using Genetic Algorithms. , 2008, , .		0
3688	Fuzzy model predictive control using Takagi-Sugeno model. , 2008, , .		1
3689	Reducing the computational cost for sound classification in hearing aids by selecting features via genetic algorithms with restricted search. , 2008, , .		8
3690	Automated modeling of the guidance of a K-9. , 2008, , .		3
3691	Research on the Fuzzy Genetic Algorithm Based on Level Characteristics. , 2008, , .		0
3692	Sampled-data output regulation for ships. , 2008, , .		1
3693	Genetic Algorithm Based Secure Authentication Protocol with Dual Central Server and Token Authentication in Large Scale Mobile Ad-Hoc Networks. , 2008, , .		1
3694	Particle Density Retrieval in Random Media Using a Percolation Model and a Particle Swarm Optimizer. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 213-216.	4.0	8
3695	Power generation loading optimization using a multi-objective constraint-handling method via PSO algorithm. , 2008, , .		4
3696	Study on the coal mine personnel position system based on wireless body sensor networks. , 2008, , .		6
3697	ATM Cell Scheduling and Learning by Function-Level Evolvable Hardware. , 2008, , .		1
3698	Optimal design of SVC-based subsynchronous damping control using genetic and simulated annealing algorithm. , 2008, , .		4
3699	Optimizing melting rate and fuel consumption of rotary furnace using NSGA -II. , 2008, , .		3
3700	A study on image merge method using genetic algorithm for image based e-learning system. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	1

#	ARTICLE	IF	CITATIONS
3701	A Steganographic Approach by Using Session Based Stego-Key, Genetic Algorithm and Variable Bit Replacement Technique. , 2008, , .		5
3702	Optimization of power electronic circuits using ant colony system. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	2
3703	Dictionary method for multiple soft and catastrophic fault diagnosis based on evolutionary computation. , 2008, , .		6
3704	Inference of large-scale structural features of gene regulation networks using genetic algorithms. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	0
3705	Design Variables Optimization of Mechanical Problems. , 2008, , .		0
3706	Co-evolution of sensing morphology and locomotion control of simulated Snakebot. , 2008, , .		1
3707	A comparison of genetic and particle swarm optimization for contact formation in high-performance silicon solar cells. , 2008, , .		4
3708	An empirical study of computational optimisation techniques for microstrip antennas. , 2008, , .		0
3709	Quantum-inspired immune evolutionary algorithm based parameter optimization for mixtures of kernels and its application to supervised anomaly IDSs. , 2008, , .		1
3710	Simulating Fuzzy Numbers for Solving Fuzzy Equations with Constraints. , 2008, , .		1
3711	The Optimal Rule Structure for Fuzzy Systems in Function Approximation by Hybrid Approach in Learning Process. , 2008, , .		6
3712	CERN printing infrastructure. Journal of Physics: Conference Series, 2008, 119, 082009.	0.4	2
3713	A modified tabu search strategy for multiple-response grinding process optimisation. International Journal of Intelligent Systems Technologies and Applications, 2008, 4, 97.	0.2	6
3714	The research on selection of attack target for arm. , 2008, , .		0
3715	Characteristics of the Light Reception Systems Concerning a Kenaf Individual Model. Journal of Thermal Science and Technology, 2008, 3, 511-522.	1.1	2
3716	Co-Evolutionary and Co-Existent Formation of Architectural Spaces using a Multiple Optimization System. Journal of Computational Science and Technology, 2008, 2, 371-380.	0.4	0
3717	Solving the platform selection problem using an evolutionary algorithm. International Journal of Computer Applications in Technology, 2008, 31, 215.	0.5	3
3718	Alleviating the bullwhip effect in supply chain management using the multi-agent approach: an empirical study. International Journal of Computer Applications in Technology, 2008, 31, 225.	0.5	5

#	ARTICLE	IF	CITATIONS
3719	Cocluster analysis of thalamo-cortical fibre tracts extracted from diffusion tensor MRI. International Journal of Data Mining and Bioinformatics, 2008, 2, 342.	0.1	5
3720	A genetic-based hybrid approach to corporate failure prediction. International Journal of Electronic Finance, 2008, 2, 241.	0.2	20
3721	A GA-based QoS multicast routing algorithm for large-scale networks. International Journal of High Performance Computing and Networking, 2008, 5, 381.	0.4	12
3722	Robust coordinated design of excitation and STATCOM-based controller using genetic algorithm. International Journal of Innovative Computing and Applications, 2008, 1, 244.	0.2	7
3723	A comprehensive solution to ATM network planning and bandwidth management using Genetic Algorithm. International Journal of Information and Communication Technology, 2008, 1, 398.	0.1	1
3724	Particle Swarm Optimised polynomial neural network for classification: a multi-objective view. International Journal of Intelligent Defence Support Systems, 2008, 1, 225.	0.1	2
3725	Agent-based evolutionary optimisation of trading strategies. International Journal of Intelligent Information and Database Systems, 2008, 2, 25.	0.3	2
3726	An intelligent systems framework for prototyping tactical driving decisions. International Journal of Intelligent Systems Technologies and Applications, 2008, 5, 20.	0.2	0
3727	Observational emergence in evolutionary fuzzy robotics. International Journal of Modelling, Identification and Control, 2008, 3, 88.	0.2	6
3728	AI-based project risk management process for a kind of manufacturing alliance. International Journal of Manufacturing Technology and Management, 2008, 13, 95.	0.1	1
3729	Operating parameters for a single-vendor multiple-buyers Vendor Managed Inventory System with Outsourcing. International Journal of Operational Research, 2008, 3, 336.	0.2	3
3730	Modelling of Fluidized Bed Degreasing (FBD) process by ANNs. International Journal of Surface Science and Engineering, 2008, 2, 294.	0.4	2
3731	The Attenuation of Seismic Intensity in Italy, Part II: Modeling and Validation. Bulletin of the Seismological Society of America, 2008, 98, 692-708.	2.3	70
3732	Supporting Air-Conditioning Controller Design Using Evolutionary Computation. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2008, 2, 108-118.	0.7	0
3733	STRUCTURAL ANALYSES OF PARETO OPTIMAL SETS IN MULTI-OBJECTIVE OPTIMIZATION. Journal of Environmental Engineering (Japan), 2008, 73, 283-289.	0.4	1
3734	Maintaining Multiple Populations with Different Diversities for Evolutionary Optimization Based on Probability Models. IPSJ Digital Courier, 2008, 4, 268-280.	0.3	1
3735	Multi-Objective System Optimization of Engine Crankshafts Using an Integration Approach. , 2008, , .		3
3736	GA based energy loss minimization approach for optimal sizing & placement of distributed generation. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2008, 12, 147-156.	1.0	31

#	Article	IF	Citations
3737	Performance Optimization of Discrete Wavelets Transform Based Image Watermarking Using Genetic Algorithms. Journal of Computer Science, 2008, 4, 834-841.	0.6	14
3738	GAMOT: AN EFFICIENT GENETIC ALGORITHM FOR FINDING CHALLENGING MOTIFS IN DNA SEQUENCES. , 2008, , .		2
3739	Iterative Deepening of Pareto Solutions in Water Sensor Networks. , 2008, , .		9
3740	Optimization of Offshore Structures Based on Linear Analysis of Wave-Body Interaction. , 2008, , .		5
3741	Design of a Supplementary Controller for SVC Using Immune Algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 4583-4587.	0.4	3
3742	Goal-Directed Therapy for General ICU Patients Using Aggregated Multi-Objective Optimisation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 9063-9068.	0.4	1
3743	Fixed-Point DSP Implementation of Nonlinear Hâˇž Controller for Large Gap Electromagnetic Suspension System. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 14223-14228.	0.4	0
3744	Assimilating Remote Sensing-Based ET into SWAP Model for Improved Estimation of Hydrological Predictions. , 2008, , .		7
3745	Design of Supplementary Controller for HVDC Using Memetic Algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 4566-4570.	0.4	1
3746	Parallel BMI Optimization using Unimodal Normal Distribution Crossover GA with Reduced-order Individual Expression. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 6125-6130.	0.4	0
3747	Possibilities of the Cross-Entropy Method Usage in the Control Theory. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 7796-7801.	0.4	2
3748	INCOHERENT QUANTUM CONTROL. , 2008, , .		1
3749	Multi-Site Calibration of the SWAT Model for Hydrologic Modeling. Transactions of the ASABE, 2008, 51, 2039-2049.	1.1	122
3750	Multi-objective optimisation of the fuel element plate of an Egyptian research reactor using genetic algorithms. International Journal of Nuclear Energy Science and Technology, 2008, 4, 165.	0.0	0
3751	Research on the evolutionary storage system. Proceedings of SPIE, 2008, , .	0.8	1
3752	Improved satellite image compression and reconstruction via genetic algorithms. Proceedings of SPIE, 2008, , .	0.8	7
3753	INVERSE SCATTERING OF AN UN-UNIFORM CONDUCTIVITY SCATTERER BURIED IN A THREE-LAYER STRUCTURE. Progress in Electromagnetics Research, 2008, 82, 1-18.	4.4	16
3754	A Mobile Robot Path Planning Using Genetic Algorithm in Static Environment. Journal of Computer Science, 2008, 4, 341-344.	0.6	194

#	ARTICLE	IF	CITATIONS
3755	Heterogeneous Expectations and Long Range Correlation of the Volatility of Asset Returns. SSRN Electronic Journal, 2008, , .	0.4	0
3756	A comprehensive analysis of hyper-heuristics. Intelligent Data Analysis, 2008, 12, 3-23.	0.9	212
3757	A Novel Class of Scheduling Policies for the Stochastic Resource-Constrained Project Scheduling Problem. SSRN Electronic Journal, 0, , .	0.4	2
3758	Optimal Placement of River Monitoring Stations. , 2008, , .		0
3759	A NOVEL DESIGN METHODOLOGY OF MULTI-CLAD SINGLE MODE OPTICAL FIBER FOR BROADBAND OPTICAL NETWORKS. Progress in Electromagnetics Research, 2008, 80, 253-275.	4.4	14
3760	DESIGN OPTIMIZATION OF VEHICLE SUSPENSIONS WITH A QUARTER-VEHICLE MODEL. Transactions of the Canadian Society for Mechanical Engineering, 2008, 32, 297-312.	0.8	12
3761	IMAGE RECONSTRUCTION OF THE BURIED METALLIC CYLINDER USING FDTD METHOD AND SSGA. Progress in Electromagnetics Research, 2008, 85, 195-210.	4.4	13
3762	Modeling Network Intrusion Detection System Using Feature Selection and Parameters Optimization. IEICE Transactions on Information and Systems, 2008, E91-D, 1050-1057.	0.7	6
3763	Advanced Synthesis of the DELTA Parallel Robot for a Specified Workspace. , 0, , .		10
3764	Ex-Vessel Pricing and IFQs: A Strategic Approach. SSRN Electronic Journal, 2008, , .	0.4	0
3765	Multi-objective Uniform-diversity Genetic Algorithm (MUGA). , 2008, , .		12
3766	Ecological Models, Optimization. , 2008, , 1058-1064.		1
3767	Local Autonomous Robot Navigation Using Potential Fields. , 2008, , .		20
3768	Application of Artificial Evolution to Obstacle Detection and Mobile Robot Control. , 2008, , .		0
3770	Balancing Exploration and Exploitation through Structural Design: The Isolation of Subgroups and Organization Learning. SSRN Electronic Journal, 0, , .	0.4	7
3771	INTRODUCCIÃ"N DE ELEMENTOS DE MEMORIA EN EL MÃ‰TODO SIMULATED ANNEALING PARA RESOLVER PROBLEMAS DE PROGRAMACIÃ"N MULTIOBJETIVO DE MÃQUINAS PARALELAS. Ingeniare, 2008, 16, .	0.3	3
3772	An Expanded Lateral Interactive Clonal Selection Algorithm and Its Application. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2008, E91-A, 2223-2231.	0.3	14
3773	An Optimization Model and GA for Solving Machine and Process Selection Problems in Manufacturing Systems. Journal of King Saud University, Engineering Sciences, 2008, 20, 83-93.	2.0	0

#	Article	IF	Citations
3774	Kinematic Parameters Auto-Calibration of Redundant Planar 2-DOF Parallel Manipulator. , 2008, , .		2
3775	Using optimisation techniques for discretizing rough set partitions. International Journal of Hybrid Intelligent Systems, 2008, 5, 219-236.	1.2	5
3776	The influence of search mechanisms in feature subset selection processes. Intelligent Decision Technologies, 2008, 2, 231-238.	0.9	3
3777	SHAPE OPTIMIZATION USING GENETIC ALGORITHMS AND LASER BEAM PROPAGATION FOR THE DETERMINATION OF THE DIFFUSION COEFFICIENT IN A HOT TURBULENT JET OF AIR. Progress in Electromagnetics Research B, 2008, 4, 211-221.	1.0	22
3778	Evolutionary Systems Identification: New Algorithmic Concepts and Applications. , 0, , .		0
3779	Incremental evolution of a signal classification hardware architecture for prosthetic hand control. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2008, 12, 187-199.	1.0	2
3780	Approaches to the Travelling Salesman Problem Using Evolutionary Computing Algorithms. , 2008, , .		3
3781	Evolutionary Multi-Objective Robust Optimization. , 0, , .		15
3782	A fuzzy numeric inference strategy for classification and regression problems. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2008, 12, 255-269.	1.0	4
3783	Automatic Estimation of Parameters of Complex Fuzzy Control Systems. , 0, , .		1
3784	Development of a Multi-Objective Optimization Tool for the Selection and Placement of BMPs for Pesticide Control. , 2008, , .		0
3785	A hybrid intelligent approach for output projection in a semiconductor fabrication plant. Intelligent Data Analysis, 2008, 12, 129-144.	0.9	3
3786	The Optimization Model and Algorithm for EMU Routing of Passenger Dedicated Line. , 2009, , .		0
3787	An Improved Genetic Algorithm Based on Adaptive Repair Operator for Solving the Knapsack Problem. Journal of Computer Science, 2009, 5, 544-547.	0.6	4
3788	COMPARISON OF ADAPTIVE-NETWORK-BASED FUZZY INFERENCE SYSTEM MODELS FOR ANALYSIS OF CONDUCTOR-BACKED ASYMMETRIC COPLANAR WAVEGUIDES. Progress in Electromagnetics Research M, 2009, 8, 1-13.	0.9	5
3789	Solving the Traveling Salesman Problem Using New Operators in Genetic Algorithms. American Journal of Applied Sciences, 2009, 6, 1586-1590.	0.2	12
3790	Speaking Plant/Fruit Approach for Greenhouses and Plant Factories. Environmental Control in Biology, 2009, 47, 55-72.	0.7	6
3791	An evolutionary multiclass algorithm for automatic classification of high range resolution radar targets. Integrated Computer-Aided Engineering, 2009, 16, 51-60.	4.6	8

#	Article	IF	Citations
3792	Water Distribution System Optimisation Accounting for a Range of Future Possible Carbon Prices. , 2009, , .		7
3793	DESIGN OF A WIDEBAND ESPAR ANTENNA FOR DVB-T RECEPTION. Progress in Electromagnetics Research B, 2009, 12, 183-199.	1.0	6
3794	Toward Optimal Query Execution in Data Grids. , 0, , .		0
3795	A New Pattern Recognition Technique in Non Destructive Testing by the Use of Linear Discriminate Analysis. Modern Applied Science, 2009, 3, .	0.6	4
3796	Artificial Fish Swarm Algorithm-Assisted and Receive-Diversity Aided Multi-user Detection for MC-CDMA Systems. Journal of Computer and Information Science, 2009, 2, .	0.3	1
3797	Optimal design of hydrofoil and marine propeller using micro-genetic algorithm (ÃŽÂ¼GA). Journal of Naval Architecture and Marine Engineering, 2009, 1, 47-61.	1.2	10
3798	Determination of optimal mutation interval for Âµga leased on the performance analysis of GA and ÂµGA. , 2009, , .		2
3799	A Minimizing Cost of Transport Gabage in Nonsung District Nakhon Ratchasima Province, Thailand. American Journal of Applied Sciences, 2009, 6, 285-289.	0.2	1
3800	Enhanced Particle Swarm Optimization for Design and Optimization of Frequency Selective Surfaces and Artificial Magnetic Conductors. , 0, , .		1
3801	WATERMARKING FOR 3D POLYGONS USING WAVELET TRANSFORM AND MODIFIED TRAVELING SALESMAN PROBLEM. Journal of the Operations Research Society of Japan, 2009, 52, 402-416.	0.2	2
3802	PASSIVE STIFFNESS AND VISCOSITY OF DYNAMIC LEG MODEL: COMPARISON BETWEEN GA AND PSO. , 2009, , .		3
3803	Enhancing network based intrusion detection for imbalanced data. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2009, 12, 357-367.	1.0	11
3804	A GA approach for traffic matrix estimation. , 2009, , .		1
3805	Optimization of Hybrid and Local Search Algorithms for Standard Cell Placement in VLSI Design. , 2009, , .		4
3806	Adaptive Plan system with Genetic Algorithm using the Variable Neighborhood range Control. , 2009, , .		6
3807	Head motion stabilization during quadruped robot locomotion: Combining dynamical systems and a genetic algorithm. , 2009, , .		18
3808	Evolutionary Algorithm Based Radial Basis Function Neural Network for Function Approximation. , 2009, , .		0
3809	Improving fuzzy-based axon segmentation with genetic algorithms: The IEEE Congress on Evolutionary Computation. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
3810	MAHATMA: A Genetic Programming-Based Tool for Protein Classification. , 2009, , .		1
3811	Hybrid intelligent systems applied to the pursuit-evasion game. , 2009, , .		10
3812	NSGA-II Algorithms for Multi-Objective Short-Term Hydrothermal Scheduling. , 2009, , .		6
3813	Binary Representation in Gene Expression Programming: Towards a Better Scalability. , 2009, , .		0
3814	A preliminary study into optimising the shape of a wave energy collector using a genetic algorithm. , 2009, , .		1
3815	Solving Optical Skin Simulation Model Parameters Using Genetic Algorithm. , 2009, , .		4
3816	Data classification with a generalized Gaussian components based density estimation algorithm. , 2009, , .		2
3817	An Isoline Genetic Algorithm. , 2009, , .		1
3818	Improving the success of recombination by varying broodsize and sibling rivalry. , 2009, , .		1
3819	Image classification and processing using modified parallel-ACTIT. , 2009, , .		3
3820	Dynamic heuristics for the generalized job-shop scheduling problem. , 2009, , .		5
3821	VHDL design automation using evolutionary computation. , 2009, , .		1
3822	Method of Inequality-Based Multi-Objective Genetic Algorithm for Course Scheduling Model. , 2009, , .		0
3823	Grammatical Concept Representation for Randomised Optimisation Algorithms in Relational Learning. , 2009, , .		0
3824	A Comparison of Genotype Representations to Acquire Stock Trading Strategy Using Genetic Algorithms. , 2009, , .		6
3825	Genetic Algorithms for MLP Neural Network parameters optimization. , 2009, , .		3
3826	Minimizing risk on a fleet mix problem with a multiobjective evolutionary algorithm. , 2009, , .		8
3827	Sub-ontology modularization for large-scale web ontologies. , 2009, , .		0

#	Article	IF	Citations
3828	Bio-inspired machine learning in microarray gene selection and cancer classification. , 2009, , .		2
3829	Positioning accuracy enhancement using localization error modeling. , 2009, , .		2
3830	A Study of Convergence of the Majority Genetic Algorithm with Infinite Size Population. , 2009, , .		0
3831	Finding a hybrid genetic algorithm-constraint satisfaction problem based solution for resource constrained project scheduling. , 2009, , .		2
3832	Multi-objective behavior coordination based on sensory network for multiple mobile robots. , 2009, , .		1
3833	Coal demand estimating in Iran based on socio-economic indicators using particle swarm optimisation and genetic algorithm. , 2009, , .		0
3834	Service cost and waiting time-a multi-objective optimization scenario. , 2009, , .		1
3835	Comparison of watermarking algorithms via a GA-based benchmarking tool. , 2009, , .		3
3836	Determination of worst case loading margin using Genetic Algorithm. , 2009, , .		0
3837	A new robotic platform for human robot interaction. , 2009, , .		0
3838	Robust model for Job Shop scheduling with uncertain processing times. , 2009, , .		0
3839	Diagnosis support using fuzzy cognitive maps combined with genetic algorithms. , 2009, 2009, 6226-9.		6
3840	Developing integrated fuzzy guidance law for aerodynamic homing missiles by genetic algorithm. , 2009, , .		1
3841	Direct and explicit building blocks identification and composition algorithm. , 2009, , .		1
3842	Multi-Criteria Decision Making under Uncertainty in Rainfall-Runoff Calibration: A Fuzzy Compromise Programming Approach Based on Alpha Level Sets. , 2009, , .		2
3843	Intelligent Random Sequence Generating. , 2009, , .		3
3844	Specialised aperiodic excitation and wavelet transform improves analogue fault diagnosis. , 2009, , .		3
3845	Using genetic algorithms for the construction of a space mission automaton. , 2009, , .		7

#	ARTICLE	IF	CITATIONS
3846	Robust parameter identification with adaptive sparse grid-based optimization for nonlinear systems biology models. , 2009, , .		5
3847	Grid resource scheduling algorithm based on QoS guided GA. , 2009, , .		2
3848	A hybrid MGA-BP algorithm for RBFNs self-generate. , 2009, , .		0
3849	Multiple Targets Tracking Using Attention GA. , 2009, , .		1
3850	Magnetic field reduction by optimal connection for power transmission lines with underground power cables. , 2009, , .		0
3851	Optimization with Scilab, present and future. , 2009, , .		6
3852	Quality of Gene Order Calculated by Ant Colony Algorithm is Sensitive to Distance Formula. , 2009, , .		4
3853	A novel hybrid learning technique applied to a self-learning multi-robot system. , 2009, , .		8
3854	A Novel Genetic Algorithm for Traveling Salesman Problem Based on Neighborhood Code. , 2009, , .		1
3855	Designing multiple inverter systems with evolutionary multiobjective optimisation. , 2009, , .		3
3856	Partitional Clustering using a Generalized Visual Stochastic Optimizer. , 2009, , .		0
3857	Systematical determination of load flow cases for power system planning. , 2009, , .		3
3858	Research of Multi-Task Logistic Alliance Operation Mechanism Based on Negotiation. , 2009, , .		0
3859	Shrinking Neighborhood Evolution--a novel stochastic algorithm for numerical optimization. , 2009, , .		0
3860	Trend Analysis of Machine Learning - A Text Mining And Document Clustering Methodology. , 2009, , .		2
3861	GA Approach for Designing Fuzzy Model with Wavelet Transforms. , 2009, , .		0
3862	A new path planning method based on vector models in a strait static environment. , 2009, , .		2
3863	A Novel Clustering Algorithm for Graphs. , 2009, , .		3

#	Article	IF	Citations
3864	CT Image Segmentation by Using a FHNN Algorithm Based on Genetic Approach. , 2009, , .		2
3865	To explore or to exploit: An entropy-driven approach for evolutionary algorithms. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2009, 13, 185-206.	1.0	21
3866	Evolutionary algorithm for PCB inspection. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2009, 13, 91-101.	1.0	0
3867	Immune clonal selection algorithm for hybrid flow-shop scheduling problem. , 2009, , .		4
3868	The Task Assignment Solution for Multi-Target Pursuit Problem. , 2009, , .		1
3869	A generalized c-means clustering model using optimized via evolutionary computation. , 2009, , .		1
3870	Optimization of Software Testing Using Genetic Algorithm. Communications in Computer and Information Science, 2009, , 350-351.	0.5	2
3871	Optimisation of surface roughness in hard turning AISI D2 steel using TSK-type fuzzy logic rules. International Journal of Materials and Product Technology, 2009, 35, 167.	0.2	1
3872	Multi-agent-based clustering approach to wireless sensor networks. International Journal of Wireless and Mobile Computing, 2009, 3, 165.	0.2	21
3873	Early detection of foot ulcers through asymmetry analysis. , 2009, , .		13
3874	Solution Space Reduction of Simulated Evolution Algorithm for Solving Standard Cell Placement Problem. , 2009, , .		0
3875	A model of stochastic inventory management with intellectual search method. , 2009, , .		0
3876	Two Problems in Genetic Algorithm with Chromosome Differentiation. , 2009, , .		1
3877	Self-adaptive Genetic Algorithm and Application in Landslide Harnessing. , 2009, , .		0
3878	Forecasting tourist arrivals to Balearic Islands using genetic programming. International Journal of Computational Economics and Econometrics, 2009, 1, 64.	0.1	15
3879	An evolutionary programming approach for solving the capacitated facility location problem with risk pooling. International Journal of Applied Decision Sciences, 2009, 2, 389.	0.3	38
3880	The Convergence Analysis of Genetic Algorithm Based on Space Mating. , 2009, , .		2
3881	Design and Implementation of a Patterns Recognition System for Analysis of Biological Liquids. IEEE Latin America Transactions, 2009, 7, 12-26.	1.6	1

#	Article	IF	Citations
3882	Optimal placement of FACTS units for minimizing the impact of voltage sags in power networks with high wind energy penetration. , 2009, , .		1
3883	An Optimized Image Retrieval Method Based on Hierarchal Clustering and Genetic Algorithm. , 2009, , .		2
3884	The Double Digest Problem: finding all solutions. International Journal of Bioinformatics Research and Applications, 2009, 5, 570.	0.2	3
3885	Pyevolve. ACM SIGEVOlution, 2009, 4, 12-20.	0.5	89
3886	Solving the economic dispatch problem by using differential evolution. , 2009, , .		10
3887	A Rapid Optimization Prototyping Tool for Spreadsheet-Based Models. , 2009, , .		5
3888	A New Differential Evolution Algorithm and Its Application to Real Life Problems. , 2009, , .		0
3889	Analysis and improvement of the genetic discovery component of XCS. International Journal of Hybrid Intelligent Systems, 2009, 6, 81-95.	1.2	5
3890	Feature Based Affine Invariant Watermarking Robust to Geometric Distortions. Fundamenta Informaticae, 2009, 92, 131-143.	0.4	4
3891	A Multi-swarm Approach to Multi-objective Flexible Job-shop Scheduling Problems. Fundamenta Informaticae, 2009, 95, 465-489.	0.4	27
3892	Improved Resulted Word Counts Optimizer for Automatic Image Annotation Problem. Fundamenta Informaticae, 2009, 96, 435-463.	0.4	0
3893	Optimal Design of Isolation Valve System for Water Distribution Networks. , 2009, , .		1
3894	GHEA2: A Non Pareto Evolutionary Technique for Multiobjective Optimization. , 2009, , .		0
3895	An Improved Fitness Function and Mutation Operator for Metaheuristic Approaches to the Bandwidth Minimization Problem. , 2009, , .		2
3896	Optimized satellite image compression and reconstruction via evolution strategies. , 2009, , .		10
3897	Wrapping VRXQuery with self-adaptive fuzzy capabilities. Web Intelligence and Agent Systems, 2009, 7, 269-279.	0.4	4
3898	Cooperative multi-robot path planning using differential evolution. Journal of Intelligent and Fuzzy Systems, 2009, 20, 13-27.	1.4	57
3899	CalBack: Enhancing Caltrans Mechanistic-Empirical Pavement Design Process with New Back-Calculation Software. Journal of Transportation Engineering, 2009, 135, 479-488.	0.9	9

#	Article	IF	Citations
3900	Applying genetic algorithm to select an optimal cricket team. , 2009, , .		10
3901	Application of Genetic Algorithms for Estimation of Flood Routing Model Parameters. , 2009, , .		2
3902	Nested Heuristic and Gradient-based Method for Generalized Disjunctive Programming. Computer Aided Chemical Engineering, 2009, 27, 867-872.	0.5	0
3903	A Hybrid Load Balancing Strategy of Sequential Tasks for Computational Grids. , 2009, , .		11
3904	Communicating neurons: A connectionist spiking neuron implementation of stochastic diffusion search. Neurocomputing, 2009, 72, 704-712.	5.9	6
3905	Characterization of the convergence of stationary Fokkerâ€"Planck learning. Neurocomputing, 2009, 72, 3602-3608.	5.9	2
3906	RBT-GA: a novel metaheuristic for solving the multiple sequence alignment problem. BMC Genomics, 2009, 10, S10.	2.8	48
3907	Genetic Algorithm Aided Design of Component Codes for Irregular Variable Length Coding. IEEE Transactions on Communications, 2009, 57, 1290-1297.	7.8	17
3908	Search, Neutral Evolution, and Mapping in Evolutionary Computing: A Case Study of Grammatical Evolution. IEEE Transactions on Evolutionary Computation, 2009, 13, 566-590.	10.0	11
3909	Maximizing the Average Spectral Efficiency of Dual-Branch MIMO Systems With Discrete-Rate Adaptation. IEEE Transactions on Vehicular Technology, 2009, 58, 1003-1011.	6.3	1
3910	Local search: A guide for the information retrieval practitioner. Information Processing and Management, 2009, 45, 159-174.	8.6	7
3911	Microkinetic analysis of the epoxidation of styrene catalyzed by (porphyrin)Mn encapsulated in molecular squares. Journal of Catalysis, 2009, 266, 145-155.	6.2	12
3912	Economic optimization of the combined cycle integrated with multi-product gasification system. Energy Conversion and Management, 2009, 50, 309-318.	9.2	8
3913	Improve accuracy of laser beam width measurement using a genetic algorithm. Optics and Lasers in Engineering, 2009, 47, 1091-1096.	3.8	5
3914	A novel parameter decomposition based optimization approach for automatic pose estimation of distal locking holes from single calibrated fluoroscopic image. Pattern Recognition Letters, 2009, 30, 838-847.	4.2	4
3915	The computing of the optimal power consumption for semi-track air-cushion vehicle using hybrid generalized extremal optimization. Applied Mathematical Modelling, 2009, 33, 2831-2844.	4.2	18
3916	Efficient spectrum utilization via cross-layer optimization in distributed cognitive radio networks. Computer Communications, 2009, 32, 1931-1943.	5.1	24
3917	Evaluating classification performances of single-layer perceptron with a Choquet fuzzy integral-based neuron. Expert Systems With Applications, 2009, 36, 1793-1800.	7.6	7

#	ARTICLE	IF	CITATIONS
3918	GA-based H2/Hâˆž static output feedback design with average performance concept and techniques of family of polynomials. Expert Systems With Applications, 2009, 36, 5859-5865.	7.6	4
3919	Recurrent neuro fuzzy control design for tracking of mobile robots via hybrid algorithm. Expert Systems With Applications, 2009, 36, 8993-8999.	7.6	29
3920	System identification: DNA computing approach. ISA Transactions, 2009, 48, 254-263.	5.7	7
3921	Models and algorithm for stochastic network designs. Tsinghua Science and Technology, 2009, 14, 341-351.	6.1	11
3922	Trajectory optimization of the exploration of asteroids using swarm intelligent algorithms. Tsinghua Science and Technology, 2009, 14, 7-11.	6.1	5
3923	A hybrid genetic algorithm model for transshipment management decisions. International Journal of Production Economics, 2009, 122, 703-713.	8.9	12
3924	Using a hybrid meta-evolutionary rule mining approach as a classification response model. Expert Systems With Applications, 2009, 36, 1999-2007.	7.6	11
3925	A hybrid system for planning the development level of resort. Expert Systems With Applications, 2009, 36, 6266-6275.	7.6	4
3926	Classification of educational backgrounds of students using musical intelligence and perception with the help of genetic neural networks. Expert Systems With Applications, 2009, 36, 6708-6713.	7.6	17
3927	Intelligent system for identification and replacement of faulty sensor measurements in Thermal Power Plants (IPPAMAS: Part 1). Expert Systems With Applications, 2009, 36, 8750-8757.	7.6	12
3928	Ant colony and particle swarm optimization for financial classification problems. Expert Systems With Applications, 2009, 36, 10604-10611.	7.6	89
3929	Potential offspring production strategies: An improved genetic algorithm for global numerical optimization. Expert Systems With Applications, 2009, 36, 11088-11098.	7.6	17
3930	A soft computing-based approach to spatio-temporal prediction. International Journal of Approximate Reasoning, 2009, 50, 3-20.	3.3	5
3931	Optimization of methanol synthesis and cyclohexane dehydrogenation in a thermally coupled reactor using differential evolution (DE) method. International Journal of Hydrogen Energy, 2009, 34, 6930-6944.	7.1	81
3932	Accurate intraocular pressure prediction from applanation response data using genetic algorithm and neural networks. Journal of Biomechanics, 2009, 42, 2301-2306.	2.1	10
3933	Bandgap calculation in Si quantum dot arrays using a genetic algorithm. Physica E: Low-Dimensional Systems and Nanostructures, 2009, 41, 1712-1717.	2.7	7
3934	Using genetic algorithms to characterize ferrofluid topographies in externally applied magnetic fields. Journal of Magnetism and Magnetic Materials, 2009, 321, 267-272.	2.3	2
3935	On the design of an global intrusion tolerance network architecture against the internet catastrophes. Journal of Systems and Software, 2009, 82, 1313-1325.	4.5	0

#	Article	IF	Citations
3936	Genetic algorithms: A global search tool to find optimal equivalent source sets. Journal of Sound and Vibration, 2009, 322, 282-298.	3.9	7
3937	The evolutionary perspective of knowledge creation â€" A mathematical representation. Knowledge-Based Systems, 2009, 22, 430-438.	7.1	22
3938	Tradeoff analysis of non-linear dynamical systems under stochastic excitation. Probabilistic Engineering Mechanics, 2009, 24, 585-599.	2.7	6
3939	A DNA based genetic algorithm for parameter estimation in the hydrogenation reaction. Chemical Engineering Journal, 2009, 150, 527-535.	12.7	49
3940	Modeling and simulation of simulated countercurrent moving bed chromatographic reactor for oxidative coupling of methane. Chemical Engineering Science, 2009, 64, 5143-5152.	3.8	14
3941	Constrained optimization using CODEQ. Chaos, Solitons and Fractals, 2009, 42, 662-668.	5.1	49
3942	Spatial regression analysis of NOx and O3 concentrations in Madrid urban area using Radial Basis Function networks. Chemometrics and Intelligent Laboratory Systems, 2009, 99, 79-90.	3.5	5
3943	Multi-objective genetic local search algorithm using Kohonenâ€™s neural map. Computers and Industrial Engineering, 2009, 56, 1566-1576.	6.3	36
3944	Global search algorithm for automated maintenance planning and scheduling of parts requests. Computers and Operations Research, 2009, 36, 1751-1757.	4.0	2
3945	Interval-indexed formulation based heuristics for single machine total weighted tardiness problem. Computers and Operations Research, 2009, 36, 2122-2131.	4.0	5
3946	On the performance of the LP-guided Hopfield network-genetic algorithm. Computers and Operations Research, 2009, 36, 2210-2216.	4.0	5
3947	Modeling and genetic algorithm optimization of early events in signal transduction via dynamics of G-protein-coupled receptors: Internalization consideration. Applied Mathematics and Computation, 2009, 207, 528-544.	2.2	1
3948	Cooling system optimisation of turbine guide vane. Applied Thermal Engineering, 2009, 29, 567-572.	6.0	23
3949	Improving evolvable hardware by applying the speciation technique. Applied Soft Computing Journal, 2009, 9, 254-263.	7.2	6
3950	A fuzzy-driven genetic algorithm for sequence segmentation applied to genomic sequences. Applied Soft Computing Journal, 2009, 9, 488-496.	7.2	7
3951	MAkE: Multiobjective algorithm for k-way equipartitioning of a point set. Applied Soft Computing Journal, 2009, 9, 711-724.	7.2	2
3952	Optimization of network planning by the novel hybrid algorithms of intelligent optimization techniques. Energy, 2009, 34, 1539-1551.	8.8	19
3953	Simulationâ€"optimization mechanism for expansion strategy using real option theory. Expert Systems With Applications, 2009, 36, 829-837.	7.6	14

#	ARTICLE	IF	CITATIONS
3954	Comparison of adaptive-network-based fuzzy inference systems for bandwidth calculation of rectangular microstrip antennas. Expert Systems With Applications, 2009, 36, 3522-3535.	7.6	9
3955	Combination of genetic algorithm with Lagrange multipliers for lot-size determination in multi-stage production scheduling problems. Expert Systems With Applications, 2009, 36, 10180-10187.	7.6	15
3956	A genetic algorithm approach to determine the sample size for attribute control charts. Information Sciences, 2009, 179, 1552-1566.	6.9	51
3957	Estimating software readiness using predictive models. Information Sciences, 2009, 179, 430-445.	6.9	22
3958	A multi-modal immune algorithm for the job-shop scheduling problem. Information Sciences, 2009, 179, 1516-1532.	6.9	69
3959	BAIS: A Bayesian Artificial Immune System for the effective handling of building blocks. Information Sciences, 2009, 179, 1426-1440.	6.9	30
3960	An experimental study on the applicability of evolutionary algorithms to craniofacial superimposition in forensic identification. Information Sciences, 2009, 179, 3998-4028.	6.9	51
3961	Chromosome refinement for optimising multiple supply chains. Information Sciences, 2009, 179, 2403-2415.	6.9	7
3962	Mathematical study of trade-off relations in logistics systems. Journal of Computational and Applied Mathematics, 2009, 232, 122-126.	2.0	3
3963	Evolutionary generation of unique input/output sequences for class behavioral testing. Computers and Mathematics With Applications, 2009, 57, 1800-1807.	2.7	9
3964	Modeling of a hemispherical inductively coupled plasma using neural network. Current Applied Physics, 2009, 9, 13-17.	2.4	1
3965	Swarm intelligence based wavelet coefficient feature selection for mass spectral classification: An application to proteomics data. Analytica Chimica Acta, 2009, 651, 15-23.	5.4	16
3966	Analysis of near-field control in a single-nanoparticle system. , 2009, , .		0
3967	HTML integrity authentication based on fragile digital watermarking. , 2009, , .		3
3968	A novel technique to design a fuzzy logic controller using Q(λ)-learning and genetic algorithms in the pursuit-evasion game. , 2009, , .		9
3969	Optimization of phase angle measurement unit placement. , 2009, , .		0
3970	Software Component Retrieval Using Genetic Algorithms. , 2009, , .		11
3971	Optimal RFID networks scheduling using genetic algorithm and swarm intelligence. , 2009, , .		10

#	Article	IF	Citations
3972	A Differential Evolution algorithm for restrictive channel routing problem in VLSI circuit design. , 2009, , .		4
3973	Improvement of power system transient stability by two control methods: Study and simulation. , 2009, , .		0
3974	Evolution of co-operative communication signals in artificial societies. , 2009, , .		0
3975	A memetic algorithm for optimizing high-inclination multiple gravity-assist orbits. , 2009, , .		3
3976	Genetic algorithm based search of parameters for fabrication of uniform porous silicon nanostructure. Computational Materials Science, 2009, 45, 60-64.	3.0	7
3977	Genetic algorithm approach to calculation of the ground-state configurations of 2D clusters of non-uniformly charged classical particles. Computational Materials Science, 2009, 45, 122-126.	3.0	3
3978	Efficient data assimilation method based on chaos theory and Kalman filter with an application in Singapore Regional Model. Journal of Hydro-Environment Research, 2009, 3, 85-95.	2.2	4
3979	Optimal location of series FACTS devices to control line overloads in power systems with high wind feeding. , 2009, , .		7
3980	Direct solution of the parametric Stochastic Distribution Control problem. , 2009, , .		0
3981	Genetic Algorithm for Solving Problems in Emergency Management. , 2009, , .		4
3982	Modeling Service-Oriented Context Processing in Dynamic Body Area Networks. IEEE Journal on Selected Areas in Communications, 2009, 27, 49-57.	14.0	12
3983	Optimal operation of pipeline systems using Genetic Algorithm. , 2009, , .		4
3984	Using GA-based feature selection for emotion recognition from physiological signals. , 2009, , .		7
3985	Fault Location and Voltage Estimation in Transmission Systems by Evolutionary Algorithms. , 2009, , .		3
3986	Comparison of Intelligent Techniques to Solve Economic Load Dispatch Problem with Line Flow Constraints. , 2009, , .		6
3987	A genetic algorithm for side information enhancement in distributed video coding. , 2009, , .		2
3988	An Improved Particle Swarm Algorithm for Search Optimization. , 2009, , .		2
3989	Grouping genetic algorithm for solving the serverconsolidation problem with conflicts. , 2009, , .		29

#	ARTICLE	IF	CITATIONS
3990	Improvement of speech enhancement techniques for robust speaker identification in noise. , 2009, , .		6
3991	A fuzzy model-based community simulator for behavior analysis in virtual theme park. , 2009, , .		2
3992	Evolutionary optimization in dynamic environment. , 2009, , .		2
3993	An integrated approach to the lot sizing and cutting stock problems. , 2009, , .		5
3994	Optimization of cascade stilling basins using GA and PSO approaches. Journal of Hydroinformatics, 2009, 11, 119-132.	2.4	12
3995	Study on the Site Selection Model of Logistics Distribution Center under Supply Chain Management. , 2009, , .		0
3996	PARMETAOPT &#x2014; Parallel metaheuristics framework for combinatorial optimization problems. , 2009, , .		0
3997	Genetic Algorithm approach to Dynamic Multi Constraint Multi Path QoS Routing Algorithm for IP networks (GA-DMCMPRA). , 2009, , .		1
3998	GAKC: A New GA-Based k Clustering Algorithm. , 2009, , .		3
3999	Fuzzy Logic Based Guidance to Graph Grammar Framework for Automated Analog Circuit Design. , 2009, , .		2
4000	A new approach for the genetic algorithm. Journal of Statistical Computation and Simulation, 2009, 79, 275-297.	1.2	4
4001	An Efficient Parallel Algorithm for Solving Cryptarithmetic Problems: PGA. , 2009, , .		1
4002	Discovery of Exceptions: A Step towards Perfection. , 2009, , .		3
4003	Interactive evolutionary computation for robot design support system. , 2009, , .		1
4004	Constructing Fuzzy System Directly from Numerical Data Based on GA. , 2009, , .		0
4005	Parallel probabilistic model-building genetic algorithms with elitism. , 2009, , .		1
4006	Towards the Evolutionary Process Algebra. , 2009, , .		0
4007	Constructions of equiangular tight frames with Genetic Algorithms. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
4008	Multi-dimensional Particle Swarm Optimization for dynamic clustering. , 2009, , .		4
4009	Optimal design of a parallel Hybrid Electric Vehicle using multi-objective genetic algorithms. , 2009, , .		49
4010	Investment Prioritizing in Distribution Systems Based on Multi Objective Genetic Algorithm. , 2009, , .		4
4011	Gait learning method for quadrupedal robot based on subjective human feeling. , 2009, , .		0
4012	The Optimal Development of Water Resources in the Region Based on Fuzzy Optimization and Multi-Objective Genetic Algorithm. , 2009, , .		0
4013	Stochastic approximation driven Particle Swarm Optimization. , 2009, , .		1
4014	Data Distribution Strategy Research on One Self-Managing Storage System. , 2009, , .		1
4015	Genetic design of planar magnetic coils for use in spin transport experiments. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	0
4016	Enhancement approaches of covering process for robot behaviors. , 2009, , .		0
4017	Estimating gasoline demand in Iran using different soft computing techniques. , 2009, , .		0
4018	Product Improvement by Selecting Appropriate Suppliers: A Case Study. , 2009, , .		0
4019	Heuristic method for transmission network expansion planning with security constraints and uncertainty in load specifications. , 2009, , .		2
4020	The integrated security system of the Senate of the Italian Republic. , 2009, , .		3
4021	Detection of Earth Surface Cracks Using Parallel Genetic Algorithm Based Thresholding. , 2009, , .		2
4022	Control of the TORA system using SIRMs based type-2 fuzzy logic. , 2009, , .		9
4023	Scheduling Meta-Tasks in Distributed Heterogeneous Computing Systems: A Meta-Heuristic Particle Swarm Optimization Approach. , 2009, , .		1
4024	On multivariate genetic systems. , 2009, , .		0
4025	Predicting protein subcellular locations for Gram-negative bacteria using neural networks ensemble. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
4026	On Channel Allocation for Heterogeneous Data Broadcasting. IEEE Transactions on Mobile Computing, 2009, 8, 694-708.	5.8	10
4027	A simplified Genetic Algorithm for online tuning of PID controller in LabView. , 2009, , .		5
4028	Optimization model for water distribution network considering minimization of total replacement cost and stabilization of flow velocity in pipelines. Desalination and Water Treatment, 2009, 2, 45-51.	1.0	8
4029	Partitioning strategy for LUT-based applications using genetic algorithms. , 2009, , .		0
4030	Application to GA-Based Fuzzy Control for Nonlinear Systems with Uncertainty. , 2009, , .		0
4031	Computational intelligence approach to load forecasting - a practical application for the desert of Saudi Arabia. , 2009, , .		2
4032	Modifying Particle Swarm Optimisation and Genetic Algorithm for Solving Multiple Container Packing Problems. , 2009, , .		5
4033	Scheduling two-machine flow shop with a batch processing machine. , 2009, , .		0
4034	An integrated framework of hybrid evolutionary computations. , 2009, , .		0
4035	The Research of an Approach to Design Local Area Network Topology Based on Genetic Algorithm. , 2009, , .		3
4036	A PSO Algorithm with the Improved Diversity for Feedforward Neural Networks. , 2009, , .		2
4037	Optimizing Multiple Sequence Alignment by Improving Mutation Operators of a Genetic Algorithm. , 2009, , .		5
4038	Designing a multilayer microwave heating device using a multiobjective genetic algorithm. , 2009, , .		1
4039	Machine Learning Trend Anticipation by Text Mining Methodology Based on SSCI Database. , 2009, , .		1
4040	Modeling the Effects of Socioeconomic Factors in Highway Construction and Expansion. Journal of Transportation Engineering, 2009, 135, 990-998.	0.9	7
4041	Minimizing environmental electromagnetic field pollution adjusting transmitter parameters using genetic algorithm. , 2009, , .		5
4042	Application of Radial Basis Function Neural Network for Sales Forecasting. , 2009, , .		13
4043	Threats Identification in Healthcare Information Systems Using Genetic Algorithm and Cox Regression. , 2009, , .		5

#	ARTICLE	IF	CITATIONS
4044	H<inf>2</inf> optimal model reduction using Genetic Algorithms and Particle Swarm Optimization. , 2009, , .		1
4045	Multiobjective Evolutionary Decision Support for Designâ€"Supplierâ€"Manufacturing Planning. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2009, 39, 309-320.	2.9	25
4046	A variant of NSGA-II for solving priority based optimization problems. , 2009, , .		3
4047	Automatic Fuzzy Rules Generation Using Fuzzy Genetic Algorithm. , 2009, , .		15
4048	Assessment of the Replicate Compression Heuristic to Improve Efficiency of Urban Water Supply Headworks Optimization. Journal of Water Resources Planning and Management - ASCE, 2009, 135, 451-457.	2.6	0
4049	Nomadic genetic algorithm for multiple sequence alignment (MSANGA). International Journal of Adaptive and Innovative Systems, 2009, 1, 44.	0.1	7
4050	The online optimisation of stator vane settings in multi-stage axial compressors. International Journal of Advanced Mechatronic Systems, 2009, 1, 266.	0.2	2
4051	Exploring optimised route selection strategy in tree- and mesh-based multicast routing in MANETs. International Journal of Computer Applications in Technology, 2009, 35, 174.	0.5	3
4052	Intelligence-based automatic detection and classification of ground collapses using object-based image analysis method: a case study in Paitan of Pearl River delta. Proceedings of SPIE, 2009, , .	0.8	2
4053	Optimisation of software testing using Genetic Algorithm. International Journal of Artificial Intelligence and Soft Computing, 2009, 1, 363.	0.1	8
4054	Global maximum power point tracking for partially shaded PV arrays using particle swarm optimisation. International Journal of Renewable Energy Technology, 2009, 1, 211.	0.3	13
4055	Using Domain Specific Languages to Capture Design Synthesis Knowledge for Model-Based Systems Engineering. , 2009, , .		18
4056	New Algorithms for Locating Global Minima of Molecular Clusters: A Progress Report and Test Applications to Water Clusters (H[sub 2]O)[sub n], nâ‰¤34. , 2009, , .		7
4057	Genetic Algorithms and Ant Colony Approach for Gas-lift Allocation Optimization. Journal of the Japan Petroleum Institute, 2009, 52, 102-107.	0.6	17
4058	Car Navigation System Based on Hybrid Genetic Algorithm. , 2009, , .		6
4059	Identification of IIR systems using comprehensive learning particle swarm optimisation. International Journal of Power and Energy Conversion, 2009, 1, 105.	0.3	7
4060	A Parallel Approach for Entropy-based Micro GA. , 2009, , .		1
4061	Generalized Ising model for dynamic adaptation in autonomous systems. Europhysics Letters, 2009, 87, 10009.	2.0	20

#	Article	IF	Citations
4062	Classification in data mining for face images using neuro:genetic approaches. International Journal of Artificial Intelligence and Soft Computing, 2009, 1, 147.	0.1	0
4063	Fuzzy Optimal General Arrangements in Naval Surface Ship Design. Ship Technology Research, 2009, 56, 121-141.	2.5	3
4064	Deriving Empirical Ground-Motion Models: Balancing Data Constraints and Physical Assumptions to Optimize Prediction Capability. Bulletin of the Seismological Society of America, 2009, 99, 2335-2347.	2.3	14
4065	A statistics-based genetic algorithm for quality improvements of power supplies. European Journal of Industrial Engineering, 2009, 3, 468.	0.8	11
4066	Biological motifs designed using the principles of artificial life. International Journal of Advanced Intelligence Paradigms, 2009, 1, 318.	0.3	0
4067	FTL with feed-forward optimal design by discrete event production simulator with GA. International Journal of Adaptive and Innovative Systems, 2009, 1, 60.	0.1	0
4068	Evaluation of video news classification techniques for automatic content personalisation. International Journal of Advanced Media and Communication, 2009, 3, 383.	0.2	1
4069	Lexicographic multi-objective evolutionary induction of decision trees. International Journal of Bio-Inspired Computation, 2009, 1, 105.	0.9	32
4070	Non-linear system identification using particle swarm optimisation tuned radial basis function models. International Journal of Bio-Inspired Computation, 2009, 1, 246.	0.9	68
4071	A new hybrid multi-agent-based particle swarm optimisation technique. International Journal of Bio-Inspired Computation, 2009, 1, 259.	0.9	25
4072	A hybrid GA-ant colony approach for exploring the relationship between IT and firm performance. International Journal of Business Information Systems, 2009, 4, 542.	0.2	12
4073	Designing reverse logistics network for product recovery. International Journal of Business Performance and Supply Chain Modelling, 2009, 1, 257.	0.3	2
4074	Intelligent cluster algorithms for changing data structures. International Journal of Intelligent Defence Support Systems, 2009, 2, 105.	0.1	4
4075	A novel strategy for multi-resource load balancing in agent-based systems. International Journal of Intelligent Information and Database Systems, 2009, 3, 180.	0.3	0
4076	Buffer size decision for Flexible Transfer Line with Rework Paths using Genetic Algorithm. International Journal of Intelligent Systems Technologies and Applications, 2009, 7, 227.	0.2	4
4077	A multi-objective GA method for generating Pareto solutions for coordinated design of PSS and TCSC. International Journal of Intelligent Systems Technologies and Applications, 2009, 7, 430.	0.2	2
4078	Optimising a logistics system with multiple procurements and warehousing using endosymbiotic evolutionary algorithm. International Journal of Logistics Systems and Management, 2009, 5, 154.	0.2	3
4079	Application of goal programming technique for Electro Discharge Machining (EDM) characteristics of cemented carbide (WC/Co). International Journal of Materials and Product Technology, 2009, 35, 216.	0.2	6

#	ARTICLE	IF	CITATIONS
4080	Concurrent tolerance allocation for quality with form control using Genetic Algorithm. International Journal of Manufacturing Research, 2009, 4, 439.	0.2	3
4081	A two-phase metaheuristic approach for solving Economic Lot Scheduling Problems. International Journal of Operational Research, 2009, 4, 296.	0.2	7
4082	A revenue management model for sea cargo. International Journal of Operational Research, 2009, 6, 195.	0.2	20
4083	Design space exploration in embodiment design: an application to the design of aircraft air conditioners. International Journal of Product Development, 2009, 9, 292.	0.2	4
4084	Quality improvement of multistage and multi-response grinding processes: an insight into two different methodologies for parameter optimisation. International Journal of Productivity and Quality Management, 2009, 4, 613.	0.2	12
4085	System design optimisation involving phased missions. International Journal of Reliability and Safety, 2009, 3, 331.	0.2	0
4086	Safety system design optimisation using a multi-objective genetic algorithm. International Journal of Reliability and Safety, 2009, 3, 397.	0.2	2
4087	FUGEN: a tool for the design of layouts for cellular manufacturing systems. International Journal of Services and Operations Management, 2009, 5, 595.	0.2	16
4088	Real-time path planning using a simulator-in-the-loop. International Journal of Vehicle Autonomous Systems, 2009, 7, 56.	0.2	10
4089	A mobile intelligent negotiation agent embedded and hybrid architecture based online purchasing system. International Journal of Wireless and Mobile Computing, 2009, 3, 288.	0.2	1
4090	Assisted history matching for the characterization of fractured reservoirs. AAPG Bulletin, 2009, 93, 1609-1619.	1.5	11
4091	A General-Purpose Path Generation Method Using Genetic Algorithms. IEICE Transactions on Information and Systems, 2009, E92-D, 1503-1506.	0.7	0
4092	Application Research of Genetic Algorithm in Automobile Logistics. , 2009, , .		0
4093	Search Space Pruning to Solve the Root Identification Problem in Geometric Constraint Solving. Computer-Aided Design and Applications, 2009, 6, 15-25.	0.6	3
4094	Controlling Feature Selection in Random Forests of Decision Trees Using a Genetic Algorithm: Classification of Class I MHC Peptides. Combinatorial Chemistry and High Throughput Screening, 2009, 12, 514-519.	1.1	12
4095	Concurrent evolution of feature extractors and modular artificial neural networks. , 2009, , .		0
4096	Feature point tracking based on RLS and MAP filter. , 2010, , .		0
4097	Investigation of Geometrical Spreading and Quality Factor Functions in the New Madrid Seismic Zone. Bulletin of the Seismological Society of America, 2010, 100, 2185-2195.	2.3	20

#	ARTICLE	IF	CITATIONS
4098	Production-System Optimization of Gas Fields Using Hybrid Fuzzy/Genetic Approach. SPE Journal, 2010, 15, 417-425.	3.1	11
4099	In Silico Dynamic Molecular Interaction Networks for the Discovery of New Therapeutic Targets. Current Pharmaceutical Design, 2010, 16, 2241-2251.	1.9	6
4100	MPSO-based PID parameter optimization with novel evaluation function for typical control systems. , 2010, , .		0
4101	An effective hybrid crossover operator for genetic algorithms to solve k-means clustering problem. , 2010, , .		3
4102	Dynamic optimization of watering for maximizing the sugar content and size of Satsuma mandarin using intelligent approaches. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 245-250.	0.4	1
4103	Application and adaptation of Genetic Algorithm in optimal Eco-friendly reservoir operation. , 2010, , .		0
4104	Notice of Retraction: Calibration of pipe roughness coefficients under multiple loading conditions by real-coded genetic algorithm. , 2010, , .		0
4105	A Prediction Model Approach of Tool Wear for Turning Hastelloy X Alloy Using Genetic Algorithm Toolbox. , 2010, , .		0
4106	Application and comparison of intelligent optimisation techniques for SSSC-based controller design. International Journal of Intelligent Systems Technologies and Applications, 2010, 9, 169.	0.2	1
4107	Design and Optimization of the Seal Ring of the Retrievable Bridge Plug Based on Improved Genetic Algorithm. , 2010, , .		0
4108	A novel coding strategy for GA-based numerical optimization. , 2010, , .		0
4109	Identifying Architectural Style in 3D City Models with Support Vector Machines. Photogrammetrie, Fernerkundung, Geoinformation, 2010, 2010, 371-384.	1.2	12
4110	Surface roughness regression modeling approach for turning Hastelloy X alloy by genetic algorithms. , 2010, , .		1
4111	Design of genetic algorithms for topology control of unmanned vehicles. International Journal of Applied Decision Sciences, 2010, 3, 221.	0.3	25
4112	A comparison of traditional and Simple Artificial Immune System (SAIS) techniques in consumer credit scoring. International Journal of Artificial Intelligence and Soft Computing, 2010, 2, 1.	0.1	3
4113	Software evolution of a hexapod robot walking gait. International Journal of Intelligent Systems Technologies and Applications, 2010, 8, 382.	0.2	5
4114	Optimised fuzzy logic controller for a mobile robot navigation. International Journal of Modelling, Identification and Control, 2010, 9, 400.	0.2	15
4115	Network formation and social reputation: a theoretical model and simulation analysis. International Journal of Knowledge Engineering and Soft Data Paradigms, 2010, 2, 349.	0.0	3

#	ARTICLE	IF	CITATIONS
4116	Application of bio-inspired algorithm to the problem of integer factorisation. International Journal of Bio-Inspired Computation, 2010, 2, 115.	0.9	17
4117	Non-Double-Couple Earthquake Mechanism as an Artifact of the Point-Source Approach Applied to a Finite-Extent Focus. Bulletin of the Seismological Society of America, 2010, 100, 447-457.	2.3	15
4118	Vehicle Routing with Three-dimensional Container Loading Constraintsâ€"Comparison of Nested and Joint Algorithms. , 2010, , .		2
4119	Effectiveness of Genetic Multistep Search in Unsupervised Design of Morphological Filters for Noise Removal. IPSJ Online Transactions, 2010, 3, 194-205.	0.1	0
4120	A hybrid quantum evolutionary algorithm for solving engineering optimization problems. International Journal of Hybrid Intelligent Systems, 2010, 7, 225-235.	1.2	20
4121	Estimation of Distribution Algorithm Incorporating Switching. IEICE Transactions on Information and Systems, 2010, E93-D, 3108-3111.	0.7	0
4122	Genetic Algorithms for Automatic Search Tuning. ICGA Journal, 2010, 33, 67-79.	0.3	2
4123	Optomechanical analysis and design tool for adaptive x-ray optics. , 2010, , .		3
4124	Monte Carlo simulation methods for dynamic line layout problems with nonlinear movement costs. European Journal of Industrial Engineering, 2010, 4, 40.	0.8	6
4125	Improving the responsiveness of NSGA-II using an adaptive mutation operator: a case study. International Journal of Advanced Intelligence Paradigms, 2010, 2, 4.	0.3	4
4126	Analysing the migration effects in nomadic genetic algorithm. International Journal of Adaptive and Innovative Systems, 2010, 1, 158.	0.1	4
4127	A multi-objective coincidence memetic algorithm for a mixed-model U-line sequencing problem. International Journal of Advanced Operations Management, 2010, 2, 201.	0.3	7
4128	Evolutionary algorithm for example-based painterly rendering. International Journal of Bio-Inspired Computation, 2010, 2, 132.	0.9	1
4129	A hybrid computing scheme for shape optimisation in thermo-fluid problems. International Journal of Computational Intelligence Studies, 2010, 1, 207.	0.3	0
4130	Genetic algorithm approach to dynamic multiconstraint multipath QoS routing algorithm for IP networks. International Journal of Communication Networks and Distributed Systems, 2010, 5, 392.	0.4	2
4131	Joint optimisation of all inspection parameters for multistage processes: evolutionary algorithm and simulation. International Journal of Innovative Computing and Applications, 2010, 2, 170.	0.2	7
4132	Stochastic behaviour and performance analysis of an industrial system using GABLT technique. International Journal of Industrial and Systems Engineering, 2010, 6, 1.	0.2	6
4133	A vision-based approach for intelligent robot navigation. International Journal of Intelligent Systems Technologies and Applications, 2010, 9, 97.	0.2	5

#	Article	IF	Citations
4134	Rule acquisition for cognitive agents by using estimation of distribution algorithms. International Journal of Knowledge Engineering and Soft Data Paradigms, 2010, 2, 224.	0.0	0
4135	PSO-based solutions to selective harmonic elimination in stand-alone photovoltaic inverters. International Journal of Renewable Energy Technology, 2010, 1, 301.	0.3	2
4136	An Integrated Design for Lane Allocation and Signal Optimization at Signalized Intersections. , 2010, , .		0
4137	Investigation of Optimal Seismic Design Methodology for Piping Systems Supported by Elasto-plastic Dampers (Part 2: Applicability for Seismic Waves with Various Frequency Characteristics). Journal of System Design and Dynamics, 2010, 4, 348-359.	0.3	4
4138	Helicopter Predesign Strategy: Design-to-Mass or Design-to-Cost?. , 2010, , 73-102.		0
4139	Optimization of the Fin-and-Tube Heat Exchanger Design for Non-Standard Applications. , 2010, , .		0
4140	Use of Algorithm of Changes for Optimal Design of Heat Exchanger. , 2010, , .		0
4141	NEW CONFORMATIONAL SEARCH METHOD USING GENETIC ALGORITHM AND KNOT THEORY FOR PROTEINS. , 2010, , 217-228.		3
4142	ANN-Assisted Planning of Conjunctive Use of Canal and Ground Water in Canal Commands. , 2010, , .		0
4143	Parts Layout Decision for Assembly Cell-Production by GA and Virtual Factory System(Machine) Tj ETQq1 1 0.784314 rgBT /Overlock Society of Mechanical Engineers, Part C, 2010, 76, 994-999.	0.2	0
4144	Solving the response time variability problem by means of a genetic algorithm. European Journal of Operational Research, 2010, 202, 320-327.	5.7	17
4145	Genetic algorithms based robust frequency estimation of sinusoidal signals with stationary errors. Engineering Applications of Artificial Intelligence, 2010, 23, 321-330.	8.1	11
4146	Reliability-based robust Pareto design of linear state feedback controllers using a multi-objective uniform-diversity genetic algorithm (MUGA). Expert Systems With Applications, 2010, 37, 401-413.	7.6	45
4147	Find multi-objective paths in stochastic networks via chaotic immune PSO. Expert Systems With Applications, 2010, 37, 1911-1919.	7.6	81
4148	Dynamic diversity control in genetic algorithm for mining unsearched solution space in TSP problems. Expert Systems With Applications, 2010, 37, 1863-1878.	7.6	64
4149	Fractional-order PID controller optimization via improved electromagnetism-like algorithm. Expert Systems With Applications, 2010, 37, 8871-8878.	7.6	137
4150	A hybrid algorithm for capacitated plant location problem. Expert Systems With Applications, 2010, 37, 8599-8605.	7.6	30
4151	Dynamics of fitness sharing evolutionary algorithms for coevolution of multiple species. Applied Soft Computing Journal, 2010, 10, 832-848.	7.2	3

