DoGan Aydin

List of Publications by Citations

30 papers	**674** citations
13 h-index	**25** g-index
34 ext. papers	**787** ext. citations
3.6 avg, IF	**4.47** L-index

#	Paper	IF	Citations
30	Detection of blood vessels in ophthalmoscope images using MF/ant (matched filter/ant colony) algorithm. *Computer Methods and Programs in Biomedicine*, **2009**, 96, 85-95	6.9	145
29	Artificial bee colony algorithm with dynamic population size to combined economic and emission dispatch problem. *International Journal of Electrical Power and Energy Systems*, **2014**, 54, 144-153	5.1	105
28	Incremental artificial bee colony with local search to economic dispatch problem with ramp rate limits and prohibited operating zones. *Energy Conversion and Management*, **2013**, 65, 397-407	10.6	62
27	An incremental particle swarm for large-scale continuous optimization problems: an example of tuning-in-the-loop (re)design of optimization algorithms. *Soft Computing*, **2011**, 15, 2233-2255	3.5	49
26	Solution to non-convex economic dispatch problem with valve point effects by incremental artificial bee colony with local search. *Applied Soft Computing Journal*, **2013**, 13, 2456-2466	7.5	46
25	An interactive simulation and analysis software for solving TSP using Ant Colony Optimization algorithms. *Advances in Engineering Software*, **2009**, 40, 341-349	3.6	43
24	Artificial bee colonies for continuous optimization: Experimental analysis and improvements. *Swarm Intelligence*, **2013**, 7, 327-356	3	38
23	An incremental ant colony algorithm with local search for continuous optimization **2011**,		33
22	ABC-X: a generalized, automatically configurable artificial bee colony framework. *Swarm Intelligence*, **2017**, 11, 1-38	3	23
21	Composite artificial bee colony algorithms: From component-based analysis to high-performing algorithms. *Applied Soft Computing Journal*, **2015**, 32, 266-285	7.5	20
20	Two population-based optimization algorithms for minimum weight connected dominating set problem. *Applied Soft Computing Journal*, **2017**, 59, 644-658	7.5	16
19	Extraction of flower regions in color images using ant colony optimization. *Procedia Computer Science*, **2011**, 3, 530-536	1.6	16
18	Improving Performance via Population Growth and Local Search: The Case of the Artificial Bee Colony Algorithm. *Lecture Notes in Computer Science*, **2012**, 85-96	0.9	13
17	Angle Modulated Artificial Bee Colony Algorithms for Feature Selection. *Applied Computational Intelligence and Soft Computing*, **2016**, 2016, 1-6	2.7	11
16	Improved Self-adaptive Search Equation-based Artificial Bee Colony Algorithm with competitive local search strategy. *Swarm and Evolutionary Computation*, **2019**, 51, 100582	9.8	10
15	A configurable generalized artificial bee colony algorithm with local search strategies **2015**,		10
14	A hybrid list-based task scheduling scheme for heterogeneous computing. *Journal of Supercomputing*, **2021**, 77, 10252-10288	2.5	8

13	An Efficient Ant-Based Edge Detector. *Lecture Notes in Computer Science*, **2010**, 39-55	0.9	4
12	**2016**,		4
11	Artificial bee colony framework to non-convex economic dispatch problem with valve point effects **2017**,		3
10	Artificial Bee Colony Algorithm with Distant Savants for constrained optimization. *Applied Soft Computing Journal*, **2022**, 116, 108343	7.5	3
9	Self-adaptive search equation-based artificial bee colony algorithm with CMA-ES on the noiseless BBOB testbed **2017**,		2
8	The application of artificial bee colony algorithm for the economic power dispatch with prohibited operating zone **2012**,		2
7	AUTOMATIC FLOWER BOUNDARY EXTRACTION USING IPSOAntK-MEANS ALGORITHM. *Cybernetics and Systems*, **2010**, 41, 416-434	1.9	2
6	IIR filter design using incremental artificial bee colony with powell\WCDS **2012**,		1
5	A Modified Ant-Based Approach to Edge Detection. *Lecture Notes in Computer Science*, **2009**, 620-628	0.9	1
4	Adaptive iir filter design using self-adaptive search equation based artificial beecolony algorithm. *Turkish Journal of Electrical Engineering and Computer Sciences*, **2019**, 27, 4797-4817	0.9	1
3	Computational Intelligence in Civil and Hydraulic Engineering. *Mathematical Problems in Engineering*, **2013**, 2013, 1-2	1.1	0
2	A Self-adaptive Artificial Bee Colony Algorithm with Incremental Population Size for Large Scale Optimization. *Advances in Intelligent Systems and Computing*, **2017**, 111-123	0.4	0
1	BYK EKL SREKL OPTMZASYON PROBLEMLERN ELT BREY TABANLI YAPAY ARI KOLONS ALGORTMASI. *Eskiehir Osmangazi niversitesi Mhendislik Ve Mimark Fakltesi Dergisi*, **2021**, 29, 235-248	0.1	