

Kusum Deep

List of Publications by Citations

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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	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
158	A new crossover operator for real coded genetic algorithms. <i>Applied Mathematics and Computation</i> , 2007 , 188, 895-911	2.7	260
157	A new mutation operator for real coded genetic algorithms. <i>Applied Mathematics and Computation</i> , 2007 , 193, 211-230	2.7	247
156	A novel Random Walk Grey Wolf Optimizer. <i>Swarm and Evolutionary Computation</i> , 2019 , 44, 101-112	9.8	163
155	A Modified Binary Particle Swarm Optimization for Knapsack Problems. <i>Applied Mathematics and Computation</i> , 2012 , 218, 11042-11061	2.7	143
154	A hybrid self-adaptive sine cosine algorithm with opposition based learning. <i>Expert Systems With Applications</i> , 2019 , 119, 210-230	7.8	119
153	Improved sine cosine algorithm with crossover scheme for global optimization. <i>Knowledge-Based Systems</i> , 2019 , 165, 374-406	7.3	96
152	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
151	Novel inertia weight strategies for particle swarm optimization. <i>Memetic Computing</i> , 2013 , 5, 229-251	3.4	67
150	A Hybrid Harmony search and Simulated Annealing algorithm for continuous optimization. <i>Information Sciences</i> , 2018 , 450, 246-266	7.7	66
149	Quadratic approximation based hybrid genetic algorithm for function optimization. <i>Applied Mathematics and Computation</i> , 2008 , 203, 86-98	2.7	55
148	A memory-based Grey Wolf Optimizer for global optimization tasks. <i>Applied Soft Computing Journal</i> , 2020 , 93, 106367	7.5	53
147	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
146	A Survey on Parallel Particle Swarm Optimization Algorithms. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 2899-2923	2.5	49
145	Mean particle swarm optimisation for function optimisation. <i>International Journal of Computational Intelligence Studies</i> , 2009 , 1, 72	0.7	46
144	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
143	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

142	A self-organizing migrating genetic algorithm for constrained optimization. <i>Applied Mathematics and Computation</i> , 2008 , 198, 237-250	2.7	40
141	Harmonized salp chain-built optimization. <i>Engineering With Computers</i> , 2021 , 37, 1049-1079	4.5	39
140	Spider monkey optimization algorithm for constrained optimization problems. <i>Soft Computing</i> , 2017 , 21, 6933-6962	3.5	37
139	Opposition based Laplacian Ant Lion Optimizer. <i>Journal of Computational Science</i> , 2017 , 23, 71-90	3.4	35
138	An efficient opposition based Levy Flight Antlion optimizer for optimization problems. <i>Journal of Computational Science</i> , 2018 , 29, 119-141	3.4	35
137	An efficient equilibrium optimizer with mutation strategy for numerical optimization. <i>Applied Soft Computing Journal</i> , 2020 , 96, 106542	7.5	34
136	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
135	A memory guided sine cosine algorithm for global optimization. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 93, 103718	7.2	31
134	Sine cosine grey wolf optimizer to solve engineering design problems. <i>Engineering With Computers</i> , 2020 , 37, 3123	4.5	31
133	Self-adaptive artificial bee colony. <i>Optimization</i> , 2014 , 63, 1513-1532	1.2	31
132	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
131	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
130	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
129	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
128	Hybridization of particle swarm optimization with quadratic approximation. <i>Opsearch</i> , 2009 , 46, 3-24	1.6	27
127	Gravitational swarm optimizer for global optimization. <i>Swarm and Evolutionary Computation</i> , 2016 , 31, 64-89	9.8	26
126	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
125	Random walk grey wolf optimizer for constrained engineering optimization problems. <i>Computational Intelligence</i> , 2018 , 34, 1025-1045	2.5	25