#	Article	IF	Citations
4152	Maximum cut in fuzzy nature: Models and algorithms. Journal of Computational and Applied Mathematics, 2010, 234, 240-252.	2.0	7
4153	Hybrid training approach for artificial neural networks using genetic algorithms for rate of reaction estimation: Application to industrial methanol oxidation to formaldehyde on silver catalyst. Chemical Engineering Journal, 2010, 157, 501-508.	12.7	30
4154	A hybrid optimization strategy for simplifying the solutions of support vector machines. Pattern Recognition Letters, 2010, 31, 563-571.	4.2	9
4155	Automatic Reproduction of a Genius Algorithm: Strassen's Algorithm Revisited by Genetic Search. IEEE Transactions on Evolutionary Computation, 2010, 14, 246-251.	10.0	12
4156	Spatio-temporal distribution of magma intrusions inducing repeated earthquake swarms off the east coast of the Izu peninsula, central Japan, for 1973â€"1998. Journal of Volcanology and Geothermal Research, 2010, 193, 25-36.	2.1	2
4157	Assessing sensitivity of source term estimation. Atmospheric Environment, 2010, 44, 1558-1567.	4.1	47
4158	Optimizing emission inventory for chemical transport models by using genetic algorithm. Atmospheric Environment, 2010, 44, 3926-3934.	4.1	22
4159	System identification of a pick-and-place mechanism driven by a permanent magnet synchronous motor. Applied Mathematical Modelling, 2010, 34, 2323-2335.	4.2	9
4160	Winâ€"win match using a genetic algorithm. Applied Mathematical Modelling, 2010, 34, 2749-2762.	4.2	7
4161	Study on dryout point by wavelet and GNN. Applied Thermal Engineering, 2010, 30, 664-672.	6.0	8
4162	Synergy between theory and experiment in structure resolution of low-dimensional oxides. Progress in Surface Science, 2010, 85, 398-434.	8.3	90
4163	Evolutionary research of optimal strategies for exclusive positioned clustering in simulated environment of collective robotics. Robotics and Autonomous Systems, 2010, 58, 1130-1137.	5.1	4
4164	Modelling the Richards function using Evolutionary Algorithms on the effect of electrical conductivity of nutrient solution on zucchini growth in hydroponic culture. Simulation Modelling Practice and Theory, 2010, 18, 1266-1273.	3.8	3
4165	Application of non-dominated sorting genetic algorithm-II technique for optimal FACTS-based controller design. Journal of the Franklin Institute, 2010, 347, 1047-1064.	3.4	22
4166	A genetic algorithm with switch-device encoding for optimal partition of switched industrial Ethernet networks. Journal of Network and Computer Applications, 2010, 33, 375-382.	9.1	12
4167	On-line fuzzy energy management for hybrid fuel cell systems. International Journal of Hydrogen Energy, 2010, 35, 2134-2143.	7.1	134
4168	Dynamic optimization of a multi-stage spherical, radial flow reactor for the naphtha reforming process in the presence of catalyst deactivation using differential evolution (DE) method. International Journal of Hydrogen Energy, 2010, 35, 7498-7511.	7.1	40
4169	Modeling and optimization of a nuclear power plant secondary loop. Nuclear Engineering and Design, 2010, 240, 1403-1416.	1.7	12

#	Article	IF	Citations
4170	Artificial neural network modeling and genetic algorithm based medium optimization for the improved production of marine biosurfactant. Bioresource Technology, 2010, 101, 2884-2887.	9.6	120
4171	Current sharing of paralleled DC–DC converters using GA-based PID controllers. Expert Systems With Applications, 2010, 37, 733-740.	7.6	28
4172	TAR-cointegration neural network model: An empirical analysis of exchange rates and stock returns. Expert Systems With Applications, 2010, 37, 2-11.	7.6	32
4173	The circular discrete particle swarm optimization algorithm for flow shop scheduling problem. Expert Systems With Applications, 2010, 37, 5827-5834.	7.6	20
4174	Evaluation of global and local training techniques over feed-forward neural network architecture spaces for computer-aided medical diagnosis. Expert Systems With Applications, 2010, 37, 8450-8461.	7.6	40
4175	A logistic radial basis function regression method for discrimination of cover crops in olive orchards. Expert Systems With Applications, 2010, 37, 8432-8444.	7.6	8
4176	Optimization of module, shaft diameter and rolling bearing for spur gear through genetic algorithm. Expert Systems With Applications, 2010, 37, 8058-8064.	7.6	72
4177	Intelligent method for sensor subset selection for machine olfaction. Sensors and Actuators B: Chemical, 2010, 145, 507-515.	7.8	30
4178	Design optimization application in accordance with product and process requirements. Advances in Engineering Software, 2010, 41, 427-432.	3.8	10
4179	Application of advanced Grammatical Evolution to function prediction problem. Advances in Engineering Software, 2010, 41, 1287-1294.	3.8	4
4180	Partial crosstalk cancellation with discrete bit-loading using genetic algorithm. AEU - International Journal of Electronics and Communications, 2010, 64, 383-389.	2.9	0
4181	A grid based multi-objective evolutionary algorithm for the optimization of power plants. Applied Thermal Engineering, 2010, 30, 807-816.	6.0	19
4182	Enhanced affine invariant matching of broken boundaries based on particle swarm optimization and the dynamic migrant principle. Applied Soft Computing Journal, 2010, 10, 432-438.	7.2	6
4183	Multi-objective optimization in solid oxide fuel cell for oxidative coupling of methane. Chemical Engineering Journal, 2010, 165, 639-648.	12.7	29
4184	Optimal approximation of fractional derivatives through discrete-time fractions using genetic algorithms. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 482-490.	3.3	26
4185	Relabeling algorithm for retrieval of noisy instances and improving prediction quality. Computers in Biology and Medicine, 2010, 40, 288-299.	7.0	2
4186	Myocardial border detection from ventriculograms using support vector machines and real-coded genetic algorithms. Computers in Biology and Medicine, 2010, 40, 446-455.	7.0	4
4187	Uniformly sampled genetic algorithm with gradient search for structural identification – Part II: Local search. Computers and Structures, 2010, 88, 1149-1161.	4.4	13

#	ARTICLE	IF	CITATIONS
4188	Metaheuristics for assortment problems with multiple quality levels. Computers and Operations Research, 2010, 37, 1797-1804.	4.0	4
4189	Prediction of air to liver partition coefficient for volatile organic compounds using QSAR approaches. European Journal of Medicinal Chemistry, 2010, 45, 2182-2190.	5.5	27
4190	Design and optimization of a non-TEMA type tubular recuperative heat exchanger used in a regenerative gas turbine cycle. Energy, 2010, 35, 1647-1657.	8.8	32
4191	Development of future energy scenarios with intelligent algorithms: Case of hydro in Turkey. Energy, 2010, 35, 1724-1729.	8.8	51
4192	Test Case Generation for Adequacy of Floating-point to Fixed-point Conversion. Electronic Notes in Theoretical Computer Science, 2010, 266, 49-61.	0.9	2
4193	Management Option Rank Equivalence (MORE) â€“ A new method of sensitivity analysis for decision-making. Environmental Modelling and Software, 2010, 25, 171-181.	4.5	33
4194	Fuzzy optimal control of reservoir-assisted stormwater treatment areas for aquatic ecosystem restoration. Environmental Modelling and Software, 2010, 25, 1692-1701.	4.5	7
4195	Optimization of optical lens-controlled scanning electron microscopic resolution using generalized regression neural network and genetic algorithm. Expert Systems With Applications, 2010, 37, 182-186.	7.6	16
4196	Optimization of short-haul aircraft schedule recovery problems using a hybrid multiobjective genetic algorithm. Expert Systems With Applications, 2010, 37, 2307-2315.	7.6	20
4197	Choquet integral-based hierarchical networks for evaluating customer service perceptions on fast food stores. Expert Systems With Applications, 2010, 37, 7880-7887.	7.6	28
4198	Genetic algorithms for coordinated scheduling of production and air transportation. Expert Systems With Applications, 2010, 37, 8255-8266.	7.6	54
4199	An improved artificial immune algorithm with application to multiple sensor systems. Information Fusion, 2010, 11, 174-182.	19.1	13
4200	Analytic network process for pattern classification problems using genetic algorithms. Information Sciences, 2010, 180, 2528-2539.	6.9	20
4201	Intelligent Ship Arrangement Passage Variable Lattice Network Studies and Results. Naval Engineers Journal, 2010, 122, 107-119.	0.1	7
4202	Integrated quay crane and yard truck schedule problem in container terminals. Tsinghua Science and Technology, 2010, 15, 467-474.	6.1	42
4203	System biology analysis of cell cycle pathway involved in hepatocellular carcinoma. Frontiers in Bioscience - Scholar, 2010, S2, 1127-1144.	2.1	8
4204	Convalesce Optimization for Input Allocation Problem Using Hybrid Genetic Algorithm. Journal of Computer Science, 2010, 6, 413-416.	0.6	6
4205	Genetic Programming in Application to Flight Control System Design Optimisation. , 0, , .		6

#	Article	IF	Citations
4206	Antenna Array Design in Aperture Synthesis Radiometers. , 2010, , .		4
4207	Evolutionary clustering of relational data. International Journal of Hybrid Intelligent Systems, 2010, 7, 261-281.	1.2	7
4208	Multi-Criteria Optimization Manipulator Trajectory Planning. , 0, , .		1
4209	OPTIMIZATION OF ANTENNA CONFIGURATION WITH A FITNESS-ADAPTIVE DIFFERENTIAL EVOLUTION ALGORITHM. Progress in Electromagnetics Research B, 2010, 26, 291-319.	1.0	12
4210	Permanent magnet synchronous motor dynamic modeling with genetic algorithm performance improvement. International Journal of Engineering, Science and Technology, 2010, 2, .	0.6	5
4211	Morphological-Rank-Linear Models for Financial Time Series Forecasting. , 0, , .		0
4212	An enhanced genetic algorithm with simulated annealing for job-shop scheduling. International Journal of Engineering, Science and Technology, 2010, 2, .	0.6	18
4213	Controlling Chaos by an Improved Estimation of Distribution Algorithm. Mathematical and Computational Applications, 2010, 15, 866-871.	1.3	9
4214	An Energy Approach to Static Balancing of Systems With Torsion Stiffness. , 2010, , .		10
4215	Designing Integrated Fuzzy Guidance Law for Aerodynamic Homing Missiles Using Genetic Algorithms. Transactions of the Japan Society for Aeronautical and Space Sciences, 2010, 53, 99-104.	0.7	2
4216	HYBRID PIFA-PATCH ANTENNA OPTIMIZED BY EVOLUTIONARY PROGRAMMING. Progress in Electromagnetics Research, 2010, 108, 221-234.	4.4	21
4217	Robot Learning Using Learning Classifier Systems Approach. , 0, , .		0
4218	Forecasting Chaotic and Non-Linear Time Series with Artificial Intelligence and Statistical Measures. , 0, , .		0
4219	Globally Convergent Particle Swarm Optimization via Branch-and-Bound. Journal of Computer and Information Science, 2010, 3, .	0.3	7
4220	BIT ERROR RATE REDUCTION FOR MULTIUSERS BY SMART UWB ANTENNA ARRAY. Progress in Electromagnetics Research C, 2010, 16, 85-98.	0.9	17
4221	Soft Computing in Optimizing Assembly Lines Balancing. Journal of Computer Science, 2010, 6, 141-162.	0.6	19
4222	Statistical Arbitrage and High-Frequency Data with an Application to Eurostoxx 50 Equities. SSRN Electronic Journal, 0, , .	0.4	14
4223	A genetic-algorithm approach for assessing the liquefaction potential of sandy soils. Natural Hazards and Earth System Sciences, 2010, 10, 685-698.	3.6	8

#	Article	IF	Citations
4224	Advances in Aerodynamic Design of Gas Turbines Compressors. , 2010, , .		6
4225	Availability Optimization of CO-Shift Conversion System of a Fertilizer Plant using Genetic Algorithm Technique. Bangladesh Journal of Scientific and Industrial Research, 2010, 45, 133-140.	0.3	9
4226	Multi-Objective Particle Swarm Optimization using Generalized Data Envelopment Analysis. Transactions of the Institute of Systems Control and Information Engineers, 2010, 23, 215-222.	0.1	1
4227	Research on Forecasting Method Based on Genetic Algorithms and Support Vector Machines. Applied Mechanics and Materials, 2010, 29-32, 2603-2607.	0.2	0
4228	Estimating reference crop evapotranspiration using HGA-LSSVM. , 2010, , .		0
4229	A novel ecological-biological-behavior praticle swarm optimization for Ackley's function. , 2010, , .		2
4230	Emerging traits in the application of an evolutionary algorithm to a scalable bioinformatics problem. , 2010, , .		1
4231	A method of extracting fuzzy control rules of structural vibration using FCM algorithm. , 2010, , .		0
4232	Interactive Evolutionary Computation utilizing subjective evaluation and physiological information as evaluation value. , 2010, , .		5
4233	Effectiveness of extrapolation-directed multistep search in unsupervised design for morphological filters for noise removal. , 2010, , .		2
4234	Synthetic Aperture Radar Image Segmentation Based on Markov Random Field with Niche Genetic Algorithm. , 2010, , .		0
4235	A Genetic Algorithm method for Standing Phase Angle reduction in power system restoration. , 2010, , .		1
4236	A supporting tool for efficient city traffic planning. , 2010, , .		1
4237	Development of fuzzy muscle contraction and activation model using multi-objective optimisation. , 2010, , .		4
4238	Efficient adaptive noise cancellation using genetic optimization. , 2010, , .		5
4239	Using of soft computing techniques to control of self-propelled mine counter charge. , 2010, , .		0
4240	Link-Adaptive Joint Path and Capacity Design for Multi-Hop Relay Backbone in TDD-OFDMA System. , 2010, , .		0
4241	A comparative analysis of different infection strategies of Bacterial Memetic Algorithms. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
4242	Pareto-optimal dictionaries for signatures. , 2010, , .		5
4243	Self-Organization of Wireless Sensor Network for Autonomous Control in an IT Server Platform. , 2010, , .		4
4244	Development of a computational tool for application in the operation of hydrothermal power systems. , 2010, , .		1
4245	Optimal link scheduling for real-time traffic in wireless mesh networks in both per-flow and per-path frameworks. , 2010, , .		4
4246	Delta-V genetic optimisation of a trajectory from Earth to Saturn with fly-by in Mars. , 2010, , .		1
4247	Differential evolution with dynamic adaptation of mutation factor applied to inverse heat transfer problem. , 2010, , .		0
4248	Discussion of the Three Problems in Genetic Algorithm with Chromosome Differentiation. , 2010, , .		1
4249	An optimal full-genetic technique used to train RBF neural networks. , 2010, , .		0
4250	Color recommendation system combining design concepts with interactive customers preference modeling from context changes. , 2010, , .		3
4251	Design and development of a software for fault diagnosis in radial distribution networks. , 2010, , .		2
4252	An integrated design and optimization platform for vibration isolation system of vehicles. , 2010, , .		1
4253	Maximum Averaged Likelihood Estimation Tree for Anchor-Less Localization Exploiting IR-UWB Multipaths. , 2010, , .		4
4254	Parallel genetic algorithm based adaptive thresholding for image segmentation under uneven lighting conditions. , 2010, , .		10
4255	The Comparisons and Selections of Optimization Methods in Engineering. , 2010, , .		1
4256	Optimization of data fusion method based on Kalman filter using Genetic Algorithm and Particle Swarm Optimization. , 2010, , .		3
4257	Tile-world — A case study of Genetic Network Programming with automatic program generation. , 2010, , .		1
4258	Real-time color tone detection on video based on the fuzzy integral. , 2010, , .		1
4259	A computational study on the design of overall reliability measures of optimized ANN for computer networks with fixed and varying link reliabilities. , 2010, , .		3

#	Article	IF	Citations
4260	E-commerce Recommendation Method Based on Genetic Algorithm and Composite Weight Matrix. , 2010, , .		2
4262	Optimized digital compatible pulse sequences for testing of RF front end modules. , 2010, , .		6
4263	Genetic algorithm based spot pricing of electricity in deregulated environment for consumer welfare. , 2010, , .		2
4264	Constraint handling procedure for multiobjective particle swarm optimization. , 2010, , .		7
4265	Improved Genetic Algorithms Based on Chaotic Mutation Operation and Its Application. , 2010, , .		4
4266	An improved genetic algorithm based on subdivision theory and fixed point algorithms. , 2010, , .		0
4267	Material design optimization for a sport shoe sole by evolutionary computation and FEM analysis. , 2010, , .		2
4268	Meta-heuristic search and square erickson matrices. , 2010, , .		1
4269	The geometric constraint solving based on hybrid differential evolution and particle swarm optimization algorithm. , 2010, , .		2
4270	Combining global features and local minutiae descriptors in genetic algorithms for fingerprint matching. , 2010, , .		2
4271	Dimension reduction by Manifold Learning for Evolutionary Learning with redundant sensory inputs. , 2010, , .		3
4272	Time related association rule mining with Accuracy Validation in traffic volume prediction with large scale simulator. , 2010, , .		0
4273	Time-Optimal Multi-impulse Rendezvous Based on Genetic Algorithm. , 2010, , .		0
4274	Sewerage rehabilitation planning. , 2010, , .		1
4275	A novel self-constructing evolution algorithm for TSK-type fuzzy model design. , 2010, , .		0
4276	Optimizing the Placement of Low Impact Development in an Urban Watershed. , 2010, , .		0
4277	A priority based interval-valued Goal Programming approach for land utilization planning in agricultural system: A case study. , 2010, , .		4
4278	Development of Repetitively Enhanced Neural Networks (RENN) for Efficient Missile Design and Optimization. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
4279	Notice of Retraction: Impact of the number of generations on the fitness value and the time required to find the optimal solution in standard GA applications. , 2010, , .		0
4280	Genetic Network Programming with new genetic operators. , 2010, , .		0
4281	Homography matrix genetic consensus estimation algorithm. , 2010, , .		4
4282	Integrated Coverage Control and Security Connectivity in Mobile Sensor Networks. , 2010, , .		0
4283	Enhanced control of electrical power system oscillations by GA optimized damping controller. , 2010, , .		1
4284	Proposal of Augmented Linear Inverted Pendulum model for bipedal gait planning. , 2010, , .		4
4285	Planning bipedal walking gait using augmented Linear Inverted Pendulum model. , 2010, , .		0
4286	Parallel AlineaGA: An island parallel evolutionary algorithm for multiple sequence alignment. , 2010, , .		4
4287	Particle Swarm Optimization for multimodal combinatorial problems and its application to protein design. , 2010, , .		2
4288	Degree preserving based crossover for constrained optimization problems. , 2010, , .		0
4289	The Research on Distributed Parallel Optimal Design System of Foundation Pit Engineering. , 2010, , .		0
4290	Application of Interactive Multiobjective Genetic Algorithm in Maintenance Optimization of Bridge Decks. , 2010, , .		0
4291	Heuristics and a hybrid meta-heuristic for a generalized job-shop scheduling problem. , 2010, , .		2
4292	A fuzzy adaptive Genetic Algorithms for global optimization problems. , 2010, , .		4
4293	A genetic algorithm for generating multiple paths on mesh maps. , 2010, , .		0
4294	Optimal Design of Structure Using Relative Diffrence Quotient Algorithm and Improved Genetic Agorithm. , 2010, , .		0
4295	A multiple population XCS: Evolving condition-action rules based on feature space partitions. , 2010, , .		5
4296	Research of improved genetic algorithm for thresholding image segmentation based on maximum entropy. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
4297	Optimal design of composite laminates with and without cutout undergoing free vibration. IES Journal Part A: Civil and Structural Engineering, 2010, 3, 161-167.	0.4	8
4298	A dynamic day-ahead paratransit planning problem. IMA Journal of Management Mathematics, 2010, 21, 195-211.	1.6	1
4299	Analysis of the Effectiveness of the Genetic Algorithms based on Extraction of Association Rules. Fundamenta Informaticae, 2010, 98, 1-14.	0.4	26
4300	A Comparative Study of the Least Squares Method and the Genetic Algorithm in Deducing Peak Ground Acceleration Attenuation Relationships. Terrestrial, Atmospheric and Oceanic Sciences, 2010, 21, 869.	0.6	9
4301	Genetic Algorithms And Its Application To Economic Load Dispatch. AIP Conference Proceedings, 2010, , .	0.4	5
4302	Sequence diagram to colored Petri nets transformation testing. , 2010, , .		3
4303	Monitoring and management of peer-to-peer systems. ACM Multimedia, 2010, 2, 9-11.	0.1	7
4304	RAPL. , 2010, , .		404
4305	Automating the Design of Data Mining Algorithms. Natural Computing Series, 2010, , .	2.2	23
4306	Optimising mobile base station placement using an enhanced Multi-Objective Genetic Algorithm. International Journal of Business Intelligence and Data Mining, 2010, 5, 19.	0.2	2
4307	An SDA-Aided Genetic Algorithm Detector for CDMA System. , 2010, , .		0
4308	Notice of Retraction: An effective GA-based clustering algorithm for unknown k. , 2010, , .		0
4309	Transformer Fault Gas Forecasting Based on the Combination of Improved Genetic Algorithm and LS-SVM. , 2010, , .		0
4310	Arch Axis Optimum Design of Steel Box-Concrete Composite Arch Bridge Based on Improved Genetic Algorithms. , 2010, , .		0
4311	Optimizing machine utilization in semiconductor assembly industry using constraint-chromosome genetic algorithm. , 2010, , .		3
4312	Optimization Design of Following Penetrating Bomb Based on Improved Genetic Algorithms. , 2010, , .		0
4313	Notice of Retraction: The Neural Networks Ensembles based on evolutionary programming for Job Shop Schedule Problem. , 2010, , .		0
4314	A fuzzy logic approach to the evaluation of tacit knowledge management performance. International Journal of Services Operations and Informatics, 2010, 5, 64.	0.3	3

#	ARTICLE	IF	CITATIONS
4315	Geometrical Optimization of Solar Concentrating Collectors Through Quasi-Monte Carlo Simulation. , 2010, , .		0
4316	A Novel Hybrid Method: Genetic Algorithm Based on Asymmetrical Cloud Model. , 2010, , .		3
4317	Fuzzy multi-objective genetic algorithm in determination of optimum mid connection location of off-centre bracing system. , 2010, , .		2
4318	Self-adaptive evolutionary network coding algorithm: A constraint handling approach. , 2010, , .		2
4319	Learning fuzzy rules for modeling complex classification systems using genetic algorithms. , 2010, , .		1
4320	Comparison of the PMHT path planning algorithm with the Genetic Algorithm for multiple platforms. , 2010, , .		4
4321	Study of Coupling Receptor to Dispersion Models with a Genetic Algorithm. , 2010, , .		0
4322	Stochastic optimization methods applied to BP network based fault diagnosis problems of rotating machinery. , 2010, , .		0
4323	Composition-oriented autonomous web service aggregation and web service selection method. , 2010, , .		0
4324	Notice of Retraction: An experimental study of messy genetic algorithm on HIFF problem. , 2010, , .		0
4325	Wavelet entropy based no-reference quality prediction of distorted/decompressed images. , 2010, , .		0
4326	Notice of Retraction: Optimization of flight sequencing on airport based on gene expression algorithm. , 2010, , .		0
4327	The effects of button arrangement on evaluations in interactive Genetic Algorithms. , 2010, , .		0
4328	GNP-Sarsa with subroutines for trading rules on stock markets. , 2010, , .		2
4329	Nonlinear Soil Response of a Borehole Station Based on One-Dimensional Inversion during the 2005 Fukuoka Prefecture Western Offshore Earthquake. Bulletin of the Seismological Society of America, 2010, 100, 151-171.	2.3	16
4330	New upper bounds for the multi-depot capacitated arc routing problem. International Journal of Metaheuristics, 2010, 1, 81.	0.1	19
4331	CODEQ: an effective metaheuristic for continuous global optimisation. International Journal of Metaheuristics, 2010, 1, 108.	0.1	12
4332	Digital IIR filter design using particle swarm optimisation. International Journal of Modelling, Identification and Control, 2010, 9, 327.	0.2	81

#	ARTICLE	IF	CITATIONS
4333	The Entropy Generation Minimisation based on the Revised Entropy Generation Number. International Journal of Exergy, 2010, 7, 607.	0.4	15
4334	Production scheduling with a memetic algorithm. International Journal of Innovative Computing and Applications, 2010, 2, 244.	0.2	4
4335	Maintenance optimisation in a cement industry raw-mill system using genetic algorithm. International Journal of Decision Sciences, Risk and Management, 2010, 2, 291.	0.1	1
4336	Goal oriented ranking scheme. , 2010, , .		0
4337	Evolution of cache replacement policies to track heavy-hitter flows. , 2010, , .		4
4338	GLOBAL MATERIAL CHARACTERIZATION OF COMPOSITE STRUCTURES USING LAMB WAVE STMR ARRAY TECHNIQUE. , 2010, , .		3
4339	GEFE. , 2010, , .		10
4340	A probabilistic functional crossover operator for genetic programming. , 2010, , .		8
4341	Hybrid Genetic Algorithm for Flow Shop Scheduling Problem. , 2010, , .		7
4342	CBFO : The cooperative optimization of Bacterial Foraging. , 2010, , .		0
4343	Notice of Retraction: Fault diagnosis based on adaptive genetic algorithm and BP neural network. , 2010, , .		2
4344	A New Optimization Method for Resource Leveling. , 2010, , .		0
4345	Solving multiobjective flexible scheduling problem by improved DNA genetic algorithm. , 2010, , .		1
4346	A Novel and Secure Image Interpolation Methods for Image Disguise. , 2010, , .		1
4347	Design of optimal fuzzy classifier system using Particle Swarm Optimization. , 2010, , .		3
4348	A Hybrid Control Scheme for a Twin Rotor System with Multi Objective Genetic Algorithm. , 2010, , .		4
4349	Study on Process of Network Traffic Classification Using Machine Learning. , 2010, , .		3
4350	Parallel Model of Evolutionary Computing Based on Genetic Algorithm. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
4351	An evolutionary computing model based on Parallel architecture. , 2010, , .		0
4352	Optimal design of direct-driven wind generator using Genetic Algorithm combined with Expert System. , 2010, , .		0
4353	Crustal Structure below the Valley of Mexico Estimated from Receiver Functions. Bulletin of the Seismological Society of America, 2010, 100, 3304-3311.	2.3	12
4354	Multiobjective Approach for Feature Selection in Maximum Entropy Based Named Entity Recognition. , 2010, , .		2
4355	Augmented feedforward and feedback control of a twin rotor system using real-coded MOGA. , 2010, , .		11
4356	Optimal Planning of a Load Transfer Substation Pair between Two Normally Closed-Loop Feeders Considering Minimization of System Power Losses Using a Genetic Algorithm. , 2010, , .		0
4357	Distributed genetic process mining. , 2010, , .		12
4358	Optimal Scheduling of Multi-Tank Multi-Source System Using Genetic Algorithm. , 2010, , .		1
4359	Fitness approximation for genetic algorithm using combination of approximation model and fuzzy clustering technique. , 2010, , .		1
4360	Identification of anomalies in paraboloid antenna reflector surface from its power radiation patterns. , 2010, , .		0
4361	Measuring entertainment and automatic generation of entertaining games. International Journal of Information Technology, Communications and Convergence, 2010, 1, 92.	0.2	13
4362	Convergence rate analysis of allied genetic algorithm. , 2010, , .		2
4363	Operational optimization of a stand-alone hybrid renewable energy generation system based on an improved genetic algorithm. , 2010, , .		25
4364	Calibrating water distribution system model automatically by genetic algorithms. , 2010, , .		3
4365	Intensifying the Performance of Nonlinearity Approximation by an Optimal Fuzzy System. , 2010, , .		0
4366	Selection of Classifier and Feature Selection Method for Microarray Data. , 2010, , .		1
4367	A pairing algorithm for landing aircraft to closely spaced parallel runways. , 2010, , .		5
4368	Robust control for discrete-time networked control systems. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
4369	Notice of Retraction: The application of genetic algorithm to closure temperature fields and shape optimization of Jinping high arch dam. , 2010, , .		0
4370	Application of chemometric methods to environmental analysis of organic pollutants: A review. Talanta, 2010, 80, 1052-1067.	5.5	119
4371	Coverage performance analysis of genetic algorithm controlled smart antenna system. , 2010, , .		1
4372	A combinatorial approach for transmission expansion &amp; reactive power planning. , 2010, , .		5
4373	An Efficient Algorithm for QCDP and Implementation. IEEE Transactions on Power Systems, 2010, 25, 234-242.	6.5	4
4374	Discussions of worker antsâ€™ rule-based CHC dealing with changing environments. Applied Soft Computing Journal, 2010, 10, 245-250.	7.2	2
4375	Designing Dependable Storage Solutions for Shared Application Environments. IEEE Transactions on Dependable and Secure Computing, 2010, 7, 366-380.	5.4	8
4376	A Novel Approach to Fuzzy Logic Controller Design. , 2010, , .		4
4377	A generic architecture of complete intrinsic evolvable digital circuits. , 2010, , .		2
4378	The Closure Temperature Fields and Shape Optimization of Arch Dam Based on Genetic Algorithms. Lecture Notes in Computer Science, 2010, , 317-324.	1.3	1
4379	Bidding strategies in day-ahead energy markets: System marginal price vs. pay as bid. , 2010, , .		4
4380	Robust feature extraction for speech recognition based on perceptually motivated MUSIC. , 2010, , .		0
4381	Notice of Retraction: A customer identification method based on genetic algorithm and customer value model: Theoretical model and empirical application. , 2010, , .		0
4382	Automatic Generation Control of Power Using Genetic Algorithm. , 2010, , .		6
4383	Maximin spreading algorithm. , 2010, , .		0
4384	An Improved Genetic Algorithm Based on Polygymy. , 2010, , .		0
4385	Notice of Retraction: Synthesis of coupler curves with combined planar cam follower mechanisms by genetic algorithm. , 2010, , .		3
4386	Firefly algorithm, stochastic test functions and design optimisation. International Journal of Bio-Inspired Computation, 2010, 2, 78.	0.9	2,075

#	ARTICLE	IF	CITATIONS
4387	Tailoring Functionality of Clusters and Their Complexes with Biomolecules by Size, Structures, and Lasers. Science and Technology of Atomic, Molecular, Condensed Matter and Biological Systems, 2010, 1, 485-516.	0.6	0
4388	Particle Swarm trade-off curve analysis for bi-objective optimization. , 2010, , .		1
4389	Automated Test Case Selection for Flight Systems using Genetic Algorithms. , 2010, , .		3
4390	The Research of the Data Mining Based on the Spatial Database Technology. , 2010, , .		2
4391	A Genetic Algorithm solution to the Unit Commitment problem based on real-coded chromosomes and Fuzzy Optimization. , 2010, , .		11
4392	Genetic algorithm based identification of a nonlinear 2DOF helicopter model. , 2010, , .		9
4393	Review on Real Coded Genetic Algorithms Used in Multiobjective Optimization. , 2010, , .		2
4394	A linear map-based mutation scheme for real coded genetic algorithms. , 2010, , .		1
4395	Optimal Design of Structures with Discrete Variables Based on Improved Genetic Algorithms. , 2010, , .		0
4396	A new meta-heuristic method for probabilistic transmission network expansion planning. , 2010, , .		0
4397	Placement of Entities in Object-Oriented Systems by Means of a Single-Objective Genetic Algorithm. , 2010, , .		4
4398	Optical Image and SAR Image Matching Based on Scattered Edge Feature. , 2010, , .		2
4399	Extended Interactive Evolutionary Computation using heart rate variability as fitness value for composing music chord progression. , 2010, , .		8
4400	A fuzzy associative classification system with genetic rule selection for high-dimensional problems. , 2010, , .		0
4401	Parameters selection of fitness scaling in genetic algorithm and its application. , 2010, , .		2
4402	Estimation of future prepaid &#x2014; postpaid mobile telephony equilibrium in the OECD area. , 2010, , .		0
4403	A genetic algorithm system for product line exploration and optimization. , 2010, , .		0
4404	A mismatch PCR-RFLP primer design for SNP genotyping using genetic algorithm. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
4405	An efficient steganography method based on reducing changes. , 2010, , .		0
4406	Using an evolutionary fuzzy regression for affective product design. , 2010, , .		0
4407	Multi-objective optimisation for multi-drug chemotherapy scheduling. , 2010, , .		2
4408	Approximating Boundary of Bitmap Characters Using Genetic Algorithm. , 2010, , .		2
4409	A new hybrid nature-inspired metaheuristic for problem solving based on the Social Interaction Genetic Algorithm employing Fuzzy Systems. , 2010, , .		1
4410	A Performance Analysis of Mono and Multi-objective Evolutionary Algorithms Assisted by Meta-modeling. , 2010, , .		0
4411	Notice of Retraction: Performance evaluation of sigmoid functions with hybrid computational method for Optimizing Lemon Grass Oil Production. , 2010, , .		1
4412	A novel neuro-fuzzy classification system design by a species-based hybrid algorithm. , 2010, , .		0
4413	A QoE-Based Measurement for DiffServ Multicasting Networks. , 2010, , .		0
4414	Simulated annealing and genetic algorithms in topology optimization tools: A comparison through the design of a Switched Reluctance Machine. , 2010, , .		9
4415	The Introduction of GASD. , 2010, , .		0
4416	Influence of planar sampling techniques of near field magnitude-only data on predicting far field radiation of PCBs by Genetic Algorithms. , 2010, , .		2
4417	Implicit stochastic optimization with data mining for reservoir system operation. , 2010, , .		4
4418	Robust multiple model adaptive control using fuzzy fusion. , 2010, , .		9
4419	A Similarity Reasoning Scheme for Modelling of Monotonic Multi-Input Fuzzy Inference Systems. , 2010, , .		1
4420	Using Meta-learning to Classify Traveling Salesman Problems. , 2010, , .		4
4421	TrustSets - Using Trust to Detect Deceitful Agents in a Distributed Information Collecting System. , 2010, , .		3
4422	Optimization Model of Complex Mining and Ore-Dressing Systems in Regional Mine and Its Application Based on Genetic Algorithm. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
4423	Variance analysis and biomedical pattern classification. , 2010, , .		2
4424	Endocrine Control Evolutionary Algorithm. , 2010, , .		1
4425	Modified Differential Evolution for Task Assignment Problem. , 2010, , .		0
4426	Research on Application of Kalman Filtering Algorithm in Wireless LAN Positioning System. , 2010, , .		0
4427	Strategic bidding in a day-ahead market by coevolutionary genetic algorithms. , 2010, , .		7
4428	A study on strategic partership-based cutoff time adjustment for express package deliveries. , 2010, , .		0
4429	Prediction of chaotic time series of neural network and an improved algorithm. , 2010, , .		0
4430	HW/SW Co-design Architecture for Evolutionary Robotics. , 2010, , .		2
4431	Assessing trustworthiness of nodes to enhance performance in mobile ad hoc networks. , 2010, , .		1
4432	Quantum-inspired immune clonal clustering algorithm based on watershed. , 2010, , .		3
4433	Portfolio selection based on technical trading rules optimized with a genetic algorithm. , 2010, , .		1
4434	New Advances on Modelling Control Processes Applied to Detection Trains Operations. , 2010, , .		0
4435	A Novel Differential Evolution Incorporated with Parallel Processing Mechanism. , 2010, , .		0
4436	Space charge spectroscopic studies of indium doped $Cd_{0.91}Mn_{0.09}Te$. , 2010, , .		0
4437	A multi objective genetic algorithm for weighted load shedding. , 2010, , .		5
4438	Efficient evolutionary image processing using genetic programming: Reducing computation time for generating feature images of the Automatically Construction of Tree-Structural Image Transformation (ACTIT). , 2010, , .		0
4439	A new optimization method, the Algorithm of Changes, for Bin Packing Problem. , 2010, , .		4
4440	Optimisation of metal microstructure using a Population Adaptive based Immune Algorithm (PAIA). , 2010, , .		2

#	Article	IF	Citations
4441	Estimation of simplified transient model parameters using genetic algorithm. , 2010, , .		7
4442	Parallel genetic algorithm to tune multiple Power System Stabilizers in large interconnected power systems. , 2010, , .		0
4443	A new distributed evolutionary computation technique for Multi-Objective Optimization. , 2010, , .		1
4444	Automatic tuning of GPC synthesis parameters based on multi-objective optimization. , 2010, , .		0
4445	A Profile-Based Method for Hardware/Software Co-design Applied in Evolutionary Robotics Using Reconfigurable Computing. , 2010, , .		1
4446	Energy-aware distribution of monitoring agents using Genetic Algorithms. , 2010, , .		0
4447	Waveguide flange's shape optimization in microwave enhanced infrared landmines' detection. , 2011, , .		1
4448	The effectiveness of hybrid negative correlation learning in evolutionary algorithm for combinatorial optimization problems. , 2011, , .		6
4449	Cloud Parallel Genetic Algorithm for Gene Microarray Data Analysis. , 2011, , .		1
4450	Adaptive mutation depending on program size in asynchronous program evolution. , 2011, , .		0
4451	A cryptanalytic attack on Vigenère cipher using genetic algorithm. , 2011, , .		16
4452	Genetic algorithm based NoC design with voltage/frequency islands. , 2011, , .		5
4453	Identification of mRNA poly(A) signal patterns. , 2011, , .		0
4454	Stochastic constructions of equiangular tight frames. , 2011, , .		0
4455	Conscious learning semiotics systems to assist human persons (CLS<sup>2</sup>H). , 2011, , .		0
4456	Evolutionary model support for Urban Bicycles Renting Systems. , 2011, , .		1
4457	Integration of RSM model for optimization of immobilized lipase mediated solvent-free synthesis of flavour ester by genetic algorithm. , 2011, , .		1
4458	Design of a probe-fed microstrip antenna using differential evolution algorithm. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
4459	Computational intelligence techniques for communities network formation. , 2011, , .		2
4460	Performance optimization of Thai virtual keyboard for social networking. , 2011, , .		3
4461	Multiobjective two-level 0–1 programming through distributed genetic algorithms. , 2011, , .		1
4462	Combination of similarity measures for time series classification using genetic algorithms. , 2011, , .		8
4463	CALANGOS Level 4: The Environmental Influence on the Players' Strategy in a Simulation of the Ecological and Evolutionary Level of the Game. , 2011, , .		0
4464	A fuzzy-genetic algorithm based approach for controlling unscheduled flows using SC and PST. , 2011, , .		3
4465	An anti-jamming beamformer optimized using evolvable hardware. , 2011, , .		4
4466	Optimal investment assessment for distribution reliability through a multi-objective evolutionary algorithm. , 2011, , .		3
4467	A low complexity evolutionary algorithm for multi-user MIMO detection. , 2011, , .		2
4468	Hybrid Intelligent Systems: A Study on Genetic Algorithms and Fuzzy Approaches. , 2011, , .		0
4469	Coordinated tuning of a set of Static Var Compensators using Evolutionary Algorithms. , 2011, , .		5
4470	Evolutionary techniques for the synthesis of 2-D FIR filters. , 2011, , .		11
4471	TSV-aware Scan Chain Reordering for 3D IC. , 2011, , .		0
4472	Slotted bow-tie antenna design for RFID readers using hybrid optimization techniques. , 2011, , .		1
4473	Creating adaptive sequences with genetic algorithms to reach a certain state in a non-deterministic FSM. , 2011, , .		1
4474	Inferring gene-gene associations from Quantitative Association Rules. , 2011, , .		6
4475	Power-law fitness function scaling in the evolutionary method of path planning. , 2011, , .		0
4476	Training data selection method for prediction of anticancer drug effects using a genetic algorithm with local search. , 2011, 2011, 124-8.		1

#	Article	IF	Citations
4477	Evolutive ANFIS training for energy load profile forecast for an IEMS in an automated factory. , 2011, , .		14
4478	Evolutionary computation, combined with support vector machines, for gene structure prediction. , 2011, , .		1
4479	Design of a one-shoot tuning PID controller. , 2011, , .		2
4480	An improved lattice IIR digital filter structure. , 2011, , .		0
4481	A novel controller tuning of pH neutralization process. , 2011, , .		4
4482	Visual clustering method using genetic algorithm and image manipulation. , 2011, , .		0
4483	Automated, Parallel Optimization Algorithms for Stochastic Functions. , 2011, , .		3
4484	Torque optimization of submersible motors using evolutionary algorithms. , 2011, , .		4
4485	Reactive power optimization of power system based on multi-objective concordance evolutionary algorithm. , 2011, , .		1
4486	Risk-based maintenance schedule of transmission line using multi-objective evolutionary algorithm. , 2011, , .		3
4487	LZW mutual-information-maximizing input clustering algorithm. , 2011, , .		1
4488	A hybrid approach based on genetic fuzzy systems for Wireless Sensor Networks. , 2011, , .		1
4489	Wisdom of artificial crowds algorithm for solving NP-hard problems. International Journal of Bio-Inspired Computation, 2011, 3, 358.	0.9	35
4490	Enhancement of polarization controller characterization using Genetic Algorithm. , 2011, , .		0
4491	Stand-alone microgrids. , 2011, , .		12
4492	Intelligent Systems Engineering: Optical network applications. , 2011, , .		1
4493	Crustal Structure of the Northwest Deccan Volcanic Province, India,and the Adjoining Continental Shelf from Observed Surface-Wave Dispersion. Bulletin of the Seismological Society of America, 2011, 101, 1488-1495.	2.3	11
4494	Solving the Traveling Salesman Problem through Iterative Extended Changing Crossover Operators. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
4495	Impact Damage Characterization in Composites Using Signal Processing Techniques. Procedia Engineering, 2011, 14, 169-176.	1.2	2
4496	Incorporating genetic algorithm into rough feature selection for high dimensional biomedical data. , 2011, , .		2
4497	Fingertip force and position control using force sensor and tactile sensor for Universal Robot Hand II. , 2011, , .		5
4498	Voltage Regulation through Smart Utilization of Potential Reactive Power Resources. , 2011, , .		1
4499	Robustness of two air traffic scheduling approaches to departure uncertainty. , 2011, , .		1
4500	PSO based location and parameter setting of advance SVC controller with comparison to GA in mitigating small signal oscillations. , 2011, , .		9
4501	Evolution of stochastic bio-networks using summed rank strategies. , 2011, , .		3
4502	Optimal placement of Thyristor Controlled Series Compensation in power system based on Differential Evolution algorithm. , 2011, , .		8
4503	Inflation, unemployment, and the time consistency of the US monetary policy. Structural Change and Economic Dynamics, 2011, 22, 173-179.	4.5	4
4504	Design of PID power system stabilizer using GA for SMIB system: Linear and non-linear approach. , 2011, , .		7
4505	A Genetic Algorithm Based Clustering Approach for Piecewise Linearization of Nonlinear Functions. , 2011, , .		5
4506	GENETIC ALGORITHM AND FINITE ELEMENT ANALYSIS FOR OPTIMUM DESIGN OF SLOTTED TORUS AXIAL-FLUX PERMANENT-MAGNET BRUSHLESS DC MOTOR. Progress in Electromagnetics Research B, 2011, 33, 383-407.	1.0	7
4507	A back-propagation neural network based on a hybrid genetic algorithm and particle swarm optimization for image compression. , 2011, , .		2
4508	Application of Genetic Algorithms to the Optimization of a Roll-Type Electrostatic Separation Process. IEEE Transactions on Industry Applications, 2011, 47, 2218-2223.	4.9	5
4509	Correlation analysis and performance evaluation of distance measures for evolutionary neural networks. Journal of Intelligent and Fuzzy Systems, 2011, 22, 83-92.	1.4	4
4510	Application of Genetic Algorithm Optimized Neural Network Connection Weights for Medical Diagnosis of PIMA Indians Diabetes. International Journal on Soft Computing, 2011, 2, 15-23.	0.1	124
4511	Pure random search for ambient sensor distribution optimisation in a smart home environment. Technology and Health Care, 2011, 19, 137-160.	1.2	3
4512	Spatial Optimization and Resource Allocation in a Cellular Automata Framework. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
4513	Complex Fluid Phase Equilibrium Modeling and Calculations. , 2011, , .		0
4514	Exploring privacy versus data quality trade-offs in anonymization techniques using multi-objective optimization. Journal of Computer Security, 2011, 19, 935-974.	0.8	6
4515	Rendezvous between Two Active Spacecraft with Continuous Low Thrust. , 2011, , .		6
4516	Parallel and Distributed Data Mining. , 0, , .		10
4517	Failures Prediction of Pipelines Carrying Natural Gas Using Bees Algorithm. ECS Meeting Abstracts, 2011, , .	0.0	0
4518	Groundwater modeling using hybrid of artificial neural network with genetic algorithm. African Journal of Agricultural Research Vol Pp, 2011, 6, .	0.5	8
4519	Application of Statistical Methods for Gas Turbine Plant Operation Monitoring. , 2011, , .		0
4520	Neural-Discrete Hungry Roach Infestation Optimization to Select Informative Textural Features for Determining Water Content of Cultured Sunagoke Moss. Environmental Control in Biology, 2011, 49, 1-21.	0.7	7
4521	Modeling and Identification of Parameters the Piezoelectric Transducers in Ultrasonic Systems. , 0, , .		3
4522	Combined Heuristic Technique for Optimization of Bloom Filter in Spam Filtering. Journal of Computer Science, 2011, 7, 1439-1447.	0.6	1
4523	An Investigation of Using Parallel Genetic Algorithm for Solving the Shortest Path Routing Problem. Journal of Computer Science, 2011, 7, 206-215.	0.6	11
4524	Pseudo-Boolean functions. , 0, , 564-608.		0
4525	A proposal to fault diagnosis in industrial systems using bio-inspired strategies. Ingeniare, 2011, 19, 240-252.	0.3	2
4526	An Estimation of Rainfall using Fuzzy Set-Genetic Algorithms Model. American Journal of Engineering and Applied Sciences, 2011, 4, 77-81.	0.6	9
4527	Comprehensive Analysis of Stochastic Algorithms: An Alternative in Optimization. International Journal on Soft Computing, 2011, 2, 1-14.	0.1	0
4528	Evaluating Design Solutions Using Crowds. SSRN Electronic Journal, 0, , .	0.4	21
4529	Multiobjective Design Exploration in Space Engineering. , 0, , .		3
4530	Cooperative Behavior Rule Acquisition for Multi-Agent Systems by Machine Learning. , 0, , .		1

#	ARTICLE	IF	CITATIONS
4531	Evolvable Metaheuristics on Circuit Design. , 0, , .		4
4532	Evolutionary Artificial Neural Networks in Neutron Spectrometry. , 2011, , .		0
4533	Pre-Processing Tools and Intelligent Systems Applied to Power Quality Analysis. , 2011, , .		0
4534	Impact of Wind Farms in Power Networks. , 0, , .		2
4535	An Application of Genetic Fuzzy Systems to the Operation Planning of Hydrothermal Systems. , 0, , .		1
4536	The Coevolution of Behavior and Motivated Action Selection. , 2011, , .		0
4537	A Matlab Genetic Programming Approach to Topographic Mesh Surface Generation. , 0, , .		0
4538	Ground Motion Estimation During Strong Seismic Events Using Matlab. , 2011, , .		0
4539	Study for Application of Artificial Neural Networks in Geotechnical Problems. , 2011, , .		4
4540	Setting Staffing Levels in Systems with Time-Varying Demand: The Context of an Emergency Department. SSRN Electronic Journal, 2011, , .	0.4	1
4541	Global optimization of well placement for geological storage of CO_2 using iterative Latin hypercube samplings. Journal of the Japanese Association for Petroleum Technology, 2011, 76, 233-243.	0.0	3
4542	Feature Extraction by Mutual Information Based on Minimal-Redundancy-Maximal-Relevance Criterion and Its Application to Classifying EEG Signal for Brain-Computer Interfaces. , 0, , .		1
4543	Genetic algorithm based PID controller design for a multi-area AGC scheme in a restructured power system. International Journal of Engineering, Science and Technology, 2011, 3, .	0.6	3
4545	Synthesis and analysis of coupler curves with combined planar cam follower mechanisms. International Journal of Engineering, Science and Technology, 2011, 2, .	0.6	3
4546	A Simulation and Optimization Methodology for Reliability of Vehicle Fleets. SAE International Journal of Materials and Manufacturing, 2011, 4, 883-895.	0.3	4
4547	Multivariable Aircraft Engine Controller Design Using an Optimal Loop Shaping Approach. SAE International Journal of Aerospace, 2011, 4, 661-671.	4.0	2
4548	Methods to Design Microstrip Antennas for Modern Applications. , 0, , .		13
4549	Efficient model building in competent genetic algorithms using DSM clustering. AI Communications, 2011, 24, 213-231.	1.2	5

#	ARTICLE	IF	CITATIONS
4550	Basic Principles and Practices of Computer-Aided Drug Design. , 0, , 259-278.		0
4551	DISTRIBUTION MODEL FOR RELIEF SUPPLY CONSIDERING THE PRIORITY OF REFUGES IN TH E AFTERMATH OF A DISASTER. Journal of Japan Society of Civil Engineers Ser D3 (Infrastructure Planning and) Tj ETQq1 1 0.784314 rgBT.1Overlock 10 Tf 5
4552	Fuzzy ARTMAP and hybrid evolutionary programming for pattern classification. Journal of Intelligent and Fuzzy Systems, 2011, 22, 57-68.	1.4	9
4553	A heuristics method based on ant colony optimisation for redundancy allocation problems. International Journal of Computer Applications in Technology, 2011, 40, 71.	0.5	9
4554	Performance comparison of genetic algorithm and principal component analysis methods for ECG signal extraction. International Journal of Healthcare Technology and Management, 2011, 12, 379.	0.1	0
4555	An agent to optimally re-distribute control in an underactuated AUV. International Journal of Intelligent Defence Support Systems, 2011, 4, 3.	0.1	7
4556	Modelling of parallel production system with rework paths and its GA based simulator for optimal design. International Journal of Manufacturing Technology and Management, 2011, 23, 69.	0.1	1
4557	Optimal redundancy allocation for a reliability-based total cost of ownership model using genetic algorithm. International Journal of Reliability and Safety, 2011, 5, 158.	0.2	2
4558	Adopting Simple & Advanced Genetic Algorithms as Optimization Tools for Increasing Oil Recovery & NPV in an Iraq Oil Field. , 2011, , .		2
4559	Combining strategy of genetic algorithm and particle swarm algorithm for optimum problem of RFID reader. International Journal of Innovative Computing and Applications, 2011, 3, 71.	0.2	4
4560	Optimization of Unconventional Gas Developments by Bayesian Logic and Genetic Algorithm. , 2011, , .		3
4561	Creating Portfolio Insight by a Pratical Multi-Method Optimisation Approach. , 2011, , .		3
4562	Maximizing Tight Gas Recovery through a New Hydraulic Fracture Optimization Model. , 2011, , .		0
4563	Application of Genetic Algorithms to the Optimization of Pressure Transient Analysis of Water Injectors using Type Curves. , 2011, , .		3
4564	Multi-Objective Ant Colony Optimization: A Taxonomy and Review of Approaches. Series in Machine Perception and Artificial Intelligence, 2011, , 67-94.	0.1	11
4565	Estimation of Distribution Algorithms Applied to History Matching. , 2011, , .		12
4566	Optimized Pipe Renewal Programs Ensure Cost-Effective Asset Management. , 2011, , .		10
4567	The Application of BP Neural Network Based on Improved Adaptive Genetic Algorithm in Bridge Construction Control. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
4568	Analysis of two evolutionary gait generation techniques for different coordinate approaches. IEICE Electronics Express, 2011, 8, 873-878.	0.8	0
4569	Monte Carlo simulation based procedures for solving block layout problems. European Journal of Industrial Engineering, 2011, 5, 2.	0.8	6
4570	Pittsburgh-style learning classifier system for multiple environments: towards robust waterbus route for several situations. International Journal of Bio-Inspired Computation, 2011, 3, 370.	0.9	2
4571	Application of Genetic Algorithms for QoS routing in mobile ad-hoc networks: approaches and solutions. International Journal of Business Intelligence and Data Mining, 2011, 6, 215.	0.2	3
4572	An effective colour feature extraction method using evolutionary computation for face recognition. International Journal of Biometrics, 2011, 3, 206.	0.4	5
4573	Intelligent process planning methods for the manufacturing of moulds. International Journal of Computer Applications in Technology, 2011, 40, 64.	0.5	6
4574	MatPort &ndash; online mathematics learning with a bioinspired decision-making system. International Journal of Innovative Computing and Applications, 2011, 3, 50.	0.2	0
4575	A task-member assignment model for complex engineering projects. International Journal of Industrial and Systems Engineering, 2011, 7, 1.	0.2	10
4576	Differential evolution for a constrained combinatorial optimisation problem. International Journal of Metaheuristics, 2011, 1, 279.	0.1	5
4577	A fuzzy prediction model for calling communities. International Journal of Networking and Virtual Organisations, 2011, 8, 75.	0.2	2
4578	Evidence for using Interactive Genetic Algorithms in shape preference assessment. International Journal of Product Development, 2011, 13, 168.	0.2	9
4579	A New Framework with FDPP-LX Crossover for Real-Coded Genetic Algorithm. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2011, E94-A, 1417-1425.	0.3	5
4580	Advanced assembly planning approach using a multi-objective genetic algorithm. , 2011, , 107-146.		2
4581	Quadruped Robot Locomotion using a Global Optimization Stochastic Algorithm. , 2011, , .		1
4582	Technique for Reducing the Time Required for Local Optimum Searching in a Hybrid Genetic Algorithm. Journal of Computational Science and Technology, 2011, 5, 38-53.	0.4	2
4583	Hot topics in Evolutionary Computation. Intelligenza Artificiale, 2011, 5, 5-17.	1.6	5
4584	Global parameter optimization for maximizing radioisotope detection probabilities at fixed false alarm rates. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 29-32.	1.6	2
4586	Modified SPEA2 for Probabilistic Reliability Assessment in Smart Grids. Procedia Computer Science, 2011, 6, 435-440.	2.0	5

#	Article	IF	Citations
4587	Translational Knowledge: From Collecting Data to Making Decisions in a Smart Grid. Proceedings of the IEEE, 2011, 99, 977-997.	21.3	19
4588	Data access aggregation for context-aware services on CE portable devices. IEEE Transactions on Consumer Electronics, 2011, 57, 1978-1985.	3.6	2
4589	Detection of Ships in Marine Environments by Square Integration Mode and Multilayer Perceptrons. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 712-724.	4.7	11
4590	Vertical ground coupled steam ejector heat pump; thermal-economic modeling and optimization. International Journal of Refrigeration, 2011, 34, 1562-1576.	3.4	11
4591	Affine invariant matching of broken boundaries in noisy images based on the quality migrant injection genetic algorithm and a successive erosion and distance accumulation scheme. Applied Soft Computing Journal, 2011, 11, 5611-5620.	7.2	1
4592	A two-stage method for O-glycosylation site prediction. Chemometrics and Intelligent Laboratory Systems, 2011, 108, 142-145.	3.5	1
4593	Multi-agent intelligent traffic signal control considering bus priority in urban arteries. , 2011, , .		2
4594	The agile improvement of MMORPGs based on the enhanced chaotic neural network. Knowledge-Based Systems, 2011, 24, 642-651.	7.1	9
4595	Learning graph prototypes for shape recognition. Computer Vision and Image Understanding, 2011, 115, 905-918.	4.7	9
4596	Decision support system based on hierarchical co-evolutionary fuzzy approach: A case study in detecting gamma ray signals. Expert Systems With Applications, 2011, 38, 10719-10729.	7.6	11
4597	Hardware based genetic evolution of self-adaptive arbitrary response FIR filters. Applied Soft Computing Journal, 2011, 11, 842-854.	7.2	2
4598	Two-stage EDA-based approach for all optical WDM mesh network survivability under SRLG constraints. Applied Soft Computing Journal, 2011, 11, 916-926.	7.2	1
4599	Pareto-based evolutionary computational approach for wireless sensor placement. Engineering Applications of Artificial Intelligence, 2011, 24, 409-425.	8.1	22
4600	A genetic algorithm for optimizing gravity die casting's heat transfer coefficients. Expert Systems With Applications, 2011, 38, 7076-7080.	7.6	14
4601	Fuzzy clustering algorithms for unsupervised change detection in remote sensing images. Information Sciences, 2011, 181, 699-715.	6.9	269
4602	Genetic synthesis of production-control systems for unreliable manufacturing systems with variable demands. Computers and Industrial Engineering, 2011, 61, 198-208.	6.3	5
4603	Further improvements in the calculation of Censored Quantile Regressions. Journal of Computational and Applied Mathematics, 2011, 235, 1429-1445.	2.0	0
4604	Neural system for heartbeats recognition using genetically integrated ensemble of classifiers. Computers in Biology and Medicine, 2011, 41, 173-180.	7.0	22

#	ARTICLE	IF	CITATIONS
4605	Using evolutionary computation technique for trade-off between performance peak-to average power ration reduction and computational complexity in OFDM systems. Computers and Electrical Engineering, 2011, 37, 57-70.	4.8	20
4606	Optimization of depleted uranium loading in fresh core of large sized Indian PHWR by evolutionary algorithm. Annals of Nuclear Energy, 2011, 38, 905-909.	1.8	2
4607	Genetic algorithm based NARX model identification for evaluation of insulin sensitivity. Applied Soft Computing Journal, 2011, 11, 221-226.	7.2	12
4608	Genetic algorithm with peaks adaptive objective function used to fit the EPR powder spectrum. Applied Soft Computing Journal, 2011, 11, 1000-1007.	7.2	5
4609	Towards generalized expression for schemata count. Applied Soft Computing Journal, 2011, 11, 2134-2141.	7.2	1
4610	Stochastic approximation driven particle swarm optimization with simultaneous perturbation â€" Who will guide the guide?. Applied Soft Computing Journal, 2011, 11, 2334-2347.	7.2	6
4611	Performance analysis of a simple shunt and series compensated six-phase self-excited induction generator for stand-alone renewable energy generation. Energy Conversion and Management, 2011, 52, 1688-1699.	9.2	19
4612	A DSS generator for multiobjective optimisation of spreadsheet-based models. Environmental Modelling and Software, 2011, 26, 551-561.	4.5	101
4613	Using the XCS classifier system for portfolio allocation of MSCI index component stocks. Expert Systems With Applications, 2011, 38, 151-154.	7.6	5
4614	Prediction of tropospheric ozone concentrations: Application of a methodology based on the Darwinâ€™s Theory of Evolution. Expert Systems With Applications, 2011, 38, 1903-1908.	7.6	11
4615	Genetic regulatory network-based symbiotic evolution. Expert Systems With Applications, 2011, 38, 4756-4773.	7.6	3
4616	The prediction of promoter sequences based on the chemical features. Expert Systems With Applications, 2011, 38, 7881-7885.	7.6	5
4617	Neural network modeling of inter-characteristics of silicon nitride film deposited by using a plasma-enhanced chemical vapor deposition. Expert Systems With Applications, 2011, 38, 11437-11441.	7.6	6
4618	A computational tool to assist the analysis of the transformer behavior related to lightning. International Journal of Electrical Power and Energy Systems, 2011, 33, 556-561.	5.5	4
4619	GA optimization of Petri net-modeled concurrent service systems. Applied Soft Computing Journal, 2011, 11, 3929-3937.	7.2	11
4620	Numerical simulation of acoustic holography with propagator adaptation. Journal of Sound and Vibration, 2011, 330, 4233-4249.	3.9	7
4621	Onboard assessment of XRF spectra using genetic algorithms for decision making on an autonomous underwater vehicle. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 1341-1345.	1.4	7
4622	An interactive evolutionary algorithm for multiple objective convex integer problems. , 2011, , .		2

#	Article	IF	Citations
4623	A real coded MOGA for mining classification rules with missing attribute values. , 2011, , .		1
4624	Comparison of parallel genetic algorithm with depth first search algorithm for solving verbal arithmetic problems. , 2011, , .		0
4625	A hybrid Firefly Algorithm using genetic operators for the cryptanalysis of a monoalphabetic substitution cipher. , 2011, , .		25
4626	Interval computations, rigour and non-rigour in deterministic continuous global optimization. Optimization Methods and Software, 2011, 26, 259-279.	2.4	12
4627	Self adaptive mutation step size in Differential Evolution algorithm. , 2011, , .		2
4628	Research on optimal algorithms in mobile real-time broadcast environment. , 2011, , .		0
4629	Rough Set Theory based prognostication of life expectancy for terminally ill patients. , 2011, 2011, 6438-41.		4
4630	Research of Multi-Resource Constrained Project Scheduling base on the genetic algorithm. , 2011, , .		0
4631	A novel quantum-inspired genetic algorithm for a weekly university scheduling optimization. , 2011, , .		0
4632	An adaptive approach for color image retrieval. , 2011, , .		2
4633	Tolerance maximisation in fault diagnosis of analogue electronic circuits. , 2011, , .		4
4634	Network losses reduction by replacing conventional generation with dispersed generators on MV side. , 2011, , .		0
4635	Fitness function scaling in the evolutionary method of path planning. , 2011, , .		3
4636	Quality of state improvisation through evaluation function optimization in genetic application learning. , 2011, , .		0
4637	Improved reconstruction of quantized CT scans via genetic algorithms. , 2011, , .		3
4638	Pruning generalized rules for stock markets accumulated by Genetic Network Programming with Rule Accumulation. , 2011, , .		0
4639	Implementation of genetic algorithm and modified shuffled frog leaping algorithm for transmission loss minimum re-scheduling. , 2011, , .		3
4640	An Efficiency of Optimization Method of Sign Sound Using Interactive Differential Evolution. , 2011, , .		6

