

Omer Kaan Baykan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,591
citations

840119

11
h-index

887659

17
g-index

23
all docs

23
docs citations

23
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting direction of stock price index movement using artificial neural networks and support vector machines: The sample of the Istanbul Stock Exchange. Expert Systems With Applications, 2011, 38, 5311-5319.	4.4	612
2	A new hybrid method based on Particle Swarm Optimization, Ant Colony Optimization and 3-Opt algorithms for Traveling Salesman Problem. Applied Soft Computing Journal, 2015, 30, 484-490.	4.1	323
3	Predicting bank financial failures using neural networks, support vector machines and multivariate statistical methods: A comparative analysis in the sample of savings deposit insurance fund (SDIF) transferred banks in Turkey. Expert Systems With Applications, 2009, 36, 3355-3366.	4.4	201
4	A parallel cooperative hybrid method based on ant colony optimization and 3-Opt algorithm for solving traveling salesman problem. Soft Computing, 2018, 22, 1669-1685.	2.1	118
5	A novel modified bat algorithm hybridizing by differential evolution algorithm. Expert Systems With Applications, 2020, 141, 112949.	4.4	67
6	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
7	A new deep convolutional neural network model for classifying breast cancer histopathological images and the hyperparameter optimisation of the proposed model. Journal of Supercomputing, 2021, 77, 973-989.	2.4	41
8	Assessment of exercise stress testing with artificial neural network in determining coronary artery disease and predicting lesion localization. Expert Systems With Applications, 2009, 36, 2562-2566.	4.4	33
9	Predicting 10-day Mortality in Patients with Strokes Using Neural Networks and Multivariate Statistical Methods. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 1506-1512.	0.7	30
10	Boundary constrained voxel segmentation for 3D point clouds using local geometric differences. Expert Systems With Applications, 2020, 157, 113439.	4.4	24
11	A new approach based on particle swarm optimization algorithm for solving data allocation problem. Applied Soft Computing Journal, 2018, 62, 571-578.	4.1	19
12	Bone age determination in young children (newborn to 6 years old) using support vector machines. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 1693-1708.	0.9	11
13	Determination of damage levels of RC columns with a smart system oriented method. Bulletin of Earthquake Engineering, 2020, 18, 3223-3245.	2.3	10
14	Force Feedback Control of Lower Extremity Exoskeleton Assisting of Load Carrying Human. Applied Mechanics and Materials, 0, 598, 546-550.	0.2	9
15	Detection of tumor with Otsu-PSO method on brain MR image. , 2014, , .		8
16	Shear strength predicting of FRP-strengthened RC beams by using artificial neural networks. Science and Engineering of Composite Materials, 2014, 21, 239-255.	0.6	7
17	A new feature selection method for text categorization based on information gain and particle swarm optimization. , 2014, , .		7
18	A New Hybrid BA_ABC Algorithm for Global Optimization Problems. