

Jagdish Chand Bansal

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1930645/jagdish-chand-bansal-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

95
papers

2,139
citations

23
h-index

44
g-index

102
ext. papers

2,608
ext. citations

2.2
avg, IF

5.75
L-index

#	Paper	IF	Citations
95	Mutation-driven grey wolf optimizer with modified search mechanism. <i>Expert Systems With Applications</i> , 2022 , 194, 116450	7.8	3
94	Harvesting Robots for Smart Agriculture. <i>Algorithms for Intelligent Systems</i> , 2022 , 1-13	0.5	
93	Sine Cosine Algorithm: Introduction and Advances 2022 , 447-467		
92	Remote Sensing Imagery Segmentation: A Hybrid Approach. <i>Remote Sensing</i> , 2021 , 13, 4604	5	1
91	Grey Wolf Optimizer with Crossover and Opposition-Based Learning. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 401-410	0.4	2
90	Modified SIRD Model for COVID-19 Spread Prediction for Northern and Southern States of India. <i>Chaos, Solitons and Fractals</i> , 2021 , 148, 111039	9.3	1
89	A better exploration strategy in Grey Wolf Optimizer. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 1099-1118	3.7	18
88	Grasshopper inspired artificial bee colony algorithm for numerical optimisation. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2021 , 33, 363-381	2	5
87	Introduction to Computer Vision and Machine Learning Applications in Agriculture. <i>Algorithms for Intelligent Systems</i> , 2021 , 1-8	0.5	
86	An Optimal Feature Selection Approach Using IBBO for Histopathological Image Classification. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2021 , 31-40	0.4	0
85	A novel neighborhood archives embedded gravitational constant in GSA. <i>Soft Computing</i> , 2021 , 25, 6539-6555	3.5	0
84	Fitness-Based Controlled Movements in Artificial Bee Colony Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 749-760	0.4	
83	Exponential Adaptive Strategy in Spider Monkey Optimization Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 1-15	0.4	
82	Multi-area economic dispatch with stochastic wind power using Salp Swarm Algorithm. <i>Array</i> , 2020 , 8, 100044	4.7	9
81	Plant leaf disease identification using exponential spider monkey optimization. <i>Sustainable Computing: Informatics and Systems</i> , 2020 , 28, 100283	3	56
80	Parameter tuning for meta-heuristics. <i>Knowledge-Based Systems</i> , 2020 , 189, 105094	7.3	16
79	On Stability Analysis of Particle Swarm Optimization Algorithm. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 2385-2394	2.5	17

78	Swarm and Evolutionary Computation. <i>Studies in Computational Intelligence</i> , 2019 , 1-9	0.8	5
77	Particle Swarm Optimization. <i>Studies in Computational Intelligence</i> , 2019 , 11-23	0.8	37
76	Spider Monkey Optimization Algorithm. <i>Studies in Computational Intelligence</i> , 2019 , 43-59	0.8	21
75	Fireworks-inspired biogeography-based optimization. <i>Soft Computing</i> , 2019 , 23, 7091-7115	3.5	10
74	Global and Local Neighborhood Based Particle Swarm Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 449-460	0.4	4
73	Fibonacci Series-Inspired Local Search in Artificial Bee Colony Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 1023-1040	0.4	1
72	Effective competency based differential evolution algorithm. <i>Journal of Statistics and Management Systems</i> , 2019 , 22, 1223-1238	0.9	3
71	Chaotic Spider Monkey Optimization Algorithm with Enhanced Learning. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 149-161	0.4	2
70	A Review on Scale Factor Strategies in Differential Evolution Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 925-943	0.4	12
69	A Survey on Parallel Particle Swarm Optimization Algorithms. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 2899-2923	2.5	49
68	Artificial bee colony algorithm with global and local neighborhoods. <i>International Journal of Systems Assurance Engineering and Management</i> , 2018 , 9, 589-601	1.3	18
67	Fitness varying gravitational constant in GSA. <i>Applied Intelligence</i> , 2018 , 48, 3446-3461	4.9	7
66	Design of wind farm layout with non-uniform turbines using fitness difference based BBO. <i>Engineering Applications of Artificial Intelligence</i> , 2018 , 71, 45-59	7.2	15
65	Stability analysis of Artificial Bee Colony optimization algorithm. <i>Swarm and Evolutionary Computation</i> , 2018 , 41, 9-19	9.8	41
64	Modified global best artificial bee colony for constrained optimization problems. <i>Computers and Electrical Engineering</i> , 2018 , 67, 365-382	4.3	15
63	Self-adaptive position update in artificial bee colony. <i>International Journal of Systems Assurance Engineering and Management</i> , 2018 , 9, 802-810	1.3	2
62	Analysing Convergence, Consistency, and Trajectory of Artificial Bee Colony Algorithm. <i>IEEE Access</i> , 2018 , 6, 73593-73602	3.5	10
61	Optimal power flow using artificial bee colony algorithm with global and local neighborhoods. <i>International Journal of Systems Assurance Engineering and Management</i> , 2017 , 8, 2158-2169	1.3	13