124	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
123	Applications of Harmony Search Algorithm in Data Mining: A Survey. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 863-874	0.4	22
122	Enhanced leadership-inspired grey wolf optimizer for global optimization problems. <i>Engineering With Computers</i> , 2020 , 36, 1777-1800	4.5	22
121	Cauchy Grey Wolf Optimiser for continuous optimisation problems. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2018 , 30, 1051-1075	2	21
120	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
119	Cell-like P-systems based on rules of Particle Swarm Optimization. <i>Applied Mathematics and Computation</i> , 2014 , 246, 546-560	2.7	18
118	A new hybrid Self Organizing Migrating Genetic Algorithm for function optimization 2007 ,		18
117	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
116	Hybrid Grey Wolf Optimizer with Mutation Operator. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 961-968	0.4	15
115	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
114	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
113	Application of Random Search Technique in Directional Overcurrent Relay Coordination. <i>International Journal of Emerging Electric Power Systems</i> , 2006 , 7,	1.4	14
112	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
111	Exploration–exploitation balance in Artificial Bee Colony algorithm: a critical analysis. <i>Soft Computing</i> , 2019 , 23, 9525-9536	3.5	14
110	Calibration of nearest neighbors model for avalanche forecasting. <i>Cold Regions Science and Technology</i> , 2015 , 109, 33-42	3.8	13
109	Shrinking hypersphere based trajectory of particles in PSO. <i>Applied Mathematics and Computation</i> , 2013 , 220, 246-267	2.7	13
108	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
107	Discrete Grey Wolf Optimizer for symmetric travelling salesman problem. <i>Applied Soft Computing Journal</i> , 2021 , 105, 107298	7.5	12

106	STEREO CAMERA CALIBRATION USING PARTICLE SWARM OPTIMIZATION. <i>Applied Artificial Intelligence</i> , 2013 , 27, 618-634	2.3	11
105	Management of Multipurpose Multipurpose Multireservoir Using Fuzzy Interactive Method. <i>Water Resources Management</i> , 2009 , 23, 2987-3003	3.7	11
104	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
103	Information sharing strategy among particles in Particle Swarm Optimization using Laplacian operator 2009 ,		10
102	Tournament Selection Based Probability Scheme in Spider Monkey Optimization Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 239-250	0.4	9
101	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
100	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
99	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
98	Constrained Optimization Using Gravitational Search Algorithm. <i>The National Academy of Sciences, India</i> , 2013 , 36, 527-534	0.6	8
97	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
96	A non-deterministic adaptive inertia weight in PSO 2011 ,		8
95	Multi task selection including part mix, tool allocation and process plans in CNC machining centers using new binary PSO 2012 ,		8
94	Optimization of directional overcurrent relay times using Laplace Crossover Particle Swarm Optimization (LXPSO) 2009 ,		8
93	A Socio-Cognitive Particle Swarm Optimization for Multi-Dimensional Knapsack Problem 2008 ,		8
92	ReliabilityRedundancy Allocation Using Random Walk Gray Wolf Optimizer. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 941-959	0.4	8
91	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
90	Differential evolution using a localized Cauchy mutation operator 2010 ,		7
89	Initializing PSO with probability distributions and low-discrepancy sequences: The comparative results 2009 ,		7

88	Optimization of directional overcurrent relay times by particle swarm optimization 2008 ,		7
87	Artificial Bee Colony algorithm with improved search mechanism. <i>Soft Computing</i> , 2019 , 23, 12437-12460,	0.5	6
86	Constrained Laplacian biogeography-based optimization algorithm. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 867-885	1.3	6
85	A State-of-the-Art Review of Biogeography-Based Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 533-549	0.4	6
84	Optimal Design of Water Distribution Networks via Particle Swarm Optimization 2009 ,		6
83	Solving nonconvex trim loss problem using an efficient hybrid Particle Swarm Optimization 2009 ,		6
82	A Modified Biogeography Based Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 227-238	0.3	5
81	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
80	A two-phase harmony search algorithm for continuous optimization. <i>Computational Intelligence</i> , 2017 , 33, 1038-1075	2.5	5
79	Hybridizing gravitational search algorithm with real coded genetic algorithms for structural engineering design problem. <i>Opsearch</i> , 2017 , 54, 505-536	1.6	5
78	Totally disturbed chaotic Particle Swarm Optimization 2012 ,		5
77	Modified parallel particle swarm optimization for global optimization using Message Passing Interface 2010 ,		5
76	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
75	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
74	A shrinking hypersphere PSO for engineering optimisation problems. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2016 , 28, 1-33	2	4
73	Novel hybridised variants of gravitational search algorithm for constraint optimisation. <i>International Journal of Swarm Intelligence</i> , 2017 , 3, 1	0.3	4
72	Genetic algorithm based fuzzy weighted average for multi-criteria decision making problems. <i>Opsearch</i> , 2011 , 48, 96-108	1.6	4
71	Global Optimization of Lennard-Jones Potential Using Newly Developed Real Coded Genetic Algorithms 2011 ,		4