#	Article	IF	Citations
4641	Evolutionary ANNs: A state of the art survey. Intelligenza Artificiale, 2011, 5, 19-35.	1.6	22
4642	Parameters optimization of Closed-Loop Time-delayed Filter system. , 2011, , .		0
4643	An application of Genetic Fuzzy Systems for wireless sensor networks. , 2011, , .		2
4644	Evaluation for multi-objective threat based on min-distance among interval numbers. , 2011, , .		0
4645	A Qos based routing using genetic algorithm. , 2011, , .		2
4646	Multi-dimensional evolutionary feature synthesis for content-based image retrieval. , 2011, , .		4
4647	Simulation of high resolution lunar's Sinus Iridum terrain. , 2011, , .		2
4648	On Carrying Capacity of Concrete Columniation in Seawater by Genetic Algorithms. Applied Mechanics and Materials, 0, 71-78, 914-917.	0.2	0
4649	Cutting Force Model Prediction Considering Cutting Edge Parameters Base on Genetic Algorithm. Advanced Materials Research, 0, 188, 166-170.	0.3	0
4650	Assessment of Power System Reliability. , 2011, , .		74
4651	Improved Cuckoo Search Algorithm for Feed forward Neural Network Training. International Journal of Artificial Intelligence & Applications, 2011, 2, 36-43.	0.5	166
4652	Multi-Body Model Identification of Vehicle Semi-Active Suspension Based on Genetic Neural Network. Applied Mechanics and Materials, 0, 121-126, 4069-4073.	0.2	0
4653	Dynamic Optimization for Multi-Phase Intersection Timing Using Stratified Genetic Algorithm. Applied Mechanics and Materials, 2011, 135-136, 470-476.	0.2	0
4654	Aero-generator trend analysis based on optimized grey prediction model. , 2011, , .		0
4655	Simulated annealing technique to design minimum cost exchanger. Chemical Industry and Chemical Engineering Quarterly, 2011, 17, 409-427.	0.7	8
4656	Analysis of an EPC project: a solution to the resource constrained project scheduling problem using genetic algorithms. International Journal of Industrial and Systems Engineering, 2011, 8, 251.	0.2	12
4657	Sequential Sampling With Kernel-Based Bayesian Network Classifiers. , 2011, , .		1
4658	A taxonomy and review of the multiple criteria decision-making literature in chemical engineering. International Journal of Multicriteria Decision Making, 2011, 1, 407.	0.2	7

#	Article	IF	Citations
4659	Data mining with a parallel rule induction system based on gene expression programming. International Journal of Innovative Computing and Applications, 2011, 3, 136.	0.2	4
4660	A review of evolutionary algorithms for multi objective multi product multi modal distribution problem with a possible new approach. International Journal of Logistics Economics and Globalisation, 2011, 3, 1.	0.5	2
4661	Genetic algorithm for reliability-based design optimisation of composite drive shaft. International Journal of Industrial and Systems Engineering, 2011, 7, 224.	0.2	4
4662	Joint scheduling of jobs and Preventive Maintenance operations in the flowshop sequencing problem: a resolution with sequential and integrated strategies. International Journal of Manufacturing Research, 2011, 6, 30.	0.2	24
4663	Evolutionary discriminative speaker adaptation. , 2011, , .		0
4664	Automatized design application of intelligent information technologies for data mining problems. , 2011, , .		2
4665	Multi-objective optimization problems: Method and application. , 2011, , .		2
4666	Multimedia based fitness function optimization through evolutionary game learning. , 2011, , .		2
4667	Using multimodal information for the segmentation of fluorescent micrographs with application to Virology and microbiology. , 2011, 2011, 6487-90.		6
4668	Genetic-optimized neuro-fuzzy inference system (GONFIS) in nonlinear system identification. , 2011, , .		1
4669	Automated Assessment of Diabetic Retinopathy Severity Using Content-Based Image Retrieval in Multimodal Fundus Photographs. , 2011, 52, 8342.		33
4670	A hyper-heuristic approach to design and tuning heuristic methods for web document clustering. , 2011, , .		8
4671	Optimization of the layer thickness distribution in electrochemical processes using the level set method. , 2011, , .		0
4672	A study on distributed parameter free genetic algorithm for TSP problem. , 2011, , .		3
4673	Integrating adaptive probabilistic neural network with level set methods for MR image segmentation. , 2011, , .		2
4674	A statistical framework for biomarker identification of biopsies using HR-MAS HSQC spectroscopy. , 2011, , .		0
4675	Real-time optimization for lactic acid production from sucrose fermentation by Lactobacillus plantarum. Computer Aided Chemical Engineering, 2011, 29, 1396-1400.	0.5	6
4676	Minimizing job completion time in grid scheduling with resource and timing constraints using genetic algorithm. , 2011, , .		3

#	Article	IF	Citations
4677	Aerodynamic Optimization of Variable Pitch Wind Turbine Blade Based on Adaptive Genetic Algorithm. Applied Mechanics and Materials, 2012, 215-216, 289-292.	0.2	0
4678	Automatic Picker Developments and Optimization: A Strategy for Improving the Performances of Automatic Phase Pickers. Seismological Research Letters, 2012, 83, 541-554.	1.9	32
4679	Architecture and methods for UAV-based heterogeneous sensor network applications. , 2012, , .		1
4680	Multi-objective Optimum Design Concepts and Methods. , 2012, , 657-679.		11
4681	Domain 4. , 2012, , 169-211.		2
4682	Nature-Inspired Search Methods. , 2012, , 713-729.		1
4683	Pareto-efficient hybridization for multi-objective recommender systems. , 2012, , .		82
4684	Why People Play: Artificial Lives Acquiring Play Instinct to Stabilize Productivity. Computational Intelligence and Neuroscience, 2012, 2012, 1-8.	1.7	0
4685	Dispersive model selection and reconstruction for tissue culture ultrasonic monitoring. , 2012, , .		3
4686	Distributed Evolutionary Graph Partitioning. , 2012, , 16-29.		43
4687	Improved genetic algorithm for magnetic material two-stage multi-product production scheduling: A case study. , 2012, , .		1
4688	A GA-based optimization for frequency-selective scheduling in downlink OFDMA systems with cyclic-delay diversity. , 2012, , .		1
4689	A Novel Proposed Approach for an Equitable Payment Distribution Using Genetic Algorithm. , 2012, , .		1
4690	Multiple cues integration for part-based adaptive workpieces detection. , 2012, , .		0
4691	Element sharing in interleaved antenna arrays. , 2012, , .		1
4692	Hybrid Mesh Adaptive Direct Search and Genetic Algorithms for solving fuzzy non-linear optimization problems. , 2012, , .		2
4693	A genetic algorithm for the Dubins Traveling Salesman Problem. , 2012, , .		10
4694	Gray Image Extraction Using Fuzzy Logic. , 2012, , .		5

#	Article	IF	Citations
4695	Genetic-based Characterization of Fractured Reservoirs from Interpreted Well Tests. , 2012, , .		0
4696	Evolutionary computation applictaion in power level control of nuclear power station. , 2012, , .		1
4697	The application of Genetic Algorithms in component parameters design. , 2012, , .		0
4698	Mutation in Compressed Encoding in Estimation of Distribution Algorithm. , 2012, , .		1
4699	A modified MODPEX model for MOSFET and parameter optimization using excel-based genetic algorithm. , 2012, , .		1
4700	Near-optimal scheduling of device activation in water distribution systems to reduce the impact of a contamination event. Journal of Hydroinformatics, 2012, 14, 345-365.	2.4	16
4701	Applications of Heuristics and Metaheuristics in Power Systems. Journal of Electrical and Computer Engineering, 2012, 2012, 1-2.	0.9	2
4702	GPU-based tuning of quantum-inspired genetic algorithm for a combinatorial optimization problem. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2012, 60, 323-330.	0.8	21
4703	Supplier selection and evaluation model based on the adaptive genetic algorithm and BP neural network. , 2012, , .		0
4704	Load-balanced CDS construction in wireless sensor networks via genetic algorithm. International Journal of Sensor Networks, 2012, 11, 166.	0.4	26
4705	Optimization of Flatback Airfoils for Wind Turbine Blades Using a Multi-Objective Genetic Algorithm. , 2012, , .		1
4706	An application of genetic algorithm method for solving patrol manpower deployment problems through fuzzy goal programming in traffic management system: a case study. International Journal of Bio-Inspired Computation, 2012, 4, 47.	0.9	21
4707	A survey on existing vendor selection techniques. International Journal of Logistics Systems and Management, 2012, 11, 56.	0.2	5
4708	Optimization of Power Generation From Shrouded Wind Turbines. , 2012, , .		0
4709	An image threshold selection method based on the Burr distribution. Proceedings of SPIE, 2012, , .	0.8	0
4710	Visual interactive evolutionary algorithm for high dimensional outlier detection and data clustering problems. International Journal of Bio-Inspired Computation, 2012, 4, 6.	0.9	13
4711	Validation of a Model for Coping and Mood for Virtual Agents. , 2012, , .		2
4712	Designing of integrated system-dynamics models for an oil company. International Journal of Computer Applications in Technology, 2012, 45, 220.	0.5	12

#	ARTICLE	IF	CITATIONS
4713	Dynamic Penalty Function Evolution Algorithms for History Matching of Oil and Gas Reservoir Models. , 2012, , .		1
4714	Application of genetic algorithm for the improved performance of boost converters. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 85-90.	0.4	4
4715	Automatic Isotherm Derivation from Field Data for Oilfield Scale Inhibitor Squeeze Treatments. , 2012, , .		4
4716	Evolutionary techniques for sensor networks energy optimization in marine environmental monitoring. Proceedings of SPIE, 2012, , .	0.8	2
4717	Topologically evolved phononic material: breaking the world record in band gap size. , 2012, , .		10
4718	Workpiece Placement Optimization of Six-Revolute Industrial Serial Robots for Machining Operations. , 2012, , .		11
4719	Learning to capture the functions of genetic regulatory networks using graph motifs. International Journal of Advanced Intelligence Paradigms, 2012, 4, 185.	0.3	3
4720	Multi-objective genetic algorithms for flights amalgamation problem. International Journal of Computer Applications in Technology, 2012, 45, 254.	0.5	2
4721	Developing a new chance-constrained data envelopment analysis in the presence of stochastic data. International Journal of Business Excellence, 2012, 5, 169.	0.3	9
4722	Effective operators using parallel processing for nurse scheduling by cooperative genetic algorithm. International Journal of Data Mining, Modelling and Management, 2012, 4, 57.	0.1	1
4723	Interactive fuzzy programming for multi-level programming problems: a review. International Journal of Multicriteria Decision Making, 2012, 2, 241.	0.2	22
4724	Receiver Function Inversion Using Genetic Algorithms. Bulletin of the Seismological Society of America, 2012, 102, 2245-2251.	2.3	3
4725	An integration of fuzzy inference systems and Genetic Algorithms for Wireless Sensor Networks. International Journal of Hybrid Intelligent Systems, 2012, 9, 61-74.	1.2	4
4726	ELASTO-PLASTIC TRUSS OPTIMIZATION USING GENETIC ALGORITHM. Journal of Structural and Construction Engineering, 2012, 77, 427-436.	0.5	0
4727	Design Exploration based on Evolutionary Computation. Nippon Gomu Kyokaishi, 2012, 85, 289-295.	0.0	2
4728	A multi-tool integrated methodology for distributed resource allocation in healthcare. International Journal of Industrial and Systems Engineering, 2012, 11, 428.	0.2	3
4729	Metaheuristic in facility layout problems: current trend and future direction. International Journal of Industrial and Systems Engineering, 2012, 10, 238.	0.2	19
4730	Comparison of meta-heuristics for container ship routing problem. International Journal of Services and Operations Management, 2012, 12, 348.	0.2	4

#	ARTICLE	IF	CITATIONS
4731	Estimation of distribution algorithms based on two copula selection methods. International Journal of Computing Science and Mathematics, 2012, 3, 317.	0.3	8
4732	A fuzzy incremental clustering approach to hybrid data discovery. Acta Electrotechnica Et Informatica, 2012, 12, .	0.3	4
4733	Combined classifier based on feature space partitioning. International Journal of Applied Mathematics and Computer Science, 2012, 22, 855-866.	1.5	23
4734	Automated Planning and Design of Formwork for Freeform Shell Structures. , 2012, , .		0
4735	Comparative Study of Some Heuristics for the Cross-Docking Problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 351-356.	0.4	3
4736	Optimisation algorithms for the cooperative communication problem in mobile ad-hoc networks. International Journal of Ad Hoc and Ubiquitous Computing, 2012, 10, 39.	0.5	2
4737	Neuroevolution with manifold learning for playing Mario. International Journal of Bio-Inspired Computation, 2012, 4, 14.	0.9	8
4738	Multi-agent simulated annealing algorithm based on differential evolution algorithm. International Journal of Bio-Inspired Computation, 2012, 4, 217.	0.9	23
4739	Biological plausibility in optimisation: an ecosystemic view. International Journal of Bio-Inspired Computation, 2012, 4, 345.	0.9	6
4740	Genetic routing optimisation for the computer aided manufacture of circuits. International Journal of Computer Aided Engineering and Technology, 2012, 4, 360.	0.2	0
4741	On some properties of binary chromosomes and states of artificial immune systems. International Journal of Data Analysis Techniques and Strategies, 2012, 4, 277.	0.2	2
4742	An improved genetic algorithm for statistical potential function design and protein structure prediction. International Journal of Data Mining and Bioinformatics, 2012, 6, 162.	0.1	3
4743	Gene order computation using Alzheimer's DNA microarray gene expression data and the ant colony optimisation algorithm. International Journal of Data Mining and Bioinformatics, 2012, 6, 617.	0.1	4
4744	An evolutionary approach for high dimensional attribute selection. International Journal of Intelligent Information and Database Systems, 2012, 6, 578.	0.3	0
4745	Ascendancy of a modified tabu search for multi-stage non-linear multiple response constrained optimisation problem. International Journal of Productivity and Quality Management, 2012, 9, 352.	0.2	9
4746	Genetic algorithm-based energy-efficient protocol for wireless sensor networks. International Journal of Ultra Wideband Communications and Systems, 2012, 2, 133.	0.1	1
4747	Computational methods for the optimisation and design of electromechanical vehicle systems. International Journal of Vehicle Design, 2012, 58, 159.	0.3	12
4748	Mathematical model of a hydrodynamic torque converter for vehicle power transmission system optimisation. International Journal of Vehicle Design, 2012, 59, 1.	0.3	4

#	Article	IF	Citations
4749	A non-linear programming-based similarity reasoning scheme for modelling of monotonicity-preserving multi-input fuzzy inference systems. Journal of Intelligent and Fuzzy Systems, 2012, 23, 71-92.	1.4	9
4750	The Methodology of the Maximum Likelihood Approach: Estimation, Detection, and Exploration of Seismic Events. IEEE Signal Processing Magazine, 2012, 29, 40-46.	5.6	4
4751	Low Cost EVM Testing of Wireless RF SoC Front-Ends Using Multitones. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2012, 31, 1088-1101.	2.7	16
4752	Cost Minimisation for Optical Burst Switched Networks with Share-per-Node Fibre Delay Lines. IEEE Communications Letters, 2012, 16, 945-948.	4.1	2
4753	Portfolio Optimization in High and Low Risk Environments. , 2012, , .		3
4754	Optimal coordination of directional overcurrent relays: A genetic algorithm approach. , 2012, , .		34
4755	Voltage stability improvement through centralized reactive power management on the Smart Grid. , 2012, , .		13
4756	Automatic Identification and Classification of Noun Argument Structures in Biomedical Literature. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1639-1648.	3.0	4
4757	The compact Genetic Algorithm for likelihood estimator of first order moving average model. , 2012, , .		1
4758	Reconfiguration of distribution network for loss reduction at different load schemes. , 2012, , .		3
4759	CMA-PAES: Pareto archived evolution strategy using covariance matrix adaptation for Multi-Objective Optimisation. , 2012, , .		5
4760	Influence of Search Algorithms on Aerodynamic Design Optimisation of Aircraft Wings. Procedia Engineering, 2012, 38, 2155-2163.	1.2	7
4761	A Posynomial Geometric Programming Restricted to a System of Fuzzy Relation Equations. Procedia Engineering, 2012, 38, 3462-3476.	1.2	6
4762	Towards Improving Self-adaptive Differential Evolution for Numerical Optimization: A Progress Note. Procedia Technology, 2012, 6, 49-56.	1.1	1
4763	Optimal design of constraint engineering systems: application of mutable smart bee algorithm. International Journal of Bio-Inspired Computation, 2012, 4, 167.	0.9	41
4764	A product modular design method based on axiomatic design. , 2012, , .		1
4765	Uncertain Low Penetration Rate -- A Practical Issue in Mobile Intelligent Transportation Systems. , 2012, , .		0
4766	A Parallel Evolutionary Algorithm for Multilayered Robust Network Design. , 2012, , .		1

#	Article	IF	Citations
4767	Probabilistic constraint handling in the framework of joint evolutionary-classical optimization with engineering applications. , 2012, , .		8
4768	A radio frequency identification network design methodology for the decision problem in Mackay Memorial Hospital based on swarm optimization. , 2012, , .		2
4769	Analyzing the Evolution of Social Exchange Strategies in Social Preference-Based MAS through an Evolutionary Spatial Approach of the Ultimatum Game. , 2012, , .		5
4770	Fast dual selection using genetic algorithms for large data sets. , 2012, , .		1
4771	Innovative approach to server performance and power monitoring in data centers using wireless sensors (invited paper). , 2012, , .		3
4772	Ecosystem-oriented distributed evolutionary computing. , 2012, , .		0
4773	Studies on migration strategies of multiple population parallel particle swarm optimization. , 2012, , .		4
4774	CPrefMiner: An Algorithm for Mining User Contextual Preferences Based on Bayesian Networks. , 2012, , .		3
4775	Word segmentation through cross-lingual word-to-phoneme alignment. , 2012, , .		7
4776	Influence of the power-consumption at non-fundamental frequency on Passive intermodulation generation. , 2012, , .		0
4777	De Novo Design of Potential RecA Inhibitors Using MultiObjective Optimization. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1139-1154.	3.0	11
4778	Design of a set of controllers for an n-link robot manipulator. International Journal of Automation and Control, 2012, 6, 277.	0.5	3
4779	A Positioning Method in Wireless Sensor Networks using Genetic Algorithms. Physics Procedia, 2012, 33, 1042-1049.	1.2	9
4780	Rationally designed porous silicon as platform for optical biosensors. Thin Solid Films, 2012, 520, 6434-6439.	1.8	9
4781	A hybrid evolutionary programming approach for optimal worst case tolerance design of magnetic devices. Applied Soft Computing Journal, 2012, 12, 2425-2434.	7.2	2
4782	Design of algorithm for vehicle identification by number plate recognition. , 2012, , .		5
4783	Adaptive Data Embedding Framework for Multiclass Classification. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1291-1303.	11.3	19
4784	Breakage Distribution Estimation of Bauxite Based on Piecewise Linearized Breakage Rate. Chinese Journal of Chemical Engineering, 2012, 20, 1198-1205.	3.5	5

#	ARTICLE	IF	CITATIONS
4785	Placement and sizing of combined heat and power systems considering cost/benefit analysis. , 2012, , .		1
4786	A model for sales forecasting based on fuzzy clustering and Back-propagation Neural Networks with adaptive learning rate. , 2012, , .		5
4787	Improved radar detection using evolutionary optimised filter. IET Radar, Sonar and Navigation, 2012, 6, 803-812.	1.8	2
4788	Combining GA and iterative MVDR for DOA estimation in space-time CDMA systems. Computers and Electrical Engineering, 2012, 38, 1399-1408.	4.8	5
4789	Algorithms for the generalized weighted frequency assignment problem. Computers and Operations Research, 2012, 39, 3256-3266.	4.0	5
4790	Pareto optimization of cognitive radio parameters using multiobjective evolutionary algorithms and fuzzy decision making. Swarm and Evolutionary Computation, 2012, 7, 7-20.	8.1	22
4791	Dynamic nonlinear state-space model with a neural network via improved sequential learning algorithm for an online real-time hydrological modeling. Journal of Hydrology, 2012, 468-469, 11-21.	5.4	14
4792	Differential profiling of volatile organic compound biomarker signatures utilizing a logical statistical filter-set and novel hybrid evolutionary classifiers. , 2012, , .		2
4793	Hierarchical decomposition considered inconvenient: self-adaptation across abstraction layers. , 2012, , .		1
4794	Arc-elasticity and hierarchical exploration of the neighborhood of solutions in mechanical design. Advanced Engineering Informatics, 2012, 26, 603-617.	8.0	7
4795	Hierarchical fuzzy controller for a nonholonomic mobile robot. , 2012, , .		5
4796	Intellectualization Projection Pursuit Regression Model Used in the Water Demand Forecasting. Lecture Notes in Electrical Engineering, 2012, , 505-510.	0.4	0
4797	A systematic type-2 fuzzy optimization model for global market analysis and its application. , 2012, , .		2
4798	A hybrid algorithm for fuzzy clustering. European Journal of Industrial Engineering, 2012, 6, 50.	0.8	4
4799	Passive balancing of a rotating mechanical system using genetic algorithm. Scientia Iranica, 2012, 19, 1502-1510.	0.4	3
4800	Quantifying the relative merits of genetic and swarm algorithms for network optimization in cognitive radio networks. , 2012, , .		1
4801	Multi-objective optimization of the energy capture and boost inductor mass in a module-integrated converter (MIC) photovoltaic energy system. , 2012, , .		7
4802	Comparison of Deterministic and Probabilistic Approaches for Solving 0/1 Knapsack Problem. Advances in Intelligent and Soft Computing, 2012, , 629-637.	0.2	0

#	ARTICLE	IF	CITATIONS
4803	Robust motion estimation for overlapping images via genetic algorithm. , 2012, , .		1
4804	Parameter Optimization Design for Touch Panel Laser Cutting Process. IEEE Transactions on Automation Science and Engineering, 2012, 9, 320-329.	5.2	8
4805	Clustering data set with categorical feature using multi objective genetic algorithm. , 2012, , .		10
4806	LAWS, LANGUAGE and LIFE. Biosemiotics Bookseries, 2012, , .	0.3	56
4807	A Knowledge-Based Method for Association Studies on Complex Diseases. PLoS ONE, 2012, 7, e44162.	2.5	1
4808	Optimization Strategies to Explore Multiple Optimal Solutions and Its Application to Restraint System Design. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 5, 540-551.	0.4	5
4809	A combined approach to tackle imbalanced data sets. International Journal of Hybrid Intelligent Systems, 2012, 9, 185-202.	1.2	3
4810	Design of a High-Temperature Utility Electromechanical Actuator. , 2012, , .		1
4811	Multi-Stage Based Feature Extraction Methods for Uyghur Handwriting Based Writer Identification. , 0, , .		2
4812	Survey on Various Gesture Recognition Technologies and Techniques. International Journal of Computer Applications, 2012, 50, 38-44.	0.2	39
4813	Markov Switching Artificial Neural Networks and Volatility Modeling with an Application to a Turkish Stock Index. SSRN Electronic Journal, 2012, , .	0.4	0
4814	Time frequency analysis and power signal disturbance classification using support vector machine and differential evolution algorithm. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2012, 16, 199-214.	1.0	5
4815	Comprobación de la Eficiencia de los Algoritmos Genéticos para la Predicción del Precio de Intel (Testing the Performance of Genetic Algorithms for Predicting Intel Stock Price). SSRN Electronic Journal, 0, , .	0.4	0
4816	Improvement Techniques for Automatic Speech Recognition. , 2012, , .		0
4817	Discovering Fuzzy Censored Classification Rules (Fccrs): A Genetic Algorithm Approach. International Journal of Artificial Intelligence & Applications, 2012, 3, 175-188.	0.5	2
4818	Using Genetic Algorithms for Credit Scoring System Maintenance Functions. International Journal of Artificial Intelligence & Applications, 2012, 3, 1-8.	0.5	1
4819	Application of Computer for Analyzing World Co2 Emission. International Journal of Computer Science, Engineering and Applications, 2012, 2, 13-21.	0.1	2
4820	Optical solitons from a photonic crystal fiber and their applications. , 2012, , .		2

#	Article	IF	Citations
4821	Integrated Cellular Manufacturing System Design and Layout Using Group Genetic Algorithms. , 0, , .		3
4822	Energy Efficiency in Water Supply Systems: GA for Pump Schedule Optimization and ANN for Hybrid Energy Prediction. , 0, , .		6
4823	GENETIC BASED PLUS INTEGRAL CONTROLLER FOR PMBLDC MOTOR CONTROL USING RESONANT POLE INVERTER. American Journal of Applied Sciences, 2012, 9, 2012-2020.	0.2	0
4824	Hybrid Two-Stage Algorithm for Solving Transportation Problem. Modern Applied Science, 2012, 6, .	0.6	11
4825	Genetic Algorithms and Group Method of Data Handling-Type Neural Networks Applications in Poultry Science. , 0, , .		0
4826	Dynamic Modelling of Flexible Manipulator System Using Genetic Algorithm. Dhaka University Journal of Science, 2012, 60, 239-245.	0.2	2
4827	Simultaneous optimization and uncertainty quantification. Journal of Computational Methods in Sciences and Engineering, 2012, 12, 99-110.	0.2	1
4828	Variance as a Stopping Criterion for Genetic Algorithms with Elitist Model. Fundamenta Informaticae, 2012, 120, 145-164.	0.4	27
4829	Performance Analysis of Neuro Genetic Algorithm Applied on Detecting Proportion of Components in Manhole Gas Mixture. International Journal of Artificial Intelligence & Applications, 2012, 3, 83-98.	0.5	8
4830	Agent-based modeling under partial and full knowledge learning settings to simulate financial markets. AI Communications, 2012, 25, 295-304.	1.2	12
4831	Optimization of surface roughness in CNC end milling using response surface methodology and genetic algorithm. International Journal of Engineering, Science and Technology, 2012, 3, 102-109.	0.6	30
4832	Hi-Speed Tactile Sensing for Array-type Tactile Sensor and Object Manipulation based on Tactile Information. Transactions of the Institute of Systems Control and Information Engineers, 2012, 25, 117-125.	0.1	1
4833	Towards the development of a new wavelet for ECG classification. , 2012, , .		1
4834	Damping optimisation of hybrid active–passive sandwich composite structures. Advances in Engineering Software, 2012, 46, 69-74.	3.8	21
4835	A comparative study on full diagonalization of Hessian matrix and Gradient-only technique to trace out reaction path in doped noble gas clusters using stochastic optimization. Chemical Physics, 2012, 400, 198-206.	1.9	16
4836	Boosting the gasoline octane number in thermally coupled naphtha reforming heat exchanger reactor using de optimization technique. Fuel, 2012, 97, 109-118.	6.4	12
4837	Utility driven optimization of real time data broadcast schedules. Applied Soft Computing Journal, 2012, 12, 1832-1846.	7.2	10
4838	An enhanced classification method comprising a genetic algorithm, rough set theory and a modified PBMF-index function. Applied Soft Computing Journal, 2012, 12, 46-63.	7.2	16

#	ARTICLE	IF	CITATIONS
4839	A genetic algorithm based heuristic to the multi-period fixed charge distribution problem. Applied Soft Computing Journal, 2012, 12, 682-699.	7.2	25
4840	Minimizing makespan on a three-machine flowshop batch scheduling problem with transportation using genetic algorithm. Applied Soft Computing Journal, 2012, 12, 768-777.	7.2	24
4841	Automated synthesis of multiple analog circuits using evolutionary computation for redundancy-based fault-tolerance. Applied Soft Computing Journal, 2012, 12, 1309-1321.	7.2	23
4842	Performance and cost trade-off in Tracking Area reconfiguration: A Pareto-optimization approach. Computer Networks, 2012, 56, 157-168.	5.1	16
4843	Path approximation for multi-hop wireless routing under application-based accuracy constraints. Computer Networks, 2012, 56, 345-364.	5.1	3
4844	Prediction of the mutual diffusion coefficient for controlled drug delivery devices. Computers and Chemical Engineering, 2012, 39, 186-198.	3.8	5
4845	Estimation of nonlinear static skin friction on multiple pile segments using the measured hammer impact response at the top and bottom of the pile. Computers and Geotechnics, 2012, 41, 79-89.	4.7	7
4846	The optimal design of a barrel vault in the conceptual design stage. Computers and Structures, 2012, 92-93, 308-316.	4.4	6
4847	A role-oriented service system architecture for enterprise process collaboration. Computers and Operations Research, 2012, 39, 1893-1900.	4.0	12
4848	Optimization of gas pressures ratio in a fast-axial-flow CO_2 laser with genetic algorithm. Optik, 2012, 123, 1421-1424.	2.9	2
4849	An optimization method to estimate models with store-level data: A case study. European Journal of Operational Research, 2012, 217, 664-672.	5.7	2
4850	Hybrid intelligent parameter estimation based on grey case-based reasoning for laminar cooling process. Engineering Applications of Artificial Intelligence, 2012, 25, 418-429.	8.1	20
4851	Flow-based grey single-layer perceptron with fuzzy integral. Neurocomputing, 2012, 91, 86-89.	5.9	3
4852	Appropriate thermodynamic cycles to be used in future pressure-channel supercritical water-cooled nuclear power plants. Nuclear Engineering and Design, 2012, 246, 2-11.	1.7	6
4853	Selection of fuel channels for Thermal Power Measurement in 700MWe Indian PHWR by evolutionary algorithm. Nuclear Engineering and Design, 2012, 247, 116-122.	1.7	3
4854	Practical considerations for experimental designs of spatially autocorrelated data using computer intensive methods. Statistical Methodology, 2012, 9, 172-184.	0.5	5
4855	Prediction of gas to water solvation enthalpy of organic compounds using support vector machine. Thermochimica Acta, 2012, 539, 7-15.	2.7	9
4856	A distance between populations for one-point crossover in genetic algorithms. Theoretical Computer Science, 2012, 429, 213-221.	0.9	4

#	ARTICLE	IF	CITATIONS
4857	Experimental design of dynamic model-based damage identification in piezoelectric ceramics. Mechanical Systems and Signal Processing, 2012, 26, 268-293.	8.0	5
4858	Real-Time Combinatorial Optimization for Elevator Group Dispatching. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 130-146.	2.9	17
4859	Multiobjective Synthesis of Six-Bar Mechanisms Under Manufacturing and Collision-Free Constraints. IEEE Computational Intelligence Magazine, 2012, 7, 36-48.	3.2	8
4860	Multisine With Optimal Phase-Plane Uniformity for ADC Testing. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 566-578.	4.7	9
4861	Optimal network topology of relative navigation and communication for navigation sharing in fractionated spacecraft cluster. Advances in Space Research, 2013, 52, 1047-1062.	2.6	4
4862	An efficient algorithm for function optimization: modified stem cells algorithm. Open Engineering, 2013, 3, 36-50.	1.6	17
4863	Brief review of static optimization methods. , 2013, , 1-43.		4
4864	Simultaneous continuous feature selection and K clustering by Multi Objective Genetic Algorithm. , 2013, , .		8
4865	Multi-criteria based staging of Optimal PMU Placement using Fuzzy Weighted Average. , 2013, , .		4
4866	Distributed Antenna Systems in Fractional-Frequency-Reuse-Aided Cellular Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1340-1349.	6.3	16
4867	EvoGeneSys, a new evolutionary approach to graph generation. Applied Soft Computing Journal, 2013, 13, 1922-1938.	7.2	1
4868	A hybrid approach to design materials with negative linear compressibility. Computational Materials Science, 2013, 79, 971-976.	3.0	4
4869	Optimal positioning of relay node in wireless cooperative communication networks. , 2013, , .		6
4870	Hybrid classification and regression models via particle swarm optimization auto associative neural network based nonlinear PCA. International Journal of Hybrid Intelligent Systems, 2013, 10, 137-149.	1.2	11
4871	Development of antibiotic regimens using graph based evolutionary algorithms. BioSystems, 2013, 114, 178-185.	2.0	0
4872	Linkage learning by number of function evaluations estimation: Practical view of building blocks. Information Sciences, 2013, 230, 162-182.	6.9	4
4873	OCLoptimizer: An Iterative Optimization Tool for OpenCL. Procedia Computer Science, 2013, 18, 1322-1331.	2.0	7
4874	A fast fine-grained genetic algorithm for spectrum fitting: An application to X-ray spectra. Computer Physics Communications, 2013, 184, 573-578.	7.5	8

#	ARTICLE	IF	CITATIONS
4875	Multiple parents crossover operators: A new approach removes the overlapping solutions for sequencing problems. Applied Mathematical Modelling, 2013, 37, 2737-2746.	4.2	7
4876	Feature selection filter for classification of power system operating states. Computers and Mathematics With Applications, 2013, 66, 1795-1807.	2.7	4
4877	Geometricity of genetic operators for real-coded representation. Applied Mathematics and Computation, 2013, 219, 10915-10927.	2.2	11
4878	Securing iris recognition systems against masquerade attacks. , 2013, , .		2
4879	High resolution range-reflectivity estimation of radar targets via compressive sampling and Memetic Algorithm. Information Sciences, 2013, 252, 144-156.	6.9	10
4880	Optimal Testing Resource Allocation for modular software systems based-on multi-objective evolutionary algorithms with effective local search strategy. , 2013, , .		0
4881	Multiobjective optimization of MPLS-IP networks with a variable neighborhood genetic algorithm. Applied Soft Computing Journal, 2013, 13, 4403-4412.	7.2	3
4882	Multidisciplinary design optimization of the acoustic interaction between the satellite and launch vehicle. , 2013, , .		2
4883	Distributed generation siting and sizing with implementation feasibility analysis. , 2013, , .		8
4884	Single machine scheduling with unequal release times and idle insert for minimizing the sum of maximum earliness and tardiness. Mathematical and Computer Modelling, 2013, 57, 2549-2563.	2.0	20
4885	The estimation of failure probabilities as a false optimization problem. Structural Safety, 2013, 45, 1-9.	5.3	2
4886	Implementation of a fractional PD controller tuned by genetic algorithm for a Steward platform. , 2013, , .		4
4887	Application of data mining techniques for detecting asymptomatic carotid artery stenosis. Computers and Electrical Engineering, 2013, 39, 1499-1505.	4.8	4
4888	Coverage and installation cost optimization in WSNs using a fitness-based crossover evolutionary algorithm. , 2013, , .		1
4889	A new model of bio-inspired bat robot. , 2013, , .		5
4890	Computational intelligence methods for the identification of early Cardiac Autonomic Neuropathy. , 2013, , .		3
4891	Stability of p-cycles in WDM optical networks with dynamic traffic: A multi-objective approach. , 2013, , .		1
4892	GA and ANFIS based power system stabilizer. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
4893	Information transmission through genetic algorithm fitness maps. , 2013, , .		2
4894	Accelerating genetic schema processing through local search. , 2013, , .		2
4895	Optimizing apparel production systems using genetic algorithms. , 2013, , 153-169.		5
4896	A self-adaptive Mate Choice model for Symbolic Regression. , 2013, , .		1
4897	A Structured Light System Encoding for an Uncalibrated 3D Reconstruction Based on Evolutionary Algorithms. , 2013, , .		1
4898	A two-tier positioning algorithm for wireless networks with diverse measurement types. , 2013, , .		0
4899	Configuring topic models for software engineering tasks in TraceLab. , 2013, , .		11
4900	Gabor filter and rough clustering based edge detection. , 2013, , .		7
4901	Active fault-tolerant control for two-wheeled differential drive mobile robot based on fault compensation method. , 2013, , .		3
4902	Comparison of Honey Bee Mating Optimization and Genetic Algorithm for Coordinated Design of Pss and Statcom Based on Damping of Power System Oscillation. Journal of Electrical Engineering, 2013, 64, 133-142.	0.7	2
4903	Genetic algorithm optimized DCM positioning. , 2013, , .		1
4904	Simulated annealing based classifier ensemble techniques: Application to part of speech tagging. Information Fusion, 2013, 14, 288-300.	19.1	10
4905	Adaptation to non-native speech using evolutionary-based discriminative linear transforms. Engineering Applications of Artificial Intelligence, 2013, 26, 899-904.	8.1	2
4906	Detection of sparse targets with structurally perturbed echo dictionaries. , 2013, 23, 1630-1644.		3
4907	Searching with cooperators. Chaos, Solitons and Fractals, 2013, 56, 45-52.	5.1	0
4908	Feature extraction and track measurement for low resolution images: A cost effective method. Radiation Measurements, 2013, 50, 228-231.	1.4	5
4909	Co-evolution of Antagonistic Intelligent Agents Using Genetic Algorithms. Procedia Computer Science, 2013, 18, 692-701.	2.0	1
4910	Performance of different metaheuristics in EEG source localization compared to the Cramér–Rao bound. Neurocomputing, 2013, 120, 597-609.	5.9	7

#	ARTICLE	IF	CITATIONS
4911	Developing Domain-Knowledge Evolutionary Algorithms for Network-on-Chip Application Mapping. Microprocessors and Microsystems, 2013, 37, 65-78.	2.8	6
4912	OPTIMIZATION OF A NONLINEAR ELECTRICALâ€"THERMAL MODEL OF THE SKIN. Biomedical Engineering - Applications, Basis and Communications, 2013, 25, 1350039.	0.6	1
4913	Comparing particle swarm optimization variants for a cognitive radio network. Applied Soft Computing Journal, 2013, 13, 1222-1234.	7.2	14
4914	Markov Chain Analysis of Agent-based Evolutionary Computing in Dynamic Optimization. Procedia Computer Science, 2013, 18, 1475-1484.	2.0	1
4915	Minimising maximum response time. Computers and Operations Research, 2013, 40, 2314-2321.	4.0	2
4916	An examination of evolved behavior in two reinforcement learning systems. Decision Support Systems, 2013, 55, 194-205.	5.9	5
4917	Solid-state structure of methyl 2,4,6-tri-O-acetyl-3-O-(2,3,4,6-tetra-O-acetyl-Î²-d-glucopyranosyl)-Î²-d-galactopyranoside and methyl 3,4,6-tri-O-acetyl-2-O-(2,3,4,6-tetra-O-acetyl-Î²-d-glucopyranosyl)-Î²-d-galactopyranoside. Journal of Molecular Structure, 2013, 1037, 49-56.	3.6	3
4918	Applying micro genetic algorithm to numerical model for luminous intensity distribution of planar prism LED luminaire. Optics Communications, 2013, 293, 22-30.	2.1	9
4919	MEFES: An evolutionary proposal for the detection of exceptions in subgroup discovery. An application to Concentrating Photovoltaic Technology. Knowledge-Based Systems, 2013, 54, 73-85.	7.1	18
4920	Determining the damping behavior of fiber reinforced composites. Composite Structures, 2013, 100, 34-39.	5.8	12
4922	Multi-decadal variability in a centennial reconstruction of daily wind. Applied Energy, 2013, 105, 30-46.	10.1	11
4923	Playdoh: A lightweight Python library for distributed computing and optimisation. Journal of Computational Science, 2013, 4, 352-359.	2.9	11
4924	A novel adaptive fuzzy predictive control for hybrid systems with mixed inputs. Engineering Applications of Artificial Intelligence, 2013, 26, 1512-1531.	8.1	8
4925	Cooperative spectrum sensing in cognitive radio network using multiobjective evolutionary algorithms and fuzzy decision making. Ad Hoc Networks, 2013, 11, 1022-1036.	5.5	18
4926	Multi-objective optimization of a stirling-type pulse tube refrigerator. Cryogenics, 2013, 55-56, 53-62.	1.7	5
4927	Evidence optimization for consequently generated models. Mathematical and Computer Modelling, 2013, 57, 50-56.	2.0	1
4928	LDL-Cholesterol Levels Measurement Using Hybrid Genetic Algorithm and Multiple Linear Regression. , 2013, , .		3
4929	Solving resource provisioning in cloud using GAs and PSO. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
4930	Using Solver to Estimate Aquifer Parameters for Non-Leaky and Leaky Unsteady Confined Aquifer Tests. Environmental and Engineering Geoscience, 2013, 19, 253-263.	0.9	2
4931	Fuzzy sliding mode autopilot design for nonminimum phase and nonlinear UAV. Journal of Intelligent and Fuzzy Systems, 2013, 24, 499-509.	1.4	2
4932	Support vector machine algorithms in the search of KIR gene associations with disease. Computers in Biology and Medicine, 2013, 43, 2053-2062.	7.0	7
4933	Methodological problems in evolutionary computation. Scientific and Technical Information Processing, 2013, 40, 286-291.	0.6	0
4934	Combining accuracy and success-rate to improve the performance of eXtended Classifier System (XCS) for data-mining and control applications. Engineering Applications of Artificial Intelligence, 2013, 26, 1930-1935.	8.1	3
4935	Implementing Scalable, Network-Aware Virtual Machine Migration for Cloud Data Centers. , 2013, , .		9
4936	Evolving team tactics using potential fields. , 2013, , .		0
4937	Fuzzy modelling and simulation of an emergency department for improvement of nursing schedules with noisy and uncertain inputs. International Journal of Services and Operations Management, 2013, 15, 58.	0.2	21
4938	Project task flow optimisation and departmental flow analysis using design structure matrix and genetic algorithm. International Journal of Logistics Systems and Management, 2013, 15, 68.	0.2	2
4939	Optimising the semantic web service composition process using bio-inspired methods. International Journal of Bio-Inspired Computation, 2013, 5, 226.	0.9	3
4940	Controllability-Oriented Placement of Actuators for Active Noise-Vibration Control of Rectangular Plates Using a Memetic Algorithm. Archives of Acoustics, 2013, 38, 529-536.	0.8	32
4941	Optimizing the operation of a photovoltaic generator by a genetically tuned fuzzy controller. Archives of Control Sciences, 2013, 23, 145-167.	1.7	1
4942	Energy-efficient routing for wireless sensor network using genetic algorithm and particle swarm optimisation techniques. International Journal of Wireless and Mobile Computing, 2013, 6, 392.	0.2	11
4943	Modeling Stress Recognition in Typical Virtual Environments. , 2013, , .		23
4944	Computational Optimization of Arc Welding Parameters Using Coupled Genetic Algorithms and Finite Element Method. , 2013, , .		1
4945	Optimizing marker planning in apparel production using evolutionary strategies and neural networks. , 2013, , 106-131.		5
4946	Maritime Patrol Ship Site Location Optimization in Yangtze River Based on Genetic Algorithm. , 2013, , .		1
4947	Comparative study of GA & DE algorithm for the economic operation of a power system using FACTS devices. Archiwum Elektrotechniki, 2013, 62, 541-552.	0.5	2

#	Article	IF	Citations
4948	KInfer: a tool for model calibration. , 2013, , 280-321.		0
4949	Application of Genetic Algorithms in Ground Motion Selection for Seismic Analysis. , 2013, , 319-344.		0
4950	Quality versus quantity of rules in a classifier jury. , 2013, , .		0
4951	Downscale Methodology for Determining Priority Orders of the Sewer Rehabilitation. Water Environment Research, 2013, 85, 843-854.	2.7	0
4952	A quantitative evolutionary theory of adaptive behavior dynamics.. Psychological Review, 2013, 120, 731-750.	3.8	32
4953	Synthesis of novel benzimidazole salts and microwave-assisted catalytic activity of in situ generated Pd nanoparticles from a catalyst system consisting of benzimidazol salt, Pd(OAc)$_{{2}}$, and base in a Suzuki-Miyaura reaction. Turkish Journal of Chemistry, 2013, 37, 721-733.	1.2	45
4954	Simultaneous feature selection and clustering with mixed features by multi objective genetic algorithm. International Journal of Hybrid Intelligent Systems, 2013, 11, 41-54.	1.2	24
4955	Using statistical tools to determine the significance and relative importance of the main parameters of an evolutionary algorithm. Intelligent Data Analysis, 2013, 17, 771-789.	0.9	3
4956	BIOGEOGRAPHY-BASED OPTIMIZATION FOR VOLTAGE STABILITY IMPROVEMENT AND REACTIVE RESERVE MANAGEMENT. Turkish Journal of Electrical Engineering and Computer Sciences, 2013, , .	1.4	0
4957	Comparing Problem Solving Strategies for NP-hard Optimization Problems. Fundamenta Informaticae, 2013, 124, 1-25.	0.4	14
4958	Methods in Computational Inverse Mechanics for the Advancement of Smart Structure Technologies. , 2013, , .		0
4959	Designing fuzzy rule base using hybrid elite genetic algorithm and tabu search: Application for control and modeling. International Journal of Hybrid Intelligent Systems, 2013, 10, 205-214.	1.2	4
4960	Composite laminates cure cycle optimisation by meta-heuristic algorithms. International Journal of Materials and Product Technology, 2013, 46, 106.	0.2	7
4961	Foreign Exchange Trading Rules Using a Single Technical Indicator from Multiple Timeframes. , 2013, , .		4
4962	Optimal Location and Size of Distributed Generation inDistribution System by Artificial Bees Colony Algorithm. International Journal of Information and Electronics Engineering, 2013, , .	0.2	2
4963	An Efficient Method of Group Delay Equalization for Digital IIR Filters. Metrology and Measurement Systems, 2013, 20, 395-406.	1.4	6
4964	Complex Network System Modeling and Optimization. Applied Mechanics and Materials, 0, 303-306, 1948-1951.	0.2	0
4965	Multi-Objective Buffer Space Allocation with the Cross-Entropy Method. International Journal of Simulation Modelling, 2013, 12, 50-61.	1.3	17

#	ARTICLE	IF	CITATIONS
4966	Analysing the impact of dimensionality on diversity in a multi-layered Genotype-Phenotype mapped genetic algorithm. , 2013, , .		0
4967	A supervisor agent for urban traffic monitoring. , 2013, , .		10
4968	Cooperative communication of UAV to perform multi-task using nature inspired techniques. , 2013, , .		6
4969	Power system controller design using multi-population PBIL. , 2013, , .		7
4970	Learn and self-examination algorithm. , 2013, , .		0
4971	Optimal electrode placement in transcranial direct current stimulation via genetic algorithm. , 2013, , .		0
4972	A fuzzy-genetic algorithm for a re-entrant job shop scheduling problem with sequence-dependent setup times. , 2013, , .		0
4973	Optimum design method for four-bar function generator using AIS and genetic algorithms. , 2013, , .		0
4974	Novel method of pre-determining induction machine parameters and energetic efficiency. , 2013, , .		2
4975	Applying Genetic Algorithm Combining Operation Tree (GAOT) for Estimating Salinity of Taiwan Strait Using MODIS/Terra. , 2013, , .		2
4976	A hybrid magnetic field model for axisymmetric magnets. , 2013, , .		3
4977	Hybrid Particle Swarm Optimization — Genetic algorithm and Particle Swarm Optimization — Evolutionary programming for long-term generation maintenance scheduling. , 2013, , .		6
4978	Multiple kernel aggregation using fuzzy integrals. , 2013, , .		4
4979	OptiPlace: Designing Cloud Management with Flexible Power Models through Constraint Programing. , 2013, , .		3
4980	Structural Identification for Selection, Application, and Calibration of Physics-Based Models. , 2013, , 78-112.		0
4981	New technique for the optimization of security communication wired networks in historical buildings. , 2013, , .		3
4982	New Clustering Search approaches applied to continuous domain optimization. , 2013, , .		1
4983	Measurement of Fish's Learning Speed Using Antagonistic Relation of Robot and Fish. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2013, 79, 1728-1735.	0.2	0

#	Article	IF	Citations
4984	A Modified micro Genetic Algorithm for undertaking Multi-Objective Optimization Problems. Journal of Intelligent and Fuzzy Systems, 2013, 24, 483-495.	1.4	19
4985	Improved shuffled frog leaping algorithm for continuous optimisation adapted SEVO toolbox. International Journal of Advanced Intelligence Paradigms, 2013, 5, 31.	0.3	8
4986	Unsupervised feature selection using rough set and teaching learning-based optimisation. International Journal of Artificial Intelligence and Soft Computing, 2013, 3, 244.	0.1	9
4987	A novel chemical reaction-based clustering and its performance analysis. International Journal of Business Intelligence and Data Mining, 2013, 8, 184.	0.2	5
4988	Genetic algorithm solution for partial digest problem. International Journal of Bioinformatics Research and Applications, 2013, 9, 584.	0.2	3
4989	Mathematical methods to quantify and characterise the primary elements of trophic systems. International Journal of Computer Applications in Technology, 2013, 47, 314.	0.5	6
4990	Hybrid strategy of multi-objective differential evolution (H-MODE) for multi-objective optimisation. International Journal of Computational Intelligence Studies, 2013, 2, 157.	0.3	2
4991	Analysis of learning-based multi-agent simulated annealing algorithm for function optimisation problems. International Journal of Computing Science and Mathematics, 2013, 4, 382.	0.3	11
4992	A new memetic approach for the classification rules extraction problem. International Journal of Data Mining, Modelling and Management, 2013, 5, 318.	0.1	1
4993	Multiobjective grid scheduling using a domain decomposition based parallel micro evolutionary algorithm. International Journal of Grid and Utility Computing, 2013, 4, 70.	0.2	14
4994	Hybrid BBO and GA algorithms based on elites operation. International Journal of Modelling, Identification and Control, 2013, 18, 9.	0.2	7
4995	An automated design synthesis method for multi-trailer articulated heavy vehicles. International Journal of Vehicle Performance, 2013, 1, 183.	0.4	3
4996	Active Noise Reduction Algorithm Based on NOTCH Filter and Genetic Algorithm. Archives of Acoustics, 2013, 38, 185-190.	0.8	7
4997	Unsupervised Fingerprint Recognition. IEICE Transactions on Information and Systems, 2013, E96.D, 2115-2125.	0.7	0
4998	Design of Competitive Web Services Using QFD for Satisfaction of QoS Requirements. IEICE Transactions on Information and Systems, 2013, E96.D, 634-642.	0.7	0
4999	Predicting Longitudinal Dispersion Coefficients in Sinuous Rivers by Genetic Algorithm. Journal of Hydrology and Hydromechanics, 2013, 61, 214-221.	2.0	24
5000	Lévy flights in binary optimization. Archives of Control Sciences, 2013, 23, 447-454.	1.7	1
5001	A genetic algorithm approach to global optimization of software cost estimation by analogy. Intelligent Decision Technologies, 2013, 7, 45-58.	0.9	6

#	Article	IF	Citations
5002	Coupling Programming of an Adaptive Genetic Algorithm with Reservoir Flow Simulation for Infill Oil Well Locations Optimization. , 2013, , .		3
5003	Local area rainfall prediction using hybrid approach. International Journal of Innovative Computing and Applications, 2013, 5, 213.	0.2	1
5004	Enhancing selectivity of plate-type electrostatic separators using non-dominated sorting genetic algorithms (NSGA-II). International Journal of Innovative Computing and Applications, 2013, 5, 102.	0.2	3
5005	Natural evolution inspired design of light trapping structure in thin film organic solar cells. Proceedings of SPIE, 2013, , .	0.8	1
5006	Fuzzy control and co-simulation for semi-active suspension based on improved genetic algorithm. International Journal of Innovative Computing and Applications, 2013, 5, 26.	0.2	1
5007	A hybrid genetic approach for multi-objective and multi-platform large volume surveillance problem. International Journal of Metaheuristics, 2013, 2, 353.	0.1	3
5008	GPSO versus GA in facial emotion detection. International Journal of Artificial Intelligence and Soft Computing, 2013, 3, 310.	0.1	1
5009	Heuristic search-based approach for automated test data generation: a survey. International Journal of Bio-Inspired Computation, 2013, 5, 1.	0.9	27
5010	A novel genetic algorithm to solve travelling salesman problem and blocking flow shop scheduling problem. International Journal of Bio-Inspired Computation, 2013, 5, 303.	0.9	20
5011	Generation of neural networks using a genetic algorithm approach. International Journal of Bio-Inspired Computation, 2013, 5, 289.	0.9	2
5012	Power law-based local search in differential evolution. International Journal of Computational Intelligence Studies, 2013, 2, 90.	0.3	3
5013	Performance of classification using a hybrid distance measure with artificial bee colony algorithm for feature selection in keystroke dynamics. International Journal of Computational Intelligence Studies, 2013, 2, 187.	0.3	3
5014	Static and adaptive mutation techniques for genetic algorithm: a systematic comparative analysis. International Journal of Computational Science and Engineering, 2013, 8, 180.	0.5	123
5015	Production policy for ameliorating/deteriorating items with ramp type demand. International Journal of Procurement Management, 2013, 6, 444.	0.2	26
5016	Cooling Structure Optimization for a Rib-Roughed Channel in a Turbine Rotor Blade. , 2013, , .		2
5017	Stochastic Diffusion Search Review. Paladyn, 2013, 4, .	2.7	22
5018	Optimization of electrospinning process using intelligent control systems. Journal of Intelligent and Fuzzy Systems, 2013, 24, 593-600.	1.4	1
5019	3D Road Boundary Detection Using Conformal Geometric Algebra. IPSJ Transactions on Computer Vision and Applications, 2013, 5, 176-182.	4.4	4

#	Article	IF	Citations
5020	Grammatical Evolution by Using Stochastic Schemata Exploiter. Journal of Computational Science and Technology, 2013, 7, 196-204.	0.4	0
5021	Multi-Objective Design Optimization of High-Speed Train Nose. Journal of Mechanical Systems for Transportation and Logistics, 2013, 6, 54-64.	0.2	13
5022	Impact of static and adaptive mutation techniques on the performance of Genetic Algorithm. International Journal of Hybrid Intelligent Systems, 2013, 10, 11-22.	1.2	121
5023	A Methodology for Computational Efficiency Improvement of Z-Matrix in Power System Fault Analysis Using Evolutionary Algorithms. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 1711-1719.	0.1	0
5024	Ant Colony Optimization Toward Feature Selection. , 0, , .		9
5025	Intelligent identification of biomarkers for the study of obstructive nephropathy. Intelligent Decision Technologies, 2013, 7, 11-22.	0.9	2
5026	Evolutionary Algorithm Based Optimal Location of Series FACTS Device to Reduce the Losses in a Power System. SSRN Electronic Journal, 2013, , .	0.4	0
5027	Genetic Algorithm-Based Approach to Spectrum Allocation and Power Control with Constraints in Cognitive Radio Networks. Research Journal of Applied Sciences, Engineering and Technology, 2013, 5, 100-107.	0.1	4
5028	The Firefly Optimization Algorithm: Convergence Analysis and Parameter Selection. International Journal of Computer Applications, 2013, 69, 48-52.	0.2	73
5029	Design of a Human-Powered Aircraft Applying Multidisciplinary Optimization Method. , 2013, , .		0
5030	A Genetic Algorithm to Solve the Multidimensional Knapsack Problem. Mathematical and Computational Applications, 2013, 18, 486-494.	1.3	7
5031	Intelligent Energy Distribution for Series HEVs Using Determined Optimal Driving Patterns via a Genetic Algorithm. , 0, , .		1
5032	Speed Control of Induction Motor Fed from Wind Turbine via Particle Swarm Optimization Based PI Controller. Research Journal of Applied Sciences, Engineering and Technology, 2013, 5, 4594-4606.	0.1	23
5033	Optimized Reconfigurable Control Design for Aircraft using Genetic Algorithm. Research Journal of Applied Sciences, Engineering and Technology, 2013, 06, 4653-4662.	0.1	2
5034	Two-Dimensional Scheduling: A Review. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 1566-1572.	0.1	2
5035	Optimal Operation of Klang Gate Dam Using Genetic Algorithm. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	1
5036	Meta-Heuristic Optimization Techniques and Its Applications in Robotics. , 2013, , .		4
5037	IDENTIFICATION OF OPTIMAL REDUCED ORDER HOMOGENIZATION MODELS FOR FAILURE OF HETEROGENEOUS MATERIALS. International Journal for Multiscale Computational Engineering, 2013, 11, 185-200.	1.2	11

#	ARTICLE	IF	CITATIONS
5038	An Analysis of Black-Box Optimization Problems in Reinsurance: Evolutionary-Based Approaches. SSRN Electronic Journal, 2013, , .	0.4	8
5039	MODIFIED BAYESIAN OPTIMIZATION ALGORITHM FOR SPARSE LINEAR ANTENNA DESIGN. Progress in Electromagnetics Research B, 2013, 54, 385-405.	1.0	4
5040	OPTIMAL ENERGY CONSUMPTION TO EXTEND THE LIFETIME OF WIRELESS SENSOR NETWORKS. Journal of Computer Science, 2013, 9, 646-653.	0.6	1
5041	Memetic Method for Passive Filters Design. , 2013, , .		1
5042	Genetic Algorithm Tuned Fuzzy Logic Controller for Rotary Inverted Pendulum. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 907-913.	0.1	3
5043	Monte-Carlo-Based Robust Procedure for Dynamic Line Layout Problems. , 0, , .		0
5044	Using Genetics in Information Filtering. Proceedings of the Annual Conference of CAIS / Actes Du CongrÃ¨s Annuel De L ACSI, 0, , .	0.0	0
5045	As-Puma : Anycast Semantics In Parking Using Metaheuristic Approach. International Journal on AdHoc Networking Systems, 2013, 3, 11-17.	0.7	0
5046	The Research on Intrusion Feature Selection Algorithm Based on Particle Swarm Optimization. Research Journal of Applied Sciences, Engineering and Technology, 2013, 5, 2360-2364.	0.1	0
5047	Finding Initial Parameters of Neural Network for Data Clustering. International Journal of Artificial Intelligence & Applications, 2013, 4, 57-71.	0.5	0
5048	Multi-Population Methods with Adaptive Mutation for Multi-Modal Optimization Problems. International Journal on Soft Computing Artificial Intelligence and Applications, 2013, 2, 1-19.	0.4	6
5049	The investigation into the influence of the features of furniture product design on consumersâ€™ perceived value by fuzzy semantics. South African Journal of Business Management, 2014, 45, 79-93.	0.8	4
5050	Multiple Optimal Solutions and Sag Occurrence Index Based Placement of Voltage Sag Monitors. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 3716-3724.	0.1	0
5051	AUTO RECONFIGURABLE PATCH ANTENNA FOR BIOMEDICAL SINGLE CHANNEL MULTI-FREQUENCY MICROWAVE RADIOMETRY APPLICATIONS. Progress in Electromagnetics Research C, 2014, 49, 19-29.	0.9	6
5052	Optimization of Cmos 0.18 ÂµM Low Noise Amplifier Using Nsga-Ii for UWB Applications. International Journal of VLSI Design & Communication Systems, 2014, 5, 59-72.	0.2	2
5053	Integration of MATLAB and ANSYS for Advanced Analysis of Vehicle Structures. , 0, , .		4
5054	Modeling observer stress: A computational approach. Intelligent Decision Technologies, 2014, 9, 191-207.	0.9	0
5055	The role of decision-making support systems in IT service management processes. Intelligent Decision Technologies, 2014, 8, 147-163.	0.9	5

#	ARTICLE	IF	CITATIONS
5056	Multi Objective Optimization of Production-Distribution Problem under Fuzzy Random Environment. Global Journal of Technology and Optimization, 2014, 05, .	0.2	2
5057	Austrian Theories of Entrepreneurship: Insights from Complexity Theory. SSRN Electronic Journal, 2014, , .	0.4	0
5058	A hybrid knowledge discovery system for oil spillage risks pattern classification. Artificial Intelligence Research, 2014, 3, .	0.3	7
5059	Dynamic Optimization of Solution Nutrient Concentration to Promote the Initial Growth of Tomato Plants in Hydroponics. Environmental Control in Biology, 2014, 52, 87-94.	0.7	3
5060	Enhanced Artificial Bee Colony Algorithm for Travelling Salesman Problem using Crossover and Mutation. International Journal of Computer Applications, 2014, 91, 37-40.	0.2	1
5061	Model Reference Adaptive Control Based on GANN for Vertical Electric Furnace. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 1529-1535.	0.1	1
5062	Numerical Simulation and Optimization of Sleipner Carbon Sequestration Project. International Journal of Engineering and Technology(UAE), 2014, 3, 1.	0.3	15
5063	Demos. International Journal of Monitoring and Surveillance Technologies Research, 2014, 2, 81-99.	0.3	13
5064	Parallel Feature Selection Algorithm based on Rough Sets and Particle Swarm Optimization. , 0, , .		7
5065	Transmission Main Survey by Transient Tests: The Case of Villanova Plan in Mantova (I). Procedia Engineering, 2014, 89, 1343-1349.	1.2	1
5066	Rough fuzzy consistency measure with evolutionary algorithm for attribute reduction. , 2014, , .		2
5067	Quantitative evaluation of iterative extended changing crossover operators to solve the traveling salesman problem: Diversity measurement and its application to selection strategies in genetic algorithms. , 2014, , .		3
5068	Distributed MOPSO with dynamic pareto front driven population analysis for TSP problem. , 2014, , .		3
5069	Non-dominated sorting cuckoo search for multiobjective optimization. , 2014, , .		6
5070	In-situ evolution of an antenna array with hardware fault recovery. , 2014, , .		0
5071	Optimized Configurations of Kinematically Redundant Planar Parallel Manipulator following a Desired Trajectory. Procedia Technology, 2014, 14, 133-140.	1.1	5
5072	Optimal strategies for price-warranty decision model of software product with dynamic production cost. , 2014, , .		3
5073	Optimal strategy for determining pricing policy of a product under the influence of reworking during production. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
5074	Intelligent Web search optimization with reference to mutation operator of Genetic and Cultural Algorithms framework. , 2014, , .		1
5075	Scenario Generation for Energy Storage System Design in Stand-alone Microgrids. Energy Procedia, 2014, 61, 824-828.	1.8	5
5076	Green networking strategies for distributed computing. , 2014, , .		2
5077	Improved Cooperative Group Search Optimization Based on Divide-and-Conquer Strategy. , 2014, , .		3
5078	An innovation approach for achieving cost optimization in supply chain management. Journal of Intelligent and Fuzzy Systems, 2014, 26, 173-192.	1.4	2
5079	Solving resource-constrained project scheduling problem by genetic algorithm. , 2014, , .		2
5080	A hybrid artificial bee colony optimization algorithm. , 2014, , .		3
5081	Error optimization using Bat and PSO algorithms for machine vision system based tool movement. , 2014, , .		1
5082	Fuzzy functions via genetic programming. Journal of Intelligent and Fuzzy Systems, 2014, 27, 2355-2364.	1.4	4
5084	An evolutionary-based entropic image thresholding approach for nano-scale light microscopic image segmentation. Journal of Intelligent and Fuzzy Systems, 2014, 27, 2959-2967.	1.4	0
5085	On the observability of Mars entry navigation using radiometric measurements. Advances in Space Research, 2014, 54, 1513-1524.	2.6	22
5086	Frequency Analysis of Nonidentically Distributed Hydrometeorological Extremes Associated with Large-Scale Climate Variability Applied to South Korea. Journal of Applied Meteorology and Climatology, 2014, 53, 1193-1212.	1.5	10
5087	Domain 4: Software Development Security. , 2014, , 63-76.		0
5088	The Use of a Global Index of Acoustic Assessment for Predicting Noise in Industrial Rooms and Optimizing the Location of Machinery and Workstations. International Journal of Occupational Safety and Ergonomics, 2014, 20, 627-638.	1.9	1
5089	Investigation on the evolution of a robotic controller for autonomous vehicle navigation. Journal of Intelligent and Fuzzy Systems, 2014, 27, 3047-3058.	1.4	2
5090	Artificial Neural Network trained by Genetic Algorithm for Smart MIMO Channel Estimation for Downlink LTE-Advance System. International Journal of Computer Network and Information Security, 2014, 6, 10-19.	1.9	3
5091	On the quest for robust technical trading strategies using multi-objective optimization. AI Communications, 2014, 27, 453-471.	1.2	3
5092	Sensitivity analysis of fuzzy-genetic approach applied to cabled-truss design. Journal of Intelligent and Fuzzy Systems, 2014, 26, 1931-1942.	1.4	4

