

Mustafa Servet Kiran

List of Publications by Year in descending order

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38
papers

2,059
citations

304368

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395343

33
g-index

38
all docs

38
docs citations

38
times ranked

1505
citing authors

#	ARTICLE	IF	CITATIONS
1	TSA: Tree-seed algorithm for continuous optimization. Expert Systems With Applications, 2015, 42, 6686-6698.	4.4	241
2	Artificial bee colony algorithm with variable search strategy for continuous optimization. Information Sciences, 2015, 300, 140-157.	4.0	215
3	A directed artificial bee colony algorithm. Applied Soft Computing Journal, 2015, 26, 454-462.	4.1	186
4	A novel hybrid approach based on Particle Swarm Optimization and Ant Colony Algorithm to forecast energy demand of Turkey. Energy Conversion and Management, 2012, 53, 75-83.	4.4	181
5	A recombination-based hybridization of particle swarm optimization and artificial bee colony algorithm for continuous optimization problems. Applied Soft Computing Journal, 2013, 13, 2188-2203.	4.1	135
6	Particle swarm optimization with a new update mechanism. Applied Soft Computing Journal, 2017, 60, 670-678.	4.1	90
7	Swarm intelligence approaches to estimate electricity energy demand in Turkey. Knowledge-Based Systems, 2012, 36, 93-103.	4.0	89
8	The continuous artificial bee colony algorithm for binary optimization. Applied Soft Computing Journal, 2015, 33, 15-23.	4.1	81
9	A hierarchic approach based on swarm intelligence to solve the traveling salesman problem. Turkish Journal of Electrical Engineering and Computer Sciences, 2015, 23, 103-117.	0.9	77
10	XOR-based artificial bee colony algorithm for binary optimization. Turkish Journal of Electrical Engineering and Computer Sciences, 2013, 21, 2307-2328.	0.9	76
11	JayaX: Jaya algorithm with xor operator for binary optimization. Applied Soft Computing Journal, 2019, 82, 105576.	4.1	74
12	The analysis of discrete artificial bee colony algorithm with neighborhood operator on traveling salesman problem. Neural Computing and Applications, 2013, 23, 9-21.	3.2	68
13	A modification of tree-seed algorithm using Deb's rules for constrained optimization. Applied Soft Computing Journal, 2018, 63, 289-305.	4.1	68
14	A novel hybrid algorithm based on particle swarm and ant colony optimization for finding the global minimum. Applied Mathematics and Computation, 2012, 219, 1515-1521.	1.4	52
15	Similarity and Logic Gate-Based Tree-Seed Algorithms for Binary Optimization. Computers and Industrial Engineering, 2018, 115, 631-646.	3.4	50
16	A Novel Adaptive Cuckoo Search Algorithm for Contrast Enhancement of Satellite Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3665-3676.	2.3	48
17	An artificial algae algorithm for solving binary optimization problems. International Journal of Machine Learning and Cybernetics, 2018, 9, 1233-1247.	2.3	41
18	An improved artificial bee colony algorithm for balancing local and global search behaviors in continuous optimization. International Journal of Machine Learning and Cybernetics, 2020, 11, 2051-2076.	2.3	39

#	ARTICLE	IF	CITATIONS
19	A multi-objective artificial algae algorithm. Applied Soft Computing Journal, 2018, 68, 377-395.	4.1	34
20	An artificial algae algorithm with stigmergic behavior for binary optimization. Applied Soft Computing Journal, 2018, 64, 627-640.	4.1	32
21	A discrete tree-seed algorithm for solving symmetric traveling salesman problem. Engineering Science and Technology, an International Journal, 2020, 23, 879-890.	2.0	32
22	Integration search strategies in tree seed algorithm for high dimensional function optimization. International Journal of Machine Learning and Cybernetics, 2020, 11, 249-267.	2.3	24
23	An Improved Tree Seed Algorithm for Optimization Problems. International Journal of Machine Learning and Computing, 2018, 8, 20-25.	0.8	24
24	A tree-seed algorithm based on intelligent search mechanisms for continuous optimization. Applied Soft Computing Journal, 2021, 98, 106938.	4.1	17
25	A binary artificial bee colony algorithm and its performance assessment. Expert Systems With Applications, 2021, 175, 114817.	4.4	16
26	An Implementation of Tree-Seed Algorithm (TSA) for Constrained Optimization. Proceedings in Adaptation, Learning and Optimization, 2016, , 189-197.	1.5	13
27	Withering process for tree-seed algorithm. Procedia Computer Science, 2017, 111, 46-51.	1.2	8
28	A Novel Candidate Solution Generation Strategy for Fruit Fly Optimizer. IEEE Access, 2019, 7, 130903-130921.	2.6	8
29	AÄŸtohum algoritmasÄ±n CUDA destekli grafik iÅŸlem birimi Å¼zerinde paralel uygulamasÄ±. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.3	7
30	Search experience-based search adaptation in artificial bee colony algorithm. , 2016, , .		6
31	A Jaya-based approach to wind turbine placement problem. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2023, 45, 3318-3337.	1.2	6
32	Prediction of Football Match Outcomes Based On Bookmaker Odds by Using k-Nearest Neighbor Algorithm. International Journal of Machine Learning and Computing, 2018, 8, 26-32.	0.8	5
33	Boundary conditions in Tree-Seed Algorithm: Analysis of the success of search space limitation techniques in Tree-Seed Algorithm. , 2017, , .		4
34	Two dimensional cuckoo search optimization algorithm based despeckling filter for the real ultrasound images. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 921-942.	3.3	4
35	Prediction of the number of students taking make-up examinations using artificial neural networks. International Journal of Machine Learning and Cybernetics, 2022, 13, 71-81.	2.3	4
36	An improved binary artificial bee colony algorithm. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
37	The Performance Analysis of Extreme Learning Machines on Odour Recognition. , 2018, , .		1
38	An Application of Tree Seed Algorithm for Optimization of 50 and 100 Dimensional Numerical Functions. , 2021, , .		0