70	A fuzzy interactive approach for optimal portfolio management. <i>Opsearch</i> , 2009 , 46, 69-88	1.6	4
69	A state-of-the-art review of population-based parallel meta-heuristics 2009 ,		4
68	Multi Objective Extraction Optimization of Bioactive Compounds from Gardenia Using Real Coded Genetic Algorithm. <i>IFMBE Proceedings</i> , 2010 , 1463-1466	0.2	4
67	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
66	Quadratic Approximation PSO for Economic Dispatch Problems with Valve-Point Effects. <i>Lecture Notes in Computer Science</i> , 2010 , 460-467	0.9	4
65	Application of Globally Adaptive Inertia Weight PSO to Lennard-Jones Problem. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 31-38		4
64	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
63	Process optimization of biodiesel production using antlion optimizer. <i>Journal of Information and Optimization Sciences</i> , 2019 , 40, 1281-1294	1.1	3
62	Portfolio optimization using Laplacian biogeography based optimization. <i>Opsearch</i> , 2019 , 56, 1117-1141	1.6	3
61	A New Improved Gravitational Search Algorithm for Function Optimization Using a Novel "Best-So-Far" Update Mechanism 2015 ,		3
60	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
59	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
58	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
57	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
56	Accelerated grey wolf optimiser for continuous optimisation problems. <i>International Journal of Swarm Intelligence</i> , 2020 , 5, 22	0.3	2
55	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
54	GA-NR for optimal design of water distribution networks. <i>International Journal of Operational Research</i> , 2014 , 20, 241	0.9	2
53	Solution of fractional programming problems using PSO algorithm 2013 ,		2

52	A New Disc Based Particle Swarm Optimization. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 23-30		2
51	Power Mutation Embedded Modified PSO for Global Optimization Problems. <i>Lecture Notes in Computer Science</i> , 2010 , 139-146	0.9	2
50	Particle Swarm Optimization for economic dispatch problems with valve-point effects 2010 ,		2
49	Novel Binary PSO for Continuous Global Optimization Problems. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 169-176		2
48	Maximisation of Expected Target Damage Value. <i>Defence Science Journal</i> , 2005 , 55, 133-139	1.4	2
47	Performance Analysis of Turning Process via Particle Swarm Optimization. <i>Studies in Computational Intelligence</i> , 2008 , 453-460	0.8	2
46	A New Real Coded Genetic Algorithm Operator: Log Logistic Mutation. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 193-200		2
45	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
44	Robotics and Image Processing for Plucking of Fruits. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 771-781	0.4	2
43	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
42	Improved Grey Wolf Optimizer Based on Opposition-Based Learning. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 327-338	0.4	2
41	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
40	A Novel Co-swarm Gravitational Search Algorithm for Constrained Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 629-640	0.4	2
39	Performance of Grey Wolf Optimizer on large scale problems 2017 ,		1
38	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
37	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
36	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
35	A heuristic based harmony search algorithm for maximum clique problem. <i>Opsearch</i> , 2018 , 55, 411-433	1.6	1