#	ARTICLE	IF	CITATIONS
5093	Pattern optimisation algorithm for vertical cell splitting system with active antenna arrays. Electronics Letters, 2014, 50, 1416-1417.	1.0	2
5094	Thermal-economic multiobjective optimization of heat pipe heat exchanger for energy recovery in HVAC applications using genetic algorithm. Thermal Science, 2014, 18, 375-391.	1.1	11
5095	Time series prediction using ensembles of ANFIS models with genetic optimization of interval type-2 and type-1 fuzzy integrators. International Journal of Hybrid Intelligent Systems, 2014, 11, 211-226.	1.2	50
5096	Intelligent approaches for linear controllers tuning with application to temperature control. Journal of Intelligent and Fuzzy Systems, 2014, 27, 2809-2820.	1.4	8
5097	A Genetic Algorithms based detector for MIMO STBC systems. , 2014, , .		2
5098	Neural-genetic control algorithm of robots. , 2014, , .		1
5099	Evolution of intrinsic motives in a multi-player common pool resource game. , 2014, , .		2
5100	Adaptive weighted-function models for time series prediction. , 2014, , .		0
5101	TGSR: the great salmon run optimisation algorithm. International Journal of Computer Applications in Technology, 2014, 49, 192.	0.5	6
5102	Optimization of BICM mutual information and bit error rate of 8-ary signal constellations using genetic algorithms. , 2014, , .		1
5103	Lifecycle-based swarm optimization method for multi-objective optimization problem (MOP). , 2014, , .		0
5104	A multi-objective chemical reaction optimisation algorithm for multi-objective travelling salesman problem. International Journal of Innovative Computing and Applications, 2014, 6, 87.	0.2	6
5105	Material parameter optimisation of Ohno-Wang kinematic hardening model using multi objective genetic algorithm. International Journal of Computational Materials Science and Surface Engineering, 2014, 6, 50.	0.2	5
5106	Design of feedback controller for soft-starting induction motor drive system using genetic algorithm. International Journal of Industrial Electronics and Drives, 2014, 1, 111.	0.1	4
5107	A Developmental Genetic Approach to the cost/time trade-off in Resource Constrained Project Scheduling. , 2014, , .		3
5108	Key view selection in distributed multiview coding. , 2014, , .		3
5109	An overview of metaheuristics: accurate and efficient methods for optimisation. International Journal of Metaheuristics, 2014, 3, 320.	0.1	190
5110	Improved genetic algorithms for the travelling salesman problem. International Journal of Process Management and Benchmarking, 2014, 4, 109.	0.2	21

#	ARTICLE	IF	CITATIONS
5111	A Route Planning Optimisation System for the Steelmaking Industry Based on Multi-objective Evolutionary Algorithms. , 2014, , .		1
5112	A novel simulated metamorphosis algorithm for homecare nurse scheduling. , 2014, , .		0
5113	Shape Identification in Nonlinear Boundary Problems Solved bby Pies Method. Acta Mechanica Et Automatica, 2014, 8, 16-21.	0.6	1
5114	Decentralised PID control tuning for a multivariable glass furnace by genetic algorithm. , 2014, , .		1
5115	Genetic Algorithm Based Data-Aware Group Scheduling for Big Data Clouds. , 2014, , .		8
5116	A genetic algorithm approach to release planning in agile environment. , 2014, , .		5
5117	Structural classification of proteins through amino acid sequence using interval type-2 fuzzy logic system. , 2014, , .		0
5118	Is differential evolution with penalty function really better than CMODE?. , 2014, , .		2
5119	GA and ACO in hybrid approach for analog circuit performance optimization. , 2014, , .		3
5120	Development of LINGO-based optimisation model for multi-reservoir systems operation. International Journal of Hydrology Science and Technology, 2014, 4, 126.	0.3	12
5121	Optimization of Steel Box Column for a Pillar-type Drilling Machine Using Particle Swarm Optimization. Procedia Technology, 2014, 14, 473-479.	1.1	2
5122	Investigations on Classification Algorithms for Intrusion Detection System in MANETS. , 2014, , .		1
5124	Genetic algorithm based optimal design of fuzzy logic controller for active magnetic bearings. , 2014, , .		3
5125	A new technique of backstepping control parameters determination using genetic algorithm. , 2014, , .		1
5126	Multiple Objectives for Genetically Optimized Coupled Inversion Method for Jet Models in Flowing Ambient Fluid. Engineering Applications of Computational Fluid Mechanics, 2014, 8, 82-90.	3.1	4
5127	A taxonomy on intrusion alert aggregation techniques. , 2014, , .		1
5128	Online PI controller tuning for a nonlinear plant using genetic algorithm. , 2014, , .		5
5129	Optimizing Ready Mixed Concrete Production Plants via a Genetic Algorithm Approach Used for Batching Plant Equipment Layout. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
5130	Optimal Disinfection of Water Distribution Networks Following a Contamination Event. Procedia Engineering, 2014, 89, 168-172.	1.2	4
5131	Hybrid Rough Genetic algorithm model for making treatment decisions of hepatitis C. , 2014, , .		9
5132	Lumping and electromechanical transient modeling of large-scale wind farm. , 2014, , .		1
5133	Cascaded evolutionary multiobjective identification based on correlation function statistical tests for improving velocity analyzes in swimming. , 2014, , .		0
5134	Optimal generation share based dynamic available transfer capability improvement in deregulated electricity market. International Journal of Electrical Power and Energy Systems, 2014, 54, 226-234.	5.5	13
5135	Optimizing inventory decisions in a two-level supply chain with order quantity constraints. Applied Mathematical Modelling, 2014, 38, 814-827.	4.2	15
5136	The Skeletonization of Milan WDS on Transients Due to Pumping Switching off: Preliminary Results. Procedia Engineering, 2014, 70, 1131-1136.	1.2	2
5137	Artificially created stimuli produced by a genetic algorithm using a saliency model as its fitness function show that Inattentional Blindness modulates performance in a pop-out visual search paradigm. Vision Research, 2014, 97, 31-44.	1.4	4
5138	A generalized recipe to construct elementary or multi-step reaction paths via a stochastic formulation: Application to the conformational change in noble gas clusters. Chemical Physics, 2014, 431-432, 5-14.	1.9	13
5139	Biodegradable iron chelate for H2S abatement: Modeling and optimization using artificial intelligence strategies. Chemical Engineering Research and Design, 2014, 92, 1119-1132.	5.6	1
5140	Novel dynamic diversity controlling EAs for coevolving optimal negotiation strategies. Information Sciences, 2014, 273, 1-32.	6.9	8
5141	Learning Classifier Systems: The Rise of Genetics-Based Machine Learning in Biomedical Data Mining. , 2014, , 265-311.		1
5142	Application of graph search and genetic algorithms for the single machine scheduling problem with sequence-dependent setup times and quadratic penalty function of completion times. Computers and Industrial Engineering, 2014, 67, 10-19.	6.3	11
5143	Analysis and Design of Distributed Antenna-Aided Twin-Layer Femto- and Macrocell Networks Relying on Fractional Frequency Reuse. IEEE Transactions on Vehicular Technology, 2014, 63, 763-774.	6.3	5
5144	Meta-heuristic Bayesian networks retrieval combined polarization corrected temperature and scattering index for precipitations. Neurocomputing, 2014, 136, 71-81.	5.9	4
5145	Online parameter tuning for object tracking algorithms. Image and Vision Computing, 2014, 32, 287-302.	4.5	9
5146	Time-effective and reliable solid-state structure evaluation of selected peracetylated Î²-maltose derivatives by means of grid search, genetic algorithm and DFT calculations. Tetrahedron, 2014, 70, 4008-4016.	1.9	1
5147	Optimization by record dynamics. Computer Physics Communications, 2014, 185, 730-735.	7.5	1

#	ARTICLE	IF	CITATIONS
5148	Influence of the fixing type in the optimization of trapezoidal roofing sheets. Journal of Constructional Steel Research, 2014, 96, 26-39.	3.9	4
5149	An improved cellular automata model of enzyme kinetics based on genetic algorithm. Chemical Engineering Science, 2014, 110, 105-118.	3.8	2
5150	A multi-layer architecture proposal for conducting trains employing CBR. , 2014, , .		3
5151	RFID reader network optimization for hospital management. , 2014, , .		0
5152	An improved spiral dynamic algorithm and its application to fuzzy modelling of a twin rotor system. , 2014, , .		7
5153	Theory, Synthesis, and Application of Adiabatic and Reversible Logic Circuits for Security Applications. , 2014, , .		5
5154	Optimal design of a transfemoral prosthesis with energy storage and regeneration. , 2014, , .		14
5155	Dynamic tree map for video analysis. , 2014, , .		0
5156	Comparison of weights connection strategies for spoken Malay speech recognition system. , 2014, , .		0
5157	Bio-inspired algorithms for multilevel image thresholding. International Journal of Computer Applications in Technology, 2014, 49, 207.	0.5	12
5158	Application of genetic algorithm for optimization on projects of public illumination. Electric Power Systems Research, 2014, 117, 84-93.	3.6	5
5159	A perturbed martingale approach to global optimization. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 2831-2844.	2.1	7
5160	Optimal simultaneous siting and sizing of DGs and capacitors considering reconfiguration in smart automated distribution systems. Journal of Intelligent and Fuzzy Systems, 2014, 27, 1719-1729.	1.4	15
5161	Parallel genetic algorithm for minimum dominating set problem. , 2014, , .		0
5162	Solving Economic Dispatch Problem Using Hybrid GA-MGA. Energy Procedia, 2014, 50, 937-944.	1.8	7
5163	Global descent method for constrained continuous global optimization. Applied Mathematics and Computation, 2014, 244, 209-221.	2.2	5
5164	Power law-based local search in artificial bee colony. International Journal of Artificial Intelligence and Soft Computing, 2014, 4, 164.	0.1	11
5165	An evolutionary geometric primitive for automatic design synthesis of functional shapes: The case of airfoils. Advances in Engineering Software, 2014, 67, 164-172.	3.8	7

#	Article	IF	Citations
5166	Holistic Diagnosis of Pipeline System with Impedance Method. Procedia Engineering, 2014, 70, 924-933.	1.2	4
5167	Efficient optimization of super-oscillatory lens and transfer function analysis in confocal scanning microscopy. Optics Communications, 2014, 319, 31-35.	2.1	7
5168	An insight into pyruvate dehydrogenase kinase (PDHK) inhibition through pharmacophore modeling and QSAR studies. Journal of Computational Science, 2014, 5, 558-567.	2.9	7
5169	Improved Bandelet with heuristic evolutionary optimization for image compression. Engineering Applications of Artificial Intelligence, 2014, 31, 27-34.	8.1	7
5170	Hardware implementation of evolvable block-based neural networks utilizing a cost efficient sigmoid-like activation function. Neurocomputing, 2014, 140, 228-241.	5.9	16
5171	Optimisation of voltage and frequency regulation in an isolated wind-driven six-phase self-excited induction generator. Journal of the Energy Institute, 2014, 87, 235-245.	5.3	14
5172	Achieving high robustness and performance in QoS-aware route planning for IPTV networks. Information Sciences, 2014, 269, 217-237.	6.9	0
5173	Plant-wide dynamic and static optimisation of supermarket refrigeration systems. International Journal of Refrigeration, 2014, 38, 106-117.	3.4	5
5174	Feature weighted unsupervised classification algorithm and adaptation for software cost estimation. International Journal of Computational Intelligence Studies, 2014, 3, 74.	0.3	2
5175	Performance of LDPC coded image transmission over realistic PLC channels for smart grid applications. International Journal of Electrical Power and Energy Systems, 2014, 62, 549-555.	5.5	8
5176	Modeling of suspension fouling in nanofiltration. Desalination, 2014, 346, 80-90.	8.2	8
5177	Synergy of a genetic algorithm and simulated annealing to maximize real power loss reductions in transmission networks. International Journal of Electrical Power and Energy Systems, 2014, 56, 307-315.	5.5	9
5178	Cluster based dynamic area-array I/O planning for flip chip technology. Microelectronic Engineering, 2014, 114, 57-69.	2.4	2
5179	Learning TSK-0 linguistic fuzzy rules by means of local search algorithms. Applied Soft Computing Journal, 2014, 21, 57-71.	7.2	8
5180	The construction of sequences for identification of digital circuits using simulated annealing (SA). , 2014, , .		0
5181	Proposition to distinguish machine-printed from handwritten Arabic and Latin words. , 2014, , .		0
5182	Design of Continuous-time Controllers using Cartesian Genetic Programming. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 6982-6987.	0.4	6
5183	Maximizing Occupants' Comfort in Affordable Housing Units. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
5184	Knowledge constrained evolutionary algorithms: a case study for financial investing. International Journal of Artificial Intelligence and Soft Computing, 2014, 4, 335.	0.1	0
5185	Multi-level clustering support vector machine trees for improved protein local structure prediction. International Journal of Data Mining and Bioinformatics, 2014, 9, 172.	0.1	0
5186	MIMO radar antenna array synthesis with a hybrid approach based on GA and PSO. International Journal of Embedded Systems, 2014, 6, 108.	0.3	6
5187	Materialised view selection using differential evolution. International Journal of Innovative Computing and Applications, 2014, 6, 102.	0.2	36
5188	Mechanism synthesis: a comparison of adaptive and traditional approaches. International Journal of Information Technology and Management, 2014, 13, 216.	0.1	0
5189	Complex constrained design optimisation using an elitist teaching-learning-based optimisation algorithm. International Journal of Metaheuristics, 2014, 3, 81.	0.1	26
5190	Genetic operators' significance assessment in multi-population genetic algorithms. International Journal of Metaheuristics, 2014, 3, 162.	0.1	6
5191	Performance comparison of crossover operators for postfix genetic programming. International Journal of Metaheuristics, 2014, 3, 244.	0.1	3
5192	Application of adaptive genetic algorithm for the parameter selection of support vector regression. International Journal of Modelling, Identification and Control, 2014, 21, 29.	0.2	13
5193	A survey of two-dimensional scheduling. International Journal of Manufacturing Research, 2014, 9, 194.	0.2	0
5194	Agent-based energy constrained channel allocation in mobile computing using GA. International Journal of Wireless and Mobile Computing, 2014, 7, 388.	0.2	2
5195	Multi-objective structural optimization of hub unit bearing using response surface methodology and genetic algorithm. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2014, 8, JAMDSM0035-JAMDSM0035.	0.7	4
5196	When teams shift among processes: Insights from simulation and optimization.. Journal of Applied Psychology, 2014, 99, 784-815.	5.3	41
5197	Gain scheduled controller design for thermo-optical plant. Archives of Control Sciences, 2014, 24, 333-349.	1.7	2
5198	Multi-objective DG planning for reliability, efficiency, and power quality including voltage rise issue. International Journal of Power and Energy Conversion, 2014, 5, 103.	0.3	1
5199	Optimal Well Work-over Scheduling: Application of Intelligent Well Control Optimisation Technology to Conventional Wells. , 2014, , .		0
5200	High performance wireless sensor network localisation system. International Journal of Ad Hoc and Ubiquitous Computing, 2014, 17, 122.	0.5	8
5201	An improved diversity-guided particle swarm optimisation for numerical optimisation. International Journal of Computing Science and Mathematics, 2014, 5, 16.	0.3	16

#	ARTICLE	IF	CITATIONS
5202	An intelligent methodology for optimising machining operation sequence by ant system algorithm. International Journal of Industrial and Systems Engineering, 2014, 16, 451.	0.2	8
5203	Metaheuristics for a crop rotation problem. International Journal of Metaheuristics, 2014, 3, 199.	0.1	8
5204	Optimisation and control of semi-active suspension using genetic algorithm for off-road full vehicle. International Journal of Vehicle Systems Modelling and Testing, 2014, 9, 372.	0.1	2
5205	Modeling of the Blood Pressure Regulation System in Rats Using Genetic Algorithms. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 11589-11594.	0.4	0
5206	Car Sequencing with respect to Regular Expressions and Linear Bounds. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 6174-6179.	0.4	2
5207	Improved genetic algorithm to enhance the ability of local search. , 2014, , .		0
5208	MDPF: An NDN Probabilistic Forwarding Strategy Based on Maximizing Deviation Method. , 2014, , .		3
5209	Improved GA-based ICF target pose measurement. , 2014, , .		0
5210	A multi-agent approach for dynamic production and distribution scheduling. Journal of Evidence-Based Medicine, 2014, 4, 229.	1.8	1
5211	Economic design of X control chart using genetic algorithm and simulated annealing algorithm. International Journal of Productivity and Quality Management, 2014, 14, 352.	0.2	6
5212	Analysing mutation schemes for real-parameter genetic algorithms. International Journal of Artificial Intelligence and Soft Computing, 2014, 4, 1.	0.1	183
5213	Enhancing the firefly algorithm through a cooperative coevolutionary approach: an empirical study on benchmark optimisation problems. International Journal of Bio-Inspired Computation, 2014, 6, 108.	0.9	18
5214	Parallel genetic algorithm with fading selection. International Journal of Computer Applications in Technology, 2014, 49, 325.	0.5	14
5215	Investigating stochastic diffusion search in data clustering. , 2015, , .		1
5216	Crenellation Patterns for Fatigue Crack Retardation in Fuselage Panels Optimized via Genetic Algorithm. Procedia Engineering, 2015, 114, 248-254.	1.2	2
5217	Speed control of wind turbine rotor using genetic algorithm. , 2015, , .		0
5218	Flexible design of reluctance synchronous machines using constrained genetic algorithm optimization. , 2015, , .		1
5219	Optimal sensor-target geometries for Doppler-shift target localization. , 2015, , .		6

#	ARTICLE	IF	CITATIONS
5220	Computational fluid dynamics-based thermal modeling for efficient building energy management. , 2015, , .		4
5221	Design of linear phase IIR digital differentiators and integrators for multipurpose applications. , 2015, , .		0
5222	Multidisciplinary design optimization for a high-resolution earth-imaging constellation. , 2015, , .		4
5223	New crossover operators for real coded genetic algorithm (RCGA). , 2015, , .		32
5224	Supply chain management and metaheuristic algorithms: Analysing a new hybrid genetic crossover operator. , 2015, , .		0
5225	OWA filters for SAR imagery. , 2015, , .		2
5226	Ship electrical load analysis considering power generation efficiency. , 2015, , .		7
5227	Cyber security risk assessment using an interpretable evolutionary fuzzy scoring system. , 2015, , .		0
5228	Study on thrust allocation based on IAFSA for dynamic positioning system. , 2015, , .		1
5229	Development of an Intelligent Model to Predict Tactile Properties from Visual Features of Textile Products. , 2015, , .		1
5230	Multi-point Search Combinatorial Optimization Method Based on Neighborhood Search Using Evaluation of Big Valley Structure. , 2015, , .		5
5231	Genetic Algorithms for Student Grouping Problems. , 2015, , .		0
5232	Comparative analysis of neural network and genetic programming for number of software faults prediction. , 2015, , .		14
5233	Power optimization in cognitive networks with hybrid intelligent algorithms. , 2015, , .		0
5234	Solving travelling salesman problem using multiagent simulated annealing algorithm with instance-based sampling. International Journal of Computing Science and Mathematics, 2015, 6, 336.	0.3	28
5235	Named entity recognition and classification in biomedical text using classifier ensemble. International Journal of Data Mining and Bioinformatics, 2015, 11, 365.	0.1	5
5236	High-accuracy non-gradient optimiser by vectorised iterative discrete approximation and single-GPU computing. International Journal of High Performance Computing and Networking, 2015, 8, 301.	0.4	4
5237	RIOT - a tool for estimating the reliability of surveys. International Journal of Information and Communication Technology, 2015, 7, 481.	0.1	1

#	Article	IF	Citations
5238	A novel approach for imputation of missing continuous attribute values in databases using genetic algorithm. International Journal of Information Technology and Management, 2015, 14, 185.	0.1	8
5239	Metaheuristics for energy-efficient data routing in vehicular networks. International Journal of Metaheuristics, 2015, 4, 27.	0.1	10
5240	Efficient genetic algorithms for optimising the location of discrete nodes to cover multiple demand points. International Journal of Metaheuristics, 2015, 4, 244.	0.1	1
5241	Hybrid transportation model forecasting and optimisation with practical fuel supply chain. International Journal of Supply Chain and Operations Resilience, 2015, 1, 243.	0.1	1
5242	Evolutionary Schema of Modeling Based on Genetic Algorithms. Studies in Logic, Grammar and Rhetoric, 2015, 40, 219-239.	0.1	3
5243	Selection of additive elements for lead-free solders by use of a Kriging-based method for efficiently searching materials. Transactions of the JSME (in Japanese), 2015, 81, 15-00018-15-00018.	0.2	0
5244	Finite element model updating using fish school search and volitive particle swarm optimization. Integrated Computer-Aided Engineering, 2015, 22, 361-376.	4.6	38
5245	A modified sequential algebraic algorithm applied to identify rough acoustic impedance profiles in slender structures. Journal of the Acoustical Society of America, 2015, 138, 1585-1594.	1.1	1
5246	Multi-item dynamic lot-sizing model with business volume discount and bounded inventory. , 2015, , .		0
5247	Rate allocation optimized video streaming over heterogeneous emergency wireless mesh networks. , 2015, , .		2
5248	Optimization of Fuel Consumption in Compressor Stations. Oil and Gas Facilities, 2015, 4, 59-65.	0.4	6
5249	Designing model and control system using evolutionary algorithms. IFAC-PapersOnLine, 2015, 48, 526-531.	0.9	0
5250	Natural Computation for Optimal Scheduling with ILP Modeling in High Level Synthesis. Procedia Computer Science, 2015, 46, 167-175.	2.0	3
5251	Expeditious Pump Rescheduling in Multisource Water Distribution Networks. Procedia Engineering, 2015, 119, 1078-1087.	1.2	8
5252	Multi-objective chemical reaction optimization based decomposition for multi-objective traveling salesman problem. , 2015, , .		0
5253	Control of a quadcopter using reference model and genetic algorithm methods. , 2015, , .		4
5254	DST Matching and Interpretation through Numerical Well Testing on the Johan Sverdrup Field. , 2015, , .		6
5255	A Novel Approximation Algorithm Based on Genetic Programming in Digital Learning Environment. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
5256	Agent-based two-dimensional barcode decoding robust against non-uniform geometric distortion. , 2015, , .		2
5257	INVERSION ANALYSIS ON DISPERSION CURVE OF RAYLEIGH WAVE BY USING PARTICLE SWARM OPTIMIZATION. Journal of Japan Society of Civil Engineers Ser A1 (Structural Engineering & Earthquake) Tj ETQq1 1 0.784314 rgBT /O		
5258	An Assembly Line Balancing Problem Automotive Cables. Management and Production Engineering Review, 2015, 6, 59-66.	1.4	2
5259	Minimization of Life Cycle Cost for Bridge Asset Management with Multi Stage Optimization. IABSE Symposium Report, 2015, , .	0.0	1
5260	Evolutionary multi-view face tracking on pixel replaced image in video sequence. , 2015, , .		0
5261	Individualised training sheet composition of math word problems for learners with reading difficulties using genetic algorithm. International Journal of Technology Enhanced Learning, 2015, 7, 160.	0.7	1
5262	Optimization of capacitated vehicle routing problem using Producer-Scrounger Method. , 2015, , .		1
5263	The combing optimizer. , 2015, , .		0
5264	Optimisation of thermal performances in livestock housing design solutions using genetic algorithms. International Journal of Sustainable Agricultural Management and Informatics, 2015, 1, 142.	0.2	1
5265	Computational Intelligence Techniques in Medicine. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-2.	1.3	14
5266	Optimal Design of Multiple Tuned Liquid Column Dampers for Seismic Vibration Control of MDOF Structures. Periodica Polytechnica: Civil Engineering, 2015, 59, 543-558.	0.6	5
5267	GENETICAL SWARM OPTIMIZER FOR SYNTHESIS OF MULTIBEAM LINEAR ANTENNA ARRAYS. Progress in Electromagnetics Research C, 2015, 60, 137-146.	0.9	0
5268	A new memetic algorithm for solving split delivery vehicle routing problem. Management Science Letters, 2015, , 1017-1022.	1.5	2
5269	OPTIMIZATION OF GRADED MATERIALS FOR BROADBAND RADOME WALL WITH DRR CONTROL USING A HYBRID METHOD. Progress in Electromagnetics Research M, 2015, 43, 193-201.	0.9	4
5271	Mapping Multi-Level Loop Nests onto CGRAs Using Polyhedral Optimizations. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 1419-1430.	0.3	2
5272	A hybrid of genetic algorithm and Fletcher-Reeves for bound constrained optimization problems. Decision Science Letters, 2015, 4, 125-136.	1.2	2
5273	Cobweb heuristic for multi-objective vehicle routing problem. International Journal of Applied Mathematical Research, 2015, 4, 430-436.	0.2	0
5274	Regenerative Braking Control for High Level Deceleration on Low Mu Surface. SAE International Journal of Alternative Powertrains, 2015, 4, 209-224.	0.8	4

#	Article	IF	Citations
5275	Optimal Placement of Static Compensators for Global Voltage Sag Mitigation and Power System Performance Improvement. Research Journal of Applied Sciences, Engineering and Technology, 2015, 10, 484-494.	0.1	3
5276	Trading System Design. , 2015, , 145-173.		0
5277	POLYNOMIAL-CHAOS-BASED KRIGING. , 2015, 5, 171-193.		244
5278	New Genetic Operator (Jump Crossover) for the Traveling Salesman Problem. International Journal of Applied Metaheuristic Computing, 2015, 6, 33-44.	0.7	6
5279	Sistemas imunológicos artificiais no teste de agentes inteligentes. Revista Brasileira De Computação Aplicada, 2015, 7, .	0.1	0
5280	Application of soft computing techniques to forecast monthly electricity demand. , 2015, , .		2
5281	Optimal competitive freight network design as hierarchical variational inequalities programming problems. Transportation Research Part C: Emerging Technologies, 2015, 55, 116-138.	7.6	3
5282	Ionospheric electron density profile estimation using commercial AM broadcast signals. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 130-131, 1-13.	1.6	1
5283	Theory and Observations - Seismology and the Structure of the Earth: Teleseismic Body-Wave Scattering and Receiver-Side Structure. , 2015, , 253-275.		2
5284	Context-aware multimedia broadcast and multicast service area planning in 4G networks. Computer Communications, 2015, 64, 33-43.	5.1	5
5285	Developing an Optimization Tool for Evaluating the Transmission System Expansion. IEEE Latin America Transactions, 2015, 13, 998-1004.	1.6	1
5286	Implementation of an Adaptive Filter using an Evolvable Hardware Strategy. IEEE Latin America Transactions, 2015, 13, 927-934.	1.6	5
5287	Investigation of efficiency of manipulation in interactive Tabu Search for optimizing fragrance composition. , 2015, , .		1
5288	Active interference restriction in OFDM-based cognitive radio network using genetic algorithm. , 2015, , .		8
5289	Optimization of Antenna Arrays for SLL Reduction Towards Pareto Objectivity Using GA Variants. , 2015, , .		2
5290	Search dynamics of fitness landscape learning evolutionary computation with two types of evolution control. , 2015, , .		0
5291	Genetic algorithms based enhanced K Strange points clustering algorithm. , 2015, , .		3
5292	Multi-strategy Genetic Algorithm for Self-Configuring Solving of Complex Optimization Problems. , 2015, , .		0

#	Article	IF	Citations
5293	A Hybrid PBIL-Based Krill Herd Algorithm. , 2015, , .		7
5294	Stochastic optimization applied to Brazilian hydroelectric seasonalization of assured energy. , 2015, , .		5
5295	Improvements in identification of fuel cell temperature model. , 2015, , .		0
5296	Hybrid meta-heuristic applied to investments prioritization under budget uncertainty. , 2015, , .		0
5297	Generalized Optimum Reversible Circuit Synthesis: A Memetic Approach. , 2015, , .		0
5298	Optimal release time determination for multi upgradation SRGM with faults of different severity using genetic algorithm. , 2015, , .		0
5299	An anisotropic bilayer model to gain insight into in-vivo guided wave measurements. , 2015, , .		0
5300	Monogamous pair bonding in genetic algorithm. , 2015, , .		5
5301	Shrinking hyper-sphere based Artificial Bee Colony algorithm. , 2015, , .		1
5302	Optimizing the Parameters of Drift Detection Methods Using a Genetic Algorithm. , 2015, , .		9
5303	MultiObjective robust network design under uncertain traffic an approach based on evolutionary algorithm. , 2015, , .		1
5304	Sliding mode generalized impedance control design for manipulator robots based on genetic algorithm. , 2015, , .		0
5305	Non-rigid point matching via genetic algorithm searching. , 2015, , .		1
5306	Emergency response nurse scheduling with medical support robot by multi-agent and fuzzy technique. , 2015, 2015, 8169-72.		1
5307	A genetic algorithms-based optimization method for estimating thickness and porosity of cortical bone from guided wave measurements. , 2015, , .		0
5308	A Multi-objective Evolutionary Algorithm for Cloud Platform Reconfiguration. , 2015, , .		1
5309	Artificial Immune Systems in intelligent agents test. , 2015, , .		1
5310	Guided Genetic Algorithm: A New Template Concept. Procedia Computer Science, 2015, 60, 1101-1108.	2.0	3

#	ARTICLE	IF	CITATIONS
5311	Aerodynamic Shape Optimization via Global Extremum Seeking. IEEE Transactions on Control Systems Technology, 2015, 23, 2336-2343.	5.2	6
5312	Core map generation for the ITU TRIGA Mark II research reactor using Genetic Algorithm coupled with Monte Carlo method. Nuclear Engineering and Design, 2015, 295, 84-95.	1.7	0
5313	Design of optimal fuzzy controllers for stabilization of a Helicopter Simulator using hybrid Elite Genetic Algorithm and Tabu Search. , 2015, , .		0
5314	Wireless capacity maximization: A constrained genetic approach. , 2015, , .		4
5315	Incorporating Hybrid Operators on an Immune Based Framework for Multiobjective Optimization. , 2015, , .		1
5316	Parametric optimisation of Nd:YAG laser micro-drilling of alumina using NSGA II. International Journal of Machining and Machinability of Materials, 2015, 17, 1.	0.1	11
5317	Multi-objective generalised sensitivity analysis to TSEB model applied at irrigated olive orchard in semi-arid area. International Journal of Computational Science and Engineering, 2015, 11, 216.	0.5	0
5318	Big-bang big-crunch based optimization of PID controller for DC motor. , 2015, , .		5
5319	Distinguishing medical drugs from a large set of side effects using a distributed genetic algorithm on a PC cluster. , 2015, , .		0
5320	Performance comparisons of three IIR structures for adaptive system identification based on genetic algorithms. , 2015, , .		1
5321	Solving the Academic Timetable Problem Thinking on Student Needs. , 2015, , .		4
5322	Evolutionary algorithm for detection and localization of faults in HVDC systems. , 2015, , .		5
5323	Massively concurrent agent-based evolutionary computing. Journal of Computational Science, 2015, 11, 153-162.	2.9	20
5324	Restructuration of distribution power system using Genetics Algorithms. , 2015, , .		0
5325	Proactive digital forensics in the cloud using virtual machines. , 2015, , .		2
5326	The investigation of the maximum effect of the Volt/Var control of distributed generation on voltage regulation. , 2015, , .		4
5327	Evolving defensive strategies against iterated induction attacks in cognitive radio networks. , 2015, , .		0
5328	A dynamic approach for retrieval of software components using genetic algorithm. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
5329	Spare transformers optimization using Monte Carlo simulation and metaheuristic techniques. , 2015, , .		1
5330	CPU task scheduling using genetic algorithm. , 2015, , .		2
5331	An Optimal Clustering Formation for Wireless Sensor Network Based on Compact Genetic Algorithm. , 2015, , .		1
5332	Optimization of filter parameters for iris detection. , 2015, , .		1
5333	SAX-based Group Stock Portfolio Mining Approach. , 2015, , .		1
5334	Easing knowledge management in the power sector by means of a neuro-genetic system. International Journal of Bio-Inspired Computation, 2015, 7, 170.	0.9	3
5335	A Real-Coded Dynamic Genetic Algorithm for Optimizing Driver's Model in Emission Test Cycle. , 2015, , .		1
5336	Machine cell formation: using genetic algorithm-based heuristic considering alternative route. International Journal of Operational Research, 2015, 24, 83.	0.2	2
5337	Approximating the Effects of Installed Traffic Lights: A Behaviorist Approach Based on Travel Tracks. , 2015, , .		4
5338	Extracting both generalized and specialized knowledge by XCS using attribute tracking and feedback. , 2015, , .		1
5339	Multi-agent simulated annealing algorithm based on differential perturbation for protein structure prediction problems. International Journal of Computer Applications in Technology, 2015, 51, 164.	0.5	8
5340	Choice of effective fitness functions for genetic algorithm-aided dynamic fuzzy rule interpolation. , 2015, , .		15
5341	Speed control of induction motor based on model reference adaptive control. , 2015, , .		1
5342	Evolutionary multi-objective optimisation: a survey. International Journal of Bio-Inspired Computation, 2015, 7, 1.	0.9	68
5343	A comparative study of DAG clustering. , 2015, , .		1
5344	Design of a Traveling-Wave Slot Array Power Divider Using the Method of Moments and a Genetic Algorithm. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 3981-3987.	4.6	10
5345	Reconsideration about clustering analysis. , 2015, , .		2
5346	Improved genetic algorithms for solving the optimisation tasks for design of access control schemes in computer networks. International Journal of Bio-Inspired Computation, 2015, 7, 98.	0.9	18

#	Article	IF	Citations
5347	Multi-objective cell formation with routing flexibility: a graph partitioning approach. International Journal of Computational Science and Engineering, 2015, 11, 186.	0.5	2
5348	A repartition method improving visual quality for PCA image coding. Applied Soft Computing Journal, 2015, 29, 95-109.	7.2	1
5349	Verification study for a surface wave method based on harmonic wavelet analysis waves using a large-scale model testing site. Journal of Applied Geophysics, 2015, 113, 74-85.	2.1	1
5350	Optimization of Submarine Pipeline Routes Considering Slope Stability. , 2015, , .		6
5351	A mixed-integer programming approach to GRNN parameter estimation. Information Sciences, 2015, 320, 1-11.	6.9	8
5352	A Formal Method for Parallel Genetic Algorithms 1. Procedia Computer Science, 2015, 51, 2698-2702.	2.0	1
5353	Determination of Material Parameters from Experimental Data. , 2015, , 437-446.		0
5354	Optimization of U–Th fuel in heavy water moderated thermal breeder reactors using multivariate regression analysis and genetic algorithms. Annals of Nuclear Energy, 2015, 85, 885-892.	1.8	1
5355	Fuzzy adaptation of crossover and mutation rates in genetic algorithms based on population performance. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1805-1818.	1.4	16
5356	Design of adaptive antenna systems for LTE using Genetic Algorithm and Particle Swarm Optimization. , 2015, , .		2
5357	The optimal solution prediction for genetic and distribution building algorithms with binary representation. IOP Conference Series: Materials Science and Engineering, 2015, 70, 012005.	0.6	1
5358	Scheduling countermeasures to contamination events by genetic algorithms. AI Communications, 2015, 28, 259-282.	1.2	4
5359	Modeling and optimization of parameters for minimizing surface roughness and tool wear in turning Al/SiCp MMC, using conventional and soft computing techniques. Advances in Production Engineering and Management, 2015, 10, 59-72.	1.2	27
5360	Genetic Optimization for Seismic Retrofit of Soft-Story Woodframe Buildings Using FEMA P-807 Methodology. Journal of Performance of Constructed Facilities, 2015, 29, 04014153.	2.0	2
5361	On-line parameter and delay estimation of continuous-time dynamic systems. International Journal of Applied Mathematics and Computer Science, 2015, 25, 223-232.	1.5	9
5362	Multiobjective Optimization in Optical Networks. , 2015, , 205-244.		2
5363	An experimental study on the effects of matrix cracking to the stiffness of glass/epoxy cross plied laminates. Composites Part B: Engineering, 2015, 80, 260-268.	12.0	9
5364	Vehicle route assignment optimization for emergency evacuation in a complex network. Journal of Intelligent and Fuzzy Systems, 2015, 28, 107-116.	1.4	5

#	ARTICLE	IF	CITATIONS
5365	Genetic - Fuzzy system of power units maintenance schedules generation. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1577-1589.	1.4	17
5366	Combining genetic algorithm and Taylor series expansion approach for DOA estimation in space-time CDMA systems. Applied Soft Computing Journal, 2015, 28, 208-216.	7.2	3
5367	Population-based heuristic algorithms for continuous and mixed discrete-continuous optimization problems. 4or, 2015, 13, 337-338.	1.6	1
5368	Ancestral population genomics using coalescence hidden Markov models and heuristic optimisation algorithms. Computational Biology and Chemistry, 2015, 57, 80-92.	2.3	3
5369	Workload pattern analysis. , 2015, , .		1
5370	Improving water and energy metabolism efficiency in urban water supply system through pressure stabilization by optimal operation on water tanks. Ecological Informatics, 2015, 26, 111-116.	5.2	14
5371	Fractional programming through genetic algorithm. , 2015, , .		1
5372	Vector-based swarm optimization algorithm. Applied Soft Computing Journal, 2015, 37, 911-922.	7.2	4
5373	Relocation of Earthquakes in the New Madrid Seismic Zone: Estimation of 1D Velocity Structure and Geometry of a Seismogenic Fault. Bulletin of the Seismological Society of America, 2015, 105, 873-888.	2.3	0
5374	Modeling of Multiscale Heat Transfer Systems Using Volume Averaging Theory. Advances in Heat Transfer, 2015, 47, 1-165.	0.9	2
5375	Optimal allocation of wind parks considering Wind and Load uncertainties using Genetic Algorithm. , 2015, , .		2
5376	Nonlinear aerodynamic reduced order modeling by discrete time recurrent neural networks. Aerospace Science and Technology, 2015, 47, 406-419.	4.8	9
5377	Decision support system based on Genetic Algorithms for optimizing the Operation Planning of Hydrothermal Power Systems. , 2015, , .		1
5378	Parameter optimization of Al-SiC metal matrix composites produced using powder-based process. , 2015, , .		1
5379	Target assignment based on matrix transform-genetic algorithm in cooperative air combat. , 2015, , .		1
5380	Phenyl galactopyranosides â€" 13 C CPMAS NMR and conformational analysis using genetic algorithm. Chemical Physics, 2015, 457, 43-50.	1.9	2
5381	Practical intelligent modeling of three-phase induction machine. , 2015, , .		3
5382	Particle Swarm Optimization with varying Inertia Weight for solving nonlinear optimization problem. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
5383	Optimization of a hybrid coordinated power system stabilizer for superconducting generator using genetic algorithm. , 2015, , .		2
5384	Convergence detection for optimization algorithms: Approximate-KKT stopping criterion when Lagrange multipliers are not available. Operations Research Letters, 2015, 43, 484-488.	0.7	10
5385	Effects of heuristic rule generation from multiple patterns in multiobjective fuzzy genetics-based machine learning. , 2015, , .		5
5386	Two-phase anticipatory system design based on extended species abundance model of biogeography for intelligent battlefield preparation. Knowledge-Based Systems, 2015, 89, 420-445.	7.1	3
5387	DiverGene: Experiments on Controlling Population Diversity in Genetic Algorithm with a Dispersion Operator. , 2015, , .		1
5388	Applying Ant Colony Optimization algorithms for high-level behavior learning and reproduction from demonstrations. Robotics and Autonomous Systems, 2015, 65, 24-39.	5.1	9
5389	Towards better environmental software for spatio-temporal ecological models: Lessons from developing an intelligent system supporting phytoplankton prediction in lakes. Ecological Informatics, 2015, 25, 49-56.	5.2	14
5390	Improvement of protein binding sites prediction by selecting amino acid residues' features. Journal of Structural Biology, 2015, 189, 9-19.	2.8	2
5391	Novel metaheuristic hybrid spiral-dynamic bacteria-chemotaxis algorithms for global optimisation. Applied Soft Computing Journal, 2015, 27, 357-375.	7.2	19
5392	Advanced Metaheuristics-Based Approach for Fuzzy Control Systems Tuning. Studies in Fuzziness and Soft Computing, 2015, , 627-653.	0.8	5
5393	A study of glottal excitation synthesizers for different voice qualities. Neurocomputing, 2015, 150, 367-376.	5.9	5
5394	Exploring the effects of adaptive reactive support capabilities by DGs in optimal operational scheduling of smart active distribution networks. Journal of Intelligent and Fuzzy Systems, 2015, 28, 1699-1711.	1.4	0
5395	A cascaded pairwise biomolecular sequence alignment technique using evolutionary algorithm. Information Sciences, 2015, 297, 118-139.	6.9	10
5396	Training and testing a self-adaptive multi-operator evolutionary algorithm for constrained optimization. Applied Soft Computing Journal, 2015, 26, 515-522.	7.2	11
5397	Generating synthetic benchmark circuits for accelerated life testing of field programmable gate arrays using genetic algorithm and particle swarm optimization. Applied Soft Computing Journal, 2015, 27, 179-190.	7.2	1
5398	Modal-space reference-model-tracking fuzzy control of earthquake excited structures. Journal of Sound and Vibration, 2015, 334, 136-150.	3.9	19
5399	Tuning the parameters of an integrate and fire neuron via a genetic algorithm for solving pattern recognition problems. Neurocomputing, 2015, 148, 187-197.	5.9	24
5400	Evolutionary computation methods for the schedule optimisation of pipeline networks. International Journal of Innovative Computing and Applications, 2016, 7, 191.	0.2	0

#	ARTICLE	IF	CITATIONS
5401	Incorporating chaos into the developmental approach for solving the examination timetabling problem. International Journal of Bio-Inspired Computation, 2016, 8, 355.	0.9	2
5402	Combinatorial optimization in foundry practice. IOP Conference Series: Materials Science and Engineering, 2016, 122, 012001.	0.6	0
5403	The bee colony optimization algorithm and its convergence. International Journal of Bio-Inspired Computation, 2016, 8, 340.	0.9	16
5404	A Novel Fuzzy-Genetic Hybrid Classification Algorithm for Soil Profile Data. Indian Journal of Science and Technology, 2016, 9, .	0.7	1
5405	Wind Turbine Design: Multiâ€Objective Optimization. , 0, , .		9
5406	Optimization Algorithms in Project Scheduling. , 0, , .		3
5407	Secondary Markets and the Option Value of Life Insurance. SSRN Electronic Journal, 2016, , .	0.4	0
5408	Development of Counting Ability: An Evolutionary Computation Point of View. , 2016, , 123-145.		1
5409	New model and method for portfolios selection. Applied Mathematical Sciences, 0, 10, 263-288.	0.1	9
5411	Scheduling with Team Production Effects. SSRN Electronic Journal, 0, , .	0.4	2
5412	New Benchmark Results for the Stochastic Resource-Constrained Project Scheduling Problem. SSRN Electronic Journal, 0, , .	0.4	5
5413	Cortical and Subcortical Computing for Financial Trading (Presentation Slides). SSRN Electronic Journal, 2016, , .	0.4	0
5414	Performance Analysis of Load Balancing Algorithms in Cloud Computing Environment. Indian Journal of Science and Technology, 2016, 9, .	0.7	5
5415	Learning OWA filters parameters for SAR imagery with multiple polarizations. , 2016, , 269-284.		2
5416	An Adaptive Population-based Simplex Method for Continuous Optimization. International Journal of Swarm Intelligence Research, 2016, 7, 23-51.	0.7	3
5417	Development of a Coupled Optimizing-Simulation Model of Humans and Sand Areas. Journal of Japan Society of Sports Industry, 2016, 26, 1_119-1_135.	0.0	1
5418	Spectralâ€"Spatial Unmixing Approaches in Hyperspectral VNIR/SWIR Imaging. Data Handling in Science and Technology, 2016, 30, 579-611.	3.1	1
5419	Applications in toxicology. , 2016, , 347-354.		0

#	Article	IF	Citations
5420	Simplified swarm optimization with modular search for the general multi-level redundancy allocation problem in series-parallel systems. , 2016, , .		2
5421	Reliability allocation for CNC turrets based on fuzzy comprehensive evaluation. , 2016, , .		2
5422	Hooked on Springs: Using Virtualized Damped Harmonic Oscillators to Explore Complex Search Spaces. , 2016, , .		0
5423	Unified Smith predictor and H&infin; loop shaping for load frequency control with delay. International Journal of Systems, Control and Communications, 2016, 7, 240.	0.3	2
5424	Evolutionary harmony search algorithm with Metropolis acceptance criterion for travelling salesman problem. International Journal of Wireless and Mobile Computing, 2016, 10, 166.	0.2	8
5425	Search of binary codes compressed to several subpulses using genetic algorithm. , 2016, , .		0
5426	An empirical study on multi-objective genetic algorithms using clustering techniques. International Journal of Advanced Intelligence Paradigms, 2016, 8, 343.	0.3	6
5427	Efficient parallel evolutionary algorithms for deadline-constrained scheduling in project management. International Journal of Innovative Computing and Applications, 2016, 7, 34.	0.2	4
5428	An optimized geometry-physics based compact model of CNTFET. Materials Today: Proceedings, 2016, 3, 2295-2304.	1.8	0
5429	MR-GABiT: Map reduce based genetic algorithm for biclustering time series data. , 2016, , .		2
5430	Sensitivity Analysis of Factors Affecting Decision-Making for a Housing Energy Retrofit: A Case Study. , 2016, , .		6
5431	A high signal integrity interconnect design using a genetic algorithm and its solution analysis: What solution did GA find in time and frequency domain?. , 2016, , .		1
5432	Crystal plasticity simulation of macroscopic yielding behavior of ultrafine-grained aluminum. Transactions of the JSME (in Japanese), 2016, 82, 15-00396-15-00396.	0.2	1
5433	Genetic Algorithm applied to reservoir operation optimization with emphasis on the Moroccan context. , 2016, , .		6
5434	Linear and Nonlinear Regression for Combinatorial Optimization Problem of Multiple Transgenesis. IPSJ Transactions on Bioinformatics, 2016, 9, 7-11.	0.2	1
5435	A model-based method to measure baroreflex sensitivity. , 2016, 2016, 2688-2691.		2
5436	GMiner: Rule-Based Fuzzy Clustering for Google Drive Behavioral Type Mining. , 2016, , .		1
5437	A simple population based hybrid harmonic estimation algorithm. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
5438	Interval type-2 fuzzy logic gravitational search algorithm for the optimization of modular neural networks in echocardiogram recognition. , 2016, , .		2
5439	Parameter estimation of rule-based models using statistical model checking. , 2016, , .		12
5440	Empirical evaluation of changing crossover operators to solve function optimization problems. , 2016, , .		4
5441	Non-Crossover and Multi-Mutation Based Genetic Algorithm for Flexible Job-Shop Scheduling Problem. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2016, E99.A, 1856-1862.	0.3	2
5442	Genetic optimization of fuzzy membership functions for cloud resource provisioning. , 2016, , .		4
5443	Scalable attack propagation model and algorithms for honeypot systems. , 2016, , .		4
5444	Implementation of Genetic Algorithm to academic scheduling system. , 2016, , .		2
5445	Characterization and Design of Functional Quasi-Random Nanostructured Materials Using Spectral Density Function. , 2016, , .		4
5446	Accurate design of Digital Fractional Order differentiators using Improved Particle Swarm Optimization. , 2016, , .		1
5447	Multi-objective optimization for UWB antenna array by GA algorithm. , 2016, , .		0
5448	Finding optimal deceleration with serial regenerative braking of electric vehicle using a multi-objective genetic algorithm. , 2016, , .		6
5449	Optimal StatCom placement using Gravitational Search Algorithm. , 2016, , .		3
5450	Auto-tuning of parameters in hybrid sampling method for class imbalance problem. , 2016, , .		0
5451	A Hybrid Method Based on Cuckoo Search and Krill Herd Optimization with Differential Evolution. , 2016, , .		2
5452	Control of gene expression for the study of neurodegenerative disorders: a proof-of-principle experimental study. IFAC-PapersOnLine, 2016, 49, 8-13.	0.9	4
5453	Quantum evolutionary computational technique for constrained engineering optimization. , 2016, , .		0
5454	Correlation-based genetic algorithm for real-parameter optimization. , 2016, , .		2
5455	A Genetic Algorithm for the mass transit crew rostering problem. , 2016, , .		1

#	Article	IF	Citations
5456	An effective TLBO-based memetic algorithm for hypersonic reentry trajectory optimization. , 2016, , .		2
5457	An Integrated Reservoir Modelling and Evolutionary Algorithm for Optimizing Field Development in a Mature Fractured Reservoir. , 2016, , .		2
5458	LADRC with Genetic Algorithm based course tracking for autonomous surface vehicle. , 2016, , .		0
5459	A machine learning enabled network planning tool. , 2016, , .		13
5460	Effects of parallel distributed implementation on the search performance of Pittsburgh-style genetics-based machine learning algorithms. , 2016, , .		1
5461	Optimizing acceptance frontier using PSO and GA for multiple signature iris recognition. , 2016, , .		1
5462	Improved Genetic Algorithm Based Energy Efficient Routing in Two-Tiered Wireless Sensor Networks. , 2016, , .		4
5463	Identifying chaff echoes in weather radar data using tree-initialized fuzzy rule-based classifier. , 2016, , .		2
5464	A self-tuning modified firefly algorithm to solve univariate nonlinear equations with complex roots. , 2016, , .		5
5465	Application of Genetic Algorithm for optimization of fuel management in nuclear reactors. , 2016, , .		0
5466	Short-Term Path Planning for High-Level Navigation Control of N-Boat - The Sailboat Robot. , 2016, , .		2
5467	A binary coded multi-parent genetic algorithm for shuttle bus routing system in a college campus. , 2016, , .		1
5468	Recurrent fuzzy system design using mutation-aided elite continuous ant colony optimization. , 2016, , .		4
5469	An improved bat algorithm with variable neighborhood search for global optimization. , 2016, , .		20
5470	Moving object detection using genetic algorithm for traffic surveillance. , 2016, , .		4
5471	An operation optimization method based on improved EDA for BOF end-point control. , 2016, , .		3
5472	Discovering SNP Interactions Associated with Breast Cancer Using Evolutionary Algorithms. Procedia Computer Science, 2016, 102, 562-569.	2.0	2
5473	An interacting replica approach applied to the traveling salesman problem. , 2016, , .		0

#	Article	IF	Citations
5474	Modeling the Dynamics of a Changing Range Genetic Algorithm. Procedia Computer Science, 2016, 102, 570-577.	2.0	3
5475	Improving action recognition by selection of features. , 2016, , .		1
5476	A New Evolutionary Algorithm Based on Decomposition for Multi-Objective Optimization Problems. , 2016, , .		1
5477	Optimized distribution loss evaluation in ring main distribution system with DG placement, reconfiguration and capacitor placement using GA. , 2016, , .		6
5478	Modeling and PID control optimization for the crude oil network storage tanks. , 2016, , .		1
5479	A Genetic Algorithm Approach for Clustering Large Data Sets. , 2016, , .		2
5480	An Internet of Everything based integrated security system for smart archaeological areas. , 2016, , .		8
5481	The Strategy of Collision Avoidance between Missile and Space Debris Based on Genetic Algorithm. , 2016, , .		1
5482	Multilevel color image segmentation using modified genetic algorithm (MfGA) inspired fuzzy c-means clustering. , 2016, , .		9
5483	Configuring and Assembling Information Retrieval Based Solutions for Software Engineering Tasks. , 2016, , .		1
5484	Hybrid genetic algorithm based technique to maximize the network lifetime in WSN. , 2016, , .		1
5485	A Genetically Programmable Hybrid Virtual Reconfigurable Architecture for Image Filtering Applications. , 2016, , .		0
5486	Genetic Algorithms for Subset Selection in Model-Based Clustering. , 2016, , 55-70.		17
5487	Genetic algorithm for attack of image encryption scheme based chaotic map. , 2016, , .		1
5489	Coevolving Robust Build-Order Iterative Lists for Real-Time Strategy Games. IEEE Transactions on Games, 2016, 8, 363-376.	1.4	2
5490	Single input fuzzy logic controller tuning for steering control of autonomous underwater vehicle: Genetic algorithm approach. , 2016, , .		7
5491	Computing collision-free motions for a team of robots using formation and non-holonomic constraints. Robotics and Autonomous Systems, 2016, 82, 15-23.	5.1	11
5492	An effective feature selection approach driven genetic algorithm wrapped Bayes naïve. International Journal of Data Analysis Techniques and Strategies, 2016, 8, 220.	0.2	5

#	Article	IF	Citations
5493	Understanding Water Level Residuals in Malacca Strait Using Genetic Programming. Procedia Engineering, 2016, 154, 1267-1274.	1.2	1
5494	Operational Design Considerations for Retinal Prostheses. IEEE Circuits and Systems Magazine, 2016, 16, 31-44.	2.3	0
5495	Small signal modelling of gas turbine plant for load frequency control. , 2016, , .		1
5496	An efficient metaheuristic optimization approach to the problem of PID tuning for automatic voltage regulator systems. , 2016, , .		6
5497	A stochastic cloud model for cloud and ozone retrievals from UV measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 184, 167-179.	2.3	12
5498	Parallel distributed Interactive Genetic Algorithm for composing music melody suited to multiple users' feelings. , 2016, , .		6
5499	Demand Planning in Smart Homes. IEEE Latin America Transactions, 2016, 14, 3247-3255.	1.6	17
5500	A design method of robust optimal PI controller with saturation link for different processes. , 2016, , .		3
5501	Environment for automatic development and tuning of parallel applications. , 2016, , .		1
5502	Solving nonogram using genetic algorithms. , 2016, , .		1
5503	Computationally Efficient Ciphering Scheme for Image Encryption Using Common Division and Genetic Algorithm. , 2016, , .		0
5504	Analysis of size-strength trade-off in green pelletization for manganese concentrate using multiobjective evolutionary algorithm (NSGA-II). , 2016, , .		0
5505	Aggregating Ordinal User Preferences for Effective Reputation Computation of Online Services. , 2016, , .		2
5506	An Evolutionary Algorithm for Autonomous Robot Navigation. Procedia Computer Science, 2016, 80, 2261-2265.	2.0	9
5507	Mössbauer spectral curve fitting combining fundamentally different techniques. Nuclear Instruments & Methods in Physics Research B, 2016, 385, 40-45.	1.4	1
5508	FPGA-based optimal robust minimal-order controller structure of a DC–DC converter with Pareto front solution. Control Engineering Practice, 2016, 55, 149-161.	5.5	12
5509	Reservoir Simulation Assisted History Matching: From Theory to Design. , 2016, , .		2
5510	Population extremal optimisation for discrete multi-objective optimisation problems. Information Sciences, 2016, 367-368, 390-402.	6.9	6

#	Article	IF	Citations
5511	DERMAGA â€" An alternative tool to generate random patterned-channel-age in CANDU fuel management analyses part I: Method development. Progress in Nuclear Energy, 2016, 90, 190-196.	2.9	4
5512	Nonlinear optimal STATCOM controller based on game theory to improve transient stability. , 2016, , .		1
5513	Power system stabilizer parameters optimization using genetic algorithm. , 2016, , .		4
5514	A Genetic Algorithm identification technique for the estimation of process derivatives and model parameters in on-line optimization. , 2016, , .		1
5515	A New Random Search Algorithm: Multiple Solution Vector Approach. , 2016, , .		2
5516	Application of multivariate empirical mode decomposition and canonical correlation analysis for EEG motion artifact removal. , 2016, , .		9
5517	Improving protein tertiary structure prediction with conformational propensities of amino acid residues. , 2016, , .		1
5518	Verification of thermo-dynamical genetic algorithm to solve the function optimization problem through diversity measurement â€" Diversity measurement and its application to selection strategies in genetic algorithms. , 2016, , .		4
5519	An improved partheno-genetic algorithm for the multi-constrained problem of curling match arrangement. , 2016, , .		0
5520	A contribution of demand response for the reliability of a power system. , 2016, , .		5
5521	Optimal acceleration autopilot design for non-minimum phase missiles using evolutionary algorithms. International Journal of Bio-Inspired Computation, 2016, 8, 221.	0.9	5
5522	Improving regression predictions using individual point reliability estimates based on critical error scenarios. Information Sciences, 2016, 374, 65-84.	6.9	5
5523	A survey on network community detection based on evolutionary computation. International Journal of Bio-Inspired Computation, 2016, 8, 84.	0.9	98
5524	Multi-criteria website optimisation using NSGA-II. International Journal of Business Information Systems, 2016, 21, 418.	0.2	1
5525	Multiobjective genetic algorithm-based adaptive wavelet design. International Journal of Computational Vision and Robotics, 2016, 6, 127.	0.3	1
5526	A study on the most common algorithms implemented for cancer gene search and classifications. International Journal of Data Mining and Bioinformatics, 2016, 14, 159.	0.1	7
5527	A hybrid particle swarm optimisation-genetic algorithm applied to grid scheduling. International Journal of Grid and Utility Computing, 2016, 7, 113.	0.2	10
5528	A scheme for DDoS attacks mitigation in IdM systems through reorganizations. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
5529	A novel improved teaching-learning based optimization for functional optimization. , 2016, , .		5
5530	Sampling optimization for networked underwater gliders. , 2016, , .		1
5531	On the diversity-multiplexing trade-off of diamond half-duplex relay channels. , 2016, , .		1
5532	A Computer-Assistant Color Planning Tool for Virtual Agent Based on Personality Impression and Color Harmony. , 2016, , .		0
5533	A multilevel genetic algorithm for the clustering problem. International Journal of Information and Communication Technology, 2016, 9, 101.	0.1	2
5534	An Atomic Model Based Optimization Algorithm. , 2016, , .		2
5535	A new mode of operation of distribution network with load variations using distributed generations. , 2016, , .		0
5536	An incomplete dominance genetic algorithm approach to microarray data analysis. , 2016, , .		1
5537	Optimization of data access in tiered storage. , 2016, , .		0
5538	Scanning mircostrip arrays using controlled mutual reactance with parasitic elements. , 2016, , .		0
5539	Genetic algorithm and Particle Swarm Optimization of ensemble neural networks with type-1 and type-2 fuzzy integration for prediction of the Taiwan Stock Exchange. , 2016, , .		5
5540	Minimization of power supply-interruption-related costs in power distribution grids using evolutionary methods. , 2016, , .		1
5541	A Markov-Random-Field Approach for Extracting Straight-Line Segments of Roofs From High-Resolution Aerial Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 5493-5505.	4.9	4
5542	Entropic Differential Evolution - â„¯DE. , 2016, , .		1
5543	Lbest Gbest Artificial Bee Colony algorithm. , 2016, , .		13
5544	Modeling Fuzzy Rule-Based Systems. , 2016, , 137-184.		0
5545	A new hybrid method based on krill herd and cuckoo search for global optimisation tasks. International Journal of Bio-Inspired Computation, 2016, 8, 286.	0.9	101
5546	Genetic algorithms for dipole location of fetal magnetocardiography. , 2016, 2016, 904-907.		3

#	ARTICLE	IF	CITATIONS
5547	Geothermally activated building structures. , 2016, , 423-452.		3
5548	Adjoint-based shape optimization of fin geometry for heat transfer enhancement in solidification problem. Journal of Thermal Science and Technology, 2016, 11, JTST0040-JTST0040.	1.1	2
5549	A new metaheuristic optimisation algorithm motivated by elephant herding behaviour. International Journal of Bio-Inspired Computation, 2016, 8, 394.	0.9	251
5550	XCS-DH: Minimal default hierarchies in XCS. , 2016, , .		0
5551	Enhancing covariance matrix adaptation evolution strategy through fitness inheritance. , 2016, , .		3
5552	A step-wise genetic-algorithm-based approach for improving the sustainability of any country and for determining the characteristics of the ideally sustainable country. , 2016, , .		2
5553	Multi Population Genetic Algorithm to estimate snow properties from GPR data. Journal of Applied Geophysics, 2016, 131, 133-144.	2.1	10
5554	The 2017 IEEE International Conference on Fuzzy Systems. IEEE Computational Intelligence Magazine, 2016, 11, C3-C3.	3.2	0
5555	A decentralized multidistrict optimization framework for system-wide pavement maintenance resource allocation. International Journal of Pavement Research and Technology, 2016, 9, 214-221.	2.6	5
5556	Wideband low-profile monopole antenna for mobile and wireless monitoring applications. , 2016, , .		1
5557	Energy density for signals maximizing the integral-square error. Measurement: Journal of the International Measurement Confederation, 2016, 90, 224-232.	5.0	6
5558	Automatic correction of barrel distorted images using a cascaded evolutionary estimator. Information Sciences, 2016, 366, 70-98.	6.9	4
5560	A novel attribute weighting method with genetic algorithm for document classification. , 2016, , .		1
5561	Approximation and prediction using a TSK-type neural fuzzy controller with an improved imperialist competitive algorithm. , 2016, , .		1
5562	A Consensus Model for Motion Segmentation in Dynamic Scenes. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 2240-2249.	8.3	3
5563	Identification of tire force characteristics using a Hybrid method. Applied Soft Computing Journal, 2016, 40, 70-85.	7.2	6
5564	Digitally Assisted Built-In Tuning Using Hamming Distance Proportional Signatures in RF Circuits. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2016, 24, 2918-2931.	3.1	2
5565	Coevolutionary design of a watermark embedding scheme and an extraction algorithm for detecting replicated two-dimensional barcodes. Applied Soft Computing Journal, 2016, 46, 991-1007.	7.2	7

