

Kusum Deep

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

159
papers

3,236
citations

28
h-index

53
g-index

171
ext. papers

4,040
ext. citations

2.3
avg, IF

6.55
L-index

#	Paper	IF	Citations
159	Gompertz PSO variants for Knapsack and Multi-Knapsack Problems. <i>Applied Mathematics</i> , 2021 , 36, 611-630	6.3	1
158	Single and multi-objective optimization of nanofluid flow in flat tube to enhance heat transfer using antlion optimizer algorithms. <i>International Journal of Systems Assurance Engineering and Management</i> , 2021 , 12, 1026	1.3	
157	Discrete Grey Wolf Optimizer for symmetric travelling salesman problem. <i>Applied Soft Computing Journal</i> , 2021 , 105, 107298	7.5	12
156	Opposition-based Laplacian Equilibrium Optimizer with application in Image Segmentation using Multilevel Thresholding. <i>Expert Systems With Applications</i> , 2021 , 174, 114766	7.8	14
155	Harmonized salp chain-built optimization. <i>Engineering With Computers</i> , 2021 , 37, 1049-1079	4.5	39
154	Opposition-based learning Harris hawks optimization with advanced transition rules: principles and analysis. <i>Expert Systems With Applications</i> , 2020 , 158, 113510	7.8	43
153	A memory guided sine cosine algorithm for global optimization. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 93, 103718	7.2	31
152	A memory-based Grey Wolf Optimizer for global optimization tasks. <i>Applied Soft Computing Journal</i> , 2020 , 93, 106367	7.5	53
151	Accelerated grey wolf optimiser for continuous optimisation problems. <i>International Journal of Swarm Intelligence</i> , 2020 , 5, 22	0.3	2
150	Sine cosine grey wolf optimizer to solve engineering design problems. <i>Engineering With Computers</i> , 2020 , 37, 3123	4.5	31
149	A modified Sine Cosine Algorithm with novel transition parameter and mutation operator for global optimization. <i>Expert Systems With Applications</i> , 2020 , 154, 113395	7.8	53
148	Performance Analysis of Whale Optimization Algorithm Based on Strategy Parameter. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 15-30	0.4	1
147	Optimization of Lycopene Extraction from Tomato Processing Waste Skin Using Harmony Search Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 141-154	0.4	1
146	An Implementation of Three-level Multi-objective ABC Algorithm for RNA Multiple Structural Alignment. <i>Recent Advances in Computer Science and Communications</i> , 2020 , 13, 68-76	0.6	
145	ReliabilityRedundancy Allocation Using Random Walk Gray Wolf Optimizer. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 941-959	0.4	8
144	A novel hybrid sine cosine algorithm for global optimization and its application to train multilayer perceptrons. <i>Applied Intelligence</i> , 2020 , 50, 993-1026	4.9	33
143	An efficient equilibrium optimizer with mutation strategy for numerical optimization. <i>Applied Soft Computing Journal</i> , 2020 , 96, 106542	7.5	34

142	Enhanced leadership-inspired grey wolf optimizer for global optimization problems. <i>Engineering With Computers</i> , 2020 , 36, 1777-1800	4.5	22
141	Opposition-based antlion optimizer using Cauchy distribution and its application to data clustering problem. <i>Neural Computing and Applications</i> , 2020 , 32, 6967-6995	4.8	8
140	Hybrid sine cosine artificial bee colony algorithm for global optimization and image segmentation. <i>Neural Computing and Applications</i> , 2020 , 32, 9521-9543	4.8	28
139	Optimal Coordination of Overcurrent Relays Using Improved Leadership-Based Grey Wolf Optimizer. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 2081-2091	2.5	11
138	Process optimization of biodiesel production using antlion optimizer. <i>Journal of Information and Optimization Sciences</i> , 2019 , 40, 1281-1294	1.1	3
137	An Efficient Grey Wolf Optimizer with Opposition-Based Learning and Chaotic Local Search for Integer and Mixed-Integer Optimization Problems. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 7277-7296	2.5	15
136	Artificial Bee Colony algorithm with improved search mechanism. <i>Soft Computing</i> , 2019 , 23, 12437-12460	3.5	6
135	Accelerated Opposition-Based Antlion Optimizer with Application to Order Reduction of Linear Time-Invariant Systems. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 2213-2241	2.5	23
134	An Efficient Bi-Level Discrete PSO Variant for Multiple Sequence Alignment. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 797-807	0.4	2
133	Portfolio optimization using Laplacian biogeography based optimization. <i>Opsearch</i> , 2019 , 56, 1117-1141	1.6	3
132	Solution of Optimization Problems in Fuzzy Background Using HVPSO Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 495-508	0.4	
131	Use of Improved Gravitational Search Algorithm for 3D Reconstruction of Space Curves Using NURBS. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 185-197	0.4	
130	A Novel CPU Scheduling Algorithm Based on Ant Lion Optimizer. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 339-353	0.4	1
129	Minimization of Makespan for Parallel Machines Using PSO to Enhance Caching of MSA-Based Multi-query Processes. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 193-205	0.4	1
128	Improved Grey Wolf Optimizer Based on Opposition-Based Learning. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 327-338	0.4	2
127	Hybrid Grey Wolf Optimizer with Mutation Operator. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 961-968	0.4	15
126	Exploration-exploitation balance in Artificial Bee Colony algorithm: a critical analysis. <i>Soft Computing</i> , 2019 , 23, 9525-9536	3.5	14
125	Improved sine cosine algorithm with crossover scheme for global optimization. <i>Knowledge-Based Systems</i> , 2019 , 165, 374-406	7.3	96