34	A "Never-Loose" Strategy to Play the Game of Tic-Tac-Toe 2014 ,		1
33	A new fine grained inertia weight Particle Swarm Optimization 2011 ,		1
32	A Fuzzy Interactive Method for Multiobjective Engineering Design Problems 2008 ,		1
31	Gompertz PSO variants for Knapsack and Multi-Knapsack Problems. <i>Applied Mathematics</i> , 2021 , 36, 611-630		1
30	Performance Analysis of Whale Optimization Algorithm Based on Strategy Parameter. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 15-30	0.4	1
29	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
28	Optimization of Directional Overcurrent Relay Times Using C-SOMGA. <i>Studies in Computational Intelligence</i> , 2016 , 167-186	0.8	1
27	A Novel CPU Scheduling Algorithm Based on Ant Lion Optimizer. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 339-353	0.4	1
26	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
25	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
24	Goal Programming Approach to Trans-shipment Problem. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 337-343	0.4	1
23	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
22	Curve Fitting Using Gravitational Search Algorithm and Its Hybridized Variants. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 823-837	0.4	1
21	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
20	Constrained Laplacian Biogeography-Based Optimization for Economic Load Dispatch Problems. <i>Process Integration and Optimization for Sustainability</i> , 1	2	1
19	Incorporating Genetic Algorithms in Transport Management. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 177-192		0
18	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	
17	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	

- 16 Cell-like P-systems using deterministic update rules to solve Sudoku. *International Journal of Systems Assurance Engineering and Management*, **2017**, 8, 857-866 1.3
- 15 Design Optimization of Three Wheeled Motor Vehicle: A GA Approach. *Advances in Intelligent and Soft Computing*, **2012**, 677-688
- 14 THE RANDOM SEARCH GLOBAL OPTIMIZATION METHOD FOR PARALLEL COMPUTERS. *International Journal of Parallel, Emergent and Distributed Systems*, **1995**, 5, 269-282
- 13 An Implementation of Three-level Multi-objective ABC Algorithm for RNA Multiple Structural Alignment. *Recent Advances in Computer Science and Communications*, **2020**, 13, 68-76 0.6
- 12 Hookes-Jeeves-Based Variant of Memetic Algorithm 450-475
- 11 Solution of Optimization Problems in Fuzzy Background Using HVPSO Algorithm. *Advances in Intelligent Systems and Computing*, **2019**, 495-508 0.4
- 10 Use of Improved Gravitational Search Algorithm for 3D Reconstruction of Space Curves Using NURBS. *Advances in Intelligent Systems and Computing*, **2019**, 185-197 0.4
- 9 Role of Particle Swarm Optimization in Computer Games. *Advances in Intelligent Systems and Computing*, **2015**, 259-277 0.4
- 8 Digitization of Library: Engineering Colleges. *Advances in Intelligent Systems and Computing*, **2015**, 237-248 0.4
- 7 SOMGA for Large Scale Function Optimization and Its Application. *Studies in Computational Intelligence*, **2016**, 187-205 0.8
- 6 Timely Prediction of Tsunami Using under Sea Earthquake Signals. *Advances in Intelligent and Soft Computing*, **2012**, 1011-1018
- 5 Liquid-Drop-Like Multi-Orbit Topology Versus Ring Topology in PSO for Lennard-Jones Problem. *Advances in Intelligent Systems and Computing*, **2013**, 229-243 0.4
- 4 Engineering Optimization Using SOMGA. *Advances in Intelligent Systems and Computing*, **2014**, 323-335 0.4
- 3 Role of Information Technology in Financial Inclusion. *Advances in Intelligent Systems and Computing*, **2014**, 495-502 0.4
- 2 Single and multi-objective optimization of nanofluid flow in flat tube to enhance heat transfer using antlion optimizer algorithms. *International Journal of Systems Assurance Engineering and Management*, **2021**, 12, 1026 1.3
- 1 A Novel Crossover Operator Designed to Exploit Synergies of Two Crossover Operators for Real-Coded Genetic Algorithms. *Advances in Intelligent Systems and Computing*, **2016**, 343-350 0.4