#	Article	IF	Citations
5566	Broadband acoustic properties of a murine skull. Physics in Medicine and Biology, 2016, 61, 1932-1946.	3.0	41
5567	Development of a stochastic dynamical model for hermetic compressor×³s components with experimental investigation. Mechanical Systems and Signal Processing, 2016, 76-77, 712-728.	8.0	2
5568	Parametric Reconstruction of Diffuse Optical Tomography Using Gaussian Mixture Model and Genetic Algorithm. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 58-68.	2.9	7
5569	GA optimized fuzzy controlled DPLL using discrete energy separation algorithm. , 2016, , .		2
5570	Minimizing Fluctuation of the Maintenance, Repair, and Rehabilitation Cost Profile of a Building. Journal of Performance of Constructed Facilities, 2016, 30, .	2.0	11
5571	Rehabilitation and Leakage Reduction on C-Town Using Hydraulic Criteria. Journal of Water Resources Planning and Management - ASCE, 2016, 142, .	2.6	8
5572	Designing efficient discriminant functions for multi-category classification using evolutionary methods. Neurocomputing, 2016, 173, 1885-1897.	5.9	0
5573	Comparative optimizer rank and score: A modern approach for performance analysis of optimization techniques. Expert Systems With Applications, 2016, 45, 118-130.	7.6	0
5574	Improving Power System Static Security Margins by Means of a Real Coded Genetic Algorithm. IEEE Transactions on Power Systems, 2016, 31, 1915-1924.	6.5	11
5575	A CAD-based method for multi-objectives optimization of mechanical products. Computer-Aided Design and Applications, 2017, 14, 563-571.	0.6	4
5576	Multi-focus image fusion based on optimal defocus estimation. Computers and Electrical Engineering, 2017, 62, 302-318.	4.8	11
5577	Techno Economic Optimization of Petlyuk Distillation Column Design Using Duelist Algorithm. Procedia Engineering, 2017, 170, 520-527.	1.2	6
5578	Minimization of interline dynamic voltage restorers rated apparent power in an industrial area consisting of two independent feeders considering daily load variations. Electric Power Systems Research, 2017, 149, 65-75.	3.6	6
5579	Community-Level Framework for Seismic Resilience. II: Multiobjective Optimization and Illustrative Examples. Natural Hazards Review, 2017, 18, .	1.5	13
5580	Early Warning System Design for Contamination Event Detection Incorporating Surrogate Water Quality Indicators in Water Distribution Systems. , 2017, , .		0
5581	Geometric optimization of morphing fins coupled with a semicircular heat generating body: A numerical investigation on the basis of Bejan's theory. International Communications in Heat and Mass Transfer, 2017, 86, 81-91.	5.6	7
5582	A molecular lump based model for simulation of industrial naphtha hydro treaters. Fuel Processing Technology, 2017, 166, 146-163.	7.2	2
5583	Optimizing Railroad Bridge Networks Management Using Mixed Integer Linear Programming and Genetic Algorithm. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
5584	A confidence-based approach to reliability design considering correlated failures. Reliability Engineering and System Safety, 2017, 165, 102-114.	8.9	5
5585	Dual mean field search for large scale linear and quadratic knapsack problems. Physica A: Statistical Mechanics and Its Applications, 2017, 478, 158-167.	2.6	1
5586	Phenomenological theory of collective decision-making. Physica A: Statistical Mechanics and Its Applications, 2017, 479, 287-298.	2.6	3
5587	A new hypervolume approach for assessing environmental risks. Journal of Environmental Management, 2017, 193, 188-200.	7.8	2
5588	A new hybrid CG-GAs approach for high sensitive optimization problems: With application for parameters estimation of FG nanobeams. Applied Soft Computing Journal, 2017, 52, 220-230.	7.2	10
5589	Evolutionary Algorithms for Programming Pneumatic Sequential Circuit Controllers. Procedia Manufacturing, 2017, 11, 1726-1734.	1.9	0
5590	Effort estimation of software projects with optimized coefficients using soft computing technique. , 2017, , .		1
5591	A proposal of interactive Tabu Search with paired comparison and differential vector for creating fragrance. , 2017, , .		1
5592	Active load sharing technique for on-line efficiency optimization in DC microgrids. , 2017, , .		1
5593	A Genetic-Based Algorithm for the Interpretation of Pressure Transient Response in Naturally Fractured Reservoirs. , 2017, , .		0
5594	Cumulative exposure model. , 2017, , 17-77.		0
5595	PLAYGO: Program for BWR LP-CRP Automatic Yielding by using GA Optimization. Nuclear Engineering and Design, 2017, 322, 427-443.	1.7	1
5597	A pragmatic approach for multidimensional data clustering. , 2017, , .		1
5598	Mission planning for a multi-robot team with a solar-powered charging station. , 2017, , .		4
5599	Parallel Multiobjective Optimization for the Coupled Compositional /Geomechanical Modeling of Pulse Testing. , 2017, , .		3
5600	Enterprise-level business component identification in business architecture integration. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 1320-1335.	2.6	1
5601	Front-rear crossover: A new crossover technique for solving a trap problem. , 2017, , .		3
5602	Mitigation of weld residual deformations by weld sequence optimization: limitations and enhancements of surrogate models. Procedia Structural Integrity, 2017, 5, 310-317.	0.8	2

#	Article	IF	Citations
5603	Multi-objective optimization of cellular scanning strategy in selective laser melting. , 2017, , .		4
5604	Buffer aware three level scheduler for video streaming over LTE. , 2017, , .		2
5605	Evaluating the effect of cross-over length and mutation rate variations on the performance of DERMAGA. Annals of Nuclear Energy, 2017, 100, 32-41.	1.8	0
5606	Leveraging heterogeneous parallel platform in solving hard discrete optimization problems with metaheuristics. Journal of Computational Science, 2017, 18, 59-68.	2.9	3
5607	Genetic Sensor Placement in Active Control of a Robotic Arm. , 2017, , .		1
5608	A survey on embedded reconfigurable architectures. , 2017, , .		3
5609	An evolutionary algorithm with 2-D encoding for image segmentation. , 2017, , .		0
5610	An empirical study on effect of variations in the population size and generations of genetic algorithms in cryptography. , 2017, , .		2
5611	A study on differential evolution and cellular differential evolution for multilevel color image segmentation. , 2017, , .		5
5612	Investigation on introducing qubit convergence measure to QEA in maximum cut problem. , 2017, , .		2
5613	Selected aspects and tradeoffs in transistor level implementation of genetic algorithms. , 2017, , .		0
5614	A new method for smooth trajectory planning for 3R robot arm using enhanced particle swarm optimization algorithm. , 2017, , .		0
5615	Fuel optimization in multiple diesel driven generator power plants. , 2017, , .		2
5616	Fault information-aided principal component subspace construction for efficient small fault detection for chemical processes. , 2017, , .		0
5617	SLL Optimization of Passive Radar Non-uniform Linear Arrays Based on Commercial UHF Antennas. , 2017, , .		1
5618	Application of genetic algorithm in cryptanalysis of mono-alphabetic substitution cipher. , 2017, , .		5
5619	Proactive day-ahead data center operation scheduling for energy efficiency: Solving a MIOCP using a multi-gene genetic algorithm. , 2017, , .		0
5620	Fractional order PI control of a gimbal platform. , 2017, , .		6

#	ARTICLE	IF	CITATIONS
5621	An intelligent optimization approach for waste collection with dynamic disposal trips. , 2017, , .		0
5622	Genetic algorithm based optimization for configuration and operation of emergency generators in medical facility. , 2017, , .		6
5623	High signal integrity design for transmission system including high-parasitic inductance connectors. , 2017, , .		0
5624	Traffic and Transportation Analysis Techniques. , 2017, , 63-162.		0
5625	A Heuristic Approach to Design Discrete Fractional Order Integrators without Using <i>s</i>-to-<i>z </i>Transform. Solid State Phenomena, 0, 261, 386-393.	0.3	0
5626	Big data analytics for industrial process control. , 2017, , .		2
5627	A novel dynamic crowding distance based diversity maintenance strategy for MOEAs. , 2017, , .		5
5628	Increasing speed of genetic algorithm-based instance selection. , 2017, , .		1
5629	Optimal design of fractional order digital differentiator using gravitational search algorithm. , 2017, , .		0
5630	A method to evaluate relevance of hemodynamic factors to artery bifurcation shapes using computational fluid dynamics and genetic algorithms. Mechanical Engineering Journal, 2017, 4, 16-00476-16-00476.	0.4	0
5631	Multi-layer model of swarm intelligence for resilient autonomous systems. , 2017, , .		1
5632	Parameters estimation of SPICE models for silicon carbide devices. , 2017, , .		2
5633	Electricity Demand Forecasting Using HWT Model with Fourfold Seasonality. , 2017, , .		3
5634	Tuning Software Based on Genetic Algorithm Applied to Industrial PID Loops. , 2017, , .		2
5635	Improving the energy efficiency of bipedal robots with bi-articular actuation. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2017, 11, JAMDSM0058-JAMDSM0058.	0.7	3
5636	Optimizing management of cloud resources towards best performance for applications execution. , 2017, , .		4
5637	Simulation-optimisation of multi-product, multi-period consumer supply network using genetic algorithms. , 2017, , .		1
5638	Optimal measurement locations based on uncertainty intervals for state identification in distribution grids. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
5639	A Comparison of Crossover Operators Applied to the Vehicle Routing Problem with Time Window. , 2017, , .		2
5640	An evolutionary motifs-based algorithm for community detection. , 2017, , .		3
5641	Spatial Resolution Optimization for Terrain Coverage with UAVs. , 2017, , .		1
5642	Synthesis of unequally spaced array using multi-stage differential evolutional algorithm. , 2017, , .		1
5643	Non-orthogonal Pulse Shape Modulation for Wireless Relay D2D Communication. , 2017, , .		1
5644	A Robotic Cloud Advisory Service. , 2017, , .		0
5645	Software Reliability Optimization for Automatic Train Operating System. , 2017, , .		2
5646	Combinatorial optimization method with search strategy based on hierarchical interpretation of solution space. , 2017, , .		3
5647	Forecasting of sulfur dioxide emissions in China based on optimized DGM(1,1). , 2017, , .		0
5648	Noise immunity enhancement by using a genetic-like coding algorithm for metric source without introduction of additional redundancy. , 2017, , .		5
5649	Multimodal genetic programming by using tree structure similarity clustering. , 2017, , .		6
5650	Solution of multi-objective emission & economic dispatch using bare bones TLBO algorithm & biogeography based optimization algorithm. , 2017, , .		2
5651	Application of the M<inf>m</inf>C<inf>n</inf>-BBO algorithms to the optimization of antenna problems. , 2017, , .		4
5652	Teaching the user by learning from the user: personalizing movement control in physical human-robot interaction. IEEE/CAA Journal of Automatica Sinica, 2017, 4, 704-713.	13.1	6
5653	ANN-based Collaborative Sensor Calibration and GA-approach to Sensor Mutation Management. , 2017, , .		1
5654	A dual dynamic migration policy for island model genetic algorithm. , 2017, , .		2
5655	Application of different optimization techniques to load frequency control in a multi-area system. , 2017, , .		3
5656	A new methodology for vibration reduction of a 2 phase SRM based on FEM coupled simulations and genetic algorithm model. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
5657	A consideration on responsiveness evaluation for an excavator based on control engineering approach. , 2017, , .		0
5658	Three-dimension core loss analysis of transverse flux linear motor based on the improved Steinmetz equation. , 2017, , .		1
5659	From standardized data formats to standardized tools for optimization algorithm benchmarking. , 2017, , .		1
5660	Self-adaptive differential evolution based power system stabilizers. , 2017, , .		1
5661	On the Use of Nature Inspired Metaheuristic in Computer Game. , 0, , .		1
5662	Design and performance analysis of optimal reduced order H-infinity controller: L1 norm based genetic algorithm technique. , 2017, , .		3
5663	Frequent pattern mining for community dedection in web logs group based habit dedection in community using network traces. , 2017, , .		0
5664	Optimization of contact grids for solar cells with genetic algorithms. , 2017, , .		0
5665	A differential evolution algorithm for dynamic multi-objective optimization. , 2017, , .		0
5666	Public-private partnership: A design issue. , 2017, , .		2
5667	An age layered population structure genetic algorithm for the multi-depot vehicle problem. , 2017, , .		2
5668	The new communication network for an internet of everything based security/safety/general management/visitor's services for the Papal Basilica and Sacred Convent of Saint Francis in Assisi, Italy. , 2017, , .		1
5669	Hybrid Multievolutionary System to Solve Function Optimization Problems. , 0, , .		1
5670	Recovery System Based on Exploration-Biased Genetic Algorithm for Stuck Rover in Planetary Exploration. Journal of Robotics and Mechatronics, 2017, 29, 877-886.	1.0	3
5671	A Novel Shape Microstrip Patch Antenna for Bandwidth Optimization with Shorting Pin. Indian Journal of Science and Technology, 2017, 10, 1-5.	0.7	2
5672	Makespan minimisation for pre-emptive scheduling of mobile robots in FMS environment. International Journal of Metaheuristics, 2017, 6, 3.	0.1	3
5673	An efficient genetic algorithm for job shop scheduling problems. Tehnicki Vjesnik, 2017, 24, .	0.2	4
5674	Alloy Design for Advanced Manufacturing Processes. , 2017, , 407-449.		1

#	Article	IF	Citations
5675	Random Forest-Based Approach for Maximum Power Point Tracking of Photovoltaic Systems Operating under Actual Environmental Conditions. Computational Intelligence and Neuroscience, 2017, 2017, 1-17.	1.7	13
5676	Application of Genetic Algorithm to Estimation of Function Parameters in Lightning Currents Approximations. International Journal of Antennas and Propagation, 2017, 2017, 1-11.	1.2	4
5677	Multilevel Thresholding Method Based on Electromagnetism for Accurate Brain MRI Segmentation to Detect White Matter, Gray Matter, and CSF. BioMed Research International, 2017, 2017, 1-17.	1.9	28
5678	Shrimp Feed Formulation via Evolutionary Algorithm with Power Heuristics for Handling Constraints. Complexity, 2017, 2017, 1-12.	1.6	11
5679	Mobility Aware Energy Efficient Clustering for MANET: A Bio-Inspired Approach with Particle Swarm Optimization. Wireless Communications and Mobile Computing, 2017, 2017, 1-12.	1.2	24
5680	Fuel Costs Minimization on a Steel Billet Reheating Furnace Using Genetic Algorithms. Modelling and Simulation in Engineering, 2017, 2017, 1-11.	0.7	7
5681	Selection of objective function for imbalanced classification: an industrial case study. , 2017, , .		0
5682	Hybrid GA-Means for energy efficient clustering in wireless sensors network. , 2017, , .		0
5683	Prediction of India's electricity consumption in industrial sector using soft computing techniques. , 2017, , .		1
5684	Multiple quay cranes scheduling for double cycling in container terminals. PLoS ONE, 2017, 12, e0180370.	2.5	8
5685	A constrained parameter evolutionary learning algorithm for Bayesian network under incomplete and small data. , 2017, , .		4
5686	Monotone data samples do not always produce monotone fuzzy if-then rules: Learning with ad hoc and system identification methods. , 2017, , .		4
5687	Support vector machine model based on glowworm swarm optimization in application of vibrant fault diagnosis for hydro-turbine generating unit. , 2017, , .		1
5688	A Comparative Analysis of MOEAs Considering Two Discrete Optimization Problems. , 2017, , .		4
5689	Structure optimization of dynamic reservoir ensemble using genetic algorithm. , 2017, , .		1
5690	Let the Data Do the Talking: Empirical Modelling of Survey-Based Expectations by Means of Genetic Programming. SSRN Electronic Journal, 2017, , .	0.4	0
5691	Short-Term Forecasting of GDP via Evolutionary Algorithms Using Survey-Based Expectations. SSRN Electronic Journal, 2017, , .	0.4	0
5692	Optimization and analysis of high gain wideband microstrip patch antenna using genetic algorithm. International Journal of Engineering and Technology(UAE), 2017, 7, 176.	0.3	13

#	Article	IF	Citations
5693	Non-Gaussian system identification based on improved estimation of distribution algorithm. , 2017, , .		0
5694	Optimization of thrust propeller design for an ROV (Remotely Operated Vehicle) consideration by Genetic Algorithms. MATEC Web of Conferences, 2017, 138, 07003.	0.2	6
5695	A New Effective Spread Estimator Based on Price Range. SSRN Electronic Journal, 0, , .	0.4	1
5696	Predictive modeling based on multivariate random forests. , 2017, , 189-218.		0
5697	Self-Adaptive Evolutionary Computation Methods for GARCH Model Optimization. SSRN Electronic Journal, 2017, , .	0.4	0
5698	Estudo comparativo entre os métodos gradiente reduzido generalizado e algoritmo genético em otimização com múltiplas respostas. Revista Produção Online, 2017, 17, 592.	0.2	4
5699	Integration of Soft Computing Approach in Plant Biology and Its Applications in Agriculture. , 2018, , 265-281.		2
5700	Three-Dimensional Pipeline ADC Utilizing TSV/ Design Optimization and Memristor Ratioed Logic. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 2619-2627.	3.1	6
5701	Application of genetic algorithm in designing high-voltage open-air substation lightning protection system. Journal of Electrostatics, 2018, 93, 43-51.	1.9	5
5702	Using Image Quality Assessment (IQA) Databases to Provide an Appraisal of the Ability of the Feature Selective Validation Method (FSV) to Compare Two-Dimensional Datasets. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 890-898.	2.2	1
5703	A computerized method for evaluating scoliotic deformities using elliptical pattern recognition in X-ray spine images. Computer Methods and Programs in Biomedicine, 2018, 161, 85-92.	4.7	5
5704	Evolution of Mona Lisa with Pablo Picasso's paintings. , 2018, , .		0
5705	Mathematical modelling of grounding systems under impact of pulse currents. , 2018, , .		8
5706	Coupling control and optimization at the Canadian Light Source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 892, 1-9.	1.6	2
5707	Dynamic adaptation to environmental changes of optical virtual networking and cloud computing systems for tightly coupling big data and peripheral computer resources. , 2018, , .		0
5708	An equivalent electrode system for efficient charging of filtration media. Ain Shams Engineering Journal, 2018, 9, 1243-1250.	6.1	1
5709	Joint estimation of thermal and mass diffusivities of a solute-solvent system using ANN-GA based inverse framework. International Journal of Thermal Sciences, 2018, 123, 27-41.	4.9	5
5710	Nonlinear inversion of resistivity sounding data for 1-D earth models using the Neighbourhood Algorithm. Journal of African Earth Sciences, 2018, 137, 179-192.	2.0	3

#	ARTICLE	IF	CITATIONS
5711	DACOS: DAKOTA-AGENT neutronics computational optimization system. Annals of Nuclear Energy, 2018, 112, 245-256.	1.8	2
5712	Near Real-time Performance of Population-based Nature-Inspired Algorithms on Cheaper and Older Smartphones. , 2018, , .		2
5713	A Comparison of Algorithms for Finding an Efficient Theme Park Tour. Journal of Applied Mathematics, 2018, 2018, 1-14.	0.9	2
5714	GA-Based Optimization of Normal Weight Concrete Compressive Strength with Maranta Arundinacea. , 2018, , .		0
5715	Exploiting Building Blocks in Hard Problems with Modified Compact Genetic Algorithm. , 2018, , .		0
5716	Robust Dynamic Scheduling with Uncertain Release Time for the Steelmaking-Continuous Casting Production. , 2018, , .		0
5717	Novel Genetic Algorithm for Association Rule Mining with Multi-Objective Extraction for Bakery Database. , 2018, , .		2
5718	Genetic-Based Optimization of the Manufacturing Process of a Robotic Arm under Fuzziness. Mathematical Problems in Engineering, 2018, 2018, 1-12.	1.1	3
5719	Lifetime Enhancement of Wireless Sensor Networks by using MFO Algorithm. , 2018, , .		2
5720	Optimization of target segment parameters of fishbone horizontal well based on genetic algorithm. IOP Conference Series: Earth and Environmental Science, 2018, 186, 012054.	0.3	1
5721	An Efficient Meta-Heuristic Chemical Reaction Optimization Based Algorithm for Association Rule Hiding Using an Advanced Perturbation Approach. , 2018, , .		3
5722	Evaluation of Wind Energy Parameter Optimization of A DFIG Controller Based on Cultural Algorithms. , 2018, , .		1
5723	A novel approach for cloud service composition ensuring global QoS constraints optimization. , 2018, , .		2
5724	A Cognitive Ensemble Classifier based on Risk Sensitive Hinge Loss Function for Alzheimer's Disease diagnosis in early stages. , 2018, , .		1
5725	An Evolutive Hybrid Approach to Cloud Computing Provider Selection. , 2018, , .		1
5726	Wetting and Drying of Soil: From Data to Understandable Models for Prediction. , 2018, , .		2
5727	Collaborative Control of Multiple Robots Using Genetic Fuzzy Systems Approach. , 2018, , .		3
5728	Studying the Effect of Robustness Measures in Offline Parameter Tuning for Estimating the Performance of MOEA/D. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
5729	A DEVS-based Simulation Model for Biogas Generation for Electrical Energy Production. , 2018, , .		1
5730	Optimization of the Water Alternating Gas Injection Strategy in an Oil Reservoir Using Evolutionary Algorithms. , 2018, , .		0
5731	A Novel Tuning Method for PD Control of Robotic Manipulators Based on Minimum Jerk Principle. , 2018, , .		1
5732	A Novel Active Equalization Topology for Series-Connected Lithium-ion Battery Packs. , 2018, , .		8
5733	A New Genetic Algorithm-Based Pruning Approach for Optimum-Path Forest. , 2018, , .		0
5734	A New Filter Evaluation Function for Feature Subset Selection with Evolutionary Computation. , 2018, , .		2
5735	A Biased Random-Key Genetic Algorithm for Regression Test Case Prioritization. , 2018, , .		2
5736	Multi-Objective Optimal Longitudinal Flight Control System Design for Large Flexible Transport Aircraft. , 2018, , .		3
5737	Autonomous Robot Navigation in Diverse Terrain Using a Fuzzy Evolutionary Technique. , 2018, , .		0
5738	Path Planning for Multiple Mobile Robots in Static Environment using Hybrid Algorithm. , 2018, , .		6
5739	Multiple Disjunctions Rule Genetic Algorithm (MDRGA): Inferring Non-Linear IF-THEN Rules in Non-Linear Datasets. , 2018, , .		2
5740	Percolative Learning: Time-Series Prediction from Future Tendencies. , 2018, , .		1
5741	Determining Value at Risk for Estimating Renovation Building Projects by Application of Probability-based Fuzzy Set Theory. Journal of Asian Architecture and Building Engineering, 2018, 17, 63-70.	2.0	3
5742	A BCHC genetic algorithm model of cotemporal hierarchical Arabidopsis thaliana gene interactions. , 2018, , .		1
5743	Sequential Hybrid Approximate Optimization Approach and Its Applications in Structural Design. , 2018, , .		0
5744	Optimization Design of the Positive Electrode Performance for Lithium-Ion Batteries Based on Maximum Entropy Principle. , 2018, , .		0
5745	A Study of Variable Selection Within A Framework of Real-Coded Genetic Algorithm. , 2018, , .		1
5746	Hybrid Genetic Algorithm with SVM for Medical Data Classification. , 2018, , .		2

#	Article	IF	Citations
5747	Tactical Plan Optimisation for Large Multi-Skilled Workforces Using a Bi-Level Model. , 2018, , .		1
5748	Performance Analysis of Automated Quantitative Feedback TheoryBased Robust Controller for Photovoltaic Converter. , 2018, , .		2
5749	A multi-objective design optimization technique for weight and cost minimization of hybrid laminated composite structure by modified non-dominated sorting genetic algorithm. Materials Today: Proceedings, 2018, 5, 25798-25806.	1.8	5
5750	Genetic Algorithm based Kinematic Synthesis of an Eight Bar Flap Deployment Mechanism in a Typical Transport Aircraft. Materials Today: Proceedings, 2018, 5, 24887-24897.	1.8	2
5751	An Improved S-Metric Selection Evolutionary Multi-Objective Algorithm With Adaptive Resource Allocation. IEEE Access, 2018, 6, 63382-63401.	4.2	7
5752	Unsupervised Kernel Learning for Correlation Based Clustering. , 2018, , .		1
5753	The impact of summarisation on textual entailment - a case study on global warming arguments. , 2018, , .		0
5754	Design Optimization of Renewable Energy System Using EMO. , 2018, , .		14
5755	The Improvement of Dropout Strategy Based on Two Evolutionary Algorithms. , 2018, , .		1
5756	Optimization of Concentric Circular Arrays Using a Crossover Improved Genetic Algorithm. , 2018, , .		0
5757	Boosting Search Based Software Testing by Using Ensemble Methods. , 2018, , .		0
5758	Ameliorated Deep Learning based on Improved Denoising Autoencoder and GACNN. , 2018, , .		0
5759	Designing of Combinatorial Communication Networks Using Efficient Heuristic Tabu Search Algorithm. , 2018, , .		1
5760	Research of Localization Algorithm of Internet of Vehicles Based on Intelligent Transportation. , 2018, , .		2
5761	Fuel-Efficient Driving Strategies for Heavy-Duty Vehicles: A Platooning Approach Based on Speed Profile Optimization. Journal of Advanced Transportation, 2018, 2018, 1-12.	1.7	10
5762	Greediness Characterization of Genetic Algorithms. , 2018, , .		0
5763	A Methodology for the Microscopic Calibration of Agent-Based Pedestrian Simulation Models. , 2018, , .		3
5764	An Improved Artificial Bee Colony Algorithm with Diversity Control. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
5765	Feature Grouping Based On Ga And L-Gem For Human Activity Recognition. , 2018, , .		1
5766	GMOA: Streaming Delivery in Infrastructure-Based Vehicular Networks. , 2018, , .		0
5767	Continuous Selection of Optimized Traffic Light Schedules: A Machine Learning Approach. , 2018, , .		0
5768	Exploring Evolutive Methods for Cloud Provider Selection Based on Performance Indicators. , 2018, , .		1
5769	Bio-Inspired and Heuristic Methods Applied to a Benchmark of the Task Scheduling Problem. , 2018, , .		0
5770	Time optimal missile launching plan for MLV based on improved GA and AHP. , 2018, , .		1
5771	An Improved Version of K-medoid Algorithm using CRO. Modern Applied Science, 2018, 12, 116.	0.6	6
5772	The DFT-genetic algorithm approach for global optimization of subnanometer bimetallic clusters. Frontiers of Nanoscience, 2018, 12, 145-169.	0.6	9
5773	Immune Scheduling Network Based Method for Task Scheduling in Decentralized Fog Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-8.	1.2	12
5774	Optimizing Wind Turbine-Generator Design Using Genetic Algorithm. , 2018, , .		0
5775	Tracking Economic Growth by Evolving Expectations Via Genetic Programming: A Two-Step Approach. SSRN Electronic Journal, 0, , .	0.4	0
5776	Fuzzy Logic Tool to Forecast Soil Fertility in Nigeria. Scientific World Journal, The, 2018, 2018, 1-7.	2.1	9
5777	Minimum mass laminate design for uncertain in-plane loading. Composites Part A: Applied Science and Manufacturing, 2018, 115, 348-359.	7.6	1
5778	Peculiarly Approaches for Association Rule Mining using Genetic Algorithm. , 2018, , .		2
5779	Wireless Data Rate Controller Design for Networked Control Applications. , 2018, , .		0
5780	Drag coefficient effect on efficiency of Wave Energy Converter of â€œPower Buoyâ€•type. , 2018, , .		0
5781	Meiotic Inheritance and Gene Dominance in Synthetic Sympatric Speciation. , 2018, , .		1
5782	Knowledge Sharing in Cooperative Compact Genetic Algorithm. , 2018, , .		0

#	Article	IF	Citations
5783	Weighted A-optimality criterion for generating robust mixture designs. Computers and Industrial Engineering, 2018, 125, 348-356.	6.3	6
5784	Improvement Analysis and Application of Real-Coded Genetic Algorithm for Solving Constrained Optimization Problems. Mathematical Problems in Engineering, 2018, 2018, 1-16.	1.1	8
5785	Design of a Two-Inertia Control System Using a Fictitious Exogenous Signal. , 2018, , .		0
5786	Application of an Adapted Genetic Algorithm on Task Allocation Problem of Multiple UAVs. , 2018, , .		1
5787	Fault Detection and Isolation Based on Extreme Learning Machine optimized by Genetic Algorithm for Flight Control System. , 2018, , .		0
5788	Reducing Patient Waiting Time for Radiotherapy Treatments with a Genetic Algorithm. , 2018, , .		0
5789	Using BUA algorithm to solve a sequential pick and place problem. , 2018, , .		5
5790	Leakage detection and calibration of pipe networks by the inverse transient analysis modified by Gaussian functions for leakage simulation. Journal of Water Supply: Research and Technology - AQUA, 2018, 67, 404-413.	1.4	17
5791	Evaluating the Impact of QAM Constellation Subset Selection on the Achievable Information Rates of Multidimensional Formats in Fully Loaded Systems. Journal of Lightwave Technology, 2018, 36, 712-720.	4.6	8
5792	Evolutionary algorithms for near-optimum detection of multi-beam satellite signals. , 2018, , .		2
5793	Evolutionary Algorithms and Metaheuristics: Applications in Engineering Design and Optimization. Mathematical Problems in Engineering, 2018, 2018, 1-4.	1.1	27
5794	Improved Hybrid Fireworks Algorithm-Based Parameter Optimization in High-Order Sliding Mode Control of Hypersonic Vehicles. Complexity, 2018, 2018, 1-16.	1.6	6
5795	An Advanced Chemical Reaction Optimization Algorithm Based on Balanced Local and Global Search. Mathematical Problems in Engineering, 2018, 2018, 1-16.	1.1	3
5796	A memetic particle gravitation optimization algorithm for solving image segmentation. , 2018, , .		2
5797	Automatic fitting of neuron parameters. , 2018, , .		0
5798	Prediction of Chinaâ€™s Sulfur Dioxide Emissions by Discrete Grey Model with Fractional Order Generation Operators. Complexity, 2018, 2018, 1-13.	1.6	29
5799	Pareto-Optimization of HTS CICC for High-Current Applications in Self-Field. Advances in Condensed Matter Physics, 2018, 2018, 1-9.	1.1	1
5800	Design of mobile solid propellant launch vehicle using hybrid optimization approach. , 2018, , .		0

#	Article	IF	Citations
5801	Novel Verification Method for Timing Optimization Based on DPSO. VLSI Design, 2018, 2018, 1-8.	0.5	1
5802	Multiobjective Simulation-Based Optimization Based on Artificial Immune Systems for a Distribution Center. Journal of Optimization, 2018, 2018, 1-15.	6.0	2
5803	Optimization of Bioactive Ingredient Extraction from Chinese Herbal Medicine *Glycyrrhiza glabra*: A Comparative Study of Three Optimization Models. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-13.	1.2	14
5804	FIL-DGA based hardware optimization system. Applied Soft Computing Journal, 2018, 72, 235-260.	7.2	0
5805	Minimizing the Convergence Error for the Smart Grid with Duration-Limited Communications. , 2018, , .		0
5806	Optimization of physical parameters of an underactuated quadrupedal robot. , 2018, , .		0
5807	Distributed generation planning in distribution system with focus on reliability. , 2018, , .		0
5808	Controlled deployment in wireless sensor networks based on a novel Multi Objective Bee Swarm Optimization algorithm. , 2018, , .		3
5809	Grid fins shape design of a launch vehicle based on sequential approximation optimization. Advances in Space Research, 2018, 62, 1863-1878.	2.6	3
5810	An Integrated MaxFit Genetic Algorithm-SPICE Framework for 2-Stage Op-Amp Design Automation. , 2018, , .		1
5811	Equivalent dipole model optimized by Ant Colony Optimization Algorithm for modeling antennas in their context. , 2018, , .		0
5812	Improved Random Forest (RF) Classifier for Imbalanced Classification of Lung Nodules. , 2018, , .		10
5813	Niching genetic network programming with rule accumulation for decision making: An evolutionary rule-based approach. Expert Systems With Applications, 2018, 114, 374-387.	7.6	6
5814	Optimization algorithm behavior modeling: A study on the traveling salesman problem. , 2018, , .		3
5815	Outline of Classical Optimization Methods. , 2018, , 1-63.		0
5816	Photovoltaic array controlled by a first order sliding mode MPPT control for an electric water heaters network. , 2018, , .		0
5817	Stochastic Methods for Global Optimization and Problem Solving. , 2019, , 321-327.		1
5818	Modelling and Automatic Design and Control of Robot Systems using Collaborative Intelligent Systems. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
5819	Genetic Algorithm for Topology Optimization of an Artificial Neural Network Applied to Aircraft Turbojet Engine Identification. , 2019, , .		1
5820	A Hybrid Evolutionary Strategy to Optimise Early-Stage Cancer Screening. , 2019, , .		0
5821	Empirical Analysis of Island Model on Large Scale Global Optimization. , 2019, , .		1
5822	Mitigation of EMI in CCM DC-DC Converters with Grouped Clocking Technique. , 2019, , .		0
5823	Production plan scheduling on electronic factory. , 2019, , .		0
5824	A Comparison of Performance of GA, PSO and Differential Evolution Algorithms for Dynamic Phase Reconfiguration Technology of a Smart Grid. , 2019, , .		8
5825	Improving Power Quality of Distributed PV-EV Distribution Grid by Mitigating Unbalance. , 2019, , .		1
5826	Filter design for folded canonical topologies based on equivalent circuit segmentation. AEU - International Journal of Electronics and Communications, 2019, 109, 157-165.	2.9	0
5827	Framework for QOS Optimization in MANET using GA-ACO Techniques. , 2019, , .		0
5828	An Evolutionary Scheme for Secondary Virtual Networks Mapping onto Cognitive Radio Substrate. Wireless Communications and Mobile Computing, 2019, 2019, 1-19.	1.2	4
5829	A Review of Web Classifier Approach with Possible Research Direction to Detect Cyber Extremists. , 2019, , .		1
5830	Multivehicle Simultaneous Parking Using A Genetic Algorithm Approach. , 2019, , .		0
5831	Considering Passenger Preferences in Integrated Postdisruption Recoveries of Aircraft and Passengers. Mathematical Problems in Engineering, 2019, 2019, 1-19.	1.1	4
5832	Multi-Level Direct Torque Control of Induction Motor using Fuzzy-Genetic Speed Regulation. , 2019, , .		2
5833	Solving the Regenerator Location Problem using bioinspired algorithms. , 2019, , .		1
5834	A Research of Variable Selection Method within A Framework of Real-coded Genetic Algorithm. , 2019, , .		0
5835	Evolution-Based Deployment Scheme for Green Internet of Things. , 2019, , .		1
5836	Prediction of Students' Course Failure Based on Campus Card Data. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
5837	Bio-Inspired Multiojective Tuning of PID-Controlled Antilock Braking Systems. , 2019, , .		1
5838	Clustering and Ranking Based Methods for Selecting Tuned Search Heuristic Parameters. , 2019, , .		1
5839	Control of Electric Power Steering System â€" OpenModelica Simulation. , 2019, , .		2
5840	A Swarm-based Data Sanitization Algorithm in Privacy-Preserving Data Mining. , 2019, , .		1
5841	Robust ultra large bandwidth SMF design using hybrid GA-BF evolutionary algorithm. Optik, 2019, 194, 163113.	2.9	0
5842	An effective solution for large scale single machine total weighted tardiness problem using lunar cycle inspired artificial bee colony algorithm. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 17, 1-1.	3.0	8
5843	Learned and Controlled Autonomous Robotic Exploration in an Extreme, Unknown Environment. , 2019, , .		0
5844	Smart Detector of Learner Style. , 2019, , .		2
5845	HotAging â€" Impact of Power Dissipation on Hardware Degradation. , 2019, , .		0
5846	Explosion gravitation field algorithm with dust sampling for unconstrained optimization. Applied Soft Computing Journal, 2019, 81, 105500.	7.2	3
5847	Cross-Comparison and Calibration of Two Microscopic Traffic Simulation Models for Complex Freeway Corridors with Dedicated Lanes. Journal of Advanced Transportation, 2019, 2019, 1-14.	1.7	8
5848	Modeling Minimally-Processed Shielded Metal Arc Weld Transformers for Rural Minigrid Applications. IEEE Power and Energy Technology Systems Journal, 2019, 6, 95-103.	2.8	1
5849	DNA Cryptography: A Novel Approach for Data Security Using Flower Pollination Algorithm. SSRN Electronic Journal, 0, , .	0.4	5
5850	Tumor classification and biomarker discovery based on the 5â€™isomiR expression level. BMC Cancer, 2019, 19, 127.	2.6	12
5851	Optimize Neutral Framework With Fair Share Resource Allocator For Big Data Processing On Cloud Infrastructure. , 2019, , .		0
5852	Analyzing the Energy Consumption of Sequential and Parallel Metaheuristics. , 2019, , .		0
5853	Running Reinforcement Learning Agents on GPU for Many Simulations of Two-Person Simultaneous Games. , 2019, , .		0
5854	Novel hybrid attribute selection approach for marginal capacity prices forecast on european primary control reserve market. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
5855	Hydropower Optimization Using Split-Window, Meta-Heuristic and Genetic Algorithms. , 2019, , .		1
5856	Optimal Illumination of Arbitrary Rooms Using Genetic Algorithm. , 2019, , .		0
5857	Robotized Grasp: Grasp manipulation using Evolutionary Computing. , 2019, , .		3
5858	Creation of Predictive Analytics System for Power Energy Objects. , 2019, , .		5
5859	Optimization of PI Controller Gains using Genetic Algorithm for Time-Delayed Load Frequency Control Systems with Electric Vehicles Aggregator. , 2019, , .		2
5860	Designs of Single/Dual-Band Bandpass Filter With Different Source and Load Impedances Using Genetic Algorithm. , 2019, , .		0
5861	Application of Digging Control based on the Center-of-Mass Velocity of the Attachment of a Hydraulic Excavator. , 2019, , .		0
5862	Dual-Optimized Support Vector Machine for Fault Diagnosis of Rotating Equipment Based on CM-GA. , 2019, , .		0
5863	Population-based Search Relying on Spatial and/or Temporal Scale-free Behaviors of Individuals. , 2019, , .		0
5864	Implementation of a Natural Dynamic Controller on an Under-actuated Compass-Biped Robot. , 2019, , .		0
5865	Analysis of Attribute Selection Method Based on IDOE in Software Fault Prediction. , 2019, , .		1
5866	Impact of Genetic Operators on Energy-Efficient Wireless Sensor Network. , 2019, , .		1
5867	Genetic optimization of a trading algorithm based on pattern recognition. , 2019, , .		0
5868	Comparative Metaheuristic Performance for the Scheduling of Multipurpose Batch Plants. , 2019, , .		7
5869	Automatic Image Enhancement Taking into Account User Preference. , 2019, , .		1
5870	A comparative study of the state-of-the-art algorithms on multi-objective problems using performance metrics. , 2019, , .		0
5871	Enhancing Random Search with Surrogate Models for Lipschitz Continuous Optimization. , 2019, , .		0
5872	Non-Preemptive Open Shop Scheduling Considering Machine Availability. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
5873	Genetic Algorithm-Based Feature Selection and Optimization of Backpropagation Neural Network Parameters for Classification of Breast Cancer Using MicroRNA Profiles. , 2019, , .		4
5874	Viral Infection Genetic Algorithm with Dynamic Infectability for Pathfinding in a Tower Defense Game. , 2019, , .		0
5875	Synthesis of New bis 1-Substituted 1H-Tetrazoles via Efficient Heterocyclizations from Symmetric Dianilines, Methyl Orthoester, and Sodium Azide. Proceedings (mdpi), 2019, 41, 26.	0.2	0
5876	SPICE Model Tuning using a Parallel Computational Optimisation Strategy. , 2019, , .		0
5877	Genetic Algorithm Based Prefix Partitioning for Memory-Efficient IPv4/6 Lookup. IEEE Latin America Transactions, 2019, 17, 1823-1830.	1.6	1
5878	A Multiobjective Genetic Approach with TOPSIS to Learn Fuzzy Rule-Based Classification Systems. , 2019, , .		0
5879	An Improved Lightning Attachment Procedure Optimization Algorithm for Function Optimization. , 2019, , .		1
5880	Genetic Algorithm for Optimal Feature Vector Selection in Facial Recognition. , 2019, , .		1
5881	Operation of Distribution Network with Distributed Generation in Floating Mode. , 2019, , .		0
5882	Application of Support Vector Machine Of Quantum Genetic Algorithm With Gauss Initialization In Multi-Class Classification. , 2019, , .		2
5883	Assessment of AGC Performance Based on Thermal Power Unit Model. , 2019, , .		0
5884	The Impact of Cluster Spacing on Multi-Fractured Well Performance. , 2019, , .		1
5885	Energy Management in Smart Homes with PV Generation, Energy Storage and Home to Grid Energy Exchange. , 2019, , .		16
5886	Three-phase Induction Motor Speed Estimator Using Genetic Algorithm Based on Elman Recurrent Neural Network. , 2019, , .		1
5887	Calibration of Controlled Markov Chains for Predicting Pedestrian Crossing Behavior Using Multi-objective Genetic Algorithms. , 2019, , .		0
5888	An Improved Real-Coded Genetic Algorithm Using the Heuristical Normal Distribution and Direction-Based Crossover. Computational Intelligence and Neuroscience, 2019, 2019, 1-17.	1.7	15
5889	Triple Comparison-based Interactive Differential Evolution for Creating Sign Sound. , 2019, , .		0
5890	Objective assessement of equalization methods using acoustic parameters. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
5891	Computational Intelligence for Life Sciences. Fundamenta Informaticae, 2019, 171, 57-80.	0.4	5
5892	A Distributed Optimization Method with Unknown Cost Function in Multi-Agent Systems via a Learning-Based Method. , 2019, , .		0
5893	Proposal of the â€œTotal Error Minimization Methodâ€•for robust design. Engineering Science and Technology, an International Journal, 2019, 22, 656-666.	3.2	1
5894	Template-based gait authentication through Bayesian thresholding. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 209-219.	13.1	8
5895	Numerical identification of the thermal properties of early age concrete using inverse heat transfer problem. Heat and Mass Transfer, 2019, 55, 1215-1227.	2.1	6
5896	Applying Young diagrams to 2-symmetric fuzzy measures with an application to general fuzzy measures. Fuzzy Sets and Systems, 2020, 379, 20-36.	2.7	3
5897	Optimizing real-world factory flows using aggregated discrete event simulation modelling. Flexible Services and Manufacturing Journal, 2020, 32, 888-912.	3.4	19
5898	Modeling and Analysis of Pneumatic Cushioning Systems Under Energy-Saving Measures. IEEE Transactions on Automation Science and Engineering, 2020, 17, 1388-1398.	5.2	2
5899	Prediction of Photovoltaic Time Series by Recurrent Neural Networks and Genetic Embedding. , 2020, , .		0
5900	Hardware/Software Co-design for Evolvable Hardware by Genetic Algorithm. , 2020, , .		0
5901	Optimization of Cathodic Protection Systems of Tank Bottoms Using Boundary Elements, Inverse Analysis, and Genetic Algorithm. Corrosion, 2020, 76, 1220-1227.	1.1	2
5902	On The Role Of Execution Order In Hybrid Evolutionary Algorithms. , 2020, , .		0
5903	Interaction characteristics as evolutionary features for the spatial Prisonerâ€™s Dilemma in a population modeled by continuous probabilistic cellular automata and evolutionary algorithm. Ecological Complexity, 2020, 42, 100829.	2.9	2
5904	Chemometric-assisted UV spectrophotometric method for determination of N, N-diethyl-3-methylbenzamide in insect repellents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 241, 118660.	3.9	0
5905	A Novel Flow-level Session Descriptor With Application to OS and Browser Identification. , 2020, , .		0
5906	Optimization of Drilling Parameters using an Innovative GA-PS Artificial Intelligence Model. , 2020, , .		6
5907	Genetic Algorithm based Approach to Select Suitable Cover Image for Image Steganography. , 2020, , .		2
5908	Green Fractional Order Elements Based on Bacterial Cellulose and Ionic Liquids. , 2020, , .		2

#	Article	IF	Citations
5909	Research status of mobile robot path planning based on genetic algorithm. Journal of Physics: Conference Series, 2020, 1544, 012021.	0.4	3
5910	IHS for QoS Satisfaction Degree Based Web Service Composition Optimal Model. , 2020, , .		0
5911	The Use of Various Input Data in the Design of Public Transport Route Networks. , 2020, , .		0
5912	Educational platform for modeling and control. , 2020, , .		4
5913	Selection of Optimal Developing Strategy for A Group of Prospects in Terms of Geological Uncertainties and Infrastructure Constraints (Russian). , 2020, , .		0
5914	Facing Big Data by an Agent-Based Multimodal Evolutionary Approach to Classification. , 2020, , .		1
5915	Quantification and Incorporation of Geomechanical Risks in Optimization of Geologic CO_2 Storage Using Coupled-Physics Models. , 2020, , .		1
5916	Design and Construction of Power Distribution Architecture of a CubeSat using Genetic Algorithm. , 2020, , .		0
5917	Envisioning the Benefits of Back-Drive in Evolutionary Algorithms. , 2020, , .		1
5918	The Effectiveness of Using a Pretrained Deep Learning Neural Networks for Object Classification in Underwater Video. Remote Sensing, 2020, 12, 3020.	4.0	24
5919	Genetic Algorithmic Parameter Optimisation of a Recurrent Spiking Neural Network Model. , 2020, , .		1
5920	Combining Evolutionary Mutation Testing with Random Selection. , 2020, , .		1
5921	Performance Evaluation of Model Predictive Control for Three Interacting Tank Process Based on its Lower Order Integer and Non-Integer Models. , 2020, , .		0
5922	Incorporating Strategy Adoption into Genetic Algorithm Enabled Multi-Agent Systems. , 2020, , .		3
5923	A Parallel Evolutionary System for Multi-objective Optimisation. , 2020, , .		1
5924	Cost Optimization For Intelligent Enterprises Using Modified GWO. , 2020, , .		1
5925	Quantum Genetic Terrain Algorithm (Q-GTA): A Technique to Study the Evolution of the Earth Using Quantum Genetic Algorithm. Proceedings (mdpi), 2020, 46, 26.	0.2	0
5926	PyAEM: A Python toolkit for aquatic ecosystem modelling. Ecological Informatics, 2020, 60, 101134.	5.2	0

#	Article	IF	Citations
5927	Optimal Placement of Single and Multiple FACTS Controllers Using Genetic Algorithm. , 2020, , .		1
5928	Patch antenna design using the gA and the binary method for dual-band applications. Journal of Electromagnetic Waves and Applications, 2020, 34, 1691-1704.	1.6	2
5929	Development of Advanced Computer Aid Model for Shear Strength of Concrete Slender Beam Prediction. Applied Sciences (Switzerland), 2020, 10, 3811.	2.5	19
5930	Input attributes optimization using the feasibility of genetic nature inspired algorithm: Application of river flow forecasting. Scientific Reports, 2020, 10, 4684.	3.3	55
5931	BAS-ADAM: an ADAM based approach to improve the performance of beetle antennae search optimizer. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 461-471.	13.1	143
5932	Issues of Quality Assessing of Stochastic Transformations Results. , 2020, , .		3
5933	An Integrated Genetic-Algorithm/Artificial-Neural-Network Approach for Steady-State Modeling of Two-Phase Pressure Drop in Pipes. SPE Production and Operations, 2020, 35, 628-640.	0.6	2
5934	Design Optimization of Tree-type Robotic Systems Using Exponential Coordinates and Genetic Algorithms. , 2020, , .		1
5935	Prediction of Rice Production in India Using Artificial Neural Network with Genetic Algorithm. , 2020, , .		0
5936	Optimization of Wear Behavior of DLC Coatings Through Optimization of Deposition Conditions. Medziagotyra, 2020, 26, 269-280.	0.2	3
5937	The parallelization of a two-phase distributed hybrid ruin-and-recreate genetic algorithm for solving multi-objective vehicle routing problem with time windows. Expert Systems With Applications, 2021, 168, 114408.	7.6	16
5938	Adversarial Learning Approach to Unsupervised Labeling of Fine Art Paintings. IEEE Access, 2021, 9, 81969-81985.	4.2	4
5939	Colliding bodies optimization with Morlet wavelet mutation and quadratic interpolation for global optimization problems. Engineering With Computers, 2022, 38, 2743-2767.	6.1	11
5940	Achillea clypeolata Sibth. & Sm. essential oil composition and QSRR model for predicting retention indices. Journal of the Serbian Chemical Society, 2021, 86, 355-366.	0.8	1
5941	An adaptive scheduling framework for solving multi-objective hybrid flow shop scheduling problems. , 0, , .		3
5942	When Language Evolution Meets Multimodality: Current Status and Challenges Toward Multimodal Computational Models. IEEE Access, 2021, 9, 35196-35206.	4.2	2
5943	Integrated Scheduling of Real-Time and Interactive Tasks for Configurable Industrial Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 631-641.	11.3	15
5944	Integrating Metaheuristic Algorithms and Minimum Cross Entropy for Image Segmentation in Mist Conditions. Studies in Computational Intelligence, 2021, , 545-581.	0.9	0

#	Article	IF	Citations
5945	Optimal Configuration Planning for Sensor Network Serviceability Under a System Coverage Constraint. IEEE Access, 2021, 9, 98305-98316.	4.2	3
5946	Hybrid Approaches to Nature-Inspired Population-Based Intelligent Optimization for Industrial Applications. IEEE Transactions on Industrial Informatics, 2022, 18, 546-558.	11.3	17
5947	Architecture Optimization of Convolutional Neural Networks by Micro Genetic Algorithms. Studies in Computational Intelligence, 2021, , 149-167.	0.9	1
5949	GA-FGP based Intelligent Systems incorporating on-board Music Systems for stress relief for Solar Power Driven and Wirelessly charged Electric Car. SSRN Electronic Journal, 0, , .	0.4	0
5950	Language: The missing selection pressure. Theoria Et Historia Scientiarum, 0, 17, 7.	0.4	2
5951	Minimization of total trim loss occurring in pipe cutting in shipbuilding with genetic algorithm. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2021, 235, 695-704.	0.5	1
5952	Calibration of a hypoplastic model using genetic algorithms. Acta Geotechnica, 2021, 16, 2031-2047.	5.7	23
5954	Hybrid Algorithm as alternative method for optimization, a combination Genetic Algorithm and Particle Swarm Optimization. Journal of Physics: Conference Series, 2021, 1764, 012040.	0.4	2
5956	Evolutionary identification method for determining thermophysical parameters of hardening concrete. Archives of Civil and Mechanical Engineering, 2021, 21, 1.	3.8	4
5957	Revisiting open-circuit photovoltage decay in organic solar cells for the determination of bimolecular recombination constants. Japanese Journal of Applied Physics, 2021, 60, 034001.	1.5	1
5958	GNSS Patch Antenna Design Parameter Optimization using FEKO, Design of Experiments & P-Transform Technique. , 2021, , .		0
5959	Evolutionary Transfer Optimization - A New Frontier in Evolutionary Computation Research. IEEE Computational Intelligence Magazine, 2021, 16, 22-33.	3.2	115
5960	An OSGI-MPH Algorithm for Solving Combinatorial Optimization Problem. , 2021, , .		0
5962	Transformer EM-FL-PSO Design Optimization. , 2021, , .		0
5963	Dynamic Path Planning Of Unmanned Surface Vehicle Based On Genetic Algorithm With Sliding Curve Guidance System. JAREE (Journal on Advanced Research in Electrical Engineering), 2021, 5, .	0.3	2
5964	Optimization of Neural Network Input Through Genetic Algorithm. , 2021, , .		1
5965	Genetic Algorithm and Fisher Discriminant Analysis based Wavelet Thresholding for Speckle Noise Filtering in Ultrasound Images. International Journal of Computer Applications, 2021, 174, 13-18.	0.2	3
5966	SAGA: A Hybrid Technique to handle Imbalance Data in Software Defect Prediction. , 2021, , .		1

#	Article	IF	Citations
5969	A Genetic Algorithm as a Classifier. , 2021, , .		0
5970	Optimized Feature Subset Selection Using Genetic Algorithm for Preterm Labor Prediction Based on Electrohysterography. Sensors, 2021, 21, 3350.	3.8	12
5971	Resource levelling in projects considering different activity execution modes and splitting. Journal of Engineering, Design and Technology, 2022, 20, 1073-1100.	1.7	1
5972	Autómata Evolutivo (AE) para el mercado accionario usando Martingalas y un Algoritmo Genético. Revista Mexicana De Economía Y Finanzas Nueva Época (remef), 2021, 16, 1-22.	0.2	0
5974	Compressor Schedule Optimization for a Refrigerated Warehouse Using Metaheuristic Algorithms. , 2021, , .		2
5975	Reducing Thickness Deviation of W-Shaped Structures in Manufacturing DRAM Products Using RSM and ANN_GA. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2021, 11, 899-910.	2.5	1
5976	Optimal Vaccination Campaigns Using Stochastic SIR Model and Multiobjective Impulsive Control. Trends in Computational and Applied Mathematics, 2021, 22, 201-220.	0.2	3
5977	Optimized resource-constrained method for project schedule compression. Engineering, Construction and Architectural Management, 2022, 29, 2106-2129.	3.1	3
5978	Comparison of Global Optimization Algorithms for Inverse Design of Substrate Metal Density for Low Warpage Design in Ultra-Thin Packages. , 2021, , .		1
5979	Turkey Long-Term Energy Consumption Prediction Using Whale Optimization Algorithm. , 2021, , .		0
5982	An Evolutionary Computation Based Model for Testing Transfer Learning Strategies. , 2021, , .		1
5983	A required isolation index to support the health system during the pandemic of Covid-19 in Minas Gerais, Brazil. IEEE Latin America Transactions, 2021, 19, 961-969.	1.6	4
5984	All-Dielectric Metasurfaces Color Filter Arrays Designed by Evolutionary Search. IEEE Photonics Journal, 2021, 13, 1-9.	2.0	4
5985	Resonance Risk and Mode Shape Management in the Frequency Domain to Prevent Squeak and Rattle. Journal of Vibration and Acoustics, Transactions of the ASME, 2022, 144, .	1.6	0
5986	An Ensemble Model With Genetic Algorithm for Classification of Coronary Artery Disease. International Journal of Computer Vision and Image Processing, 2021, 11, 70-83.	0.4	2
5987	Optimal Model Order Reduction of Heavy-Duty Gas Turbine Power Plants. , 2021, , .		0
5988	Pattern-Search-Based Algorithm for Ground-Motion Selection with Targeted Mean and Standard Deviation. International Journal of Steel Structures, 2021, 21, 1383-1397.	1.3	0
5989	Avaliação do efeito de faixas adicionais de subida em segmentos de rodovias de pista simples. Transportes, 2021, 29, .	0.2	1

#	Article	IF	Citations
5990	Optimization of Pin Arrangement and Geometry in EV and HEV Heat Sink Using Genetic Algorithm Coupled With CFD. , 2021, , .		2
5991	Optimization of Corrugated Bulkhead Forms By Genetic Algorithm. Journal of Marine Science and Technology, 2002, 10, .	0.3	2
5992	Optimisation of Patient Flow and Scheduling in an Outpatient Haemodialysis Clinic. Nigerian Journal of Technological Development, 2021, 18, 119-128.	0.6	3
5993	Efficient spreading strategy for global solution search using a trust-region optimization method: An application to the common-reflection-surface stacking problem. Geophysics, 2021, 86, R723-R734.	2.6	0
5994	An Overview of Optimal Damper Placement Methods in Structures. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 1785-1804.	1.9	2
5995	Data-driven prestack-waveform inversion using genetic algorithm: Methodology and examples. Interpretation, 2021, 9, T1065-T1084.	1.1	1
5996	A GA-based algorithm meets the fair ranking problem. Information Processing and Management, 2021, 58, 102711.	8.6	4
5997	Experimental Study of Hybrid Genetic Algorithms for the Maximum Scatter Travelling Salesman Problem. International Journal of Advanced Computer Science and Applications, 2021, 12, .	0.7	1
5998	A survey of machine learning in credit risk. Journal of Credit Risk, 2021, , .	0.2	8
5999	Combining Global and Local Information for Offspring Generation in Evolutionary Multiobjective Optimization. IEEE Access, 2021, 9, 127471-127483.	4.2	1
6000	Memory-Efficient, Accurate and Early Diagnosis of Diabetes Through a Machine Learning Pipeline Employing Crow Search-Based Feature Engineering and a Stacking Ensemble. IEEE Access, 2021, 9, 134335-134354.	4.2	2
6001	A survey of parallel distributed genetic algorithms. Complexity, 1999, 4, 31-52.	1.6	61
6010	Simulated Evolutionary Optimization and Local Search: Introduction and Application to Tree Search. Cladistics, 2001, 17, S12-S25.	3.3	10
6012	Artificial Life and the Sciences of Complexity: History and Future. , 2006, , 227-247.		7
6015	A Permutation-Based Differential Evolution Algorithm Incorporating Simulated Annealing for Multiprocessor Scheduling with Communication Delays. Lecture Notes in Computer Science, 2006, , 514-521.	1.3	5
6016	Modelling Tactical Driving Manoeuvres with GA-INTACT. Lecture Notes in Computer Science, 2006, , 767-774.	1.3	1
6017	Genetic Algorithm-Based Improvement of Robot Hearing Capabilities in Separating and Recognizing Simultaneous Speech Signals. Lecture Notes in Computer Science, 2006, , 207-217.	1.3	8
6018	Evolutionary Synthesis of Synchronous Finite State Machines. Studies in Fuzziness and Soft Computing, 2005, , 103-127.	0.8	6

#	Article	IF	Citations
6019	An Evolutionary Algorithm for the Biobjective QAP. , 2006, , 577-586.		5
6020	Optimization with Parallel Computing. Lecture Notes in Computer Science, 2001, , 221-229.	1.3	1
6022	GA-Hardness Revisited. Lecture Notes in Computer Science, 2003, , 1584-1585.	1.3	4
6023	Does Crossover Probability Depend on Fitness and Hamming Differences in Genetic Algorithms?. Lecture Notes in Computer Science, 2002, , 389-394.	1.3	1
6024	Evolutionary Computation: Where we are and where we're headed. Lecture Notes in Computer Science, 1999, , 230-231.	1.3	2
6025	New perspectives about default hierarchies formation in learning classifier systems. Lecture Notes in Computer Science, 1991, , 218-227.	1.3	8
6027	A parallel genetic algorithm for Automatic Generation of Test Sequences for digital circuits. Lecture Notes in Computer Science, 1996, , 454-459.	1.3	6
6028	Mutation by imitation in boolean evolution strategies. Lecture Notes in Computer Science, 1996, , 356-365.	1.3	8
6029	Learning heuristics for OBDD minimization by Evolutionary Algorithms. Lecture Notes in Computer Science, 1996, , 730-739.	1.3	18
6030	Improving the generalization performance of multi-layer-perceptrons with population-based incremental learning. Lecture Notes in Computer Science, 1996, , 740-750.	1.3	10
6033	Investigating a Parallel Breeder Genetic Algorithm on the inverse Aerodynamic design. Lecture Notes in Computer Science, 1996, , 982-991.	1.3	1
6034	Economic forecasting using Genetic Algorithms. Lecture Notes in Computer Science, 1997, , 543-544.	1.3	1
6035	On linguistic approximation with genetic programming. Lecture Notes in Computer Science, 1998, , 200-209.	1.3	4
6037	Multiprocessor Task Scheduling using a new Prioritizing Genetic Algorithm based on number of Task Children. , 2008, , 105-114.		3
6039	Genetic Programming â€" Computers Using â€œNatural Selectionâ€•to Generate Programs. , 1998, , 9-42.		10
6040	Advances in Applied Self-organizing Systems. Advanced Information and Knowledge Processing, 2008, , .	0.3	14
6041	The Design Guidelines Collaborative Framework. , 2010, , .		6
6042	Evaluating the Seeding Genetic Algorithm. Lecture Notes in Computer Science, 2013, , 221-227.	1.3	2

#	ARTICLE	IF	CITATIONS
6043	A New User Similarity Computation Method for Collaborative Filtering Using Artificial Neural Network. Communications in Computer and Information Science, 2014, , 145-154.	0.5	5
6044	Figure Pattern Creation Support for Escher-Like Tiling by Interactive Genetic Algorithms. Proceedings in Adaptation, Learning and Optimization, 2015, , 421-432.	1.6	4
6045	Structure and Operation of a Basic Genetic Algorithm. Advances in Intelligent Systems and Computing, 2016, , 53-59.	0.6	2
6047	A Hybrid Intelligent Computational Methodology for Semiconductor Device Equivalent Circuit Model Parameter Extraction. Mathematics in Industry, 2006, , 345-350.	0.3	1
6048	Intelligent Motion Generator for Mobile Robot by Automatic Constructed Action Knowledge-Base Using GA. Lecture Notes in Computer Science, 2003, , 271-278.	1.3	1
6049	Registration of Non-Segmented Images Using a Genetic Algorithm. Lecture Notes in Computer Science, 1995, , 205-211.	1.3	10
6050	Detection and Classification of Microcalcification Clusters in Mammograms using Evolutionary Neural Networks. Studies in Computational Intelligence, 2008, , 151-180.	0.9	3
6052	Adaptive Representations for Reinforcement Learning. Studies in Computational Intelligence, 2010, , .	0.9	7
6053	MCR XII. Efficient Development of New Drugs by Online-Optimization of Molecular Libraries. , 1998, , 190-194.		1
6054	Stochastic Search Methods. , 1999, , 299-350.		3
6056	EVOLVABLE HARDWARE Genetic Programming of a Darwin Machine. , 1993, , 441-449.		92
6059	Interactve Evolutionary Algorithms in Design. , 1995, , 227-230.		12
6060	Non-Uniform Mapping in Binary-Coded Genetic Algorithms. Advances in Intelligent Systems and Computing, 2013, , 133-144.	0.6	8
6062	Models of Discovery and Creativity. , 2009, , .		13
6063	Design Strategies for Evolutionary Robotics. , 1995, , 609-616.		7
6064	A Model of Creative Design Using a Genetic Metaphor. Studies in Cognitive Systems, 1994, , 283-293.	0.1	2
6068	Induction of the. Molecular Genetics and Genomics, 1996, 251, 573.	2.4	4
6069	Variable Default Hierarchy Separation in a Classifier System. Foundations of Genetic Algorithms, 1991, , 148-167.	0.6	12