124	An opposition-based chaotic Grey Wolf Optimizer for global optimisation tasks. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2019 , 31, 751-779	2	28
123	A Survey on Parallel Particle Swarm Optimization Algorithms. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 2899-2923	2.5	49
122	A hybrid self-adaptive sine cosine algorithm with opposition based learning. <i>Expert Systems With Applications</i> , 2019 , 119, 210-230	7.8	119
121	A novel Random Walk Grey Wolf Optimizer. <i>Swarm and Evolutionary Computation</i> , 2019 , 44, 101-112	9.8	163
120	Novel GA for metropolitan stations of Indian railways when modelled as a TSP. <i>International Journal of Systems Assurance Engineering and Management</i> , 2018 , 9, 639-645	1.3	1
119	Random walk grey wolf optimizer for constrained engineering optimization problems. <i>Computational Intelligence</i> , 2018 , 34, 1025-1045	2.5	25
118	A Hybrid Harmony search and Simulated Annealing algorithm for continuous optimization. <i>Information Sciences</i> , 2018 , 450, 246-266	7.7	66
117	Harmony search based memetic algorithms for solving sudoku. <i>International Journal of Systems Assurance Engineering and Management</i> , 2018 , 9, 741-754	1.3	4
116	Protect botanical plants and pluck botanical products using robotics and image processing. <i>International Journal of Systems Assurance Engineering and Management</i> , 2018 , 9, 287-293	1.3	
115	A heuristic based harmony search algorithm for maximum clique problem. <i>Opsearch</i> , 2018 , 55, 411-433	1.6	1
114	An efficient opposition based Levy Flight Antlion optimizer for optimization problems. <i>Journal of Computational Science</i> , 2018 , 29, 119-141	3.4	35
113	Cauchy Grey Wolf Optimiser for continuous optimisation problems. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2018 , 30, 1051-1075	2	21
112	Reconstruction of 3D curves and surfaces using new variants of gravitational search algorithm. <i>Journal of Information and Optimization Sciences</i> , 2018 , 39, 1199-1221	1.1	1
111	A new guiding force strategy for differential evolution. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 2170-2183	1.3	14
110	Improving the Local Search Ability of Spider Monkey Optimization Algorithm Using Quadratic Approximation for Unconstrained Optimization. <i>Computational Intelligence</i> , 2017 , 33, 210-240	2.5	25
109	Performance of Grey Wolf Optimizer on large scale problems 2017 ,		1
108	A novel approach to accelerate calibration process of a k-nearest neighbours classifier using GPU. <i>Journal of Parallel and Distributed Computing</i> , 2017 , 104, 114-129	4.4	8
107	Multi-objective two-level swarm intelligence approach for multiple RNA sequence-structure alignment. <i>Swarm and Evolutionary Computation</i> , 2017 , 34, 130-144	9.8	8

