

# Celal Ozturk

## 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.

32  
papers

3,132  
citations

19  
h-index

40  
g-index

40  
ext. papers

3,552  
ext. citations

3.4  
avg, IF

5.77  
L-index

#	Paper	IF	Citations
32	A comprehensive survey: artificial bee colony (ABC) algorithm and applications. <i>Artificial Intelligence Review</i> , <b>2014</b> , 42, 21-57	9.7	1045
31	A novel clustering approach: Artificial Bee Colony (ABC) algorithm. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 652-657	7.5	745
30	Artificial Bee Colony (ABC) Optimization Algorithm for Training Feed-Forward Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 318-329	0.9	243
29	Cluster based wireless sensor network routing using artificial bee colony algorithm. <i>Wireless Networks</i> , <b>2012</b> , 18, 847-860	2.5	203
28	Artificial bee colony programming for symbolic regression. <i>Information Sciences</i> , <b>2012</b> , 209, 1-15	7.7	122
27	Probabilistic dynamic deployment of wireless sensor networks by artificial bee colony algorithm. <i>Sensors</i> , <b>2011</b> , 11, 6056-65	3.8	121
26	Dynamic clustering with improved binary artificial bee colony algorithm. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 28, 69-80	7.5	114
25	A novel binary artificial bee colony algorithm based on genetic operators. <i>Information Sciences</i> , <b>2015</b> , 297, 154-170	7.7	108
24	Hybrid Artificial Bee Colony algorithm for neural network training <b>2011</b> ,		72
23	Color Image Quantization: A Short Review and an Application with Artificial Bee Colony Algorithm. <i>Informatica</i> , <b>2014</b> , 25, 485-503	2.9	39
22	Self-generated fuzzy systems design using artificial bee colony optimization. <i>Information Sciences</i> , <b>2015</b> , 295, 145-159	7.7	37
21	Improved clustering criterion for image clustering with artificial bee colony algorithm. <i>Pattern Analysis and Applications</i> , <b>2015</b> , 18, 587-599	2.3	35
20	Prediction of electricity energy consumption of Turkey via artificial bee colony: a case study. <i>Energy Systems</i> , <b>2013</b> , 4, 289-300	1.7	34
19	An application of Wireless Sensor Network routing based on Artificial Bee Colony Algorithm <b>2011</b> ,		32
18	Artificial Bee Colony based image clustering method <b>2012</b> ,		30
17	Cluster based wireless sensor network routings using Artificial Bee Colony Algorithm <b>2010</b> ,		26
16	Multi Hive Artificial Bee Colony Programming for high dimensional symbolic regression with feature selection. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 78, 515-527	7.5	25

15	Extraction of brain tumors from MRI images with artificial bee colony based segmentation methodology <b>2013</b> ,		20
14	A new artificial bee colony algorithm to solve the multiple sequence alignment problem. <i>International Journal of Data Mining and Bioinformatics</i> , <b>2016</b> , 14, 332	0.5	19
13	Modified multiple search cooperative foraging strategy for improved artificial bee colony optimization with robustness analysis. <i>Soft Computing</i> , <b>2018</b> , 22, 6371-6394	3.5	17
12	THE ARTIFICIAL BEE COLONY ALGORITHM IN TRAINING ARTIFICIAL NEURAL NETWORK FOR OIL SPILL DETECTION. <i>Neural Network World</i> , <b>2011</b> , 21, 473-492	2.9	14
11	Sizing and layout optimization of truss structures with artificial bee colony algorithm. <i>Structures</i> , <b>2021</b> , 30, 546-559	3.4	9
10	Artificial Bee Colony Programming Descriptor for Multi-Class Texture Classification. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1930	2.6	4
9	Alignment of biological sequences by discrete Artificial Bee Colony algorithm <b>2015</b> ,		3
8	A comparative study on Differential Evolution based routing implementations for wireless sensor networks <b>2012</b> ,		3
7	A novel modulation recognition technique based on artificial bee colony algorithm in the presence of multipath fading channels <b>2013</b> ,		3
6	Optimization, Modeling and Implementation of Plant Water Consumption Control Using Genetic Algorithm and Artificial Neural Network in a Hybrid Structure. <i>Arabian Journal for Science and Engineering</i> ,1	2.5	3
5	Feature selection and classification of metabolomics data using artificial bee colony programming (ABCP). <i>International Journal of Data Mining and Bioinformatics</i> , <b>2020</b> , 23, 101	0.5	2
4	Solving differential equations with artificial bee colony programming. <i>Soft Computing</i> , <b>2020</b> , 24, 17991-18007	3.0	1
3	Feature Selection for Classification with Artificial Bee Colony Programming <b>2019</b> ,		1
2	A new vision of evaluating gene expression signatures. <i>Computational Biology and Chemistry</i> , <b>2015</b> , 57, 54-60	3.6	0
1	Closed-form design equations for asymmetric coplanar strip line with an infinitely wide strip. <i>Electromagnetics</i> , <b>2017</b> , 37, 411-421	0.8	