60	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
59	Wind farm layout using biogeography based optimization. <i>Renewable Energy</i> , 2017 , 107, 386-402	8.1	29
58	Hybrid Artificial Bee Colony algorithm with Differential Evolution. <i>Applied Soft Computing Journal</i> , 2017 , 58, 11-24	7.5	110
57	Spider monkey optimization algorithm for constrained optimization problems. <i>Soft Computing</i> , 2017 , 21, 6933-6962	3.5	37
56	Optimal placement and sizing of capacitor using Limaón inspired spider monkey optimization algorithm. <i>Memetic Computing</i> , 2017 , 9, 311-331	3.4	30
55	A novel disruption in biogeography-based optimization with application to optimal power flow problem. <i>Applied Intelligence</i> , 2017 , 46, 590-615	4.9	12
54	On the Hybridization of Spider Monkey Optimization and Genetic Algorithms. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 185-196	0.4	11
53	A Modified Biogeography Based Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 227-238	2.3	5
52	Escalated convergent artificial bee colony. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2016 , 28, 181-200	2	7
51	May flight artificial bee colony algorithm. <i>International Journal of Systems Science</i> , 2016 , 47, 2652-2670	2.3	56
50	Modified Blended Migration and Polynomial Mutation in Biogeography-Based Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 217-225	0.4	1
49	Optimal power flow analysis using May flight spider monkey optimisation algorithm. <i>International Journal of Artificial Intelligence and Soft Computing</i> , 2016 , 5, 320	0.1	27
48	Black Hole Artificial Bee Colony Algorithm. <i>Lecture Notes in Computer Science</i> , 2016 , 214-221	0.9	7
47	Modified spider monkey optimization 2016 ,		9
46	Stability analysis of differential evolution 2016 ,		5
45	Grey wolf gravitational search algorithm 2016 ,		3
44	Modified Artificial Bee Colony Algorithm Based on Disruption Operator. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 889-900	0.4	8
43	Accelerating Artificial Bee Colony algorithm with adaptive local search. <i>Memetic Computing</i> , 2015 , 7, 215-230	3.4	29

42	Fitness based particle swarm optimization. <i>International Journal of Systems Assurance Engineering and Management</i> , 2015 , 6, 319-329	1.3	14
41	Hybridisation of classical unidimensional search with ABC to improve exploitation capability. <i>International Journal of Artificial Intelligence and Soft Computing</i> , 2015 , 5, 151	0.1	2
40	Migration in Biogeography-based Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 389-401	0.4	3
39	Spider Monkey Optimization algorithm for numerical optimization. <i>Memetic Computing</i> , 2014 , 6, 31-47	3.4	319
38	Power law-based local search in artificial bee colony. <i>International Journal of Artificial Intelligence and Soft Computing</i> , 2014 , 4, 164	0.1	9
37	Self Balanced Differential Evolution. <i>Journal of Computational Science</i> , 2014 , 5, 312-323	3.4	22
36	Self-adaptive artificial bee colony. <i>Optimization</i> , 2014 , 63, 1513-1532	1.2	31
35	Fitness Based Self Adaptive Differential Evolution. <i>Studies in Computational Intelligence</i> , 2014 , 71-84	0.8	6
34	Expedited Artificial Bee Colony Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 787-800	0.4	8
33	Opposition based Levy flight artificial bee colony. <i>Memetic Computing</i> , 2013 , 5, 213-227	3.4	68
32	Self Adaptive Acceleration Factor in Particle Swarm Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 325-340	0.4	8
31	Meta heuristics for prime factorization problem 2013 ,		3
30	Memetic search in artificial bee colony algorithm. <i>Soft Computing</i> , 2013 , 17, 1911-1928	3.5	78
29	Diversity Measures in Artificial Bee Colony. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 299-314	0.4	1
28	Artificial bee colony algorithm: a survey. <i>International Journal of Advanced Intelligence Paradigms</i> , 2013 , 5, 123	0.5	81
27	Balanced artificial bee colony algorithm. <i>International Journal of Artificial Intelligence and Soft Computing</i> , 2013 , 3, 222	0.1	22
26	Power law-based local search in differential evolution. <i>International Journal of Computational Intelligence Studies</i> , 2013 , 2, 90	0.7	3
25	Levy Flight Based Local Search in Differential Evolution. <i>Lecture Notes in Computer Science</i> , 2013 , 248-259	0.9	15