106	Effectiveness of Constrained Laplacian Biogeography Based Optimization for Solving Structural Engineering Design Problems. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 206-219	0.4	1
105	Improved Variants of Gravitational Search Algorithm Based on Best-so-Far Updating Mechanism. <i>The National Academy of Sciences, India</i> , 2017 , 40, 365-372	0.6	1
104	Opposition based Laplacian Ant Lion Optimizer. <i>Journal of Computational Science</i> , 2017 , 23, 71-90	3.4	35
103	A two-phase harmony search algorithm for continuous optimization. <i>Computational Intelligence</i> , 2017 , 33, 1038-1075	2.5	5
102	Hybridizing gravitational search algorithm with real coded genetic algorithms for structural engineering design problem. <i>Opsearch</i> , 2017 , 54, 505-536	1.6	5
101	Spider monkey optimization algorithm for constrained optimization problems. <i>Soft Computing</i> , 2017 , 21, 6933-6962	3.5	37
100	Constrained Laplacian biogeography-based optimization algorithm. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 867-885	1.3	6
99	Cell-like P-systems using deterministic update rules to solve Sudoku. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 857-866	1.3	
98	Effectiveness of new Multiple-PSO based Membrane Optimization Algorithms on CEC 2014 benchmarks and Iris classification. <i>Natural Computing</i> , 2017 , 16, 473-496	1.3	8
97	Novel hybridised variants of gravitational search algorithm for constraint optimisation. <i>International Journal of Swarm Intelligence</i> , 2017 , 3, 1	0.3	4
96	Hybridized Gravitational Search Algorithms with Real Coded Genetic Algorithms for Integer and Mixed Integer Optimization Problems. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 84-112	0.4	2
95	A Modified Biogeography Based Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 227-238	2.3	5
94	Tournament Selection Based Probability Scheme in Spider Monkey Optimization Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 239-250	0.4	9
93	Cell-like P-systems coupled with rules of particle swarm optimisation to solve Blasius differential equation. <i>International Journal of Swarm Intelligence</i> , 2016 , 2, 87	0.3	
92	A shrinking hypersphere PSO for engineering optimisation problems. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2016 , 28, 1-33	2	4
91	C-SOMAQI: Self Organizing Migrating Algorithm with Quadratic Interpolation Crossover Operator for Constrained Global Optimization. <i>Studies in Computational Intelligence</i> , 2016 , 147-165	0.8	5
90	Performance of Laplacian Biogeography-Based Optimization Algorithm on CEC 2014 continuous optimization benchmarks and camera calibration problem. <i>Swarm and Evolutionary Computation</i> , 2016 , 27, 132-144	9.8	43
89	Optimization of Directional Overcurrent Relay Times Using C-SOMGA. <i>Studies in Computational Intelligence</i> , 2016 , 167-186	0.8	1

88	Optimal Extraction of Bioactive Compounds from Gardenia Using Laplacian Biogeography Based Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 251-258	0.4	3
87	Robotics and Image Processing for Plucking of Fruits. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 771-781	0.4	2
86	SOMGA for Large Scale Function Optimization and Its Application. <i>Studies in Computational Intelligence</i> , 2016 , 187-205	0.8	
85	Application of Laplacian Biogeography-Based Optimization: Optimal Extraction of Bioactive Compounds from Ashwgandha. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 805-812	0.4	2
84	Efficient Mutation Strategies Embedded in Laplacian-Biogeography-Based Optimization Algorithm for Unconstrained Function Minimization. <i>International Journal of Applied Evolutionary Computation</i> , 2016 , 7, 12-44	0.6	1
83	A Novel Crossover Operator Designed to Exploit Synergies of Two Crossover Operators for Real-Coded Genetic Algorithms. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 343-350	0.4	
82	Investigation of Suitable Perturbation Rate Scheme for Spider Monkey Optimization Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 839-850	0.4	5
81	A new membrane algorithm using the rules of Particle Swarm Optimization incorporated within the framework of cell-like P-systems to solve Sudoku. <i>Applied Soft Computing Journal</i> , 2016 , 45, 27-39	7.5	19
80	Curve Fitting Using Gravitational Search Algorithm and Its Hybridized Variants. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 823-837	0.4	1
79	Applications of Harmony Search Algorithm in Data Mining: A Survey. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 863-874	0.4	22
78	Gravitational swarm optimizer for global optimization. <i>Swarm and Evolutionary Computation</i> , 2016 , 31, 64-89	9.8	26
77	Parameter optimization of multi-pass turning using chaotic PSO. <i>International Journal of Machine Learning and Cybernetics</i> , 2015 , 6, 319-337	3.8	30
76	Calibration of nearest neighbors model for avalanche forecasting. <i>Cold Regions Science and Technology</i> , 2015 , 109, 33-42	3.8	13
75	A State-of-the-Art Review of Biogeography-Based Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 533-549	0.4	6
74	A New Improved Gravitational Search Algorithm for Function Optimization Using a Novel "Best-So-Far" Update Mechanism 2015 ,		3
73	New variants of glowworm swarm optimization based on step size. <i>International Journal of Systems Assurance Engineering and Management</i> , 2015 , 6, 286-296	1.3	9
72	Artificial Neural Network Technique for Solution of Nonlinear Elliptic Boundary Value Problems. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 113-121	0.4	3
71	How Improvements in Glowworm Swarm Optimization Can Solve Real-Life Problems. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 279-291	0.4	2