#	Article	IF	Citations
6070	Accounting for Noise in the Sizing of Populations* *Portions of this paper are excerpted from a paper by the authors entitled â€œGenetic Algorithms, Noise, and the Sizing of Populationsâ€•(Goldberg, Deb, &) Tj ETQq0.0 0 rgBT12 verlock		
6071	Large-Scale Maintenance Optimization Problems for Civil Infrastructure Systems. , 2013, , 519-538.		1
6072	Control Optimisation and Parametric Design. , 2016, , 229-251.		3
6073	Calibration of an Hypoplastic Constitutive Model From True Biaxial Tests. , 1993, , 259-275.		2
6074	Ambient intelligence in manufacturing. , 2006, , 535-540.		3
6075	Genetic Selection of Aromatic Substituents for Designing Test Series. , 1996, , 243-269.		4
6076	Shape design optimization in 2D aerodynamics using Genetic Algorithms on parallel computers. , 1996, , 395-402.		3
6077	Parallel Genetic Solution for Multiobjective MDO. , 1997, , 352-359.		8
6078	Knowledgescape, an objectoriented real-time adaptive modeling and optimization expert control system for the process industries. , 2003, , 233-269.		2
6079	Population Size and Genetic Drift in Fitness Sharing. Foundations of Genetic Algorithms, 1995, 3, 185-223.	0.6	33
6080	Overcoming Fitness Barriers in Multi-Modal Search Spaces. , 2001, , 5-26.		2
6081	Analysis of recombinative algorithms on a non-separable building-block problem. , 2001, , 69-89.		25
6082	Toward Effective Polypeptide Structure Prediction with Parallel Fast Messy Genetic Algorithms. , 2003, , 137-161.		7
6084	A grouping genetic algorithm for the microcell sectorization problem. Engineering Applications of Artificial Intelligence, 2004, 17, 589-598.	8.1	2
6085	3D head model classification by evolutionary optimization of the Extended Gaussian Image representation. Pattern Recognition, 2004, 37, 2307-2322.	8.1	12
6086	Improving the computational efficiency of highway alignment optimization models through a stepwise genetic algorithms approach. Transportation Research Part B: Methodological, 2005, 39, 339-360.	5.9	14
6087	Genetic algorithms to schedule container transfers at multimodal terminals. International Transactions in Operational Research, 1999, 6, 311-329.	2.7	32
6089	The Complexity of Algorithms. , 1996, , 1-20.		2

#	ARTICLE	IF	CITATIONS
6093	Creativity as a Constrained Stochastic Process.. , 0, , 83-101.		19
6094	Loadability enhancement by optimal load dispatch in subtransmission substations: a genetic algorithm. , 2001, , .		2
6095	Minimum network wavelength requirement design using a genetic-algorithm/heuristic hybrid. Electronics Letters, 1998, 34, 388.	1.0	5
6096	Adaptive on-line co-ordination of ubiquitous computing devices with multiple objectives and constraints. , 2005, , .		3
6097	Synthesis of efficient low-order FIR filters from primitive sections. IEE Proceedings, Part G: Circuits, Devices and Systems, 1990, 137, 367.	0.2	7
6099	Spectral decomposition by genetic forward modelling. Astronomy and Astrophysics, 1998, 132, 145-153.	2.1	21
6100	Aide au paramÃ©trage d'implant cochlÃ©aire par algorithme Ã©volutionnaire. J3eA, 2004, 3, 019.	0.0	1
6102	Making invasion models useful for decision makers: incorporating uncertainty, knowledge gaps and decision-making preferences.. , 2015, , 206-222.		9
6103	Applying classifier systems to learn the reactions in mobile robots. International Journal of Systems Science, 2001, 32, 237-258.	5.5	2
6104	Discovering Complex Othello Strategies through Evolutionary Neural Networks. Connection Science, 1995, 7, 195-210.	3.0	79
6105	The Single Row Routing Problem Revisited: A Solution Based on Genetic Algorithms. VLSI Design, 2002, 14, 123-141.	0.5	2
6107	Guided local search joins the elite in discrete optimisation. DIMACS Series in Discrete Mathematics and Theoretical Computer Science, 2001, , 29-39.	0.0	6
6108	Optimal Multicast Routing Using Genetic Algorithm for WDM Optical Networks. IEICE Transactions on Communications, 2005, E88-B, 219-226.	0.7	21
6109	IMM Algorithm Using Intelligent Input Estimation for Maneuvering Target Tracking. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2005, E88-A, 1320-1327.	0.3	3
6110	An Improved Clonal Selection Algorithm and Its Application to Traveling Salesman Problems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2007, E90-A, 2930-2938.	0.3	24
6111	Self-Organizing Map Based Data Detection of Hematopoietic Tumors. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2007, E90-A, 1170-1179.	0.3	17
6112	A Fast Computational Optimization Method: Univariate Dynamic Encoding Algorithm for Searches (uDEAS). IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2007, E90-A, 1679-1689.	0.3	13
6113	Fuzzy Cellular Automata for Modeling Pattern Classifier. IEICE Transactions on Information and Systems, 2005, E88-D, 691-702.	0.7	21

#	Article	IF	Citations
6114	Feature Selection in Genetic Fuzzy Discretization for the Pattern Classification Problems. IEICE Transactions on Information and Systems, 2007, E90-D, 1047-1054.	0.7	11
6115	Optimizing complex systems. , 0, , .		1
6117	Development of a New Global Model for Estimating One-Minute Rainfall Rate. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 6462-6468.	6.3	6
6118	Exploring the Geographic Consequences of Public Policies Using Evolutionary Algorithms. Annals of the American Association of Geographers, 2004, 94, 827-847.	3.0	12
6119	Comparison of Simulated Annealing and Genetic Algorithm Approaches in Optimizing the Output of Biological Pathways. , 2006, , 285-292.		3
6120	Mixed Continuous Variable and Catalog Search Using Genetic Algorithms. , 1996, , .		6
6121	Hybrid Approach for Optimal Nesting Using a Genetic Algorithm and a Local Minimization Algorithm. , 1993, , .		23
6122	Feasibility Assessment in Preliminary Design Using Pareto Sets. , 2005, , .		8
6123	An Improved Genetic Algorithm for the Optimization of Composite Structures. , 2006, , .		4
6124	A Deterministic Lagrangian-Based Global Optimization Approach for Large Scale Decomposable Problems. , 2008, , .		5
6125	Identification of Limiting Factors for Improving Design Modularity. , 1998, , .		11
6126	Evolutionary Techniques in MEMS Synthesis. , 1998, , .		18
6127	A meta-learning system based on genetic algorithms. , 2004, , .		2
6130	Flow cytometry and cell sorting of heterogeneous microbial populations: the importance of single-cell analyses. Microbiological Reviews, 1996, 60, 641-696.	10.1	700
6131	Understanding the Impact of Boundary and Initial Condition Errors on the Solution to a Thermal Diffusivity Inverse Problem. SIAM Undergraduate Research Online, 0, 4, 156-174.	0.2	1
6132	HTGR HELIUM TURBINE CONCEPTUAL DESIGN BY GENETIC/GRADIENT OPTIMIZATION. , 2004, , .		1
6133	A FAST CALIBRATION TECHNIQUE USING A HYBRID GENETIC ALGORITHM â€" NEURAL NETWORK APPROACH: APPLICATION TO RAINFALL-RUNOFF MODELS. , 2004, , 945-952.		4
6134	COOPERATIVE PROBLEM SOLVING. , 1992, , 33-70.		54

#	ARTICLE	IF	CITATIONS
6135	EVOLUTIONARY ALGORITHMS FOR FUZZY LOGIC: A BRIEF OVERVIEW. Advances in Fuzzy Systems, 1995, , 3-10.	8.7	28
6136	Novel Strategies for Solving Highly Complex NMR Spectra of Solutes in Liquid Crystals. , 2009, , 1-35.		5
6137	Estimation-based metaheuristics for stochastic combinatorial optimization. ACM SIGEVOlution, 2010, 5, 18-19.	0.5	2
6138	An evolutionary approach to combinatorial optimization problems. , 1994, , .		67
6139	Timing influenced general-cell genetic floorplanner. , 1995, , .		1
6140	The multiple container packing problem. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 1999, 7, 22-31.	0.9	17
6142	Genetic and Evolutionary Computation for Image Processing and Analysis. , 2007, , .		25
6144	A Study on the Suitability of Genetic Algorithm for Adaptive Channel Equalization. International Journal of Electrical and Computer Engineering, 2012, 2, .	0.7	11
6145	Solving RFID mobile reader path problem with optimization algorithms. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 13, 1110.	0.8	2
6146	Locally-Adaptive and Memetic Evolutionary Pattern Search Algorithms. Evolutionary Computation, 2003, 11, 29-51.	3.0	3
6147	10.1162/15324430152733124. Applied Physics Letters, 2000, 1, .	3.3	46
6148	Artificial Life as a Tool for Biological Inquiry. Artificial Life, 1993, 1, 1-13.	1.3	30
6149	An Evolutionary Approach to Synthetic Biology: Zen and the Art of Creating Life. Artificial Life, 1993, 1, 179-209.	1.3	51
6150	The Artificial Life Roots of Artificial Intelligence. Artificial Life, 1993, 1, 75-110.	1.3	67
6151	Genetic Algorithms and Artificial Life. Artificial Life, 1994, 1, 267-289.	1.3	53
6152	Evolving 3D Morphology and Behavior by Competition. Artificial Life, 1994, 1, 353-372.	1.3	308
6153	Modeling Malaria as a Complex Adaptive System. Artificial Life, 1997, 3, 213-236.	1.3	9
6154	A New Heuristic Approach for Inverse Kinematics of Robot Arms. Advanced Science Letters, 2013, 19, 329-333.	0.2	31

#	ARTICLE	IF	CITATIONS
6155	Computational Intelligence, Bioinformatics and Computational Biology: A Brief Overview of Methods, Problems and Perspectives. Journal of Computational and Theoretical Nanoscience, 2005, 2, 473-491.	0.4	5
6156	Data-Driven Methods for the Off-Line Generation of Fuzzy Logic Based Agents for an Intelligent Building Environment. Journal of Ubiquitous Computing and Intelligence, 2007, 1, 153-162.	0.5	1
6158	Intelligent Statistical Data Mining with Information Complexity and Genetic Algorithms. , 2003, , .		15
6160	The Emergence of Computational Ecologies. , 2018, , 135-155.		8
6161	How Economists Can Get ALife. , 0, , 533-564.		27
6162	Practical Guide To Chemometrics. , 0, , .		263
6163	An Indexed Bibliography of Genetic Algorithms. , 1995, , .		29
6164	Complexity Theory in Organization Science: Seizing the Promise or Becoming a Fad?. Emergence: Complexity and Organization, 1999, 1, 5-32.	0.1	178
6165	Adaptive Quantum Control of Femtochemistry. Physica Scripta, 2004, 110, 101.	2.5	2
6166	Optimal Scheduling of the Single Line Multi-purpose Batch Process with Re-circulation Products.. Journal of Chemical Engineering of Japan, 2002, 35, 117-130.	0.6	5
6167	Global Reaction Enhancement by Periodic Operation. Kagaku Kogaku Ronbunshu, 2011, 37, 125-127.	0.3	1
6168	Uncertainty analysis for dynamic properties of MEMS resonator supported by fuzzy arithmetics. International Journal of Multiphysics, 2009, 3, 201-219.	0.1	5
6170	A Comparative Study on Bayesian Optimization Algorithm for Nutrition Problem. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 952-958.	0.3	16
6171	Application of Genetic Algorithm for Extraction of the Parameters from Powder EPR Spectra. Acta Physica Polonica A, 2005, 108, 95-102.	0.5	6
6172	Simultaneous Analysis of Several MÃ¶ssbauer Spectra. Acta Physica Polonica A, 2008, 114, 1691-1705.	0.5	1
6173	Overview of Selection Schemes In Real-Coded Genetic Algorithms and Their Applications. Journal of Industrial and Intelligent Information, 2014, 2, 71-77.	0.1	6
6174	A Genetic Algorithm Approach to the Balanced Bus Crew Rostering Problem. Journal of Traffic and Logistics Engineering, 2014, 2, 13-20.	0.3	2
6175	An Improved LEACH Multi-hop Routing Protocol Based on Genetic Algorithms for Heterogeneous Wireless Sensor Networks. Journal of Information and Computational Science, 2014, 11, 415-424.	0.1	6

#	Article	IF	Citations
6176	A Hybrid Quantum Genetic Algorithm and Local Search based DPLL for Max 3-SAT Problems. Applied Mathematics and Information Sciences, 2014, 8, 77-87.	0.5	1
6177	Application of Continuous Genetic Algorithm for Nonlinear System of Second-Order Boundary Value Problems. Applied Mathematics and Information Sciences, 2014, 8, 235-248.	0.5	26
6178	An Optimization Algorithm for Solving Systems of Singular Boundary Value Problems. Applied Mathematics and Information Sciences, 2014, 8, 2809-2821.	0.5	88
6179	STACKiNG SEQUENCE OPTiMiZATiON OF COMPOSiTE BEAMS WiTH DiFFERENT LAYER THiCKNESSES. Advances in Science and Technology Research Journal, 0, 9, 7-11.	0.8	3
6181	Optimization of Total Energy and Reduction of Computer Resources in Some Applications of the Ab-initio LMTO Package. Computational Methods in Science and Technology, 2007, 13, 13-22.	0.3	2
6182	Assembler Encoding with Evolvable Operations. Computational Methods in Science and Technology, 2015, 21, 123-139.	0.3	3
6183	Using Genetic Algorithms for Optimizing Algorithmic Control System of Biomimetic Underwater Vehicle. Computational Methods in Science and Technology, 2015, 21, 251-260.	0.3	6
6184	A Chemical System that Recognizes the Shape of a Sphere. Computational Methods in Science and Technology, 2016, 22, 167-177.	0.3	5
6185	Strength Durability-Based Design Mix of Self-Compacting Concrete with Cementitious Blend using Hybrid Neural Network-Genetic Algorithm. IPTEK Journal of Proceedings Series, 2017, 3, .	0.0	7
6186	A two-stage damage detection approach based on subset selection and genetic algorithms. Smart Structures and Systems, 2009, 5, 1-21.	1.9	46
6187	A decentralized approach to damage localization through smart wireless sensors. Smart Structures and Systems, 2009, 5, 43-54.	1.9	7
6188	The Pickup and Delivery Problem: a Many-objective Analysis. Research in Computing Science, 2015, 104, 51-60.	0.1	2
6189	An Elitism Based Genetic Algorithm for Welding Sequence Optimization to Reduce Deformation. Research in Computing Science, 2016, 121, 17-36.	0.1	8
6190	A Genetic Algorithm for Constructing Compact Binary Decision Trees. Journal of Pattern Recognition Research, 2009, 4, 1-13.	0.9	85
6191	Ecological Complexity in a Coffee Agroecosystem: Spatial Heterogeneity, Population Persistence and Biological Control. PLoS ONE, 2012, 7, e45508.	2.5	26
6192	Advances in forest fire research. , 0, , .		11
6193	Load Balancing Strategy of SDN Controller Based on Genetic Algorithm. , 2016, , .		5
6194	Detecting an ECG Arrhythmia using Cascade Architectures of Fuzzy Neural Networks. , 2017, , .		5

#	ARTICLE	IF	CITATIONS
6195	GA_J48graft DT: A Hybrid Intelligent System for Diabetes Disease Diagnosis. International Journal of Bio-Science and Bio-Technology, 2015, 7, 135-150.	0.2	17
6196	Medical Image Watermarking Schemes against Salt and Pepper Noise Attack. International Journal of Bio-Science and Bio-Technology, 2015, 7, 55-64.	0.2	2
6197	COMPARATIVE ANALYSIS OF QUALITY METRICS FOR COMMUNITY DETECTION IN SOCIAL NETWORKS USING GENETIC ALGORITHM. Neural Network World, 2016, 26, 625-641.	0.8	14
6198	Comparative Study of Typical Bionic Intelligent Optimization Algorithm. International Journal of Management Science and Engineering Research, 2015, 2, 17.	0.4	1
6199	Hybrid Genetic-simulated Annealing Algorithm for Optimal Weapon Allocation in Multilayer Defence Scenario. Defence Science Journal, 2004, 54, 395-405.	0.8	23
6200	Optimisation of an Active Suspension Force Controllerusing Genetic Algorithm for Random Input. Defence Science Journal, 2007, 57, 691-706.	0.8	7
6201	Boosting Principal Component Analysis by Genetic Algorithm. Defence Science Journal, 2010, 60, 392-398.	0.8	5
6202	Optimization using evolutionary metaheuristic techniques: a brief review. Brazilian Journal of Operations and Production Management, 2018, 15, 44-53.	1.4	5
6203	Multi-Objective Intelligent Manufacturing System for Multi Machine Scheduling. International Journal of Advanced Computer Science and Applications, 2012, 3, .	0.7	4
6204	Selection of Eigenvectors for Face Recognition. International Journal of Advanced Computer Science and Applications, 2013, 4, .	0.7	7
6205	Genetic Algorithm with Comprehensive Sequential Constructive Crossover for the Travelling Salesman Problem. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	4
6206	Genetic Algorithms for the Multiple Travelling Salesman Problem. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	11
6208	Optimal Design of Continuous Reinforced Concrete Beams using Neural Networks. Transactions on Machine Learning and Artificial Intelligence, 2015, 3, .	0.3	3
6209	Detection of the Onset of Diabetes Mellitus by Bayesian Classifier Based Medical Expert System. Transactions on Machine Learning and Artificial Intelligence, 2016, 4, .	0.3	5
6210	Enhancing the Capability of IDS using Fuzzy Rough Classifier with Genetic Search Feature Reduction. Transactions on Networks and Communications, 2014, 2, 1-13.	0.2	1
6212	Genetic-based routing algorithm with priority constraints. International Journal of Networking and Virtual Organisations, 2017, 17, 3.	0.2	2
6213	Fault Detection of Water Hydraulic Motor by Demodulated Vibration Signal Analysis with the Hilbert Transform and Genetic Algorithm. Journal of Testing and Evaluation, 2011, 39, 150-157.	0.7	5
6214	Aggregation Pheromone System: A Real-parameter Optimization Algorithm using Aggregation Pheromones as the Base Metaphor. Transactions of the Japanese Society for Artificial Intelligence, 2005, 20, 76-83.	0.1	3

#	ARTICLE	IF	CITATIONS
6215	Investigation and optimization for the dynamical behaviour of the vehicle structure. International Journal of Automotive and Mechanical Engineering, 2017, 14, 4196-4210.	0.9	9
6216	Ubicación óptima de reconectadores y fusibles en sistemas de distribución. ITECKNE Innovación E Investigación En Ingeniería, 2016, 13, 113.	0.0	4
6217	Computer Simulation of the Ontogeny of Bipedal Walking.. Anthropological Science, 1998, 106, 327-347.	0.4	14
6218	Experiments with Hybrid Genetic Algorithm for the Grey Pattern Problem. Informatica, 2006, 17, 237-258.	2.7	19
6219	Soft Computing Approaches on the Bandwidth Problem. Informatica, 2013, 24, 169-180.	2.7	11
6220	Rotation Invariant Image Matching by Using Adaptive Concentric Ring Template. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 2320-2328.	0.2	2
6221	Minimum Energy Path Search for a Manipulator in Consideration of All Non-linear Characteristics by GA and Its Experiments. IEEJ Transactions on Electronics, Information and Systems, 2005, 125, 1751-1757.	0.2	2
6222	Applications of Evolutionary Technology to Manufacturing and Logistics Systems: State-of-the Art Survey. IEEJ Transactions on Electronics, Information and Systems, 2008, 128, 346-351.	0.2	2
6223	Real Time Updating Genetic Network Programming for Adapting to the Change of Stock Prices. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 344-354.	0.2	10
6224	Time Related Class Association Rule Mining and Its Application to Traffic Prediction. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 289-301.	0.2	13
6225	3-SAT Using Island-based Genetic Algorithm. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 1694-1698.	0.2	8
6226	An Evolutionary Optimization based on the Immune System and its Application to the VLSI Floorplan Design Problem. IEEJ Transactions on Electronics, Information and Systems, 1997, 117, 821-828.	0.2	13
6227	High-speed image matching using partial template extracted by genetic algorithm. IEEJ Transactions on Industry Applications, 2001, 121, 604-611.	0.2	2
6228	A Two-Layered Neighborhood Tabu Search Based Method for Distribution Network Expansion Planning with DG. IEEJ Transactions on Power and Energy, 2003, 123, 1142-1148.	0.2	11
6229	Braking Resistor Switching By Genetic Algorithm Optimized Fuzzy Logic Controller In Multi-Machine Power System.. IEEJ Transactions on Power and Energy, 2003, 123, 315-323.	0.2	7
6230	A Genetic Algorithm Approach for Modeling a Grounding Electrode. IEEJ Transactions on Power and Energy, 2005, 125, 816-821.	0.2	5
6231	Probabilistic Reliability Evaluation with Multi-objective Meta-heuristics in Consideration of Solution Diversity. IEEJ Transactions on Power and Energy, 2012, 132, 125-132.	0.2	4
6232	Dispersive Flies Optimisation. , 0, , .		24

#	Article	IF	Citations
6233	InterCriteria Analysis of Multi-population Genetic Algorithms Performance. , 0, , .		2
6234	Modeling genetic algorithms with interacting particle systems. Revista De MatemÃ¡tica: TeorÃa Y Aplicaciones, 2001, 8, 19-77.	0.1	10
6235	The impact of genetic algorithm parameters on the optimization of hydro-thermal coordination. Pollack Periodica, 2016, 11, 113-123.	0.4	9
6236	EXAM TIMETABLING PROBLEM USING GENETIC ALGORITHM. International Journal of Research in Engineering and Technology, 2014, 03, 649-654.	0.1	10
6237	The Use of Evolutionary Algorithms for Optimization in the Modern Entrepreneurial Economy: Interdisciplinary Perspective. Entrepreneurial Business and Economics Review, 2019, 7, 117-130.	2.2	15
6239	Disassembly Line Scheduling with Genetic Algorithms. International Journal of Computers, Communications and Control, 2014, 3, 270.	1.8	8
6240	Genetic Algorithm for Fuzzy Neural Networks using Locally Crossover. International Journal of Computers, Communications and Control, 2014, 6, 8.	1.8	7
6241	Local Search with Probabilistic Modeling for Learning Multiple-Valued Logic Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2011, E94-A, 795-805.	0.3	7
6242	Reinforcement Learning: A Survey. Journal of Artificial Intelligence Research, 0, 4, 237-285.	7.0	5,055
6243	Connectionist Theory Refinement: Genetically Searching the Space of Network Topologies. Journal of Artificial Intelligence Research, 0, 6, 177-209.	7.0	45
6244	A Feature Subset Selection Algorithm Automatic Recommendation Method. Journal of Artificial Intelligence Research, 0, 47, 1-34.	7.0	50
6245	The Ariadne's Clew Algorithm. Journal of Artificial Intelligence Research, 0, 9, 295-316.	7.0	80
6246	Evolutionary Algorithms for Reinforcement Learning. Journal of Artificial Intelligence Research, 0, 11, 241-276.	7.0	195
6247	Efficient Heuristic Hypothesis Ranking. Journal of Artificial Intelligence Research, 0, 10, 375-397.	7.0	3
6248	On the Use of Inverse Methods to Parameter Estimation in Turbulent Pipe Flows of Drag Reducing Polymers. Nihon Reoroji Gakkaishi, 2008, 36, 241-251.	1.0	1
6249	A Genetic Algorithm Metaheuristic For The Weapon-Target Based Media Allocation Problem. Alphanumeric Journal, 2015, 3, .	0.7	1
6250	Optimizing the Cross Section of Cold-Rolled Steel Beams Using a Genetic Algorithm: Avoiding Local Optima Using Adaptive Mutation Control, Flexible Restriction Handling and Inbreed Avoiding Mating Strategies. Trends in Computer Science and Information Technology, 2016, 1, 001-011.	0.4	2
6251	Application of artificial neural network for prediction of retention time for some pesticides in liquid chromatography. Indian Journal of Science and Technology, 2012, 5, 1-8.	0.7	4

#	ARTICLE	IF	CITATIONS
6252	Entropy Generation Minimization of Pin Fin Heat Sinks by Means of Metaheuristic Methods. Indian Journal of Science and Technology, 2013, 6, 1-8.	0.7	7
6253	Application of Multi-Core Parallel Programming to a Combination of Ant Colony Optimization and Genetic Algorithm. Indian Journal of Science and Technology, 2015, 8, 138.	0.7	5
6254	TopicSearch - Personalized Web Clustering Engine Using Semantic Query Expansion, Memetic Algorithms and Intelligent Agents. Polibits, 0, 47, 31-45.	0.0	5
6255	Comparing the Black Hole and the Soccer League Competition Algorithms Solving the Set Covering Problem. Polibits, 0, 57, 5-17.	0.0	2
6256	Machine Vision Optimization using Nature-Inspired Algorithms to Model Sunagoke Moss Water Status. International Journal on Advanced Science, Engineering and Information Technology, 2016, 6, 45.	0.4	11
6257	K-means-Clustering Based Evolutionary Algorithm for Multi-objective Resource Allocation Problems. Applied Mathematics and Information Sciences, 2017, 11, 1681-1692.	0.5	18
6258	Optimization of Project Scheduling Activities in Dynamic CPM and PERT Networks Using Genetic Algorithms. Journal of Natural and Applied Sciences, 2018, 22, 615.	0.4	10
6259	Coordinated Tuning of a Group of Static Var Compensators Using Multi-Objective Genetic Algorithm. CLEI Electronic Journal, 2011, 14, .	0.3	1
6260	Mistuning Effects Evaluation on Turbomachine Dynamic Behaviour using Genetic Algorithms. International Journal of Acoustics and Vibrations, 2011, 16, .	0.3	1
6268	SUPPORT OF SEARCHING FOR SOLUTIONS BY AUTOMATED STRUCTURAL OPTIMIZATION. , 0, , .		3
6269	Reverse Engineering Financial Markets with Majority and Minority Games Using Genetic Algorithms. SSRN Electronic Journal, 0, , .	0.4	2
6270	When Pavarotti Meets Harry Potter at the Super Bowl. SSRN Electronic Journal, 0, , .	0.4	5
6271	An Illustration of the Essential Difference between Individual and Social Learning, and its Consequences for Computational Analyses. SSRN Electronic Journal, 0, , .	0.4	8
6272	Economic Generation Scheduling Using Genetic Algorithm. SSRN Electronic Journal, 0, , .	0.4	2
6273	Hedge Fund Allocation with Survival Uncertainty and Investment Constraints. SSRN Electronic Journal, 0, , .	0.4	8
6274	A Probabilistic One-Step Approach to the Optimal Product Line Design Problem Using Conjoint and Cost Data. SSRN Electronic Journal, 0, , .	0.4	12
6275	The Santa Fe Artificial Stock Market Re-Examined - Suggested Corrections. SSRN Electronic Journal, 0, , .	0.4	10
6276	Learning Dynamics and Nonlinear Misspecification in an Artificial Financial Market. SSRN Electronic Journal, 0, , .	0.4	3

#	ARTICLE	IF	CITATIONS
6277	The Multifactor Nature of the Volatility of the Eurodollar Futures Market. SSRN Electronic Journal, 0, , .	0.4	1
6278	On Estimation of the Parameters of Gielis Superformula from Empirical Data. SSRN Electronic Journal, 0, , .	0.4	6
6279	Some Experiments on Fitting of Gielis Curves by Simulated Annealing and Particle Swarm Methods of Global Optimization. SSRN Electronic Journal, 0, , .	0.4	4
6280	Learning Optimal Seller Strategies with Intelligent Agents: Application of Evolutionary and Reinforcement Learning. SSRN Electronic Journal, 0, , .	0.4	1
6281	Do Moving Average Rules Make Profits? A Study Using the Madrid Stock Market. SSRN Electronic Journal, 0, , .	0.4	1
6282	The Evolution of Metanorms: Reproduction, Extension, and Insight. SSRN Electronic Journal, 0, , .	0.4	1
6283	Nonlinear Independent Component Analysis: Theoretical Review And Applications. Learning and Nonlinear Models, 2007, 5, 99-120.	0.2	2
6284	Concept Learning By Human Tutelage For Social Robots. Learning and Nonlinear Models, 2008, 6, 44-67.	0.2	6
6285	An idea of continuous thermographic monitoring of machinery. , 2008, , .		12
6290	An Evolutionary Approach for Structure-based Design of Natural and Non-natural Peptidic Ligands. Combinatorial Chemistry and High Throughput Screening, 2001, 4, 661-673.	1.1	14
6291	Applied Computational Techniques on Schizophrenia Using Genetic Mutations. Current Topics in Medicinal Chemistry, 2013, 13, 675-684.	2.1	3
6292	Evolutionary Computation and QSAR Research. Current Computer-Aided Drug Design, 2013, 9, 206-225.	1.2	28
6293	Variable selection with genetic algorithm and multivariate adaptive regression splines in the presence of multicollinearity. International Journal of Advanced and Applied Sciences, 2016, 3, 26-31.	0.4	3
6294	Feedback linearization control of quadrotor with tiltable rotors under wind gusts. International Journal of Advanced and Applied Sciences, 2017, 4, 150-159.	0.4	12
6296	Combining Artificial Intelligence and Advanced Techniques in Fault-Tolerant Control. Journal of Applied Research and Technology, 2011, 9, .	0.9	12
6297	Crustal structure of south-central Mexico estimated from the inversion of surface-wave dispersion curves using genetic and simulated annealing algorithms. Geofisica International, 2001, 40, 181-190.	0.2	27
6298	Path Planning of Cooperative Construction Manipulators Using Genetic Algorithms. , 2000, , .		5
6299	Smart GA-Based Cost-Scheduling Model for Resource-Constrained Projects. , 2005, , .		1

#	Article	IF	Citations
6300	Effect of Cross Over Operator in Genetic Algorithms on Anticipatory Scheduling. , 2007, , .		3
6301	Using Genetic Algorithms to Estimate the Scour Depth around the Bridge Pier. , 2011, , .		4
6302	Jit Scheduling Problem on Flexible Flow Shop with Machine Break Down, Machine Eligibility and Setup Times. Journal of Mathematics and Computer Science, 2016, 16, 50-68.	1.0	3
6303	COMBINING ARTIFICIAL NEURAL NETWORK- GENETIC ALGORITHM AND RESPONSE SURFACE METHOD TO PREDICT WASTE GENERATION AND OPTIMIZE COST OF SOLID WASTE COLLECTION AND TRANSPORTATION PROCESS IN LANGKAWI ISLAND, MALAYSIA. Malaysian Journal of Science, 2014, 33, 118-140.	0.3	10
6304	A Genetic Algorithm:Neural Network Wrapper Approach for Bundle Branch Block Detection. , 0, , .		5
6305	Computational intelligence based simultaneous determination of the spatial profile of the laser beam and vibrational-to-translational relaxation time by pulsed photoacoustics. Facta Universitatis - Series Physics Chemistry and Technology, 2012, 10, 1-12.	0.5	1
6306	Prediction of the GC-MS retention time for terpenoids detected in sage (Salvia officinalis L.) essential oil using QSRR approach. Journal of the Serbian Chemical Society, 2020, 85, 9-23.	0.8	2
6307	Chemical structure and antifungal activity of mint essential oil components. Journal of the Serbian Chemical Society, 2020, 85, 1149-1161.	0.8	5
6308	A combined compact genetic algorithm and local search method for optimizing the ARMA(1,1) model of a likelihood estimator. ScienceAsia, 2014, 40S, 78.	0.5	3
6309	LS-optimal fuzzy modelling and its application to pneumatic drives. , 1997, , .		2
6310	GARA: A genetic algorithm with resolution adaptation for solving system identification problems. , 2001, , .		5
6311	Nonlinear model predictive control using automatic differentiation. , 2003, , .		13
6312	Fault locations in transmission systems by evolutionary algorithms. Renewable Energy and Power Quality Journal, 2009, 1, 303-308.	0.2	2
6313	Energy saving policy in water distribution networks. Renewable Energy and Power Quality Journal, 2009, 1, 733-738.	0.2	17
6314	Optimal Placement and Sizing of DG for Loss Recuction, Voltage Profile Improvement and Voltage Sag Mitigation. Renewable Energy and Power Quality Journal, 2010, 1, 1175-1179.	0.2	8
6315	Chaotic Vibrating Particles System for Resource-Constrained Project Scheduling Problem. Scientia Iranica, 2019, .	0.4	2
6317	MultiObjective Genetic Modified Algorithm (MOGMA). Cybernetics and Information Technologies, 2012, 12, 23-33.	1.1	2
6318	Distance Based Energy Optimization through Improved Fitness Function of Genetic Algorithm in Wireless Sensor Network. Studies in Informatics and Control, 2018, 27, .	1.2	6

#	Article	IF	Citations
6319	Hybridisation of process-based ecosystem models with evolutionary algorithms: multi-objective optimisation of process and parameter representations of the lake simulation library SALMO-OO. WIT Transactions on State-of-the-art in Science and Engineering, 2009, , 169-185.	0.0	4
6320	Searching for improvement. WIT Transactions on State-of-the-art in Science and Engineering, 2006, , 345-379.	0.0	2
6321	ALFa â€" a software tool for optimal scheduling of demand oriented train services. WIT Transactions on the Built Environment, 2006, , .	0.0	1
6322	The safety/security/communication wireless lan of the underground gran sasso mountain national laboratories of the italian institute of nuclear physics. International Journal of Safety and Security Engineering, 2012, 2, 209-226.	1.0	8
6323	Optimization of low-enthalpy geothermal heating schemes by means of genetic algorithms. International Journal of Sustainable Development and Planning, 2007, 1, 429-442.	0.7	1
6324	Improving Learning-from-Crowds through Expert Validation. , 2017, , .		14
6325	Supply Chain Analysis Using Simulation, Gaussian Process Modelling and Optimisation. International Journal of Simulation Modelling, 2013, 12, 178-189.	1.3	28
6326	Optimal Tolerance Allocation in a Complex Assembly Using Evolutionary Algorithms. International Journal of Simulation Modelling, 2016, 15, 121-132.	1.3	11
6327	Hybrid Genetic Algorithm and Simulated Annealing for Function Optimization. Journal of Information Technology and Computer Science, 2017, 1, 82.	0.2	4
6328	Complex system design task sequencing for cost and time considerations. , 1996, , .		5
6330	A Decision and Control System Mimicking a Skilled Grower's Thinking Process for Dynamic Optimization of the Storage Environment. Seibutsu Kankyo Chosetsu [Environment Control in Biology, 2003, 41, 221-234.	0.2	4
6331	Finding People with Emotional Distress in Online Social Media: A Design Combining Machine Learning and Rule-Based Classification. MIS Quarterly: Management Information Systems, 2020, 44, 933-955.	4.2	46
6332	Study on a Liner Shipping Network Design Considering Empty Container Reposition. Journal of the Japan Society of Naval Architects and Ocean Engineers, 2011, 13, 175-182.	0.2	3
6333	Optimal Design of Reinforced Concrete Frames Considering Seismic Provisions Using Genetic Algorithms with Modified Leader Reproduction. IABSE Symposium Report, 2009, , .	0.0	1
6334	Development of The New Regression Analysis Method Using Independent Component Analysis and Genetic Algorithm. Journal of Computer Aided Chemistry, 2007, 8, 41-49.	0.3	1
6335	Some Measures Relating Partitions Useful for Computational Intelligence. International Journal of Computational Intelligence Systems, 2008, 1, 1.	2.7	8
6336	Use of computational intelligence for the prediction of vacancy migration energies in atomistic kinetic monte carlo simulations. International Journal of Computational Intelligence Systems, 2008, 1, 340.	2.7	6
6337	On the Application of Evolutionary Computation Techniques in Designing Stream Cipher Systems. International Journal of Computational Intelligence Systems, 2011, 4, 921.	2.7	2

#	ARTICLE	IF	CITATIONS
6338	Two-dimentional Encoding Schema and Genetic Operators. , 0, , .		5
6339	Artificial Neural Networks for Radiation Dose Prediction in Nuclear Emergencies-Preliminary Investigations. , 2016, , .		3
6340	Study of practical effectiveness for machine translation using recursive chain-link-type learning. , 2002, , .		8
6341	Learning to tell tales. , 2009, , .		57
6342	Machine translation method using inductive learning with genetic algorithms. , 1996, , .		8
6343	Detecting Causally Embedded Structures Using an Evolutionary Algorithm. , 2015, , .		1
6346	Optimizing Location and Relocation of Response Units in Guarding Critical Facilities. Transportation Research Record, 2005, 1923, 127-136.	1.9	14
6347	Methodology for Performance Optimization of Ramp Control Strategies Through Microsimulation. Transportation Research Record, 2005, 1925, 87-98.	1.9	10
6348	Lagrangian Relaxation Heuristic for Selecting Interdependent Transportation Projects Under Cost Uncertainty. Transportation Research Record, 2005, 1931, 74-80.	1.9	4
6349	Calibration of Distributions of Commercial Motor Vehicles in CORSIM. Transportation Research Record, 2005, 1934, 246-255.	1.9	9
6350	Exploring the Relationship Between Data Aggregation and Predictability to Provide Better Predictive Traffic Information. Transportation Research Record, 2005, 1935, 28-36.	1.9	13
6351	Selectorecombinative Genetic Algorithm to Relax Computational Complexity of Discrete Network Design Problem. Transportation Research Record, 2006, 1964, 91-103.	1.9	16
6352	Investigating Pavement Cracking: Evolutionary Modular Neural Network Approach. Transportation Research Record, 2006, 1970, 207-214.	1.9	2
6353	Selection and Scheduling of Interdependent Transportation Projects with Island Models. Transportation Research Record, 2006, 1981, 133-141.	1.9	7
6354	Les systÃ¨mes de classeurs. Revue D'Intelligence Artificielle, 2007, 21, 75-106.	0.6	5
6356	Niche Genetic Algorithm for Solving Multiplicity Problems in Genetic Association Studies. Intelligent Automation and Soft Computing, 2020, 26, 501-512.	2.1	4
6357	Subgroup Discovery with Evolutionary Fuzzy Systems in R: The SDEFSR Package. R Journal, 2016, 8, 307.	1.8	4
6358	Consumo e consumatori di prodotti alimentari nella societÃ postmoderna. Economia Agro-Alimentare, 2015, , 59-80.	0.5	13

#	Article	IF	Citations
6359	PERFORMANCE COMPARISON OF PID TUNING BY USING ZIEGLER-NICHOLS AND PARTICLE SWARM OPTIMIZATION APPROACHES IN A WATER CONTROL SYSTEM. Journal of Information and Communication Technology, 2016, 15, 203-244.	0.4	7
6360	A Response Surface Modelling Approach for Resonance Driven Reliability Based Optimization of Composite Shells. Periodica Polytechnica: Civil Engineering, 2016, 60, 103-111.	0.6	47
6361	A Quantitative Comparison of Loading Pattern Optimization Methods for In-Core Fuel Management of PWR.. Journal of Nuclear Science and Technology, 1997, 34, 339-347.	1.3	11
6362	Layout Optimization of Sewer Networks by Adaptive Genetic Algorithmin A Hybrid Model. Journal of Engineering and Applied Sciences, 2019, 14, 9467-9476.	0.2	1
6363	Optimization of Wind Turbine Pitch Controller by Neural Network Model Based on Latin Hypercube. Transactions of the Korean Society of Mechanical Engineers, A, 2012, 36, 1065-1071.	0.2	5
6364	Automated Road Extraction from Satellite Imagery Using Hybrid Genetic Algorithms and Cluster Analysis. Journal of Environmental Informatics, 2003, 1, 40-47.	6.0	25
6365	GHHAGA for Environmental Systems Optimization. Journal of Environmental Informatics, 2005, 5, 36-41.	6.0	26
6366	Benchmark Tests of Evolutionary Algorithms: Mathematic Evaluation and Application to Water Distribution Systems. Journal of Environmental Informatics, 2006, 7, 24-35.	6.0	15
6367	Particle Swarm Optimization Compared to Other Heuristic Search Techniques for Pipe Sizing. Journal of Environmental Informatics, 2006, 8, 1-9.	6.0	18
6368	GA-based Feed-forward Self-organizing Neural Network Architecture and Its Applications for Multi-variable Nonlinear Process Systems. KSII Transactions on Internet and Information Systems, 2009, 3, 309-330.	0.3	13
6369	Estimation of the COCOMO Model Parameters Using Genetic Algorithms for NASA Software Projects. Journal of Computer Science, 2006, 2, 118-123.	0.6	103
6370	Non-dominated Sorting Genetic Algorithms for Heterogeneous Embedded System Design. Journal of Computer Science, 2006, 2, 288-291.	0.6	2
6372	A priority-based genetic algorithm for a flexible job shop scheduling problem. Journal of Industrial and Management Optimization, 2016, 12, 1391-1415.	1.3	11
6373	Global Optimization Based on Sparse Grid Surrogate Models for Black-box Expensive Functions. , 2014, , .		2
6375	Solving Two Multi-Objective Optimization Problems Using Evolutionary Algorithm. , 2003, , 218-233.		5
6376	From Biologically Inspired Computing to Natural Computing. , 2005, , 1-8.		11
6377	Gene Expression Programming and the Evolution of Computer Programs. , 2005, , 82-103.		27
6378	Stochastic Approximation Monte Carlo for MLP Learning. , 2009, , 1482-1489.		3

#	ARTICLE	IF	CITATIONS
6379	A Complex Non-Contact Bio-Instrumental System. , 2008, , 251-260.		3
6380	Artificial Intelligence Techniques for Modern Energy Applications. , 2010, , 1-39.		5
6381	Electric Machines Excitation Control via Higher Order Neural Networks. , 0, , 366-396.		4
6384	Application of Genetic Algorithm and Back Propagation Neural Network for Effective Personalize Web Search-Based on Clustered Query Sessions. International Journal of Applied Evolutionary Computation, 2016, 7, 33-49.	1.0	5
6385	Progressive-Stepping-Based Non-Dominated Sorting Genetic Algorithm for Multi-Objective Optimization. International Journal of Applied Evolutionary Computation, 2016, 7, 17-49.	1.0	2
6386	Neural Network (NN) Based Route Weight Computation for Bi-Directional Traffic Management System. International Journal of Applied Evolutionary Computation, 2016, 7, 45-59.	1.0	14
6387	New Evolutionary Algorithm Based on 2-Opt Local Search to Solve the Vehicle Routing Problem with Private Fleet and Common Carrier. International Journal of Applied Metaheuristic Computing, 2011, 2, 58-82.	0.7	5
6388	Nephron Algorithm Optimization. International Journal of Applied Metaheuristic Computing, 2016, 7, 38-64.	0.7	3
6389	Toward Efficient Segmentation of Brain Tumors Based on Support Vector Machine Classifier Through Optimized RBF Kernel Parameters and Optimal Texture Features. International Journal of Cognitive Informatics and Natural Intelligence, 2014, 8, 15-33.	0.4	4
6390	Constructing Structural Equation Model Rule-Based Fuzzy System with Genetic Algorithm. International Journal of Strategic Decision Sciences, 2016, 7, 69-88.	0.0	3
6391	Real time gesture recognition using continuous time recurrent neural networks. , 2007, , .		43
6392	Multi-agent evolutionary systems for the generation of complex virtual worlds. EAI Endorsed Transactions on Creative Technologies, 2015, 2, 150099.	1.2	4
6393	Improving Hash-Based Wyner-Ziv Video Coding Using Genetic Algorithms. , 2009, , .		5
6394	Optimal stereo camera placement under spatially varying resolution requirements. , 2009, , .		2
6395	Metaheuristics: A global view. Inteligencia Artificial, 2003, 7, .	0.8	9
6396	Genetic Algorithms for Satellite Launcher Attitude Controller Design. Inteligencia Artificial, 2019, 22, 150-161.	0.8	3
6397	Self-Organization, Complexity Catastrophe, and Microstate Models at the Edge of Chaos. , 1999, , 279-308.		31
6398	An Improved Hybrid Algorithm Based on PSO and BP for Feedforward Neural Networks. International Journal of Digital Content Technology and Its Applications, 2011, 5, 106-115.	0.1	10

#	ARTICLE	IF	CITATIONS
6399	The Optimized Evaluation Model of Atmosphere Quality based on Improved Hybrid Accelerating Genetic Algorithm. International Journal of Digital Content Technology and Its Applications, 2011, 5, 267-274.	0.1	4
6400	A QSRR Study of Liquid Chromatography Retention Time of Pesticides using Linear and Nonlinear Chemometric Models. Journal of Chromatography & Separation Techniques, 2012, 03, .	0.2	7
6401	Purposeful Model Parameters Genesis in Multi-population Genetic Algorithm. Global Journal of Technology and Optimization, 2014, 05, .	0.2	4
6402	Design Tools That Learn: A Possible CAD Future. , 0, , .		7
6403	Topological Optimization of an Aircraft Engine Mount via Bit-masking Oriented Genetic Algorithms. , 0, , .		1
6404	Evolutionary Computation in Civil Engineering: Research Frontiers. Computational Science, Engineering and Technology Series, 0, , 161-184.	0.2	13
6405	A Derivative-Free Optimization Algorithm Using Sparse Grid Integration. American Journal of Computational Mathematics, 2013, 03, 16-26.	0.5	4
6406	On the Use of Landsat-5 TM Satellite for Assimilating Water Temperature Observations in 3D Hydrodynamic Model of Small Inland Reservoir in Midwestern US. Advances in Remote Sensing, 2013, 02, 214-227.	0.9	7
6407	Particle Swarm Optimization (PSO) Based Turbine Control. Intelligent Control and Automation, 2013, 04, 126-137.	0.8	18
6408	Optimization of QoS Parameters in Cognitive Radio Using Combination of Two Crossover Methods in Genetic Algorithm. International Journal of Communications, Network and System Sciences, 2013, 06, 478-483.	0.6	3
6409	Application of the Adaptive Neuro-Fuzzy Inference System for Optimal Design of Reinforced Concrete Beams. Journal of Intelligent Learning Systems and Applications, 2014, 06, 162-175.	0.5	2
6410	Evaluation of Stiffened End-Plate Moment Connection through Optimized Artificial Neural Network. Journal of Software Engineering and Applications, 2012, 05, 156-167.	1.1	9
6411	Evaluation of Driver Distraction with Changes in Gaze Direction Based on a Vestibulo-Ocular Reflex Model. Journal of Transportation Technologies, 2017, 07, 336-350.	0.5	4
6412	Evolving fuzzy systems. Scholarpedia Journal, 2008, 3, 6274.	0.3	9
6413	Differential Evolution in Discrete Optimization. International Journal of Swarm Intelligence and Evolutionsary Computation, 2012, 1, 1-10.	0.4	7
6414	Evolutionary Approach for Efficient Resource Allocation in Multi-User OFDM Systems. Journal of Communications, 2007, 2, .	1.6	10
6415	A Robust Archived Differential Evolution Algorithm for Global Optimization Problems. Journal of Computers, 2009, 4, .	0.4	7
6416	A Robust and Efficient Evolutionary Algorithm based on Probabilistic Model. Journal of Computers, 2014, 9, .	0.4	1

#	ARTICLE	IF	CITATIONS
6417	Genetic Algorithm for Hierarchical Wireless Sensor Networks. Journal of Networks, 2007, 2, .	0.4	104
6418	Maximizing Read Accuracy by Using Genetic Algorithms to Locate RFID Reader Antennas at the Portals. Journal of Software, 2010, 5, .	0.6	6
6420	Genetic Fuzzy Systems: Status, Critical Considerations and Future Directions. International Journal of Computational Intelligence Research, 2005, 1, .	0.3	96
6421	A Dynamic Distributed Double Guided Genetic Algorithm for Optimization and Constraint Reasoning. International Journal of Computational Intelligence Research, 2006, 2, .	0.3	26
6422	An Ensemble of Cooperative Genetic Algorithms as an Intelligent Search Tool. International Journal of Computational Intelligence Research, 2007, 3, .	0.3	1
6423	Stochastic Search Algorithms for Exam Scheduling. International Journal of Computational Intelligence Research, 2007, 3, .	0.3	2
6425	A Comparative Study of Three Intelligent Techniques for Malaria in Africa Continent. International Journal of Computer Applications, 2013, 67, 1-5.	0.2	1
6426	Decision Support System for Cotton Bales Blending Using Genetic Algorithm. International Journal of Computer Applications, 2010, 8, 28-34.	0.2	6
6427	Solving Vehicle Routing Problem with Proposed Non- Dominated Sorting Genetic Algorithm and Comparison with Classical Evolutionary Algorithms. International Journal of Computer Applications, 2013, 69, 34-41.	0.2	11
6428	Analysis of Reliability and Cost Tradeoffs in Architecture based Software Applications using a Genetic Algorithm. International Journal of Computer Applications, 2013, 72, 33-37.	0.2	1
6429	An Evolutionary Approach for Solving the N-Jobs M-Machines Permutation Flow-Shop Scheduling Problem with Break-Down Times. International Journal of Computer Applications, 2013, 83, 1-6.	0.2	2
6430	Stochastic Analysis of DSS Queries for a Distributed Database Design. International Journal of Computer Applications, 2013, 83, 36-42.	0.2	4
6431	Genetic Algorithm for Constrained Optimization with Stepwise Approach in Search Interval Selection of Variables. International Journal of Computer Applications, 2014, 87, 43-52.	0.2	3
6432	Empirical Analysis and Random Respectful Recombination of Crossover and Mutation in Genetic Algorithms. International Journal of Computer Applications, 2010, ecot, 25-30.	0.2	3
6433	Multiple Imputation of Missing Data with Genetic Algorithm based Techniques. International Journal of Computer Applications, 2010, ecot, 74-78.	0.2	11
6434	Improved Onlooker Bee Phase in Artificial Bee Colony Algorithm. International Journal of Computer Applications, 2014, 90, 20-25.	0.2	10
6435	Automatic Generation of Data Flow Test Paths using a Genetic Algorithm. International Journal of Computer Applications, 2014, 89, 29-36.	0.2	16
6436	Optimizing the Multilayer Feed-Forward Artificial Neural Networks Architecture and Training Parameters using Genetic Algorithm. International Journal of Computer Applications, 2014, 96, 42-48.	0.2	12

#	ARTICLE	IF	CITATIONS
6437	Feature Subset Selection Problem using Wrapper Approach in Supervised Learning. International Journal of Computer Applications, 2010, 1, 13-17.	0.2	86
6438	Nature-Inspired Algorithms: State-of-Art, Problems and Prospects. International Journal of Computer Applications, 2014, 100, 14-21.	0.2	41
6439	Shortest Path Computation in Large Graphs using Bidirectional Strategy and Genetic Algorithms. International Journal of Computer Applications, 2015, 109, 27-30.	0.2	2
6440	A Genetic Approach to Standard Cell placement using Various Genetic Operators. International Journal of Computer Applications, 2010, 1, 81-83.	0.2	2
6441	Automatic Data Flow Test Paths Generation using the Genetical Swarm Optimization Technique. International Journal of Computer Applications, 2015, 116, 25-33.	0.2	12
6442	A Comparative Study on Optimal Conductor Selection for Radial Distribution Network using Conventional and Genetic Algorithm Approach. International Journal of Computer Applications, 2011, 17, 6-13.	0.2	9
6443	A Hybrid Genetic Algorithm Approach to a Departmental Class Timetabling Problem Using Efficient Data Structures. International Journal of Computer Applications, 2010, 1, 117-121.	0.2	3
6444	Automatic Brain Tumor Detection and Isolation of Tumor Cells from MRI Images. International Journal of Computer Applications, 2012, 39, 26-30.	0.2	14
6445	Effect of Annealing Selection Operators in Genetic Algorithms on Benchmark Test Functions. International Journal of Computer Applications, 2012, 40, 38-46.	0.2	2
6446	Combining Akaikeâ€™s Information Criterion (AIC) and the Golden-Section Search Technique to find Optimal Numbers of K-Nearest Neighbors. International Journal of Computer Applications, 2010, 2, 80-87.	0.2	6
6447	New Approach to Bankruptcy Prediction using Genetic Algorithm. International Journal of Computer Applications, 2012, 44, 34-38.	0.2	3
6448	Efficiency Optimization of Induction Motor Drive Using Soft Computing Techniques. International Journal of Computer Applications, 2010, 3, 6-12.	0.2	16
6449	Optimal Solution of Combined Economic Emission Load Dispatch using Genetic Algorithm. International Journal of Computer Applications, 2012, 48, 15-20.	0.2	6
6450	A Genetic Algorithm based Fuzzy C Mean Clustering Model for Segmenting Microarray Images. International Journal of Computer Applications, 2012, 52, 42-48.	0.2	10
6451	Energy Efficient Data Aggregation using Voronoi based Genetic Clustering Algorithm in WSN. International Journal of Computer Applications, 2012, 54, 37-41.	0.2	3
6452	A Two Phase Algorithm for Fuzzy Time Series Forecasting using Genetic Algorithm and Particle Swarm Optimization Techniques. International Journal of Computer Applications, 2012, 55, 34-40.	0.2	1
6453	Probabilistic Electrical Power Generation Modeling Using Genetic Algorithm. International Journal of Computer Applications, 2010, 5, 1-6.	0.2	3
6454	A Feature Subset Selection Method based on Symmetric Uncertainty and Ant Colony Optimization. International Journal of Computer Applications, 2012, 60, 5-10.	0.2	7

#	ARTICLE	IF	CITATIONS
6455	A Novel Hybrid Multi–objective BB–BC based Channel Allocation Algorithm to Reduce FWM Crosstalk and its Comparative Study. International Journal of Computer Applications, 2015, 124, 38-45.	0.2	2
6456	An Improved Feature Selection and Classification using Decision Tree for Crop Datasets. International Journal of Computer Applications, 2016, 142, 5-8.	0.2	5
6457	Training Recurrent Neural Networks by a Hybrid PSO-Cuckoo Search Algorithm for Problems Optimization. International Journal of Computer Applications, 2017, 159, 32-38.	0.2	4
6458	Intelligent Intrusion Detection in Computer Networks using Swarm Intelligence. International Journal of Computer Applications, 2018, 179, 1-9.	0.2	2
6459	Supervised Feature Selection for Diagnosis of Coronary Artery Disease Based on Genetic Algorithm. , 2013, , .		17
6460	Stable Drug Designing by Minimizing Drug Protein Interaction Energy Using PSO. , 2015, , .		1
6461	Mining Frequent Itemsets Using Genetic Algorithm. International Journal of Artificial Intelligence & Applications, 2010, 1, 133-143.	0.5	36
6462	A Survey on Optimization Approaches to Text Document Clustering. International Journal on Computational Science & Applications, 2013, 3, 31-44.	0.4	9
6463	Solving an Aggregate Production Planning Problem by Fuzzy Based Genetic Algorithm (FBGA) Approach. International Journal of Fuzzy Logic Systems, 2013, 3, 1-16.	0.2	8
6464	Elite-initial population for efficient topology optimization using multi-objective genetic algorithms. International Journal of Aeronautical and Space Sciences, 2013, 14, 324-333.	2.0	4
6465	FREE SHAPE CONTEXT DESCRIPTORS OPTIMIZED WITH GENETIC ALGORITHM FOR THE DETECTION OF DEAD TREE TRUNKS IN ALS POINT CLOUDS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-3/W5, 41-48.	0.0	8
6466	WEB FORM PAGE IN MOBILE DEVICES - Optimization of Layout with a Simple Genetic Algorithm. , 2009, , .		3
6467	Ephemeral Computing and Bioinspired Optimization - Challenges and Opportunities. , 2015, , .		14
6468	Model-Based Interpretation of 3D Medical Images. , 1993, , .		62
6469	Using Voxel Similarity as a Measure of Medical Image Registration. , 1994, , .		4
6470	Optimization of Fuzzy Set-Fuzzy Systems based on IG by Means of GAs with Successive Tuning Method. Journal of Electrical Engineering and Technology, 2008, 3, 101-107.	2.0	11
6471	Multiobjective Optimal Reactive Power Flow Using Elitist Nondominated Sorting Genetic Algorithm: Comparison and Improvement. Journal of Electrical Engineering and Technology, 2010, 5, 70-78.	2.0	14
6472	Development of a New Personal Magnetic Field Exposure Estimation Method for Use in Epidemiological EMF Surveys among Children under 17 Years of Age. Journal of Electrical Engineering and Technology, 2012, 7, 376-383.	2.0	6

#	ARTICLE	IF	CITATIONS
6473	Design and Scrutiny of Maiden PSS for Alleviation of Power System Oscillations Using RCGA and PSO Techniques. Journal of Electrical Engineering and Technology, 2013, 8, 402-410.	2.0	12
6474	A Study of population Initialization Method to improve a Genetic Algorithm on the Weapon Target Allocation problem. Journal of Korean Institute of Intelligent Systems, 2012, 22, 540-548.	0.1	1
6475	Some Computational Insights on the Optimal Bus Transit Route Network Design Problem. Journal of the Transportation Research Forum, 2011, 47, .	0.2	3
6476	FUZZY SUPPORT VECTOR REGRESSION MODEL FOR THE CALCULATION OF THE COLLAPSE MOMENT FOR WALL-THINNED PIPES. Nuclear Engineering and Technology, 2008, 40, 607-614.	2.3	5
6477	DIAMETRAL CREEP PREDICTION OF THE PRESSURE TUBES IN CANDU REACTORS USING A BUNDLE POSITION-WISE LINEAR MODEL. Nuclear Engineering and Technology, 2011, 43, 301-308.	2.3	6
6487	MRF-based image segmentation using Ant Colony System. Electronic Letters on Computer Vision and Image Analysis, 2003, 2, 12.	0.6	32
6488	Optimal Thrust Allocation for Dynamic Positioning of Deep-sea Working Vessel. Journal of Advanced Research in Ocean Engineering, 2015, 1, 94-105.	0.0	1
6489	Advances in ecological modelling of soil properties by self-organizing feature maps of natural environment of Lower Silesia (Poland). Acta Societatis Botanicorum Poloniae, 2011, 78, 167-174.	0.8	8
6490	Performance Analysis of Genetic Zone Routing Protocol Combined With Vertical Handover Algorithm for 3G-WiFi Offload. Journal of ICT Research and Applications, 2014, 8, 49-63.	0.8	9
6491	Generation of Pareto Optimal Solutions Using Expected Improvement and Generalized Data Envelopment Analysis. Transactions of the Institute of Systems Control and Information Engineers, 2012, 25, 189-195.	0.1	1
6492	Autonomous Evolutionary Algorithm. , 0, , .		1
6493	Tracing Engineering Evolution with Evolutionary Algorithms. , 0, , .		1
6494	Assessment of Various Methods in Solving Inverse Heat Conduction Problems. , 0, , .		2
6495	An Integration of Design and Production for Woven Fabrics Using Genetic Algorithm. , 0, , .		2
6496	Tabu Search and Hybrid Genetic Algorithms for Quadratic Assignment Problems. , 0, , .		6
6497	Pareto Optimum Design of Robust Controllers for Systems with Parametric Uncertainties. , 0, , .		5
6498	FPBIL: A Parameter-free Evolutionary Algorithm. , 0, , .		1
6499	Water distribution systems design optimisation using metaheuristics and hyperheuristics. ORiON, 2012, 27, .	0.3	7

#	ARTICLE	IF	CITATIONS
6500	A genetic algorithm selection perturbative hyper-heuristic for solving the school timetabling problem. ORiON, 2015, 31, 39.	0.3	21
6501	Design and Application of A New Hybrid Heuristic Algorithm for Flow Shop Scheduling. International Journal of Computer Network and Information Security, 2011, 3, 41-49.	1.9	6
6502	A Genetic Algorithm Inspired Load Balancing Protocol for Congestion Control in Wireless Sensor Networks using Trust Based Routing Framework (GACCTR). International Journal of Computer Network and Information Security, 2013, 5, 9-20.	1.9	11
6503	A Fully Adaptive and Hybrid Method for Image Segmentation Using Multilevel Thresholding. International Journal of Image Graphics and Signal Processing, 2013, 5, 46-57.	1.2	11
6504	Agent-based Models in Synthetic Biology: Tools for Simulation and Prospects. International Journal of Intelligent Systems and Applications, 2012, 4, 58-65.	1.1	5
6505	Handling Fuzzy Image Clustering with a Modified ABC Algorithm. International Journal of Intelligent Systems and Applications, 2012, 4, 65-74.	1.1	18
6506	GA_MLP NN: A Hybrid Intelligent System for Diabetes Disease Diagnosis. International Journal of Intelligent Systems and Applications, 2016, 8, 49-59.	1.1	33
6507	Development and Performance Evaluation of Adaptive Hybrid Higher Order Neural Networks for Exchange Rate Prediction. International Journal of Intelligent Systems and Applications, 2017, 9, 71-85.	1.1	16
6508	Solving School Bus Routing Problem using Genetic Algorithm-based Model. International Journal of Intelligent Systems and Applications, 2018, 10, 50-58.	1.1	6
6509	Basis Path Based Test Suite Minimization Using Genetic Algorithm. International Journal of Intelligent Systems and Applications, 2018, 10, 36-49.	1.1	3
6510	Feature Selection based on Hybrid Binary Cuckoo Search and Rough Set Theory in Classification for Nominal Datasets. International Journal of Information Technology and Computer Science, 2017, 9, 63-72.	1.0	10
6511	The Power of Anonymization and Sensitive Knowledge Hiding Using Sanitization Approach. International Journal of Modern Education and Computer Science, 2018, 10, 26-32.	2.7	6
6512	An Efficient Genetic Algorithm for Numerical Function Optimization with Two New Crossover Operators. International Journal of Mathematical Sciences and Computing, 2018, 4, 41-55.	0.7	8
6513	PARETO OPTIMIZATION OF A TWO-DEGREE OF FREEDOM PASSIVE LINEAR SUSPENSION USING A NEW MULTI-OBJECTIVE GENETIC ALGORITHM. International Journal of Engineering, Transactions B: Applications, 2011, , .	0.7	4
6514	Multi-objective Optimization of Hybrid Carbon/Glass Fiber Reinforced Epoxy Composite Automotive Drive Shaft. International Journal of Engineering, Transactions B: Applications, 2015, 28, .	0.7	5
6515	Data mining: concepts and techniques. Choice Reviews, 2012, 49, 49-3305-49-3305.	0.2	6,008
6516	Metaheuristics for scheduling on parallel machine to minimize weighted number of early and tardy jobs. International Journal of Physical Sciences, 2012, 7, .	0.4	6
6517	Nonlinear system identification using clustering algorithm and particle swarm optimization. Scientific Research and Essays, 2012, 7, .	0.4	6