24	A Modified Binary Particle Swarm Optimization for Knapsack Problems. <i>Applied Mathematics and Computation</i> , 2012 , 218, 11042-11061	2.7	143
23	Bacterial Foraging Optimization: A Survey. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 227-242		5
22	Cognitive learning in differential evolution and its application to model order reduction problem for single-input single-output systems. <i>Memetic Computing</i> , 2012 , 4, 209-229	3.4	35
21	Fitness based Differential Evolution. <i>Memetic Computing</i> , 2012 , 4, 303-316	3.4	46
20	Some modifications to enhance the performance of Artificial Bee Colony 2012 ,		4
19	Artificial bee colony with mean mutation operator for better exploitation 2012 ,		1
18	Dynamic Swarm Artificial Bee Colony Algorithm. <i>International Journal of Applied Evolutionary Computation</i> , 2012 , 3, 19-33	0.6	9
17	Group Social Learning in Artificial Bee Colony Optimization Algorithm. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 441-451		3
16	Dynamic Scaling Factor Based Differential Evolution Algorithm. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 73-85		8
15	Application of Binary Particle Swarm Optimization in Cryptanalysis of DES. <i>Advances in Intelligent and Soft Computing</i> , 2012 , 1061-1071		3
14	Inertia Weight strategies in Particle Swarm Optimization 2011 ,		224
13	A non-deterministic adaptive inertia weight in PSO 2011 ,		8
12	Model Order Reduction of Single Input Single Output Systems Using Artificial Bee Colony Optimization Algorithm. <i>Studies in Computational Intelligence</i> , 2011 , 85-100	0.8	10
11	Particle Swarm Optimization for economic dispatch problems with valve-point effects 2010 ,		2
10	Quadratic Approximation PSO for Economic Dispatch Problems with Valve-Point Effects. <i>Lecture Notes in Computer Science</i> , 2010 , 460-467	0.9	4
9	Optimal Design of Water Distribution Networks via Particle Swarm Optimization 2009 ,		6
8	Solving nonconvex trim loss problem using an efficient hybrid Particle Swarm Optimization 2009 ,		6
7	Hybridization of particle swarm optimization with quadratic approximation. <i>Opsearch</i> , 2009 , 46, 3-24	1.6	27

6	Information sharing strategy among particles in Particle Swarm Optimization using Laplacian operator 2009 ,		10
5	Optimization of directional overcurrent relay times using Laplace Crossover Particle Swarm Optimization (LXPSO) 2009 ,		8
4	Mean particle swarm optimisation for function optimisation. <i>International Journal of Computational Intelligence Studies</i> , 2009 , 1, 72	0.7	46
3	Optimization of directional overcurrent relay times by particle swarm optimization 2008 ,		7
2	A Socio-Cognitive Particle Swarm Optimization for Multi-Dimensional Knapsack Problem 2008 ,		8
1	Performance Analysis of Turning Process via Particle Swarm Optimization. <i>Studies in Computational Intelligence</i> , 2008 , 453-460	0.8	2