70	Role of Particle Swarm Optimization in Computer Games. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 259-277	0.4	
69	Digitization of Library: Engineering Colleges. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 237-248	0.4	
68	An efficient co-swarm particle swarm optimization for non-linear constrained optimization. <i>Journal of Computational Science</i> , 2014 , 5, 258-268	3.4	28
67	GA-NR for optimal design of water distribution networks. <i>International Journal of Operational Research</i> , 2014 , 20, 241	0.9	2
66	Self-adaptive artificial bee colony. <i>Optimization</i> , 2014 , 63, 1513-1532	1.2	31
65	A "Never-Loose" Strategy to Play the Game of Tic-Tac-Toe 2014 ,		1
64	Fuzzy-based interactive method for solution of bi- and multi-level programming problems. <i>International Journal of Information and Decision Sciences</i> , 2014 , 6, 166	0.8	3
63	Cell-like P-systems based on rules of Particle Swarm Optimization. <i>Applied Mathematics and Computation</i> , 2014 , 246, 546-560	2.7	18
62	Hybridization of P Systems and Particle Swarm Optimization for Function Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 395-401	0.4	4
61	Engineering Optimization Using SOMGA. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 323-335	0.4	
60	Use of Evolutionary Algorithms to Play the Game of Checkers: Historical Developments, Challenges and Future Prospects. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 55-62	0.4	1
59	Role of Information Technology in Financial Inclusion. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 495-502	0.4	
58	Goal Programming Approach to Trans-shipment Problem. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 337-343	0.4	1
57	A Novel Co-swarm Gravitational Search Algorithm for Constrained Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 629-640	0.4	2
56	A novel hybrid genetic algorithm for constrained optimization. <i>International Journal of Systems Assurance Engineering and Management</i> , 2013 , 4, 86-93	1.3	12
55	Solution of fractional programming problems using PSO algorithm 2013 ,		2
54	Novel inertia weight strategies for particle swarm optimization. <i>Memetic Computing</i> , 2013 , 5, 229-251	3.4	67
53	Shrinking hypersphere based trajectory of particles in PSO. <i>Applied Mathematics and Computation</i> , 2013 , 220, 246-267	2.7	13

52	Constrained Optimization Using Gravitational Search Algorithm. <i>The National Academy of Sciences, India</i> , 2013 , 36, 527-534	0.6	8
51	STEREO CAMERA CALIBRATION USING PARTICLE SWARM OPTIMIZATION. <i>Applied Artificial Intelligence</i> , 2013 , 27, 618-634	2.3	11
50	Liquid-Drop-Like Multi-Orbit Topology Versus Ring Topology in PSO for Lennard-Jones Problem. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 229-243	0.4	
49	A Modified Binary Particle Swarm Optimization for Knapsack Problems. <i>Applied Mathematics and Computation</i> , 2012 , 218, 11042-11061	2.7	143
48	Design Optimization of Three Wheeled Motor Vehicle: A GA Approach. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 677-688		
47	Totally disturbed chaotic Particle Swarm Optimization 2012 ,		5
46	A New Disc Based Particle Swarm Optimization. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 23-30		2
45	Multi task selection including part mix, tool allocation and process plans in CNC machining centers using new binary PSO 2012 ,		8
44	Novel Binary PSO for Continuous Global Optimization Problems. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 169-176		2
43	New Hybrid Discrete PSO for Solving Non Convex Trim Loss Problem. <i>International Journal of Applied Evolutionary Computation</i> , 2012 , 3, 19-41	0.6	3
42	A New Real Coded Genetic Algorithm Operator: Log Logistic Mutation. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 193-200		2
41	Application of Globally Adaptive Inertia Weight PSO to Lennard-Jones Problem. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 31-38		4
40	Incorporating Genetic Algorithms in Transport Management. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 177-192		0
39	Timely Prediction of Tsunami Using under Sea Earthquake Signals. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 1011-1018		
38	Genetic algorithm based fuzzy weighted average for multi-criteria decision making problems. <i>Opsearch</i> , 2011 , 48, 96-108	1.6	4
37	An interactive method using genetic algorithm for multi-objective optimization problems modeled in fuzzy environment. <i>Expert Systems With Applications</i> , 2011 , 38, 1659-1667	7.8	14
36	Global Optimization of Lennard-Jones Potential Using Newly Developed Real Coded Genetic Algorithms 2011 ,		4
35	A new fine grained inertia weight Particle Swarm Optimization 2011 ,		1