#	ARTICLE	IF	CITATIONS
6518	Load Balancing in Computational Grid Using Genetic Algorithm. Advances in Computing, 2012, 1, 8-17.	0.7	21
6519	A new multi-particle collision algorithm for optimization in a high performance environment. Journal of Computational Interdisciplinary Sciences, 2008, 1, .	0.3	23
6522	Flow Shop Scheduling Using Enhanced Differential Evolution Algorithm. , 2007, , .		8
6523	An Improved Genetic Approach to Optimal Supplier Selection and Order Allocation with Customer Flexibility for Multi-Product Manufacturing. Industrial Engineering and Management Systems, 2012, 11, 155-164.	0.4	2
6524	Generation of Business Process Reference Model Considering Multiple Objectives. Industrial Engineering and Management Systems, 2012, 11, 233-240.	0.4	4
6526	Computational complexity and influence of numerical precision on the results of intercriteria analysis in the decision making process. Notes on Intuitionistic Fuzzy Sets, 2018, 24, 53-63.	0.5	12
6527	Two Self-Adaptive Crossover Operators for Genetic Programming. , 1996, , .		23
6528	Natural Hand Gestures Recognition System for Intelligent HCI: A Survey. International Journal of Computer Applications Technology and Research, 2013, 3, 10-19.	0.1	5
6529	A Document Retrieval System with Combination Terms Using Genetic Algorithm. International Journal of Computer and Electrical Engineering, 0, , 1-6.	0.2	13
6530	Review on Applicability of Genetic Algorithm to Web Search. International Journal of Computer Theory and Engineering, 2009, , 450-455.	3.4	4
6531	QoS Constraints Multicast Routing for Residual Bandwidth Optimization using Evolutionary Algorithm. International Journal of Computer Theory and Engineering, 2011, , 211-216.	3.4	4
6532	Optimal Placement of Unified Power Flow Controller for Minimization of Power Transmission Line Losses. International Journal of Computer Theory and Engineering, 2014, 6, 377-381.	3.4	1
6533	A Genetic Algorithm-Based Approach for Energy- Efficient Clustering of Wireless Sensor Networks. International Journal of Information and Electronics Engineering, 2012, , .	0.2	10
6534	Many-to-Many Warship Combat Tactics Generation Methodology Using the Evolutionary Simulation. Journal of the Korea Society for Simulation, 2011, 20, 79-88.	0.0	3
6535	Utilization of Genetic Algorithm to Optimize Biogas Production from Livestock Waste to Use in a CHP Plant in Agricultural Farms. British Biotechnology Journal, 2014, 4, 1149-1164.	0.4	3
6536	Generation of a Set of Pareto-Optimal Solutions by Genetic Algorithms. Transactions of the Society of Instrument and Control Engineers, 1995, 31, 1185-1192.	0.2	21
6537	PI Stabilization for Congestion Control of AQM Routers with Tuning Parameter Optimization. International Journal of Interactive Multimedia and Artificial Intelligence, 2016, 4, 52.	1.3	12
6538	An Enhanced Area Reduction Technique for Integrated Circuit using Genetic Algorithm. IOSR Journal of Computer Engineering, 2014, 16, 14-19.	0.1	3

#	ARTICLE	IF	CITATIONS
6539	Optimal Capacitor Placement Techniques in Transmission and Distribution Networks to Reduce Line Losses and Voltage Stability Enhancement: A Review. IOSR Journal of Electrical and Electronics Engineering, 2012, 3, 01-08.	0.0	8
6540	Classification of Power Quality Disturbances in Electric Power System: A Review. IOSR Journal of Electrical and Electronics Engineering, 2012, 3, 06-14.	0.0	9
6541	Low Power Realization of FIR Filters Using Optimization Techniques. IOSR Journal of Engineering, 2012, 02, 12-18.	0.1	1
6542	Manifolds of low energy structures for a magic number of hydrated sulfate: $SO_4^{2-}(H_2O)_{24}$. Physical Chemistry Chemical Physics, 2021, 23, 24428-24438.	2.8	0
6543	Demo: Resource Allocation for Wafer-Scale Deep Learning Accelerator. , 2021, , .		0
6544	On the Application of Soft Computing Techniques for Energy Efficiency in WSN. , 2021, , .		0
6545	A hybrid immune genetic algorithm with tabu search for minimizing the tool switch times in CNC milling batch-processing. Applied Intelligence, 2022, 52, 7793-7807.	5.3	6
6546	Application of Genetic Algorithm (GA) in Medical Science: A Review. Advances in Intelligent Systems and Computing, 2022, , 83-94.	0.6	2
6548	PROJETO OTIMIZADO DE PÃ"RTICOS ESPACIAIS DE CONCRETO ARMADO. , 2021, 7, .		0
6549	Preliminary Study of End-Effector Compliance for Reducing Insertion Force in Automated Fluid Coupling for Trains. Journal of Integrated Design and Process Science, 2021, , 1-23.	0.5	1
6550	Optimization of laser processing parameters through automated data acquisition and artificial neural networks. Journal of Laser Applications, 2021, 33, 042025.	1.7	1
6551	Genetic algorithms for optimizing perspective air traffic information displays. , 2000, , .		0
6552	A VLSI Channel Routing Method Using Genetic Algorithm Based on the Coexistence of Heterogeneous Populations. IEEJ Transactions on Electronics, Information and Systems, 2000, 120, 1615-1621.	0.2	0
6556	Learning of Virtual Dealers in an Artificial Market: Comparison with Interview Data. Lecture Notes in Computer Science, 2000, , 511-516.	1.3	3
6557	Non-Fuzzy Knowledge-Rule-Based Controllers and their Optimisation by Means of Genetic Algorithms. , 2000, , 213-221.		0
6558	Comparative Performance Study of Several Computer-aided Diagnosis Schemes for Automated Classification of Cardiomyopathy from Echocardiographic Images. Japanese Journal of Radiological Technology, 2000, 56, 411-417.	0.1	0
6559	Genetic-Algorithm-Based Analysis of the Magnetic Microstructure of Media.. Journal of the Magnetics Society of Japan, 2000, 24, 303-306.	0.4	1
6560	Extraction of Information of Driving-State from a Gas Sensor Response by Genetic Algorithm. IEEJ Transactions on Sensors and Micromachines, 2000, 120, 533-542.	0.1	0

#	ARTICLE	IF	CITATIONS
6561	Parallel multigrid solution and optimization in compressible flow simulation and design. , 2000, , 3-15.		0
6562	Intensive Knowledge-Based Enterprise Modelling. , 2000, , 103-123.		0
6564	Dynamic Structuring of Intelligent Computer Control Systems. , 2000, , 535-557.		0
6565	Adaptive Agents and Artificial Life: Insights for the Power Industry. , 2000, , 571-592.		1
6566	Reducing Time of Evolutionary Computation using Fitness Estimation. IEEJ Transactions on Electronics, Information and Systems, 2000, 120, 123-129.	0.2	4
6568	Hierarchical Fuzzy Logic Control. Advances in Fuzzy Systems, 2000, , 119-130.	8.7	4
6570	Automated Design of Wastewater Collection Systems Using Genetic Algorithms. , 2000, , .		0
6571	Fuzzy Inductive Reasoning and Nonlinear Dependence in Security Returns: Results from an Artificial Stock Market Environment. SSRN Electronic Journal, 0, , .	0.4	0
6572	Evolving Heterogeneous Neural Agents by Local Selection. , 2001, , 337-366.		4
6573	Modeling Nonlinear Systems by a Fuzzy Logic Neural Network Using Genetic Algorithms. Acta Polytechnica, 2001, 41, .	0.6	0
6574	Genetic Implementation of a Classifier Based on Data Separation by Means of Hyperspheres. , 2001, , 284-287.		0
6575	Evolutionary and Neural Synthesis of Intelligent Agents. , 2001, , 1-28.		2
6576	Improved AntNet routing. , 2001, , .		8
6577	Optimization of mating design via genetic algorithms. Journal of Animal Genetics, 2001, 29, 21-28.	0.1	0
6578	2-D Artificial Cellular Neural Network and its application to chase game. IEEJ Transactions on Electronics, Information and Systems, 2001, 121, 1071-1079.	0.2	0
6579	Pose recognition of gray-scaled template image using genetic algorithm. IEEJ Transactions on Electronics, Information and Systems, 2001, 121, 1500-1507.	0.2	3
6580	Visualization of a Parallel Genetic Algorithm in Real Time. Lecture Notes in Computer Science, 2001, , 335-346.	1.3	0
6581	Local Contrast Enhancement by Optimizing Image Separation Using Genetic Algorithm. IEEJ Transactions on Electronics, Information and Systems, 2001, 121, 1508-1515.	0.2	2

#	ARTICLE	IF	CITATIONS
6582	Nonlinear Modeling of Structure-Activity Data by Combining Genetic Algorithms and Counter Propagation Neural Networks. Journal of Computer Aided Chemistry, 2001, 2, 11-20.	0.3	1
6583	Development of Station Shunting Scheduling Algorithm. Quarterly Report of RTRI (Railway Technical) Tj ETQq1 1 0.784314 rgBT /Overlo	0.4	0
6584	Brain-like Functions in Evolving Connectionist Systems for On-line, Knowledge-Based Learning. Fuzzy Logic Systems Institute, 2001, , 77-113.	0.1	3
6585	Optimization of Vehicle Driveline Vibrations Using Genetic Algorithm (GA). , 0, , .		5
6586	ANTI-OPTIMIZATION PROBLEMS ARISING IN OPTIMIZATION OF STRUCTURAL STEELWORK. International Conference on Aerospace Sciences and Aviation Technology, 2001, 9, 1-25.	0.0	0
6588	Application of a Genetic Algorithm for Segmentation of a Ship Hull for FF-TLOM and for 3-Axis Milling. , 2001, , .		0
6589	POLYGONAL APPROXIMATION OF PLANAR DIGITAL CURVES USING ANT SYSTEM. , 2001, , .		0
6590	Using Genetic Algorithms With Niche Formation to Solve the Minimum Distance Problem Among Concave Objects. , 2002, , .		1
6591	Physical topology design. , 2002, , 185-247.		0
6592	The Sound Gallery—An Interactive A-Life Artwork. , 2002, , 223-V.		1
6593	New Stage of CFD Application : Numerical Optimization. Journal of the Society of Mechanical Engineers, 2002, 105, 64-69.	0.0	2
6594	A Method of Solving Flowshop Problem Using Hill-Climbing Learning Method. IEEJ Transactions on Electronics, Information and Systems, 2002, 122, 1837-1845.	0.2	1
6595	Evolving Integrated Controllers for Autonomous Learning Robots using Dynamic Neural Networks. , 2002, , 282-291.		1
6597	On the Origins and Evolution of Music in Virtual Worlds. , 2002, , 189-204.		2
6599	Dual Individual Distributed Genetic Algorithm. Transactions of the Society of Instrument and Control Engineers, 2002, 38, 990-995.	0.2	4
6601	Genetic Image Interpretation1. , 2002, , 639-659.		0
6602	Distributed Logic Processors in Process Identification. , 2002, , 1457-1495.		0
6603	General Optimiser for Continuous Inverse Analysis. , 2002, , 281-290.		0

#	ARTICLE	IF	CITATIONS
6604	Automatic Logic Circuit Synthesis Using Genetic Algorithm Based on the Coexistence of Heterogeneous Populations. IEEJ Transactions on Electronics, Information and Systems, 2002, 122, 270-276.	0.2	0
6605	Task Allocation in Heterogeneous Computing Environment by Genetic Algorithm. Lecture Notes in Computer Science, 2002, , 348-352.	1.3	2
6606	Genetic Spot Optimization for Peak Power Estimation in Large VLSI Circuits. VLSI Design, 2002, 15, 407-416.	0.5	1
6607	TCS; Time-dependent Classifier System for solving perceptual aliasing problems. IEEJ Transactions on Electronics, Information and Systems, 2002, 122, 1218-1225.	0.2	0
6608	GA Based Industrial Actuator Design for Optimum Control of Vibration in Flexible Structures. , 2002, , 267-276.		0
6609	Evolution of a Circuit of Spiking Neurons for Phototaxis in a Braitenberg Vehicle. , 2002, , 335-344.		1
6610	Evolutionary Timetabling Using Biased Genetic Operators. Journal of Computing and Information Technology, 2003, 11, 193.	0.3	1
6611	Some Learning Methods of Cooperative Behaviors for a Group of Mobile Agents that Capture Fleeing Targets.. IEEJ Transactions on Electronics, Information and Systems, 2003, 123, 421-429.	0.2	0
6613	Automatic Adjustments of a Michelson Interferometer Using Genetic Algorithms.. IEEJ Transactions on Electronics, Information and Systems, 2003, 123, 150-158.	0.2	0
6614	Transform to Contrast Improved Image from Scene Image Shot by Portable Camera Using Genetic Algorithm. IEEJ Transactions on Electronics, Information and Systems, 2003, 123, 1264-1270.	0.2	0
6615	Increasing Robustness of Binary-coded Genetic Algorithm. IEEJ Transactions on Electronics, Information and Systems, 2003, 123, 1625-1630.	0.2	0
6616	Distributed Genetic Algorithm with Centralized Multiple Crossovers Applied to Traveling Salesman Problems. Transactions of the Institute of Systems Control and Information Engineers, 2003, 16, 607-615.	0.1	1
6617	Adaptive Contrast Improvement for Color Image Using Genetic Algorithm. IEEJ Transactions on Electronics, Information and Systems, 2003, 123, 1065-1071.	0.2	0
6619	Determining Genome Sequences from Experimental Data Using Evolutionary Computation. , 2003, , 41-58.		0
6620	A Bayesian Optimisation Algorithm for the Nurse Scheduling Problem. SSRN Electronic Journal, 0, , .	0.4	3
6621	Taming a Flood with a T-CUP â€" Designing Flood-Control Structures with a Genetic Algorithm. Lecture Notes in Computer Science, 2003, , 2424-2425.	1.3	1
6622	Modeling and Simulation of Autonomous Robot Search Teams. Systems Analysis Modelling Simulation, 2003, 42, 1739-1761.	0.1	0
6623	High-speed Two-Dimensional Pose Recognition for Industrial Components by Optimizing Selection of Edge Pixels. IEEJ Transactions on Industry Applications, 2003, 123, 1498-1506.	0.2	0

#	ARTICLE	IF	CITATIONS
6624	Architecture for High Speed Evolutionary Computation. IEEJ Transactions on Electronics, Information and Systems, 2003, 123, 723-733.	0.2	0
6625	A Study of the Similarity between Immune Algorithms and Genetic Algorithms from the Viewpoint of Optimization Methods.. IEEJ Transactions on Electronics, Information and Systems, 2003, 123, 576-584.	0.2	3
6626	Dynamic Optimizations of Cultivation and Fruit-Storage Processes Using a Speaking Plant-based Intelligent Control Technique. Seibutsu Kankyo Chosetsu [Environment Control in Biology, 2003, 41, 193-210.	0.2	2
6627	Mass Simulations Based Design Approach and its Environment. , 2003, , 499-506.		3
6628	DÃ©veloppement formel d'un vÃ©rifieur embarquÃ© de byte-code Java. Techniques Et Sciences Informatiques, 2003, 22, 33-60.	0.0	0
6629	Coordination spatiale Ã©mergente par champs de potentie. Techniques Et Sciences Informatiques, 2003, 22, 171-195.	0.0	2
6630	Thinned-Nonuniformly Spaced Arrays. International Conference on Aerospace Sciences and Aviation Technology, 2003, 10, 1-11.	0.0	0
6631	Parameter Analysis and Optimization of Electrolytic In-Process Dressing Grinding on Ceramics. Journal of Marine Science and Technology, 2003, 11, .	0.3	2
6632	ARTIFICIAL INTELLIGENCE METHODS USED IN THE INVESTIGATION OF POLYMERS PROPERTIES. , 2003, , .		0
6633	Magnetic field reduction by means of active shielding techniques. WIT Transactions on Biomedicine and Health, 2003, , .	0.0	4
6634	Utilizing Different Levels of Adaptation in Individual-Based Modeling. , 2003, , 527-542.		0
6636	Software engineering for neural dynamics simulations: a case study. , 2004, , .		0
6637	Non-linear Two-Point Boundary Value Problem Obtaining the Expansion Coefficients by the Dynamic GA and Its Application. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 2179-2186.	0.2	2
6638	Comparing Learning Classifier System and Reinforcement Learning with Function Approximation. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 2034-2039.	0.2	1
6639	Approximation of a Discrete Event Stochastic Simulation Using an Evolutionary Artificial Neural Network. Journal of King Abdulaziz University-Engineering Sciences, 2004, 15, 125-138.	0.0	6
6640	On the Genetic Algorithm-Based Analysis of Marine Transportation Network. Journal of the Society of Naval Architects of Japan, 2004, 2004, 71-78.	0.2	0
6641	BASC, a Bottom-up Approach to Automated Design of Spatial Coordination. , 2004, , 435-444.		2
6642	Solving Transshipment Problem using EAs: How Good are the Solutions?. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 1964-1971.	0.2	0

#	ARTICLE	IF	CITATIONS
6643	Suboptimal Design of An Augmented Automatic Choosing Control with Constrained Input by Using Hamiltonian and GA. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 1841-1846.	0.2	0
6645	A Philosophical Essay on Life and Its Connections with Genetic Algorithms. Lecture Notes in Computer Science, 2004, , 410-411.	1.3	0
6646	Application of genetic optimization algorithm to the crane problem in the shipbuilding industry. Journal of the Society of Naval Architects of Japan, 2004, 2004, 1-7.	0.2	0
6647	Optimization and Knowledge Discovery to the Design Problem of Fuel Injector in the Supersonic Combustor. Journal of the Japan Society for Aeronautical and Space Sciences, 2004, 52, 371-376.	0.1	0
6648	Improved Genetic Algorithm Based on the Cooperation of Elite and Inverse-elite. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 883-889.	0.2	0
6649	Robust Pole Placement Controller Design for Flexible Transmission System. Control and Intelligent Systems, 2004, 32, .	0.3	1
6650	Study on Human Recognition by Ear Image Based on Genetic Local Search. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 1267-1273.	0.2	4
6651	A Tutorial on Meta-Heuristics for Optimization. , 2004, , 97-132.		5
6655	Configuração de redes do tipo hub-and-spoke para o transporte rodoviário de carga parcelada no Brasil utilizando algoritmos genéticos. Transportes, 2004, 12, .	0.2	3
6656	A PARALLEL GENETIC ALGORITHM FOR CLUSTERING. Advances in Natural Computation, 2004, , 41-60.	0.1	1
6657	SURVEILLANCE TESTS OPTIMIZATION OF A PWR AUXILIARY FEEDWATER SYSTEM BY CONSTRAINED GENETIC PROGRAMMING. , 2004, , .		0
6658	USING EDGE HISTOGRAM MODELS TO SOLVE FLOW SHOP SCHEDULING PROBLEMS WITH PROBABILISTIC MODEL-BUILDING GENETIC ALGORITHMS. Advances in Natural Computation, 2004, , 230-249.	0.1	8
6660	MULTI-OBJECTIVE SPECTROSCOPIC DATA ANALYSIS OF INERTIAL CONFINEMENT FUSION IMPLOSION CORES: PLASMA GRADIENT DETERMINATION. Advances in Natural Computation, 2004, , 341-364.	0.1	2
6661	An evolutionary algorithm for the optimization of the distributed generation dispatch. , 2005, , .		3
6662	Electromagnetic design optimization of a disk permanent magnet microgenerator. , 2005, , .		0
6663	An Adaptive Approach to 'Stock Portfolio Optimizations with Genetic Algorithms'. SSRN Electronic Journal, 0, , .	0.4	0
6664	Determination of mineral composition of reservoir rocks by expert system and genetic algorithm. , 2005, , .		0
6665	Creativity in science: chance, logic, genius, and zeitgeist. Choice Reviews, 2005, 42, 42-2773-42-2773.	0.2	67

#	ARTICLE	IF	CITATIONS
6666	Aberrations of a Master-Oscillator-Power-Amplifier Laser with Adaptive Optics Correction. Springer Proceedings in Physics, 2005, , 250-259.	0.2	1
6667	Adapting Biological Principles for Deployment in Computational Science. , 2005, , 17-26.		0
6668	Synthesis of Structural Symmetry Driven by Cost Savings. , 2005, , .		0
6669	Validity of the Consensus Building System using a Parallel Distributed Interactive Genetic Algorithm. Transactions of the Japanese Society for Artificial Intelligence, 2005, 20, 289-296.	0.1	6
6670	Consideration on Islands' Distance Strategy in a Genetic Local Search based on One-dimensional Torus Type Island Model. IEEJ Transactions on Electronics, Information and Systems, 2005, 125, 84-92.	0.2	2
6671	Architecture for High Speed Learning of Neural Network using Genetic Algorithm. IEEJ Transactions on Electronics, Information and Systems, 2005, 125, 732-741.	0.2	0
6672	Design Optimization by Integration of Evolutionary Search and Cumulative Approximation. , 2005, , .		0
6673	Identification of chlorophyll molecules in peripheral light harvesting complex LHC II. Lithuanian Journal of Physics, 2005, 45, 307-315.	0.4	0
6675	Aprendizagem cooperativa e o problema de formação de grupos. Renote, 2005, 3, .	0.1	1
6676	GENETIC ALGORITHMS FOR DESIGN OF PIPE NETWORK SYSTEMS. Journal of Marine Science and Technology, 2005, 13, .	0.3	4
6677	Searching and mining the web for personalized and specialized information. ACM SIGIR Forum, 2005, 39, 57-57.	0.5	1
6678	Stochastic-Lagrangian Model (SLAM) for NAPL Remediation. , 2005, , .		0
6679	Genetic Design Method for Near-Optimal Training Sequences in Wideband Spatial Multiplexing Systems. IEICE Transactions on Communications, 2005, E88-B, 3488-3492.	0.7	0
6680	UMTS network planning using genetic algorithms. WIT Transactions on Biomedicine and Health, 2005, , .	0.0	3
6681	NON-PARAMETRIC PIXEL APPEARANCE PROBABILITY MODEL USING GRID QUANTIZATION FOR LOCAL IMAGE INFORMATION REPRESENTATION. , 2005, , 297-329.		0
6683	Evolutionary Segmentation of Texture Image Using Perturbation Optimization. IEEJ Transactions on Electronics, Information and Systems, 2006, 126, 513-518.	0.2	0
6684	Optimal Template Image Registration for Alignment of Printed Circuit Board. IEEJ Transactions on Industry Applications, 2006, 126, 1079-1085.	0.2	0
6686	MRF Model-Based Approach for Image Segmentation Using a Chaotic MultiAgent System. Lecture Notes in Computer Science, 2006, , 344-353.	1.3	1

#	ARTICLE	IF	CITATIONS
6687	Handbook of Constraint Programming. Foundations of Artificial Intelligence, 2006, , .	0.9	154
6688	Division of labour and social co-ordination modes: a simple simulation model. , 2006, , 45-59.		1
6689	A Comparative Study on Fitting of Gielis Curves by Classical versus Generalized Simulated Annealing Methods. SSRN Electronic Journal, 0, , .	0.4	1
6691	Seismostratigraphic Inversion â€" Appraisal, Ambiguity and Uncertainty. , 2006, , .		0
6695	GACS : une approche ascendante pour la coordination spatiale. Revue D'Intelligence Artificielle, 2006, 20, 7-30.	0.6	1
6696	TESTING OF CROSSOVER OPERATORS FOR THE GREY PATTERN PROBLEM. Technological and Economic Development of Economy, 2006, 12, 37-43.	4.6	1
6698	On The Implementation Of A Transient Model For An Intelligent Target Motion Analysis System. , 2006, , .		0
6699	Artificial Evolution Based Autonomous Robot Navigation. World Scientific Series in Robotics and Intelligent Systems, 2006, , 1-32.	0.1	0
6700	Evolutionary Optimisation of Mechanical Structures or Systems. , 0, , .		0
6701	Control and Scheduling Software for Flexible Manufacturing Cells. , 0, , .		3
6703	PC Cluster based Parallel Adaptive Evolutionary Algorithm for Service Restoration of Distribution Systems. Journal of Electrical Engineering and Technology, 2006, 1, 435-447.	2.0	0
6704	A Novel 20G Wide-Band Synthesis Methodology for CMOS Spiral Inductors using Neural Network and Genetic Algorithm. , 2007, , .		0
6705	A Linguistic Decision Model for Promotion Mix Management Based on Genetic Algorithms. , 2007, , .		0
6706	A Novel Broadband Quasi-fractal Binary Tree Dipole. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2007, 3, 21-24.	0.4	4
6707	Optical Proximity Correction using an Optimization Method after Layout Design. IEEJ Transactions on Electronics, Information and Systems, 2007, 127, 1-9.	0.2	0
6709	STRUCTURAL MORPHOGENESIS BY THE GENETIC ALGORITHMS CONSIDERING DIVERSITY OF SOLUTION. Journal of Structural and Construction Engineering, 2007, 72, 35-43.	0.5	2
6710	Enabling Interoperability of Heterogeneous ad hoc Networks. The IMA Volumes in Mathematics and Its Applications, 2007, , 221-235.	0.5	0
6711	Inducing combinatory categorial grammars with genetic algorithms. , 2007, , .		1

#	Article	IF	Citations
6712	Optimization of Neuro-Fuzzy System. ITB Journal of Information and Communication Technology, 2007, 1, 56-69.	0.2	1
6713	Fuzzy Logic Classifiers and Models in Quantitative Software Engineering. , 2007, , 148-167.		1
6714	Extracting Linguistic Rules from Database using Linguistic Aggregation Operator. , 2007, , .		0
6715	Maximizing Correlation in the Presence of Missing Data. SSRN Electronic Journal, 0, , .	0.4	0
6716	Integration of Artificial Market Simulation and Text Mining for Market Analysis. Transactions of the Japanese Society for Artificial Intelligence, 2007, 22, 397-404.	0.1	0
6717	Comparison of Parametric, Semi-Parametric and Non-Parametric Methods in Bankruptcy Prediction. SSRN Electronic Journal, 0, , .	0.4	0
6718	DEVELOPMENT, IMPLEMENTATION AND PERFORMANCE ANALYSIS OF INTELLIGENT CONTROLLERS FOR IPM SYNCHRONOUS MOTOR DRIVE SYSTEMS. Control and Intelligent Systems, 2007, 35, .	0.3	0
6719	RELATION DIAGRAM BASED PROCESS OPTIMIZATION OF PRODUCTION PREPARATION PROCESS FOR OVERSEA FACTORY. , 2007, , 287-292.		1
6720	Immune Genetic Algorithm for the Fixed Charge Transportation Problem. , 2007, , .		0
6721	A New Approach to Solve Flowshop Scheduling Problems By Artificial Immune Systems. DoÄŸuÅŸ Ãœniversitesi Dergisi, 2007, 1, 12-27.	0.2	3
6722	ROBUST CONTROL OF INTERVAL PLANTS USING GENETIC ALGORITHMS. Control and Intelligent Systems, 2007, 35, .	0.3	1
6723	Social Learning and Monetary Policy Rules. SSRN Electronic Journal, 0, , .	0.4	5
6724	Evolution, optimization, and language change. , 2007, , .		3
6725	MULTI-OBJECTIVE EVOLUTIONARY APPROACH TO AB INITIO PROTEIN TERTIARY STRUCTURE PREDICTION. , 2007, , .		1
6726	Time Varying Sensitivities on a GRID architecture. , 2007, , .		0
6727	A Network Analysis of Genetic Algorithms. IEICE Transactions on Information and Systems, 2007, E90-D, 1002-1005.	0.7	0
6728	Simulation-Optimization In Geographic Maintenance Scheduling. , 2007, , .		4
6729	Fuzzy artmap and neural network approach to online processing of inputs with missing values. SAIEE Africa Research Journal, 2007, 98, 45-51.	1.2	11

#	ARTICLE	IF	CITATIONS
6730	Genetic Algorithms in a dynamically changing environment. WIT Transactions on Information and Communication Technologies, 2007, , .	0.0	0
6731	Expression Quantitative Trait Locus (eQTL) Mapping. , 2007, , 397-431.		0
6732	GENETIC ALGORITHM VERSUS PARTICLE SWARM OPTIMIZATION IN N-QUEEN PROBLEM. Journal of Al-Nahrain University-Science, 2007, 10, 172-177.	0.1	1
6733	A GENETIC ALGORITHM FOR LEARNING IMAGE BLUR AND SHARPEN FILTERS. Journal of Al-Nahrain University-Science, 2007, 10, 168-171.	0.1	0
6734	Hybrid Search Heuristics to Schedule Bottleneck Facility in Manufacturing Systems. , 0, , .		0
6735	Event-driven Hybrid Classifier Systems and Online Learning for Soccer Game Strategies. , 0, , .		0
6736	Differential Meta-model and Particle Swarm Optimization. , 0, , .		0
6737	An Implementation of an Initial Scale in Solving Binary Knapsack Problem Using a Genetic Algorithm. AL-Rafidain Journal of Computer Sciences and Mathematics, 2007, 4, 43-57.	0.3	0
6738	Electronics, Information and Systems Society. Journal of the Institute of Electrical Engineers of Japan, 2008, 128, 358-363.	0.0	0
6739	A Novel Selection Circuit Based on Rough Comparison Method for Genetic Algorithms Hardware. IEEJ Transactions on Electronics, Information and Systems, 2008, 128, 352-362.	0.2	1
6740	A NEW FRAMEWORK FOR REAL-TIME ADAPTIVE FUZZY MONITORING AND CONTROL FOR HUMANS UNDER PSYCHOPHYSIOLOGICAL STRESS. , 2008, , .		1
6741	An Optimal Control of Heat Stress Application for Fruit Quality Improvement during Storage. Shokubutsu Kankyo Kogaku, 2008, 20, 219-227.	0.1	0
6742	AN EFFICIENT INFORMATION EXCHANGE STRATEGY IN A DISTRIBUTED COMPUTING SYSTEM - Application to the CARP. , 2008, , .		0
6743	GENETIC ALGORITHMS FOR A SINGLE-TRACK VEHICLE AUTONOMOUS PILOT. Control and Intelligent Systems, 2008, 36, .	0.3	1
6744	Model-based Optimal Design of Land Use Arrangement for Environmentally Sound Watershed Management. Journal of Rainwater Catchment Systems, 2008, 13, 29-33.	0.2	0
6745	Simulating Sequential Search Models with Genetic Algorithms: Analysis of Price Ceilings, Taxes, Advertising and Welfare. SSRN Electronic Journal, 0, , .	0.4	0
6746	Algoritmo Multirecombinativo para la Planificación Dinámica del Mantenimiento de Locaciones Petroleras. Informacion Tecnologica (discontinued), 2008, 19, .	0.3	1
6747	A GENETIC ALGORITHM APPLIED TO THE POWER SYSTEM RESTORATION PLANNING PROBLEM - A Metaheuristic Approach for a Large Combinatorial Problem. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
6748	An accelerating technique for population based algorithms. , 2008, , .		1
6749	Worst-Case Tolerance Analysis for a Power Electronic System by a Modified Relay-Search Genetic Algorithm. IEEJ Transactions on Industry Applications, 2008, 128, 117-124.	0.2	0
6750	Inflation, Unemployment, and the Time Consistency of the US Monetary Policy. SSRN Electronic Journal, 0, , .	0.4	0
6751	Automatic Multi-objective Adjustment for Optical Axes using Stochastic Binary Search Algorithm. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2008, 20, 272-281.	0.0	0
6752	Use of genetic algorithms for Indian music mixing. Ubiquity, 2008, 2008, 1-10.	0.2	1
6753	Evolutionary Robot Vision for People Tracking Based on Local Clustering. Open Cybernetics and Systemics Journal, 2008, 2, 83-92.	0.3	3
6754	Identification and Optimal Control of Tomato Respiration Through Pre-storage Heat Treatment. , 2008, , .		0
6755	Real-Time Evolutionary Algorithms for Constrained Predictive Control. , 0, , .		3
6756	Optimal Design of Mechanisms for Robot Hands. , 0, , .		0
6757	Evolutionary Distributed Control of a Biologically Inspired Modular Robot. , 0, , .		1
6758	Variable neighborhood simulated annealing method and application for design. , 2008, , .		0
6760	Optimizing Markov Model Parameters for Asynchronous Impulsive Noise over Broadband Power Line Communication Network. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2008, E91-A, 1533-1536.	0.3	0
6761	Semi-active base isolation system for buildings using MR dampers. , 2008, , .		0
6762	Performance Improvement of Feature Selection Methods based on Bio-Inspired Algorithms. The KIPS Transactions PartB, 2008, 15B, 331-340.	0.1	0
6763	ON THE FITNESS OF HIGH ORDER SCHEMA OF A LINEAR-WEIGHTED CODED GENETIC ALGORITHM. , 2008, , .		0
6764	Annealing Stochastic Approximation Monte Carlo for Global Optimization. , 0, , .		0
6765	Optimization of Reinforced Concrete Structures by Simulated Annealing. , 0, , .		0
6766	On the Design of Large-Scale Cellular Mobile Networks Using Tabu Search. , 0, , .		0

#	Article	IF	Citations
6767	MO-Miner: A Data Mining Tool Based on Multi-Objective Genetic Algorithms. , 0, , .		1
6768	A Hierarchical Gene-Set Genetic Algorithm. Journal of Computers, 2008, 3, .	0.4	2
6769	An Adaptive Evolutionary Algorithm Combining Evolution Strategy and Genetic Algorithm (Application) Tj ETQq0 0 0 rgBT /Overlock 10 T		0
6770	Registration of Point Patterns Using Modern Evolutionary Algorithms. , 0, , .		0
6771	DECISION MAKING MODELS WITHIN INCOMPLETE INFORMATION GAMES. , 2008, , .		0
6772	Determination and sensitivity analysis of the seismic velocity of a shallow layer from refraction traveltimes measures. International Journal of Multiphysics, 2008, 2, 437-456.	0.1	0
6773	Three-dimensional Integrated Circuit Design. , 2009, , .		85
6774	Nondeterministic Atomic Meshes. , 2009, , .		0
6775	Design of Alkanol Amine Structure for CO2 Absorption Method. Journal of Computer Aided Chemistry, 2009, 10, 96-103.	0.3	1
6776	Intelligent Control: An Overview of Techniques. , 2009, , .		3
6778	Bankruptcy Classification of Firms Investigated by the US Securities and Exchange Commission: An Evolutionary Ensemble Computing Model Approach. SSRN Electronic Journal, 0, , .	0.4	1
6779	Efficient Structures for Innovative Social Networks. SSRN Electronic Journal, 0, , .	0.4	2
6780	Grid Clustering With Genetic Algorithm and Tabu Search Process. Journal of Pattern Recognition Research, 2009, 4, 152-168.	0.9	6
6781	Multiple Image Areas Search Using Immune Algorithm and Its Application to Book Identification. Journal of the Japan Society of Information and Knowledge, 2009, 19, 237-250.	0.0	2
6782	Intelligent Concepts for the Management of Information in Workflow Systems. International Journal of Computational Intelligence Systems, 2009, 2, 332.	2.7	1
6783	Genetic Algorithms for Multiple-Choice Optimisation Problems. SSRN Electronic Journal, 0, , .	0.4	4
6785	Trimming Aircraft on the Ground Based on the Hybrid Genetic Algorithm. Transactions of the Japan Society for Aeronautical and Space Sciences, 2009, 52, 117-124.	0.7	0
6786	Fuzzy Adaptive Search Method for Parallel Genetic Algorithm and Its Improved Methods. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2009, 21, 894-904.	0.0	0

#	ARTICLE	IF	CITATIONS
6787	Aligning Multiple Sequences with Genetic Algorithm. International Journal of Computer Theory and Engineering, 2009, , 179-182.	3.4	1
6788	MULTIOBJECTIVE GA-FUZZY LOGIC CONTROLLER - Applied to a pH Reactor. , 2009, , .		0
6789	Human-Centric Evolutionary Systems in Design and Decision-Making. , 2009, , 376-392.		0
6790	USE OF GENETIQUE ALGORITHM TO IDENTIFY THERMOPHYSICAL PROPERTIES OF DEPOSITED FOULING IN HEAT EXCHANGER TUBES. , 2009, , .		0
6791	Asynchronous Parallel Distributed Genetic Algorithm by Layered Server-Client Model. Transactions of the Institute of Systems Control and Information Engineers, 2009, 22, 1-12.	0.1	1
6792	Animated QR Code Generation Using Optimization Algorithms. The Journal of the Society for Art and Science, 2009, 8, 25-34.	0.1	1
6793	The Emergence of Knowledge Exchange: An Agent-based Model of a Software Market. , 2009, , 59-80.		0
6794	How artificial life relates to theoretical biology. , 2009, , .		0
6795	Metaheuristic Algorithms for Task Assignment in Distributed Computing Systems: A Comparative and Integrative Approach. The Open Artificial Intelligence Journal, 2009, 3, 16-26.	1.8	2
6796	Heuristic optimization of prestressed concrete precast pedestrian bridges. , 2009, , .		0
6797	System Identification Using Intelligent Algorithms. International Conference on Aerospace Sciences and Aviation Technology, 2009, 13, 1-13.	0.0	1
6799	Multi-Resolution Optimisation: Application Of Meta-Heuristic In Function Remodelling. , 2009, , .		0
6800	Aspects of HF radio propagation. Annals of Geophysics, 2009, 52, .	1.0	4
6801	GARCON - Genetic Algorithm for Rectangular Cuts OptimizatioN.. , 2009, , .		1
6802	Application of Gene Expression Programming to Event Selection in High Energy Physics. , 2009, , .		1
6803	Multi-Objective Evolutionary Optimization in Statistical Disclosure Control. Intelligent Information Systems, 2009, , 117-144.	0.1	0
6804	Evolutionary Based Controller Design. , 0, , .		1
6805	MULTI-OBJECTIVE OPTIMIZATION FOR THE DESIGN OF A RIVER MONITORING NETWORK. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
6806	ADVANCED EVOLUTIONARY ALGORITHMS FOR INTELLIGENT MICROARRAY IMAGE ANALYSIS. , 2009, , 557-577.		0
6807	Generation of Locomotion for Snake-like Robot using Genetic Algorithm and Analysis for Selections of Partial Modules. Journal of Korean Institute of Intelligent Systems, 2009, 19, 661-666.	0.1	0
6808	A NOVEL STABILITY CONDITION AND ITS APPLICATION TO GA-BASED FUZZY CONTROL FOR NONLINEAR SYSTEMS WITH UNCERTAINTY. Journal of Marine Science and Technology, 2009, 17, .	0.3	10
6809	Statistical Logic and Statistical Games. , 2010, , 287-326.		0
6810	The phenotype space automatic extraction method for interactive Genetic Algorithms. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2010, 22, 720-732.	0.0	1
6811	Pervasive Grid and its Applications. , 2010, , 1-13.		0
6812	Application of Multi-objective Optimization to Voltage and Reactive Power Control. IEEJ Transactions on Power and Energy, 2010, 130, 320-328.	0.2	1
6814	A MODIFIED MULTI-POPULATION GENETIC ALGORITHM FOR PARAMETER IDENTIFICATION OF CULTIVATION PROCESS MODELS. , 2010, , .		0
6815	Ad Hoc Network Hybrid Management Protocol Based on Genetic Classifiers. Wireless Engineering and Technology, 2010, 01, 69-80.	0.9	3
6816	Controlling Asymmetric Equal Side Lobe Level in Radiation Patterns of Array Antenna using Genetic Algorithm. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2010, 22, 135-141.	0.0	0
6817	OPTIMIZING B-SPLINES USING GENETIC ALGORITHMS APPLIED TO AIR-TRAFFIC CONFLICT RESOLUTION. , 2010, , .		0
6818	A GIBBS DISTRIBUTION THAT LEARNS FROM GA DYNAMICS. , 2010, , .		0
6820	A More Effective Technique of Design Synthesis for MEMS with Expected Performance. Intelligent Information Management, 2010, 02, 204-211.	0.5	0
6821	A GENERALIZED EXTREMAL OPTIMIZATION-INSPIRED ALGORITHM FOR PREDICTIVE MAINTENANCE SCHEDULING PROBLEMS. , 2010, , .		0
6822	Graph Structured Program Generation Using Evolutionary Algorithm Considering Program Size. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 57-65.	0.2	0
6823	Domain 8. , 2010, , 329-369.		0
6824	HYBRID PHYSIOLOGICAL MODELING OF SUBJECTS UNDERGOING CYCLIC PHYSICAL LOADING. , 2010, , .		1
6825	An Evolutionary Approach to Allocate Frequency in Cellular Telephone System. International Journal of Computer Applications, 2010, 1, 95-100.	0.2	1

#	ARTICLE	IF	CITATIONS
6826	Conflicting Multi-Objective Compatible Optimization Control. , 0, , .		1
6827	Optimizing Maintenance Activities Using HGA and Monte Carlo Simulation. International Journal of Computer Applications, 2010, 1, 110-116.	0.2	4
6828	Task Analysis and Kinematic Design of a Novel Robotic Chair for the Management of Top-Shelf Vertigo. , 0, , .		0
6829	Malaysian Business Community Social Network Mapping on the Web Based on Improved Genetic Algorithm. , 0, , .		0
6830	Optimization of PI Controller Gains in Nonlinear Controller of STATCOM Using PSO and GA. Renewable Energy and Power Quality Journal, 2010, 1, 180-185.	0.2	4
6831	Multi-Agent Design for the Physical Layer of a Distributed Base Station Network. , 0, , .		0
6832	An Energy Efficient Clustering based on Genetic Algorithm in Wireless Sensor Networks. Journal of the Korea Academia-Industrial Cooperation Society, 2010, 11, 1661-1669.	0.1	0
6833	Optimal electric field performance of EHV transmission lines using ground shield conductors. The International Conference on Electrical Engineering, 2010, 7, 1-11.	0.0	0
6834	Concrete Mixture Design for RC Structures under Carbonation - Application of Genetic Algorithm Technique to Mixture Conditions. Journal of the Korea Concrete Institute, 2010, 22, 335-343.	0.2	1
6835	Simulated Annealing and its Hybridisation on Noisy and Constrained Response Surface Optimisations. , 0, , .		0
6836	Simulated Annealing for Control of Adaptive Optics System. , 0, , .		0
6837	Genetic Algorithm to Solve Sliding Tile 8-Puzzle Problem. Journal of Education and Science, 2010, 23, 145-157.	0.1	3
6838	Robust Bidding in Learning Classifier Systems Using Loan and Bid History. Complex Systems, 2010, 19, 287-303.	0.3	0
6839	Characterization of Properties and Damage in Piezoelectrics. , 0, , .		1
6840	Multiprocessor Scheduling by Simulated Evolution. Journal of Software, 2010, 5, .	0.6	2
6841	Case-Based Reasoning Cost Estimation Model Using Two-Step Retrieval Method. LHI Journal of Land Housing and Urban Affairs, 2010, 1, 1-7.	0.0	0
6842	The Method of Solving for Traveling Salesman Problem Using Genetic Algorithm with Immune Adjustment Mechanism. , 0, , .		1
6843	An Efficient Solving the Travelling Salesman Problem : Global Optimization of Neural Networks by Using Hybrid Method. , 0, , .		0

#	Article	IF	Citations
6844	Merging Nash Equilibrium Solution with Genetic Algorithm: The Game Genetic Algorithm. Journal of Convergence Information Technology, 2010, 5, 9-15.	0.1	4
6845	Three-Phase Induction Motor Stator Current Optimization. International Journal of Computer Applications, 2010, ecot, 41-50.	0.2	4
6846	Evolutionary Design of a PID Controller Using Closed-loop Data. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 794-799.	0.2	3
6848	Individual Shrinkage-Based Fuzzy Variable Selection. SSRN Electronic Journal, 0, , .	0.4	0
6849	Intelligent Decision Support using Pattern Matching. , 2011, , .		0
6850	The Effectiveness of Genetic Algorithm in Solving Simultaneous Equations. International Journal of Computer Applications, 2011, 14, 38-41.	0.2	5
6851	Stochastic Approach to Test Pattern Generator Design. , 0, , .		0
6852	Soft Computing Approach for digital Circuit Layout based on Graph Partitioning. International Journal of Computer Applications, 2011, 15, 35-39.	0.2	1
6855	Improvement of evolution speed of individuals through hybrid reproduction of monogenesis and gamogenesis in genetic algorithms. Journal of the Korea Society of Computer and Information, 2011, 16, 45-51.	0.0	0
6856	A Spot Modeling Evolutionary Algorithm for Segmenting Microarray Images. , 0, , .		1
6857	Sliding Window used for Robustness and Fidelity Optimization Employing Neighborhood Concept and Genetic Algorithm with Tournament Selection. International Journal of Computer Applications, 2011, 20, 36-42.	0.2	1
6858	In Vitro Fertilization Genetic Algorithm. , 0, , .		1
6859	Genetic Algorithm Based on Schemata Theory. , 0, , .		2
6860	A Study on the Optimum Design of Cargo Tank for the LPG Carriers Considering Fabrication Cost. Journal of the Society of Naval Architects of Korea, 2011, 48, 178-182.	0.5	0
6861	S-MINE Algorithm for the TSP. The KIPS Transactions PartB, 2011, 18B, 73-82.	0.1	0
6862	Computationally Efficient Symbol Detection Schemes in Multi-Device STBC-MIMO Systems. , 0, , .		0
6863	Using Evolutionary Algorithms for Optimization of Analogue Electronic Filters. , 0, , .		0
6864	Evolutionary Optimization of Microwave Filters. , 0, , .		0

#	ARTICLE	IF	CITATIONS
6865	Research on the Architecture of Intrinsic Evolvable Digital Circuits. Journal of Next Generation Information Technology, 2011, 2, 8-14.	0.2	4
6866	Difusão de Inovações entre Consumidores Conectados em Redes Sociais. Revista Brasileira De Inovação, 2011, 10, 73.	0.2	1
6867	Development of a Customized Autopilot for Unmanned Helicopter Model Using Genetic Algorithm via the Application of Different Guidance Strategies. International Conference on Aerospace Sciences and Aviation Technology, 2011, 14, 1-18.	0.0	0
6868	Sensor Fusion-Based Activity Recognition for Parkinson Patients. , 0, , .		9
6869	An Optimistic Data Mining Approach for Handling Large Data Set using Data Partitioning Techniques. International Journal of Computer Applications, 2011, 24, 29-33.	0.2	4
6870	Estimation of Deep Soil Profiles in Lima Peru. Journal of Civil Engineering and Architecture, 2011, 5, .	0.1	1
6871	Adaptação do HCM2000 para análise da capacidade e do nível de serviço em rodovias de pista simples no Brasil. Transportes, 2011, 19, 66.	0.2	5
6872	Roteirização dinâmica de veículos usando simulação e algoritmo genético. Transportes, 2011, 19, 85.	0.2	0
6873	Detecção e Correção Automática de Estilos de Aprendizagem em Sistemas Adaptativos para Educação. Revista De Informatica Teorica E Aplicada, 2011, 18, 178.	0.2	2
6874	Pattern Recognition for Diabetic Spectral Data Using Machine Learning Approaches. Indian Journal of Applied Research, 2011, 3, 426-429.	0.0	1
6875	GA For Optimal PI in DC Voltage Regulation of D-STATCOM.. International Journal of Electrical and Computer Engineering, 2011, 1, .	0.7	1
6876	A Five Level NPC Inverter Controlled by Using SHEPWM Strategy. Advances in Electrical and Electronic Engineering, 2011, 9, .	0.3	0
6877	Genetic Algorithm (GA) In Feature Selection For CRF Based Manipuri Multiword Expression (MWE) Identification. International Journal of Computer Science and Information Technology, 2011, 3, 53-66.	0.6	3
6878	Determinación de cargas dinámicas de camiones pesados que transitan en un puente basado en algoritmos genéticos e instrumentación. Revista Ingenieria De Construccion, 2011, 26, 321-352.	0.4	1
6879	Optimización de la segmentación local de Sauvola aplicada a la detección de Defectos Superficiales en escenas con iluminación no homogénea. Tecno Lógicas, 2011, , 53.	0.3	0
6880	ANOMALY DETECTION IN NETWORKING USING HYBRID ARTIFICIAL IMMUNE ALGORITHM. ICTACT Journal on Soft Computing, 2012, 02, 298-304.	0.7	1
6881	Template Matching Method Based on Visual Feature Constraint and Structure Constraint. IEICE Transactions on Information and Systems, 2012, E95.D, 2105-2115.	0.7	5
6882	Evolvable Hardware in Theory and Implementation. Paripex-indian Journal of Research, 2012, 3, 116-118.	0.0	0

#	Article	IF	Citations
6883	The Patient Admission Scheduling of an Ophthalmic Hospital Using Genetic Algorithm. , 2012, , .		0
6884	Study on PID Control System Based on Genetic Algorithms. , 2012, , .		1
6887	A Genetic Algorithm for Solving Single Level Lot–Sizing Problems. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	1
6888	Pembangunan Model Pengoptimuman Pengeluaran Minyak Sawit dan Isirong Sawit Menggunakan Pendekatan Genetik Kabur. Jurnal Teknologi (Sciences and Engineering), 0, , .	0.4	0
6889	Using Genetic Algorithm for Identification of Diabetic Retinal Exudates in Digital Color Images. Journal of Intelligent Learning Systems and Applications, 2012, 04, 188-198.	0.5	5
6890	Optimization of Security Communication Wired Network by Means of Genetic Algorithms. Communications and Network, 2012, 04, 196-204.	0.8	2
6891	Genetic Network Programming-Sarsa with Multi-Subroutines for Trading Rules on Stock Markets. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 439-447.	0.2	1
6892	Framing Fuzzy Rules using Support Sets for Effective Heart Disease Diagnosis. International Journal of Fuzzy Logic Systems, 2012, 2, 11-16.	0.2	8
6893	Improving the Solution of Traveling Salesman Problem Using Genetic, Memetic Algorithm and Edge assembly Crossover. International Journal of Advanced Computer Science and Applications, 2012, 3, .	0.7	2
6894	PREDICTION OF IMMINENT SPECIES’ EXTINCTION IN EcoSim. , 2012, , .		0
6895	Towards an OpenCL Implementation of Genetic Algorithms on GPUs. Lecture Notes in Computer Science, 2012, , 190-203.	1.3	1
6896	Optimal Power Flow with Facts Devices using Genetic Algorithm. International Journal of Power System Operation and Energy Management, 2012, , 173-179.	0.1	0
6898	Integer-Type Gene-Coding Method Based on Quantum Bit Representation in Quantum-Inspired Evolutionary Algorithm: Application to Integer Knapsack Problem. Journal of Signal Processing, 2012, 16, 495-502.	0.3	3
6899	Automated Creation of Beamformer-Based Optimum DOA Estimation Algorithm Using Genetic Algorithm. IEICE Transactions on Communications, 2012, E95.B, 3332-3336.	0.7	0
6900	Using Retroviral Iterative Genetic Algorithm to Solve Constraint Global Optimization Problems. , 0, , .		0
6901	Evolutionary Techniques in Multi-Objective Optimization Problems in Non-Standardized Production Processes. , 0, , .		0
6902	Hybrid Genetic Algorithm-Support Vector Machine Technique for Power Tracing in Deregulated Power Systems. , 0, , .		0
6903	The Successive Zooming Genetic Algorithm and Its Applications. , 0, , .		0

#	ARTICLE	IF	CITATIONS
6904	Design and Postures of a Serial Robot Composed by Closed-Loop Kinematics Chains. , 0, , .		0
6905	GeneticAlgorithm based Analysis of Six-phase Self-excited Induction Generators for Wind Energy Conversion. International Journal of Computer Applications, 2012, 41, 34-41.	0.2	1
6906	Adaptive Control of Strong Mutation Rate and Probability for Queen-bee Genetic Algorithms. International Journal of Fuzzy Logic and Intelligent Systems, 2012, 12, 29-35.	1.1	0
6907	Advanced Distributed Arrival Time Control for Single Machine Problem in Dynamic Scheduling Environment. Journal of Korean Institute of Industrial Engineers, 2012, 38, 31-40.	0.1	1
6908	Solving Real Optimization Problem Using Genetic Algorithm with Employed Bee (GAEB). International Journal of Computer Applications, 2012, 42, 1-5.	0.2	38
6909	DESIGN OF TCSC-BASED CONTROLLER USING PARTICLE SWARM OPTIMIZATION ALGORITHM. IOSR Journal of Engineering, 2012, 02, 810-813.	0.1	1
6910	A Novel Method for Feature Extraction and Classification for an Aerial Image and LiDAR Data with Genetic Algorithm. International Journal of Computer Science and Informatics, 2012, , 264-270.	0.1	0
6911	Characterization of Hepatic Lesions Using Grid Computing (Globus) and Neural Networks. , 0, , .		0
6912	A Comparison Study between Inferred State-Space and Neural Network Based System Identifications Using Adaptive Genetic Algorithm for Unmanned Helicopter Model. The International Conference on Electrical Engineering, 2012, 8, 1-21.	0.0	0
6913	A Study on Improving the Efficiency of Logistics Networks in Express Package Deliveries. Journal of Navigation and Port Research, 2012, 36, 305-311.	0.1	1
6914	Design of Wheel Profile to Reduce Wear of Railway Wheel. Journal of the Korean Society for Precision Engineering, 2012, 29, 607-612.	0.2	2
6915	Degradation-Based Swapping Policy With Application to System-Level Manufacturing Utilization. , 2012, , .		1
6916	Optimizing Routes using Genetic Algorithms based on Throughput or Delay Sensitivity of Applications using SNMP for Automatic Discovery of Network Topology. International Journal of Computer Applications, 2012, 47, 1-5.	0.2	0
6917	Improved Performance of Wind-driven Isolated Induction Generators by Six-phase Operation. International Journal of Computer Applications, 2012, 50, 28-32.	0.2	0
6918	Multi-Stage Supply Chain Network Design Using a Cooperative Coevolutionary Algorithm Based on a Permutation Representation. Korean Management Science Review, 2012, 29, 21-34.	0.2	0
6919	Sexual selection and evolution of male and female choice in genetic algorithm. Scientific Research and Essays, 2012, 7, .	0.4	0
6920	THE DYNAMIC STOCHASTIC LINEAR PROGRAMMING MODEL FOR MANAGEMENT IN THE CONSUMPTION OF FUEL IN FLEX. Independent Journal of Management & Production, 2012, 3, .	0.4	0
6921	Emotion Recognition and Feature Selection using Genetically Oriented Classifier based on Instance Learning. International Journal on Data Mining and Intelligent Information Technology Applications, 2012, 2, 1-11.	0.3	1

#	ARTICLE	IF	CITATIONS
6922	New Approach for Solving Dynamic Traveling Salesman Problem with Hybrid Genetic Algorithms and Ant Colony Optimization. International Journal of Computer Applications, 2012, 53, 39-44.	0.2	10
6923	Meta-Heuristic Algorithms for a Multi-Product Dynamic Lot-Sizing Problem with a Freight Container Cost. Industrial Engineering and Management Systems, 2012, 11, 288-298.	0.4	5
6924	THE INFLUENCE OF A MATHEMATICAL MODEL IN PRODUCTION STRATEGY: CONCEPTUAL DEVELOPMENT AND EMPIRICAL TEST. Independent Journal of Management & Production, 2012, 3, .	0.4	0
6925	An Improved Genetic Algorithm and Its Application. TELKOMNIKA Indonesian Journal of Electrical Engineering, 2012, 10, .	0.1	21
6926	A Genetic Algorithm and Support Vector Regression based Hybrid Cost Estimation Model for Feature-based Plastic Injection Products. Journal of the Korea Safety Management and Science, 2012, 14, 269-276.	0.0	0
6927	Nonlinearities In Stock Return Prediction: Evidence From South Africa. Journal of Applied Business Research, 2012, 28, 1253.	0.3	2
6930	Diseño óptimo de estructuras tridimensionales para techos. Acta Universitaria, 2012, 22, 25-31.	0.2	1
6931	Formulation of Colors Using a Genetic Algorithm. Image Processing & Communications, 2012, 17, 241-244.	0.3	1
6932	Software Effort Estimation by Genetic Algorithm Tuned Parameters of Modified Constructive Cost Model for NASA Software Projects. International Journal of Computer Applications, 2012, 59, 22-26.	0.2	15
6933	The Battle Warship Simulation of Agent-based with Reinforcement and Evolutionary Learning. Journal of the Korea Society for Simulation, 2012, 21, 65-73.	0.0	0
6934	Selection of Feature Regions Set for Digital Image Using Optimization Algorithm. International Journal of Data Mining Techniques and Applications, 2012, 1, .	0.0	0
6935	The Effect of a New Generation Based Sequential Selection Operator on the Performance of Genetic Algorithm. Indian Journal of Science and Technology, 2012, 5, 1-4.	0.7	2
6936	An Experimental Study of the Genetic Algorithm Convergence. Journal of Education and Vocational Research, 2013, 4, 1-4.	0.1	0
6937	A Detailed Study on Information Retrieval using Genetic Algorithm. Journal of Industrial and Intelligent Information, 2013, 1, 122-127.	0.1	12
6938	Development of Simulator for Bio-Propylene Synthesis Process. Kagaku Kogaku Ronbunshu, 2013, 39, 126-131.	0.3	1
6939	Pivot-based Generalization towards an Adapting Changing Environment. Transactions of the Society of Instrument and Control Engineers, 2013, 49, 1020-1028.	0.2	0
6940	Genetic Algorithm Works for Vectoring Image Outlines of Generic Shapes. Journal of Software Engineering and Applications, 2013, 06, 329-337.	1.1	1
6941	Evolutionary Multi-Agent Systems in Non-Stationary Environments. Computer Science, 2013, 14, 563.	0.6	1

#	ARTICLE	IF	CITATIONS
6942	A Novel Decoder Based on Parallel Genetic Algorithms for Linear Block Codes. International Journal of Communications, Network and System Sciences, 2013, 06, 66-76.	0.6	5
6943	LibrerÃa de Algoritmos GenÃ©ticos para Arquitectura (LAGA). , 0, , .		0
6944	Enhancing Face Normalization Based on Novel Normal Facial Diagram. SSRN Electronic Journal, 0, , .	0.4	1
6945	Application of Dual Bilinear Interpolation Fuzzy Algorithm in Fan Speed Control. Advances in Intelligent Systems and Computing, 2013, , 957-963.	0.6	2
6946	Finding All Occurrences of a Pattern by a Genetic Algorithm Based Divide-and-Conquer Method. International Journal of Computer Applications, 2013, 64, 48-52.	0.2	0
6947	DECONVOLUTION OF SEISMIC DATA USING PHASE CHANGE OPERATORS. Revista Brasileira De Geofisica, 2013, 31, 59.	0.2	1
6948	Method of multi-variant evolutionary synthesis of models based on templates. Nauka I Obrazovanie, 2013, 13, .	0.1	0
6949	Aprendizaje de estrategias de decisiÃ³n en juegos repetitivos no cooperativos. Tecnura, 2013, 17, 63.	0.4	1
6950	Performance characterization of a PV system using wavelet transform and genetic algorithm. Renewable Energy and Power Quality Journal, 0, , 495-500.	0.2	0
6951	A Genetic Algorithm Approach for Optimal Allocation of Software Testing Effort. International Journal of Computer Applications, 2013, 68, 21-25.	0.2	9
6952	A Novel Radial Basis Function Networks Locally Tuned with Differential Evolution for Classification. International Journal of Systems Biology and Biomedical Technologies, 2013, 2, 33-57.	0.2	0
6953	An Empirical Study of Randomized Unit Tests using Nighthawk System. International Journal of Computer Applications, 2013, 67, 6-10.	0.2	6
6954	Optimization of groundwater resources management in polluted aquifers. Global Nest Journal, 2013, 11, 283-290.	0.1	1
6955	Path Planning with Real Time Obstacle Avoidance. International Journal of Computer Applications, 2013, 70, 15-21.	0.2	0
6956	A Combined Optimization/Simulation Approach to the Reconfiguration of Express Delivery Service Network for Strategic Alliance. Journal of Navigation and Port Research, 2013, 37, 321-327.	0.1	0
6957	Data Driven Fuzzy Modeling for Sugeno and Mamdani Type Fuzzy Model using Memetic Algorithm. International Journal of Information Technology and Computer Science, 2013, 5, 24-37.	1.0	4
6958	Modularity and Regularity in Neural Networks Produced with Assembler Encoding. Computational Methods in Science and Technology, 2013, 19, 145-155.	0.3	0
6959	A Simulated Annealing Algorithm for Maximum Lifetime Data Aggregation Problem in Wireless Sensor Networks. The Journal of the Korean Institute of Information and Communication Engineering, 2013, 17, 1715-1724.	0.1	0

#	Article	IF	Citations
6960	Optimization of Transverse Load Factor of Helical and Spur Gears Using Genetic Algorithm. Applied Mathematics and Information Sciences, 2013, 7, 1323-1331.	0.5	0
6961	CIAC: Cluster Head Induced Affinity based Clustering for Prolonging the Lifetime of Wireless Sensor Network. International Journal of Computer Applications, 2013, 75, 18-23.	0.2	0
6962	Performance Comparison of Interval Management Concepts Using an Optimization-Based Scheduler in Terminal Airspace. , 2013, , .		0
6963	Constrained Elitist Genetic Algorithm for Economic Load Dispatch: Case Study on Nigerian Power System. International Journal of Computer Applications, 2013, 76, 27-33.	0.2	4
6964	Analyzing Program Evolution in Genetic Programming using Asynchronous Evaluation. , 0, , .		0
6965	Cost-Effective Model for Energy Saving in Super-Tall Building. Journal of Construction Engineering and Project Management, 2013, 3, 17-22.	0.6	0
6966	A MAX-PLUS MODEL FOR GENETIC ALGORITHMS. International Journal of Pure and Applied Mathematics, 2013, 88, .	0.2	0
6967	Optimization of ANN Structure Using Adaptive PSO & GA and Performance Analysis Based on Boolean Identities. International Journal of Computer and Communication Technology, 2013, , 264-271.	0.1	0
6968	The Efficient Method of Parallel Genetic Algorithm using MapReduce of Big Data. Journal of Korean Institute of Intelligent Systems, 2013, 23, 385-391.	0.1	3
6969	Detection of Tumor in Mammographic Images by RBF Neural Network and Multi Population Genetic Algorithm. International Journal of Applied Information Systems, 2013, 6, 1-5.	0.1	0
6970	A Genetic Algorithm based Solution to the Teaching Assignment Problem. International Journal of Computer Applications, 2013, 81, 1-6.	0.2	0
6971	A Bi-level Programming Model and Solution Algorithms for Taxi Fare in Taxi Market of China. Journal of Information and Computational Science, 2013, 10, 5787-5803.	0.1	1
6972	New Hardware Engine for New Operating Systems. International Letters of Natural Sciences, 0, 5, 16-26.	1.0	0
6973	Layout Method of a Floating Offshore Structure Using the Optimization Technique. Korean Journal of Computational Design and Engineering, 2013, 18, 439-450.	0.0	1
6974	The Conflict Resolution Process. Law, Governance and Technology Series, 2014, , 163-186.	0.4	0
6975	Bridging the Discovery-Creation Divide: A Return to Realism. SSRN Electronic Journal, 0, , .	0.4	0
6976	Assignation problems' solutions by parallel and distributed genetic algorithms. Applied Mathematical Sciences, 0, 8, 5185-5194.	0.1	0
6977	Hierarchy and Misalignments in Complex New Product Development Projects. SSRN Electronic Journal, 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
6978	Genetic Algorithms as a Tool of Production Process Control. Journal of Systems Integration, 0, , 57-66.	2.2	1
6979	An ASIC Analog Neuromorphic Computer for Evolvable Hardware Applications. British Journal of Mathematics & Computer Science, 2014, 4, 989-1003.	0.3	0
6980	Adaptive E-Learning System Based On Learning Interactivity. International Journal of Computer Networks and Communications Security, 2013, 1, .	0.4	0
6981	Test Case Generation Based on Hierarchical Genetic Algorithm. , 0, , .		0
6982	Bio-inspired Metaheuristic based Visual Tracking and Ego-motion Estimation. , 2014, , .		0
6983	Job Shop Scheduling and Co-Design of Real-Time Systems with Simulated Annealing. , 2014, , .		0
6985	A Possibility of Fast Running of Tyrannosaurus rex by the Result of Evolutionary Computation. , 2014, , .		0
6986	A Pattern Recognition System for Detecting Use of Mobile Phones While Driving. , 2014, , .		0
6987	Search Method of the Vocal Quality Suited to User's Kansei Using Interactive Genetic Algorithm. Transactions of Japan Society of Kansei Engineering, 2014, 13, 485-491.	0.1	3
6988	Multiple Optimal Solutions Search by Using Swarm Division Particle Swarm Optimization Algorithm which Utilizes the Distribution of Personal Best Solutions. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1373-1383.	0.2	1
6989	GPU Implementation of Food-Foraging Problem for Evolutionary Swarm Robotics Systems. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1355-1364.	0.2	0
6990	A Hybrid Metaheuristic Approach to Optimize the Content Transmission in Multimedia Systems. , 2014, , .		0
6991	New Method of Speech Signals Adaptive Features Construction Based on the Wavelet-like Transform and Support Vector Machines. Lecture Notes in Computer Science, 2014, , 308-314.	1.3	1
6992	Direct Adaptive Hˆž Control for a Class of Nonlinear Systems based on LS-SVM. Applied Mathematics and Information Sciences, 2014, 8, 287-292.	0.5	0
6993	Secure Barcode Authentication using Genetic Algorithm. IOSR Journal of Computer Engineering, 2014, 16, 134-142.	0.1	0
6994	Dynamic Process Scheduling and Sequencing Using Genetic Algorithm. IOSR Journal of Computer Engineering, 2014, 16, 48-53.	0.1	0
6995	Image Emotional Semantic Retrieval Based on ELM. , 0, , .		0
6996	Secured Cryptography cum Steganography Model with Large Message Embedding behind Colored Image by using Genetic Algorithm and OPA Process. International Journal of Computer Applications, 2014, 85, 43-49.	0.2	0

