

# Mustafa Servet Kiran

## 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.

36  
papers

1,457  
citations

19  
h-index

38  
g-index

38  
ext. papers

1,774  
ext. citations

4.8  
avg, IF

5.78  
L-index

#	Paper	IF	Citations
36	Artificial bee colony algorithm with variable search strategy for continuous optimization. <i>Information Sciences</i> , <b>2015</b> , 300, 140-157	7.7	170
35	A directed artificial bee colony algorithm. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 26, 454-462	7.5	155
34	TSA: Tree-seed algorithm for continuous optimization. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 6686-6698	6.98	151
33	A novel hybrid approach based on Particle Swarm Optimization and Ant Colony Algorithm to forecast energy demand of Turkey. <i>Energy Conversion and Management</i> , <b>2012</b> , 53, 75-83	10.6	141
32	A recombination-based hybridization of particle swarm optimization and artificial bee colony algorithm for continuous optimization problems. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 2188-2203	7.5	115
31	Swarm intelligence approaches to estimate electricity energy demand in Turkey. <i>Knowledge-Based Systems</i> , <b>2012</b> , 36, 93-103	7.3	69
30	Particle swarm optimization with a new update mechanism. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 60, 670-678	7.5	67
29	The continuous artificial bee colony algorithm for binary optimization. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 33, 15-23	7.5	65
28	A hierarchic approach based on swarm intelligence to solve the traveling salesman problem. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , <b>2015</b> , 23, 103-117	0.9	56
27	XOR-based artificial bee colony algorithm for binary optimization. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , <b>2013</b> , 21, 2307-2328	0.9	52
26	The analysis of discrete artificial bee colony algorithm with neighborhood operator on traveling salesman problem. <i>Neural Computing and Applications</i> , <b>2013</b> , 23, 9-21	4.8	51
25	A modification of tree-seed algorithm using Deb's rules for constrained optimization. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 63, 289-305	7.5	43
24	A novel hybrid algorithm based on particle swarm and ant colony optimization for finding the global minimum. <i>Applied Mathematics and Computation</i> , <b>2012</b> , 219, 1515-1521	2.7	42
23	A Novel Adaptive Cuckoo Search Algorithm for Contrast Enhancement of Satellite Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2017</b> , 10, 3665-3676	4.7	35
22	JayaX: Jaya algorithm with xor operator for binary optimization. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 82, 105576	7.5	33
21	Similarity and Logic Gate-Based Tree-Seed Algorithms for Binary Optimization. <i>Computers and Industrial Engineering</i> , <b>2018</b> , 115, 631-646	6.4	28
20	An artificial algae algorithm for solving binary optimization problems. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2018</b> , 9, 1233-1247	3.8	26

19	A multi-objective artificial algae algorithm. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 68, 377-395	7.5	23
18	An artificial algae algorithm with stigmergic behavior for binary optimization. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 64, 627-640	7.5	21
17	An improved artificial bee colony algorithm for balancing local and global search behaviors in continuous optimization. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2020</b> , 11, 2051-2076	3.8	18
16	Integration search strategies in tree seed algorithm for high dimensional function optimization. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2020</b> , 11, 249-267	3.8	17
15	An Improved Tree Seed Algorithm for Optimization Problems. <i>International Journal of Machine Learning and Computing</i> , <b>2018</b> , 8, 20-25	1.8	16
14	A discrete tree-seed algorithm for solving symmetric traveling salesman problem <b>2020</b> , 23, 879-890		15
13	An Implementation of Tree-Seed Algorithm (TSA) for Constrained Optimization. <i>Proceedings in Adaptation, Learning and Optimization</i> , <b>2016</b> , 189-197	0.2	9
12	Withering process for tree-seed algorithm. <i>Procedia Computer Science</i> , <b>2017</b> , 111, 46-51	1.6	8
11	Two dimensional cuckoo search optimization algorithm based despeckling filter for the real ultrasound images. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2018</b> , 1	3.7	4
10	A Novel Candidate Solution Generation Strategy for Fruit Fly Optimizer. <i>IEEE Access</i> , <b>2019</b> , 7, 130903-130921	3.2	4
9	Boundary conditions in Tree-Seed Algorithm: Analysis of the success of search space limitation techniques in Tree-Seed Algorithm <b>2017</b> ,		4
8	Prediction of Football Match Outcomes Based On Bookmaker Odds by Using k-Nearest Neighbor Algorithm. <i>International Journal of Machine Learning and Computing</i> , <b>2018</b> , 8, 26-32	1.8	4
7	A binary artificial bee colony algorithm and its performance assessment. <i>Expert Systems With Applications</i> , <b>2021</b> , 175, 114817	7.8	4
6	Search experience-based search adaptation in artificial bee colony algorithm <b>2016</b> ,		3
5	A treeSeed algorithm based on intelligent search mechanisms for continuous optimization. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 98, 106938	7.5	3
4	An improved binary artificial bee colony algorithm <b>2017</b> ,		2
3	A Etohum algoritması CUDA destekli grafik ile birimi üzerinde paralel uygulaması <b>2018</b> ,		1
2	A Jaya-based approach to wind turbine placement problem. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , <b>2020</b> , 1-20	1.6	1

- 1 Prediction of the number of students taking make-up examinations using artificial neural networks. 3.8 1  
*International Journal of Machine Learning and Cybernetics*,1