34	A non-deterministic adaptive inertia weight in PSO 2011 ,		8
33	Power Mutation Embedded Modified PSO for Global Optimization Problems. <i>Lecture Notes in Computer Science</i> , 2010 , 139-146	0.9	2
32	Particle Swarm Optimization for economic dispatch problems with valve-point effects 2010 ,		2
31	Differential evolution using a localized Cauchy mutation operator 2010 ,		7
30	Modified parallel particle swarm optimization for global optimization using Message Passing Interface 2010 ,		5
29	Optimal coordination of over-current relays using modified differential evolution algorithms. <i>Engineering Applications of Artificial Intelligence</i> , 2010 , 23, 820-829	7.2	90
28	Multi Objective Extraction Optimization of Bioactive Compounds from Gardenia Using Real Coded Genetic Algorithm. <i>IFMBE Proceedings</i> , 2010 , 1463-1466	0.2	4
27	Minimization of Lennard-Jones Potential Using Parallel Particle Swarm Optimization Algorithm. <i>Communications in Computer and Information Science</i> , 2010 , 131-140	0.3	4
26	Quadratic Approximation PSO for Economic Dispatch Problems with Valve-Point Effects. <i>Lecture Notes in Computer Science</i> , 2010 , 460-467	0.9	4
25	Optimal Design of Water Distribution Networks via Particle Swarm Optimization 2009 ,		6
24	Solving nonconvex trim loss problem using an efficient hybrid Particle Swarm Optimization 2009 ,		6
23	Initializing PSO with probability distributions and low-discrepancy sequences: The comparative results 2009 ,		7
22	Management of Multipurpose Multireservoir Using Fuzzy Interactive Method. <i>Water Resources Management</i> , 2009 , 23, 2987-3003	3.7	11
21	Hybridization of particle swarm optimization with quadratic approximation. <i>Opsearch</i> , 2009 , 46, 3-24	1.6	27
20	A fuzzy interactive approach for optimal portfolio management. <i>Opsearch</i> , 2009 , 46, 69-88	1.6	4
19	A real coded genetic algorithm for solving integer and mixed integer optimization problems. <i>Applied Mathematics and Computation</i> , 2009 , 212, 505-518	2.7	423
18	Information sharing strategy among particles in Particle Swarm Optimization using Laplacian operator 2009 ,		10
17	Optimization of directional overcurrent relay times using Laplace Crossover Particle Swarm Optimization (LXPSO) 2009 ,		8

16	A state-of-the-art review of population-based parallel meta-heuristics 2009 ,		4
15	Mean particle swarm optimisation for function optimisation. <i>International Journal of Computational Intelligence Studies</i> , 2009 , 1, 72	0.7	46
14	A Fuzzy Interactive Method for Multiobjective Engineering Design Problems 2008 ,		1
13	Optimization of directional overcurrent relay times by particle swarm optimization 2008 ,		7
12	A Socio-Cognitive Particle Swarm Optimization for Multi-Dimensional Knapsack Problem 2008 ,		8
11	A self-organizing migrating genetic algorithm for constrained optimization. <i>Applied Mathematics and Computation</i> , 2008 , 198, 237-250	2.7	40
10	Quadratic approximation based hybrid genetic algorithm for function optimization. <i>Applied Mathematics and Computation</i> , 2008 , 203, 86-98	2.7	55
9	Performance Analysis of Turning Process via Particle Swarm Optimization. <i>Studies in Computational Intelligence</i> , 2008 , 453-460	0.8	2
8	A new crossover operator for real coded genetic algorithms. <i>Applied Mathematics and Computation</i> , 2007 , 188, 895-911	2.7	260
7	A new mutation operator for real coded genetic algorithms. <i>Applied Mathematics and Computation</i> , 2007 , 193, 211-230	2.7	247
6	A new hybrid Self Organizing Migrating Genetic Algorithm for function optimization 2007 ,		18
5	Application of Random Search Technique in Directional Overcurrent Relay Coordination. <i>International Journal of Emerging Electric Power Systems</i> , 2006 , 7,	1.4	14
4	Maximisation of Expected Target Damage Value. <i>Defence Science Journal</i> , 2005 , 55, 133-139	1.4	2
3	THE RANDOM SEARCH GLOBAL OPTIMIZATION METHOD FOR PARALLEL COMPUTERS. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 1995 , 5, 269-282		
2	Hookes-Jeeves-Based Variant of Memetic Algorithm 450-475		
1	Constrained Laplacian Biogeography-Based Optimization for Economic Load Dispatch Problems. <i>Process Integration and Optimization for Sustainability</i> , 1	2	1