#	ARTICLE	IF	CITATIONS
6997	Resource Allocation Using Metaheuristic Search. , 2014, , .		3
6998	Multilevel Techniques for the Clustering Problem. , 2014, , .		0
6999	Genetic Algorithm based Approach for Reduction of Total Harmonic Distortion in Photo Voltaic Inverter. International Journal of Computer Applications, 2014, 87, 1-6.	0.2	0
7000	Reactive Power Optimization with SVC & TCSC using Genetic Algorithm. Advances in Electrical and Electronic Engineering, 2014, 12, .	0.3	0
7001	Automatic Selection of Classification Algorithms for Non-Experts Using Meta-Features. China-USA Business Review, 2014, 13, .	0.1	1
7002	Low-Thrust Orbit Transfer Optimization using a Combined Method. International Journal of Computer Applications, 2014, 89, 20-24.	0.2	2
7003	VIBRATION SUPPRESSION USING MECHATRONIC SYSTEMS. International Journal of Mechanical and Industrial Engineering, 2014, , 231-234.	0.0	0
7004	Optimal Location of Pseudo-satellite in Deformation Monitoring System. Journal of Information and Computational Science, 2014, 11, 1879-1888.	0.1	0
7005	Pseudo-Parallelity and Distributed Programming under UNIX-System V. Lecture Notes in Economics and Mathematical Systems, 1991, , 35-44.	0.3	1
7006	Incorporation of a Knowledge-Based Scheduling System into a Genetic Algorithm. Informatik Aktuell, 1992, , 547-553.	0.6	1
7007	Distributed computing with APL. , 1992, , .		3
7008	Distributed computing in the workstation environment. , 1993, , .		0
7009	Robust Shape from Shading. , 1993, , .		0
7010	An Empirical Study of Population and Non-population Based Search Strategies for Optimizing a Combinatorical Problem. , 1993, , 375-384.		0
7011	Population-based learning of load balancing policies for a distributed computer system. , 1993, , .		6
7012	Verbesserte Planung und Optimierung mit Hilfe eines erweiterten Genetischen Algorithm. Informatik Aktuell, 1994, , 74-89.	0.6	1
7013	Non-directionality and self-assessment in an example-based system using genetic algorithms. , 1994, , .		0
7014	Use of Genetic Algorithms to Optimize the Cost of Automotive Wire Harnesses. , 1994, , 103-115.		1

#	Article	IF	Citations
7015	Control software and hardware for a wall climbing robot. , 1994, , 625-632.		0
7016	Strategic Behavior in Ascending-Price Multiple-Object Auctions. Brazilian Review of Econometrics, 1994, 14, 1.	0.1	1
7017	Training of Neural Networks by means of Genetic Algorithms Working on very long Chromosomes. DAIMI Report Series, 1994, 23, .	0.1	3
7018	PANIC: A Parallel Evolutionary Rule Based System. , 1995, , 753-772.		0
7019	Cell Placement by Genetic Algorithm. IEEJ Transactions on Electronics, Information and Systems, 1995, 115, 580-588.	0.2	0
7020	Adapting Crossover in Evolutionary Algorithms. , 1995, , 367-384.		47
7022	A Fuzzy Controlled Rendering System for Virtual Reality Systems Optimised by Genetic Algorithms. Eurographics, 1995, , 22-32.	0.4	4
7023	Non-Supervised Sensory-Motor Agents Learning. , 1995, , 49-52.		2
7025	A New Heuristic Algorithm for Sequence-Dependent Setup Problems. , 1995, , 79-85.		0
7026	Schedule Planning by Using Genetic Algorithms for Developing Educational Materials and Curricula. IFIP Advances in Information and Communication Technology, 1995, , 187-194.	0.7	0
7028	Interactive Evolution of Images. , 1995, , 53-66.		14
7029	An Adaptive Inductive Logic Programming System Using Genetic Programming. , 1995, , 737-752.		0
7030	Evolution Strategies for Mixed-Integer Optimization of Optical Multilayer Systems. , 1995, , 33-52.		11
7031	An Iterated Function Systems Approach to Emergence. , 1995, , 673-692.		1
7032	Automated Design of Neural Network Architecture for Classification. DAIMI Report Series, 1995, 24, .	0.1	2
7033	On Sensor Evolution in Robotics. , 1996, , .		17
7034	Genetic algorithms and relational landscapes. Lecture Notes in Computer Science, 1996, , 471-481.	1.3	0
7035	Exploiting competing subpopulations for automatic generation of test sequences for digital circuits. Lecture Notes in Computer Science, 1996, , 791-800.	1.3	1

#	ARTICLE	IF	CITATIONS
7036	Automatic Creation of an Efficient Multi-Agent Architecture Using Genetic Programming with Architecture-Altering Operations. , 1996, , .		2
7037	A New Class of Function Sets For Solving Sequence Problems. , 1996, , .		2
7038	Erroneous truncation selection â€" A breeder's decision making perspective. Lecture Notes in Computer Science, 1996, , 276-285.	1.3	2
7039	IOGA: An instance-oriented genetic algorithm. Lecture Notes in Computer Science, 1996, , 482-493.	1.3	1
7040	Genetic Programming Learning and the Cobweb Model. , 1996, , .		2
7041	Genetic-based dynamic load balancing: Implementation and evaluation. Lecture Notes in Computer Science, 1996, , 920-929.	1.3	0
7042	An Identification Tool to build Physical Models for Virtual Reality. , 1996, , 669-672.		2
7043	Computer-Assisted Design of Image Classification Algorithms: Dynamic and Static Fitness evaluations in a Scaffolded Genetic Programming Environment. , 1996, , .		5
7044	Optimizing Local Area Networks Using Genetic Algorithms. , 1996, , .		1
7045	Signal Path Oriented Approach for Generation of Dynamic Process Models. , 1996, , .		9
7046	A Three-stage method for designing Genetic Fuzzy Systems by learning from examples. Lecture Notes in Computer Science, 1996, , 720-729.	1.3	5
7047	New crossover methods for sequencing problems. Lecture Notes in Computer Science, 1996, , 287-299.	1.3	3
7048	Evolving Obstacle Avoidance Behavior in a Robot Arm. , 1996, , 468-475.		10
7049	Data Structures and Genetic Programming. , 1996, , .		10
7050	Genetic Algorithms with Analytical Solution. , 1996, , .		3
7051	Using Data Structures within Genetic Programming. , 1996, , .		2
7052	Distributed Genetic Programming- Empirical Study and Analysis. , 1996, , .		6
7053	Natural Niching for Evolving Cooperative Classifiers. , 1996, , .		5

#	ARTICLE	IF	CITATIONS
7054	Evolving Fractal Movies. , 1996, , .		9
7055	An Investigation into the Sensitivity of Genetic Programming to the Frequency of Leaf Selection During Subtree Crossover. , 1996, , .		7
7056	Testing software using Order-based Genetic Algorithms. , 1996, , .		2
7057	Genetic Programming in Database Query Optimization. , 1996, , .		5
7058	Production scheduling with genetic algorithms and simulation. Lecture Notes in Computer Science, 1996, , 930-939.	1.3	3
7059	Hierarchical and feed-forward fuzzy Logic for financial modelling and prediction. Lecture Notes in Computer Science, 1997, , 147-156.	1.3	5
7060	A Genetic Algorithm Based Optimization Design Method for Cryogenic Turboexpander. , 1997, , 221-224.		0
7061	APPLICATION OF HYBRID GENETIC ALGORITHMS FOR OPTIMUM ARRANGEMENT OF ACTUATORS TO INITIALLY STRESSED BEAM STRING STRUCTURES. Journal of Structural and Construction Engineering, 1997, 62, 99-105.	0.5	3
7064	Smart Systems and Simple Agents: Industry Pricing by Parallel Rules. SSRN Electronic Journal, 0, , .	0.4	1
7065	Constraint optimization as a tool for business process re-engineering. IFIP Advances in Information and Communication Technology, 1997, , 164-173.	0.7	2
7069	Multiobjective robust eigenstructure assignment for multivariable systems. , 1997, , .		0
7070	Genetic reinforcement learning in neurofuzzy control systems. , 1997, , .		0
7071	A nonlinear GPC algorithm (NLGPC) for muscle relaxant anaesthesia. , 1997, , .		0
7072	Foundations of neural networks, fuzzy systems, and knowledge engineering. Choice Reviews, 1997, 35, 35-0330-35-0330.	0.2	188
7074	GA-based on-line path planning for SAUVIM. Lecture Notes in Computer Science, 1998, , 329-338.	1.3	5
7076	Soft Computing: Fuzzy Logic, Neural Networks, and Genetic Algorithms. , 1998, , 475-544.		0
7077	A smart itsy bitsy spider for the Web. Journal of the Association for Information Science and Technology, 1998, 49, 604-618.	1.0	30
7078	R&D in Duopoly with Spillovers: Evolution and Aspiration Learning. SSRN Electronic Journal, 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
7079	Using a genetic algorithm to select parameters for a neural network that predicts aflatoxin contamination in peanuts. Lecture Notes in Computer Science, 1998, , 460-469.	1.3	0
7082	Adaptive Strategy Based on the Genetic Algorithm and a Sequence of Discrete Models in Aircraft Structural Optimization. , 1998, , 245-254.		0
7085	Physical Design of Printed Circuit Boards: Genetic Algorithm Approach. Applied Optimization, 1998, , 353-363.	0.4	0
7086	A Genetic Algorithm for the Generic Crew Scheduling Problem. , 1998, , 270-274.		0
7088	Interacting with articulated figures within the PROVIS project. Lecture Notes in Computer Science, 1998, , 470-477.	1.3	0
7090	Multi-Objective Optimal Design of Automotive Engine Using Genetic Algorithm. , 1998, , .		14
7091	Techniques and Applications of Hybrid Fuzzy Learning Theory to Systems Modeling. , 1999, , 1673-1710.		0
7092	A Study of Parameter Settings in GA to GA Connected System. IEEJ Transactions on Electronics, Information and Systems, 1999, 119, 1433-1434.	0.2	0
7093	Techniques and Applications of Fuzzy Logic Control of Solar Power Plants. , 1999, , 717-745.		2
7094	3 Lessons of Genetic Algorithms for Computational Innovation. , 1999, , 3-11.		0
7095	Automated Integration of Multiple Sensors. , 1999, , 313-345.		1
7097	Optimal Selection of Pressure Vessels. , 1999, , 467-478.		0
7098	The genetic algorithms for the optimization of distributed loudspeaker systems. Journal of the Acoustical Society of America, 1999, 105, 1316-1316.	1.1	1
7099	Evolutionary generation of artificial neural network based guidance laws. , 1999, , .		0
7100	An Extension of the Orthogonal Packing Problem Through Dimensional Flexibility. , 1999, , .		0
7101	Design for Reliability of the Construction Robot Using Genetic Algorithm. , 1999, , .		0
7102	Genetic Algorithms in Fuzzy Engineering Design. , 1999, , .		5
7104	Fuel-Air Mixing In A Turbulent Coannular Pipe Flow Measured Using Laser Absorption With Genetic Algorithm-Based Tomographic Reconstruction And Modeled With LES. Eurasian Chemico-Technological Journal, 2015, 16, 117.	0.6	0

#	ARTICLE	IF	CITATIONS
7105	Tuberculosis Disease Classification using Genetic-neuro Expert System. Indian Journal of Science and Technology, 2014, 7, 421-425.	0.7	7
7106	Developing a Genetic Fuzzy System Model for Cost-Benefit Analysis.. International Journal of Computers & Technology, 2014, 13, 4416-4421.	0.2	2
7107	Shared Crossover Method for Solving Knapsack Problems. International Journal of Academic Research in Business and Social Sciences, 2014, 4, .	0.1	0
7108	Research on Data Mining Technologies for Complicated Attributes Relationship in Digital Library Collections. Applied Mathematics and Information Sciences, 2014, 8, 1173-1178.	0.5	1
7109	OPTIMUM DESIGN OF COMPOSITE RISERS USING A GENETIC ALGORITHM. , 0, , .		0
7110	SYNTHESIS AND OPTIMIZATION OF SUBMARINE PIPELINE ROUTES. , 0, , .		0
7111	A HYBRID TWO-LEVEL APPROACH USED IN THE OPTIMIZATIONA OF AN AERONAUTICAL COMPOSITE STRUCTURE. , 0, , .		0
7112	ALGORITMOS GENÉTICOS NA OTIMIZAÇÃƒO DA SEQUÃŠNCIA DE OPERAÇÃ•ES EM MÃQUINAS CNC: UM ESTUDO DO DESEMPENHO DE OPERADORES. , 0, , .		0
7113	Using Motor Speed Profile and Genetic Algorithm to Optimize the Fuzzy Logic Controller for Controlling DC Servomotor. International Journal of Computer Applications, 2014, 94, 1-8.	0.2	2
7114	Numerical experiments for inverse analysis of material properties and size in functionally graded materials using the Artificial Bee Colony algorithm. WIT Transactions on the Built Environment, 2014, , .	0.0	0
7115	Supersaturated plans for variable selection in large databases. Statistics, Optimization and Information Computing, 2014, 2, .	0.7	0
7116	Hibridación de metaheurÃsticas aplicadas al problema de ruteo de vehÃculos. Informes CientÃficos Y TÃ©cnicos (Universidad Nacional De La Patagonia Austral), 2014, 5, 1-21.	0.1	0
7117	Alternative Strategies in Learning Nonlinear Soft Margin Support Vector Machines. InformaticÄƒ EconomicÄƒ, 2014, 18, 42-52.	0.4	0
7118	Dynamic Effort Allocation Problem Using Genetic Algorithm Approach. International Journal of Modern Education and Computer Science, 2014, 6, 46-52.	2.7	2
7119	Embedded Smart Car Security System on Face Detection. International Journal of Computer and Communication Technology, 2014, , 176-180.	0.1	4
7120	CRITICAL COMPONENTS IDENTIFICATION USING MUTATION BASED COMPONENTS IMPACT ANALYSIS. International Journal of Computer Science and Informatics, 2014, , 58-67.	0.1	3
7121	Evaluation of environmental sustainability of pavement preservation strategies using analytic hierarchy process. , 2014, , .		0
7122	EFSR: Evolutionary Fisheye State Routing Protocol in Mobile Ad Hoc Networks. International Journal of Computer Trends and Technology, 2014, 14, 80-85.	0.2	0

#	ARTICLE	IF	CITATIONS
7123	OPTIMIZATION OF ASSOCIATION RULES FOR TUBERCULOSIS USING GENETIC ALGORITHM. International Journal of Computing, 0, , 151-159.	1.5	1
7124	A Still Modified Approach to PSO Using Crossover. International Journal of Computer Trends and Technology, 2014, 14, 32-35.	0.2	0
7125	Development of the tournament selection-based genetic algorithms with the aid of a new selection method. , 2014, , .		1
7127	An Approach to Optimal Distribution System Planning Through Conductor's Gradation for Productivity Improvement Using GA. International Journal of Scientific and Engineering Research, 2014, 5, 409-414.	0.1	0
7128	Novel Adaptive Evolutionary Computation Approaches to the Dynamic Economic Load Dispatch Problems with Non-Smooth Fuel Cost Function. International Journal of Computer Applications, 2014, 103, 11-18.	0.2	0
7129	Algoritmos genÃ©ticos celulares con operadores de recombinaciÃ³n aplicados a problemas de optimizaciÃ³n discretos. Informes CientÃficos Y TÃ©cnicos (Universidad Nacional De La Patagonia) Tj ETQq1 1 0.784314 rgBT /Overl		
7130	Minimizing the Total Stretch in Flow Shop Scheduling. Management Science and Financial Engineering, 2014, 20, 33-37.	0.1	2
7131	Resource Allocation Policies for Fault Detection and Removal Process. International Journal of Modern Education and Computer Science, 2014, 6, 52-57.	2.7	0
7132	Optimal Design of a Planar-Type Antenna with a Reduced Number of Design Parameters Using Taguchi Method and Adaptive Particle Swarm Optimization. Journal of Electrical Engineering and Technology, 2014, 9, 2019-2024.	2.0	1
7133	Evolutionary Algorithms for Wireless Communications â€" A Review of the State-of-the art. , 0, , .		6
7134	On-Time Internal Pedestrian Localization Algorithm Based on Ad-Hoc Networks. The Journal of Korean Institute of Communications and Information Sciences, 2014, 39C, 1000-1008.	0.1	1
7135	Using Genetic Algorithms in Integer Programming for Decision Support. Academic Journal of Interdisciplinary Studies, 2014, , .	0.6	0
7136	Stress Analysis, Design Formulation and Optimization of Crankpin of Single Cylinder Four Stroke Petrol Engine. SSRG International Journal of Engineering Trends and Technology, 2014, 18, 309-314.	0.5	1
7137	Multi-Objective Optimization Of Build-Operate-Transfer (BOT) Tender Problem For Private Sector Companies. Alphanumeric Journal, 2015, 2, .	0.7	1
7138	Simulation of Electricity Demand Function in Agricultural Sector: An Application of Genetic Algorithm (Case Study: Electricity-Fed Wells of Iran). Current World Environment Journal, 2014, 9, 623-631.	0.5	0
7139	An Optimized Combination of Ï€-fuzzy Logic and Support Vector Machine for Stock Market Prediction. Journal of Intelligence and Information Systems, 2014, 20, 43-58.	0.1	1
7140	Real-Time Scheduling of Flexible Manufacturing Systems Using Support Vector Machines and Case-Based Reasoning. Singaporean Journal of Business Economics and Management Studies, 2015, 3, 54-59.	0.2	2
7141	Supply of Order-1 Building Blocks for Functions Linearly Combined of Sinusoidal Bases with Integral Frequencies. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
7142	A Flexible and Simplified 2D Environment for Evolving Autonomous Virtual Creatures. , 2015, , .		0
7143	Chaos from Disorder: A Consumer's Guide to the Recent Literature. SSRN Electronic Journal, 0, , .	0.4	0
7144	NEURAL-NETWORK-BASED GENETIC ALGORITHM FOR OPTIMAL KITCHEN FAUCET STYLES. Neural Network World, 2015, 25, 387-404.	0.8	1
7146	Codebook Design Method Based on Minimax Optimization for Data Transmission over WCDMA Voice Channel. Journal of the Acoustical Society of Korea, 2015, 34, 82.	0.1	0
7147	Particle Swarm Optimization for Creating Self Organized Evolutionary Back Propagation Artificial Neural Networks. SSRN Electronic Journal, 0, , .	0.4	0
7148	Dynamic Feature Selection with Wrapper Model and Ensemble Approach based on Measures of Local Relevances and Group Diversity using Genetic Algorithm. , 2015, , .		2
7149	Optimal sizing of Battery Energy Storage System for household microgrid. , 2015, , .		1
7150	Assessment of Dendritic Cell Therapy Effectiveness Based on the Feature Extraction from Scientific Publications. , 2015, , .		3
7151	Parallelized Parameter Estimation of Biological Pathway Models. Lecture Notes in Computer Science, 2015, , 37-57.	1.3	4
7152	Non-Binary N-MSK Non-orthogonal Modulation for Wireless Communication. , 0, , .		1
7153	Memetic Type-2 Fuzzy System Learning for Load Forecasting. , 0, , .		3
7154	Multi-Objective Optimization using Microgenetic Algorithm Applied to the Placement of Remote and Manual Switches in Distribution Networks. , 2015, , .		0
7155	Research on the optimal initial shunt strategy of Jiuzhaigou based on the optimization model. Discrete and Continuous Dynamical Systems - Series S, 2015, 8, 1239-1249.	1.1	1
7156	The Research on Continuous Rigid Frame Bridge Girder Design Parameters impact Based On Orthogonal experiment. , 2015, , .		0
7157	Genetic Algorithm as Machine Learning for Profiles Recognition. , 2015, , .		2
7158	OPTIMASI GENETIC ALGORITHM DENGAN SIMULATED ANNEALING UNTUK MULTIPLE DEPOT CAPACITATED VEHICLE ROUTING PROBLEM. , 2015, , .		0
7159	Adaptive Data Communication Interface: A User-Centric Visual Data Interpretation Framework. SSRN Electronic Journal, 0, , .	0.4	0
7160	Machine Learning Algorithm for the Fitness Landscape Learning Evolutionary Computation. Transactions of the Institute of Systems Control and Information Engineers, 2015, 28, 189-197.	0.1	0

#	Article	IF	Citations
7161	Design of an Autonomous Intelligent Demand-Side Management System by using Electric Vehicles as Mobile Energy Storage Units by Means of Evolutionary Algorithms. , 2015, , .		0
7162	TimeNET Optimization Environment. , 2015, , .		3
7163	TESTING RESOURCE ALLOCATION FOR MODULAR SOFTWARE USING GENETIC ALGORITHM. International Journal of New Computer Architectures and Their Applications, 2015, 5, 29-38.	0.2	0
7164	Efficiency Analysis of Genetic Algorithm and Ant Colony Optimization Techniques for Travelling Salesman Problem. , 0, , .		0
7165	A personalized genetic algorithm with forgetting factor for intelligent test generation. , 2015, , .		0
7166	Prediction of Structural Patterns of Interest from Protein Primary Sequence through Structural Alphabet: Illustration to ATP/GTP Binding Site Prediction. Journal of Data Mining in Genomics & Proteomics, 2015, 06, .	0.5	0
7167	Evolution of Behavioral Logic of Artificial Individuals Using Cell-level Evolution Framework. Journal of Korean Institute of Intelligent Systems, 2015, 25, 22-28.	0.1	1
7168	Fault Location Effect on Short-Circuit Calculations of a TCVR Compensated Line in Algeria. International Journal of Electrical and Computer Engineering, 2015, 5, 1.	0.7	0
7169	Dimensional Synthesis of Four Bar Mechanism Using Genetic Algorithm. International Journal of Engineering Research, 2015, 4, 123-126.	0.1	2
7171	Local Accuracy Measurement for Face Recognition System using Numerous Classifier (PCA, GA and) Tj ETQq1 1 0.784314 rgBT /Overl	0.2	0
7172	Pengenalan Simbol Jarimatika Menggunakan Orientasi Histogram dan Multi-layer Perceptron. Creative Information Technology Journal, 2015, 1, 326.	0.2	0
7173	A Congestion Management Approach Using Probabilistic Power Flow Considering Direct Electricity Purchase. Journal of Electrical Engineering and Technology, 2015, 10, 820-831.	2.0	2
7174	The Hybrid ColorAnt-RT Algorithms and an Application to Register Allocation. Inteligencia Artificial, 2015, 18, 81-111.	0.8	0
7175	Estimation of Optimal Passenger Car Equivalents of TCS Vehicle Types for Expressway Travel Demand Models Using a Genetic Algorithm. International Journal of Highway Engineering, 2015, 17, 97-105.	0.1	0
7176	Optimization of Clusters of Web Query Sessions using Genetic Algorithm for Effective Personalized Web Search. International Journal of Computer Applications, 2015, 122, 9-17.	0.2	0
7177	Solving N Queen Problem using Genetic Algorithm. International Journal of Computer Applications, 2015, 122, 11-14.	0.2	5
7178	An improved Genetic Algorithm For Fuzzy Production PlanningProblems with Application. Journal of University of Human Development, 2015, 1, 390.	0.0	0
7179	Modelo Heurístico para Otimização de Rotas nos Serviços de Leitura de Hidrômetros. , 0, , .		0

#	Article	IF	Citations
7180	Noise Tolerant Stochastic Logic Gate Circuits Synthesis using Genetic Algorithms. International Journal of Computer Applications, 2015, 125, 1-5.	0.2	0
7181	Um Estudo Comparativo de EstratÃ©gias Evolutivas Aplicadas ao Problema de Roteamento Multicast. , 2015, , .		0
7182	Comparative Study of Genetic Algorithm Performed in a Single Generation for two Different Fitness Functions Technique f(x) = x^2 and f(x) = x^2+1. International Journal of Computer Applications, 2015, 128, 7-15.	0.2	0
7183	Control the Chaotic Rikitake System by PID Controller. International Journal of Electrical and Electronics Engineering, 2015, 2, 1-4.	0.1	1
7184	Factores predisponentes en relajaciÃ³n residual neuromuscular. Research in Computing Science, 2015, 93, 163-174.	0.1	1
7185	Genetic Algorithms with Fine Tuning. , 0, , .		0
7186	A GA based Software Test Data to Generator Suitable Test Cases. International Journal of Electronics, Mechanical and Mechatronics Engineering, 2015, 5, 1035-1042.	0.1	0
7187	Development of Resource-Driven Scheduling Model for Mass Housing Construction Projects. International Journal of Engineering and Technology, 2015, 7, 419-423.	0.2	0
7188	ClasificaciÃ³n semÃ¡ntica de textos no estructurados mediante un enfoque evolutivo. Research in Computing Science, 2015, 95, 49-59.	0.1	1
7189	Parallel Genetic Algorithm for Shortest Path Routing Problem with Collaborative Neighbors. CiÃªncia E Natura, 0, 37, 327.	0.0	2
7190	Genetic Based Hesitation Information Mining for Profitability Management. International Journal of Database Theory and Application, 2015, 8, 75-88.	0.2	1
7191	Exploiting Web Technologies to Connect Business Process Management and Engineering. , 2016, , .		1
7192	Encodings and Genetic Operators for Efficient Evolutionary Design of Digital Circuits - new. International Journal of Bio-Inspired Computation, 2016, 1, 1.	0.9	0
7193	A Hybrid Algorithm based on Invasive Weed Optimization and Particle Swarm Optimization for Global Optimization. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	3
7194	Error Optimization of Machine Vision based Tool Movement using a Hybrid CLONALG and PSO Algorithm. International Journal of Applied Metaheuristic Computing, 2016, 7, 65-78.	0.7	1
7195	Test Case Generation for Vulnerability Detection Using Genetic Algorithm. , 2016, , .		0
7196	A quantum-inspired evolutionary clustering algorithm for the lifetime problem of wireless sensor network. International Journal of Internet Technology and Secured Transactions, 2016, 6, 259.	0.4	0
7197	An improved OTSU method based on Genetic Algorithm. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
7198	Generating Maintenance Table Of Power Stations Using Genetic Algorithm. , 2016, , 1.		0
7199	Distributed query plan generation using multi-objective ant colony optimisation. International Journal of Artificial Intelligence and Soft Computing, 2016, 5, 241.	0.1	0
7200	Diversifying Techniques & Neutrality in Genetic Algorithms. , 2016, , .		0
7201	An Improved Genetic Algorithm for Task Scheduling in Distributed Computing System. , 2016, , .		0
7202	Modelling Cyber-Security Expertss Decision Making Processes Using Aggregation Operators. SSRN Electronic Journal, 0, , .	0.4	0
7203	Exploring the coevolution of predator and prey morphology and behavior. , 2016, , .		2
7204	An Application of Heuristic and Evolutionary Algorithms for Solving Some Practical Two-dimensional Bin Packing Problems. , 2016, , .		0
7205	ProgramaÃ§Ã£o Linear Inteira Mista e Algoritmo GenÃ©tico aplicados ao Problema de TransferÃªncia e Estocagem de Produtos em uma IndÃºstria PetrolÃfera. Sistemas & GestÃ£o, 2016, 10, 561-74.	0.1	0
7207	VPP Resource Commitment based on Evolutionary Algorithm. International Journal of Advanced Science and Technology, 2016, 88, 35-42.	0.3	0
7208	A Review on Wireless Data Center Management. International Journal of Computer Applications, 2016, 138, 9-14.	0.2	5
7209	Meta-Heuristic Algorithms to Solve Bi-Criteria Parallel Machines Scheduling Problem. International Journal of Applied Evolutionary Computation, 2016, 7, 76-96.	1.0	1
7210	Power System Stabilizer Design for Multi-machine Power System Using Genetic Algorithm. International Journal of Science and Engineering Applications, 2016, 5, 152-160.	0.1	0
7211	Design of Digital Low Pass IIR Filter using Real Coded Genetic Algorithm. Communications on Applied Electronics, 2016, 4, 1-4.	0.4	0
7212	Energy Aware Grid Scheduling for Dependent Task Using Genetic Algorithm. International Journal of Distributed Systems and Technologies, 2016, 7, 18-36.	0.7	0
7213	Modeling of higher order systems using artificial bee colony algorithm. International Journal of Optimization and Control: Theories and Applications, 2016, 6, 129-139.	1.7	3
7214	A Secured System for Information Hiding in Image Steganography using Genetic Algorithm and Cryptography. International Journal of Computer Applications, 2016, 144, 5-11.	0.2	1
7215	An archived firefly algorithm; a mathematical software to solve univariate nonlinear equations. The International Journal on Advances in ICT for Emerging Regions, 2016, 9, 24.	0.3	0
7216	Investigations of Electrostatic and Ionized Fields Analysis for Dual-Electrode System. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 3, 80.	0.8	1

#	ARTICLE	IF	CITATIONS
7217	New Genetic Algorithm to Predict Data In Mobile Databases. International Journal of Computer Applications Technology and Research, 2016, 5, 525-529.	0.1	0
7218	A Multi-Objective Optimization Algorithm to Predict Information in Mobile Databases. International Journal of Computer Applications Technology and Research, 2016, 5, 519-524.	0.1	0
7219	Optymalizacja procesu wiercenia otworów w elektronicznych płytach drukowanych przy użyciu algorytmu roju czą…stek. Przeglad Elektrotechniczny, 2016, 1, 12-15.	0.2	0
7220	HeuristicIoT: A Framework for Augmenting Heuristic Search Algorithms by Internet-of-Things Data. International Journal of Computing and Information Sciences, 2016, 12, 133-141.	0.1	2
7221	Artificial Intelligence based Solar Panel Tilt Angle Optimization and its Hardware Implementation for Efficiency Enhancement. International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering, 2016, 5, 7830-7842.	0.0	2
7222	The effect of single and double curvature in optimum design of slender reinforced concrete columns. , 2016, , .		0
7223	On theory and Performance of high throughput parallel block and Srandom interleavers for Turbo Codes. International Journal of Engineering and Computer Science, 0, , .	0.2	0
7224	Searching for Solutions to Fuzzy Logical Equation for Breakdown Diagnosis Using GA. DEStech Transactions on Environment Energy and Earth Science, 2016, , .	0.0	0
7225	Breast Cancer Diagnosis using Logic-based Fuzzy Neural Networks. , 2016, , .		1
7226	Application of Or-based Rule Antecedent Fuzzy Neural Networks to Iris Data Classification Problem. , 2016, , .		0
7227	Digital Image Watermarking Based on Genetic Algorithm Approach. International Journal of Computer & Organization Trends, 2016, 38, 1-4.	0.1	0
7229	Significant Enhancement of Segmentation Efficiency of Retinal Images Using Texture-Based Gabor Filter Approach Followed by Optimization Algorithm. International Journal of Computer Vision and Image Processing, 2017, 7, 44-58.	0.4	0
7230	Topological Design via a Rule Based Genetic Optimization Algorithm. American Journal of Computational Mathematics, 2017, 07, 291-320.	0.5	2
7231	A Proposal for Distributed Interactive Genetic Algorithm for Composition of Musical Melody. Information Engineering Express, 2017, 3, 59-68.	0.2	5
7232	Applying GA and Fuzzy Logic to Breakdown Diagnosis for Spinning Process. Intelligent Information Management, 2017, 09, 21-38.	0.5	1
7233	Survey of Metaheuristics and Statistical Methods for Multifactorial Diseases Analyses. AIMS Medical Science, 2017, 4, 291-331.	0.4	3
7235	Enhanced colliding bodies optimisation-based optimal design of wideband digital integrators and differentiators. International Journal of Bio-Inspired Computation, 2017, 9, 165.	0.9	3
7236	A Simple Method for Land Grading Computations and its Comparison with Genetic Algorithm (GA) Method. International Journal of Research Studies in Agricultural Sciences, 2017, 3, .	0.1	4

#	Article	IF	Citations
7237	Discussions of a Preliminary Hand Hygiene Compliance Monitoring Application-as-a-service. , 2017, , .		4
7238	New Approaches for Teaching Irrigation Scheduling â€" Improving Understanding through Modeling Applications. International Journal of Information and Education Technology, 2017, 7, 95-99.	1.2	0
7239	Use SUMO Simulator for the Determination of Light Times in Order to Reduce Pollution. Advances in Computational Intelligence and Robotics Book Series, 2017, , 227-240.	0.4	0
7240	Effect of Variations in the Population Size and Generations of Genetic Algorithms in Cryptography â€" An Empirical Study. Indian Journal of Science and Technology, 2017, 10, 1-6.	0.7	1
7241	Review of Genetic Algorithm and Application in Software Testing. International Journal of Computer Applications, 2017, 160, 1-6.	0.2	2
7242	Cryptanalysis of Nonlinear Stream Cipher Cryptosystem based on Improved Particle Swarm Optimization. International Journal of Applied Information Systems, 2017, 11, 43-52.	0.1	4
7243	Una propuesta para diversificar el campo de aplicaciÃ³n de un algoritmo Hill Climbing. Informes CientÃficos Y TÃ©cnicos (Universidad Nacional De La Patagonia Austral), 2017, 9, 102-114.	0.1	0
7244	PSO Optimization of the Controller Parameters for an Inherently Unstable Attraction Type Levitation System. International Journal of Engineering and Technology, 2017, 9, 1218-1230.	0.1	0
7245	Image Segmentation using Canny Edge and finding the Tumor Area inÂImage using Hierarchical Clustering. International Journal of Computer Applications, 2017, 167, 9-12.	0.2	0
7246	Scheduling Customized Orders: A Case Study at BEST Transformers Company. , 0, , .		0
7247	Optical Character Recognition based on Genetic Algorithms and Machine Learning. International Journal of Computer Applications, 2017, 172, 33-36.	0.2	0
7248	Finding Robust Solutions to Stable Marriage. , 2017, , .		3
7249	A METHOD BUILD FUZZY ASSOCIATE MEMORY FOR FUZZY CONTROL PROBLEMS. ASEAN Journal on Science and Technology for Development, 2008, 25, 281-294.	0.5	0
7250	Predicting the Age of Abalone using Morphological Neural Networks. , 2017, , .		0
7251	Application of Hierarchical Fuzzy Neural Networks to Glass Identification. , 2017, , .		0
7252	Decision Making Approaches for Complex Adaptive Systems in Built Environment. International Journal of Management and Applied Research, 2017, 4, 222-232.	0.1	1
7253	Using Reference Point-Based NSGA-II to System Reliability. International Journal of Computer Sciences and Engineering, 2017, 5, 7-14.	0.1	2
7254	Using genetic algorithms for long-term planning of network of bridges. Scientia Iranica, 2017, .	0.4	2

#	ARTICLE	IF	CITATIONS
7255	Intelligent PSO-based PDs/PIDs controllers for an unmanned quadrotor. International Journal of Intelligent Engineering Informatics, 2018, 6, 548.	0.1	2
7256	Mathematical modeling and control of lower extremity exoskeleton. Biomedical Research (Aligarh,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.1	3
7257	Particle swarm optimisation with time varying cognitive avoidance component. International Journal of Computational Science and Engineering, 2018, 16, 27.	0.5	3
7258	Morphological Neural Network-based Intelligent Diagnosis of Heart Disease. , 2018, , .		0
7259	Tracking Economic Growth by Evolving Expectations via Genetic Programming: A Two-Step Approach. SSRN Electronic Journal, 0, , .	0.4	0
7260	Maze Navigation via Genetic Optimization. Intelligent Information Management, 2018, 10, 1-15.	0.5	0
7261	Moving sliding mode control for sEMG based prosthetic hand. Biomedical Research (Aligarh, India), 2018, 29, .	0.1	1
7262	PathMiner Powered Predictable Packet Processing. , 2018, , .		0
7263	Ordered weighted averaging operator used to enhance the accuracy of fuzzy predictor based on genetic algorithm. International Journal of Intelligent Systems Technologies and Applications, 2018, 17, 229.	0.2	0
7264	An Evolutionary Model for Optimizing Rail Transit Station Locations. , 2018, , .		0
7265	Individual Parameter Selection Strategy for Artificial Algae Algorithm (AAA). Journal of Computers, 2018, , 450-460.	0.4	0
7266	Radial Basis Function Network versus Regression Model in Manufacturing Processes Prediction. Open Access Biostatistics & Bioinformatics, 2018, 1, .	0.0	1
7267	Soft Computing Techniques and Applications in Electrical Drives Fuzzy logic, and Genetic Algorithm. Helix, 2018, 8, 3285-3289.	0.1	2
7268	Optimización de portafolios de inversión con costos de transacción utilizando un algoritmo genético multiobjetivo: caso aplicado a la Bolsa de Valores de Colombia. Estudios Gerenciales, 0, , 74-87.	0.5	2
7269	A Novel Algorithm for Association Rule Hiding. International Journal of Information Engineering and Electronic Business, 2018, 10, 45-50.	1.2	11
7271	Investigating the Intelligent Methods of Loss Minimization in Induction Motors. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 1034.	0.8	2
7272	Optimal Synthesis of a Four-bar Linkage for Human Gait Rehabilitation. DEStech Transactions on Environment Energy and Earth Science, 2018, , .	0.0	0
7274	Genetic algorithm based optimization for system of nonlinear equations. International Journal of Advanced Technology and Engineering Exploration, 2018, 5, 187-194.	0.6	2

#	ARTICLE	IF	CITATIONS
7276	Scheduling Customized Orders by Considering the Ergonomic Constraints: A Case Study at YEMTAR Company. , 0, , .		0
7277	A Study on the Methods for Finding Initial Equilibrium Position of a Lifting Block for the Safe Erection. Journal of the Society of Naval Architects of Korea, 2018, 55, 297-305.	0.5	1
7279	System identification and HSDBC-optimized PID control of a portable lower-limb rehabilitation device. , 2018, , .		0
7280	RBF-BASED LASER SPECKLE PATTERN DIGITAL IMAGE CORRELATION METHOD FOR SURFACE STRAIN MEASUREMENTS. , 2018, , .		0
7281	Algorithms for the estimation of the region of attraction with positively invariant sets. , 2018, , .		0
7283	Multi-Objective Scheduling Using Genetic Algorithms. International Journal of Engineering and Technology, 2018, 10, 1321-1329.	0.1	0
7284	Modern stable mathematical and software-based methods for distorted spectra restoration. Scientific and Technical Journal of Information Technologies, Mechanics and Optics, 2018, 18, 911-931.	0.2	1
7285	Phase Unwrapping for 3D Object Reconstruction by means of Population-based Metaheuristics. Research in Computing Science, 2018, 147, 21-30.	0.1	1
7286	Heuristics Applied to Mutation Testing in an Impure Functional Programming Language. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	0
7287	Design and Development of an Industrial Solver for Integrated Planning of Production and Logistics. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	0
7288	Localized Island Model Genetic Algorithm in Population Diversity Preservation. , 0, , .		0
7289	Using of evolutional algorithms for searching optimal classifications. Visnyk of Zaporizhzhya National University Physical and Mathematical Sciences, 2019, , 62-68.	0.0	0
7290	Multi-Objective Optimization of the Dressing Parameters in Fine Cylindrical Grinding. Strojniski Vestnik/Journal of Mechanical Engineering, 0, , .	1.1	0
7291	Machine Learning in Biomedical Informatics. , 2019, , 389-399.		0
7292	Predicting Nigerian Stock Returns using Technical Analysis and Machine Learning. European Journal of Electrical Engineering and Computer Science, 2019, 3, .	0.5	4
7293	Optimization of a Space Truss Dome - Genetic Algorithms. , 2019, , 543-546.		0
7294	ASSESSING SOFTWARE RELIABILITY USING GENETIC ALGORITHMS. Journal of Engineering Research, 2019, 16, 11.	0.2	5
7295	An Adaptive Algorithm for Image Encryption: Pseudo Random Generator with Crossover of Genetic Algorithm. , 0, , .		0

#	ARTICLE	IF	CITATIONS
7296	Informed Search Patterns For Alleviating The Impact Of The Localisation Problem. , 2019, , .		3
7297	OPTIMISATION OF THE CALIBRATION PROCESS OF A K-TLS BASED MULTI-SENSOR-SYSTEM BY GENETIC ALGORITHMS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W13, 1655-1662.	0.2	4
7298	Genetic Algorithm for Shortest Path Optimization In Network. International Journal of Scientific and Research Publications, 2019, 9, p9188.	0.0	1
7300	Algoritmo de recocido simulado generalizado para Matlab. IngenierÃa Y Ciencia, 2018, 15, 117-140.	0.3	1
7301	Artificial Intelligence-Based Optimal PID Controller Design for BLDC Motor with Phase Advance. Indonesian Journal of Electrical Engineering and Informatics, 2020, 7, .	0.3	0
7302	Using Evolutionary Algorithms to Achieve Sustainable Solutions through Household Appliances. Journal of Modeling and Optimization, 2019, 11, 69-76.	0.8	0
7303	Evolutionary Training of Deep Belief Networks for Handwritten Digit Recognition. Research in Computing Science, 2019, 148, 115-131.	0.1	1
7304	AN INTEGRATED APPROACH BASED ON A BI-LEVEL GENETIC ALGORITHM AND A COMBINED ZONE- LP FOR THE FACILITY LAYOUT PROBLEM. South African Journal of Industrial Engineering, 2019, 30, .	0.2	2
7305	A self-adaptive mechanism using weibull probability distribution to improve metaheuristic algorithms to solve combinatorial optimization problems in dynamic environments. Mathematical Biosciences and Engineering, 2020, 17, 975-997.	1.9	3
7306	Didactic use of genetic algorithms: a model for teaching robotics. Revista Brasileira De Ensino De CiÃªncia E Tecnologia, 2020, 13, .	0.0	0
7307	A Heuristic Methodology for Optimal Deployment of Radar Systems in a Constrained Area of Operation. Defence Science Journal, 2020, 70, 412-418.	0.8	3
7308	Distribution Network Reconfiguration and Multi Renewable DG Planning based on MOFF approach using PSO Technique. , 2020, , .		1
7309	Hierarchical Lazy Greedy Algorithm for Weapon Target Assignment. Journal of the Korea Institute of Military Science and Technology, 2020, 23, 381-388.	0.2	1
7310	A Rank based Adaptive Mutation in Genetic Algorithm. International Journal of Computer Applications, 2020, 175, 49-55.	0.2	2
7311	Hybridized Design For Feature Optimization and Reduction of Intrusion Detection Systems Alert in a Correlation Framework. International Journal of Innovative Science and Research Technology, 2020, 5, 1051-1055.	0.1	0
7312	SATA: An Intelligent Security Aware Task Allocation for Multihop Wireless Networks. , 2020, , .		1
7314	Parkinsonâ€™s Disease Diagnosis using Spiral Test on Digital Tablets. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	0
7315	Numerical Simulation of Optimal Power Flow in IEEE-118 Bus System Using Improved Cuckoo Search Algorithm. , 2020, , .		0

#	Article	IF	Citations
7317	ANN and elements of differential games in the model of regulated wheel slippage process in a braking mode. , 2020, , .		0
7318	An Evolutionary Algorithm Inspired by Evolution of Birdsong Grammars to Quickly Obtain Practical Solutions to Large-scaled Problems. , 2020, , .		0
7319	Scalable Partial-ACO Applied to Fleet Optimisation: Sampling and Multi-Colony Approaches. , 2020, , .		1
7320	Optimal Planning of Hybrid Microgrid-A Validation. , 2020, , .		1
7321	Discovering rock mechanical knowledge using auto-extracting methods. , 2020, , 459-462.		0
7322	Breast tumor parameter estimation and interactive 3D thermal tomography using discrete thermal sensor data. Biomedical Physics and Engineering Express, 2021, 7, 015013.	1.2	4
7323	Cost optimization of reinforced concrete frames using genetic algorithms. International Journal of Optimization and Control: Theories and Applications, 2021, 11, 59-67.	1.7	3
7324	MATHEMATICAL MODEL OF RELIABILITY OF INFORMATION PROCESSING COMPUTER APPLIANCES FOR REAL-TIME CONTROL SYSTEMS. Siberian Journal of Science and Technology, 2020, 21, 296-302.	0.1	2
7325	Does an Artificial Intelligence Perform Market Manipulation With Its Own Discretion? â€" A Genetic Algorithm Learns in an Artificial Market Simulation -. SSRN Electronic Journal, 0, , .	0.4	1
7326	A Comparative Study of Eight Crossover Operators for the Maximum Scatter Travelling Salesman Problem. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	3
7327	Evolving SNP Panels for Genomic Prediction. Genetic and Evolutionary Computation, 2020, , 467-487.	1.0	1
7328	Adjusting Impression of Warning Alert by Optimizing Sound Effectors Using Interactive Differential Evolution. International Journal of Affective Engineering, 2020, 19, 275-282.	0.5	0
7329	Introduction to Genetic Algorithm with a Simple Analogy. Modeling and Optimization in Science and Technologies, 2020, , 27-34.	0.7	2
7330	An Alternative Route-Finding Technique to Bypass Localities Affected by Communicable Diseases. , 2021, , .		0
7331	Predição de tendências em séries financeiras utilizando metaclassificadores. Economia Aplicada, 2020, 24, 29-78.	0.1	1
7332	Exploring the Effect of Imaging Techniques Extension to PSO on Neural Networks. International Journal of Image Graphics and Signal Processing, 2020, 12, 9-18.	1.2	0
7333	The WSR-88D Inanimate Hydrometeor Class. Journal of Applied Meteorology and Climatology, 2020, 59, 841-858.	1.5	3
7334	Optimization of Demand and Supply Equilibrium equation by using Salp Swarm Algorithm. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
7335	Thrust Allocation of Dynamic Positioning based on Improved Differential Evolution Algorithm. , 2020, , .		4
7336	OPTIMIZATION OF DOUBLY REINFORCED BEAM DESIGN USING SIMULATED ANNEALING. Journal of Engineering Studies and Research, 2020, 26, 135-142.	0.1	0
7337	A genetics-based approach to fuzzy clustering. , 0, , .		12
7338	An optimised fuzzy logic controller. , 0, , .		2
7339	Multi-resolution genetic algorithm and its application in motion estimation. , 0, , .		0
7340	Improving the modeling process. , 0, , .		0
7341	Exploring genetic programming for modeling character shape. , 0, , .		0
7342	Population dynamics in a radically epistatic genetic system. , 0, , .		0
7344	Studying Artificial Life Using a Simple, General Cellular Model. Artificial Life, 1994, 2, 1-35.	1.3	9
7345	Selection for Wandering Behavior in a Small Robot. Artificial Life, 1994, 2, 101-116.	1.3	12
7346	Optimisation of a simulated-annealing-based heuristic for single row machine layout problem by genetic algorithm. International Transactions in Operational Research, 1996, 3, 37-49.	2.7	8
7348	Learning and complexity in genetic auto-adaptive systems. Physica D: Nonlinear Phenomena, 1995, 80, 154-170.	2.8	4
7350	The Effect of Oscillating Population Size and Re-initialization on the Performance of Genetic Algorithms. , 0, , .		1
7351	Multiobjective Evolutionary Algorithms in Pump Scheduling Optimisation. , 0, , .		7
7352	Encoding neural networks for GA based structural construction. , 0, , .		2
7353	Migrational GA that preserves solutions in non-static optimization problems. , 0, , .		2
7354	A Note on the Extended Rosenbrock Function. Evolutionary Computation, 2006, 14, 119-126.	3.0	51
7356	Some Key Issues in Using Bond Graphs and Genetic Programming for Mechatronic System Design. , 2001, , .		1

#	ARTICLE	IF	CITATIONS
7357	Robust Mask-Layout and Process Synthesis Through an Evolutionary Algorithm. , 2000, , .		0
7358	Hybrid driven strategy for constrained evolutionary multi-objective optimization. Information Sciences, 2022, 585, 344-365.	6.9	11
7359	Bayesian network-based spatial predictive modelling reveals COVID-19 transmission dynamics in Eswatini. Spatial Information Research, 2022, 30, 183-194.	2.2	3
7360	Two-Sided Search, Heterogeneous Skills and Labor Market Performance. SSRN Electronic Journal, 0, , .	0.4	2
7361	Multi-objective optimization of mixed model assembly line balancing in an assemble-to-order industry with stochastic environment. International Journal of Engineering, Science and Technology, 2020, 12, 90-107.	0.6	0
7362	Analysis of Relation between Prediction Accuracy of Surrogate Model and Search Performance on Extreme Learning Machine Assisted MOEA/D. , 2020, , .		1
7363	Hybrid Approach to Design of Two Dimensional Stable IIR Digital Filter. Algerian Journal of Signals and Systems, 2020, 5, 148-152.	0.3	1
7364	On a Self-Adaptive Step-Down Converter Architecture for On-line EMI Reduction. , 2020, , .		0
7365	MCS-MCMC for Optimising Architectures and Weights of Higher Order Neural Networks. International Journal of Intelligent Systems and Applications, 2020, 12, 52-72.	1.1	2
7366	Parallel Evolutionary Algorithm for Coordinated Tuning of Exciter Controllers and a group of Static Var Compensators. , 2020, , .		1
7367	Fuzzy-Optimal Online Control of a Mobile Robot in the Obstacle Avoidance Problem. , 2020, , .		0
7368	Turkish Music Generation using Deep Learning. , 2020, , .		1
7369	The Method of Random Directions Optimization for Stereo Audio Source Separation. , 0, , .		0
7370	Crossover Operation of Random Drift Particle Swarm Optimization. , 2020, , .		0
7371	Evolutionary Generative Contribution Mappings. , 2020, , .		1
7372	Stochastic Schemata Exploiter-Based Optimization of Convolutional Neural Network. , 2020, , .		3
7373	Fast Convergence Bio-Inspired Traffic Grooming for Energy-Efficient IP-over-WDM Networks. , 2020, , .		0
7374	Research On Genetic Algorithm Of Mechanical Structure Optimization Of Weight Reduction System. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
7375	From Reward to Histone: Combining Temporal-Difference Learning and Epigenetic Inheritance for Swarm's Coevolving Decision Making. , 2020, , .		1
7376	Adjustment of an Epidemiological Cellular Automata-based Model using Genetic Algorithm. , 2020, , .		0
7377	Genetic Algorithm Applied to Discrete Optimization of Band-Pass Microwave Filter. , 2020, , .		1
7378	Deep Forest Regression Based on Dynamic State Transition Optimization Algorithm. , 2020, , .		0
7379	Priority Flow Admission and Routing in SDN: Exact and Heuristic Approaches. , 2020, , .		1
7380	Research on Bandwidth Allocation for Synchronization System. , 2020, , .		0
7381	Artificial Intelligence and Optimisation Techniques for Risk Reduction in Civil Engineering. Advances in E-Business Research Series, 2022, , 55-72.	0.4	0
7388	Three-body renormalization group limit cycles based on unsupervised feature learning. Machine Learning: Science and Technology, 2022, 3, 025003.	5.0	1
7389	Design Optimization of a Dual-Bleeding Recirculation Channel to Enhance Operating Stability of a Transonic Axial Compressor. Energies, 2022, 15, 159.	3.1	3
7390	Ensuring reliable connectivity to cellular-connected UAVs with up-tilted antennas and interference coordination. ITU Journal, 2021, 2, 165-185.	1.0	5
7393	What brought us here?. , 0, , 3-32.		0
7394	Improvement of Effectiveness of High-Current Lines Optimization by Modification of Genetic Algorithms and Paralleling of the Computation Process. , 2005, , 19-24.		0
7395	Multi-criteria Optimization of Finite State Automata: Maximizing Performance while Minimizing Description Length. , 0, , 255-271.		0
7396	Characterizing Gene Expression Time Series using a Hidden Markov Model. , 2004, , 37-50.		0
7397	Analysis of Large-Scale mRNA Expression Data Sets by Genetic Algorithms. , 2004, , 51-66.		0
7398	GA APPLICATION TO DETERMINE OPTIMAL PUMPING POLICY IN HETEROGENEOUS UNCONFINED AQUIFER. , 0, , 1-13.		0
7414	A Crcd Experience: Integrating Machine Learning Concepts Into Introductory Engineering And Science Programming Courses. , 0, , .		2
7415	Teaching Genetic Algorithms With A Graphical User Interface. , 0, , .		1

#	ARTICLE	IF	CITATIONS
7416	An evolutionary approach to airline crew scheduling. , 0, , .		0
7417	A genetic algorithm for the generation of equifrequently occurring groups of attributes. , 0, , .		0
7419	A Genetic Algorithm based Control Strategy for the Energy Management Problem in PHEVs. , 0, , .		0
7455	Scheduling the Production Obtained by Means of Production Processes Organised in Variable Flow. , 0, , 313-324.		0
7456	Video Content-Based Retrieval Techniques. , 0, , 114-155.		1
7457	AGE-P. , 0, , 182-203.		0
7458	Collapse Load of Optimally Designed Unbraced Flexibly Connected Steel Frames. , 0, , .		0
7459	Optimum Design of Pitched Roof Steel Frames with Haunched Rafters by Genetic Algorithm. , 0, , .		0
7460	Discrete Optimization of Two-Dimensional Laminated Composite Plate and Shell Structures. , 0, , .		0
7461	Multi-Objective Topology Optimization of Structures. , 0, , .		0
7462	Application of FEV Method and Genetic Algorithm in Optimization of Resin Hardening Technological Processes. , 0, , .		0
7463	Application of Grammatical Evolution to the Determination of Constitutive Equations. , 0, , .		0
7464	A New Evolutionary Strategy for Pareto Multi-Objective Optimization. , 0, , .		1
7465	Gradient-Enhanced Metamodels and Multiparametric Strategies for Designing Structural Assemblies. , 0, , .		0
7466	Handling Linear Constraints in Genetic Algorithms. , 0, , .		0
7472	Multiobjective optimization and multivariable control of the beer fermentation process with the use of evolutionary algorithms. Journal of Zhejiang University Science B, 2004, 5, 378-89.	0.4	11
7473	How will clinical practice be impacted by artificial intelligence?. European Journal of Dermatology, 2019, 29, 8-10.	0.6	3
7474	An evolutionary and visual framework for clustering of DNA microarray data. Journal of Integrative Bioinformatics, 2013, 10, 232.	1.5	0

#	ARTICLE	IF	CITATIONS
7475	Monitoring and digital design of the cooling crystallization of a high-aspect ratio anticancer drug using a two-dimensional population balance model. Chemical Engineering Science, 2022, 257, 117700.	3.8	9
7476	Self-Improvable Computer System Model and Architecture Based on Reconfigurable Hardware, Automatic Design and Synthesis Tools and Artificial Intelligence Technologies. , 2021, 2864, 356-367.		0
7477	Topology optimization for two-dimensional structures using boundary cycles in homology theory. Mechanical Engineering Journal, 2022, , .	0.4	0
7480	Optimization of composite panels using neural networks and genetic algorithms. , 2003, , 2359-2363.		2
7485	Using genetic algorithms to establish efficient walking gaits for an eight-legged robot. International Journal of Systems Science, 2001, 32, 703-713.	5.5	2
7486	Understanding genetic algorithm dynamics using harvesting strategies. Physica D: Nonlinear Phenomena, 1994, 79, 132-145.	2.8	0
7487	How to keep good schemata using cross-over operators for permutation problems. International Transactions in Operational Research, 2000, 7, 637-651.	2.7	2
7488	A comparison of optimization heuristics for the data mapping problem. Concurrency and Computation: Practice and Experience, 1997, 9, 319-343.	0.5	0
7489	A Study of Structural and Parametric Learning in XCS. Evolutionary Computation, 2006, 14, 1-19.	3.0	1
7490	Automated Optimal Design of Mechanical Conformational Switches. Artificial Life, 1995, 2, 129-156.	1.3	4
7491	Subassembly Generation via Mechanical Conformational Switches. Artificial Life, 1995, 2, 377-416.	1.3	3
7492	Multiple von Neumann Computers: An Evolutionary Approach to Functional Emergence. Artificial Life, 1997, 3, 121-142.	1.3	2
7494	Application of genetic algorithms to an inversion of surface-wave dispersion data. Bulletin of the Seismological Society of America, 1996, 86, 436-444.	2.3	156
7497	Genetic Algorithm Optimization of Deep Structured Classifier-Predictor Models for Pressure Transient Analysis. Journal of Energy Resources Technology, Transactions of the ASME, 2023, 145, .	2.3	8
7498	Remote Sensing Image Processing. Synthesis Lectures on Image, Video, and Multimedia Processing, 2012, , .	0.9	51
7499	Complexity reduction of RBF multiuser detector for DS-CDMA using a genetic algorithm. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , .	1.4	0
7500	Frequency Domain Hybrid Finite Element Methods for Electromagnetics. Synthesis Lectures on Computational Electromagnetics, 2006, , .	0.2	17
7501	Comparison study on VQ codevector index assignment. , 0, , .		2

#	ARTICLE	IF	CITATIONS
7502	Symbolic regression of crop pest forecasting using genetic programming. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , .	1.4	1
7503	Derivative-Free Optimization via Classification. Proceedings of the AAAI Conference on Artificial Intelligence, 2016, 30, .	4.9	29
7504	Stock Price Crash Warning in the Chinese Security Market Using a Machine Learning-Based Method and Financial Indicators. Systems, 2022, 10, 108.	2.3	6
7505	Insulator Leakage Current Prediction Using Hybrid of Particle Swarm Optimization and Gene Algorithm-Based Neural Network and Surface Spark Discharge Data. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.7	2
7506	Application of machine vision for tool condition monitoring and tool performance optimization—a review. International Journal of Advanced Manufacturing Technology, 2022, 121, 7057-7086.	3.0	16
7508	Thermoeconomic optimization of cascade refrigeration system using computational intelligence techniques. Journal of Thermal Analysis and Calorimetry, 0, , .	3.6	0
7509	A new circular-maze-shaped phononic crystal with multiband and broadband vibration filtration feature: design and experiment. Acta Mechanica, 2022, 233, 4961-4983.	2.1	2
7510	Building Placement Optimization in Real-Time Strategy Games. Proceedings, 2014, 10, 2-7.	0.8	3
7511	Optimized Job Scheduling approach based on Genetic algorithms in smart Grid environment. , 2017, 9, .		0
7512	Flow distribution optimization of parallel pumps based on improved mayfly algorithm. Journal of Intelligent and Fuzzy Systems, 2022, , 1-19.	1.4	0
7513	A Multiobjective And Interactive Genetic Algorithm To Optimize The Building Form In Early Design Stages. , 2013, , .		2
7515	Parameter Identification of a Fed-Batch Cultivation of S. Cerevisiae using Genetic Algorithms. , 2010, 4, 11-18.		0
7516	Decoding of Block Codes by using Genetic Algorithms and Permutations Set. , 2013, 5, .		9
7517	Various Optimization Algorithms for Enhancing Network Lifetime in LEACH Protocol in WSN. , 2022, , .		1
7525	Feasible Task Schedules With Minimum Project Cost Solved By A Genetic Algorithm. , 2015, 6, .		0
7526	Investigation of buckling response of variable angle fiber composite plates using differential evolution. International Journal on Interactive Design and Manufacturing, 0, , .	2.2	0
7527	Distributed Bayesian: A Continuous Distributed Constraint Optimization Problem Solver. Journal of Artificial Intelligence Research, 0, 76, 393-433.	7.0	1
7532	Mean-field Particle Swarm Optimization. Lecture Notes Series, Institute for Mathematical Sciences, 2023, , 127-193.	0.2	4

#	ARTICLE	IF	CITATIONS
7536	Comparison of Derivative-Free Optimization: Energy Optimization of Steam Methane Reforming Process. International Journal of Energy Research, 2023, 2023, 1-20.	4.5	1
7537	Optimization of the redundancy allocation problem: Genetic algorithm and Monte Carlo simulation with discrete events. Journal of the Faculty of Engineering and Architecture of Gazi University, 2023, 39, 535-548.	0.8	0
7538	An efficient optimization strategy for vapor compression–absorption-based cascaded refrigeration system using various evolutionary techniques. International Journal of Green Energy, 2024, 21, 1185-1200.	3.8	0
7539	AI based parameter estimation of ML model using Hybrid of Genetic Algorithm and Simulated Annealing. , 2023, , .		0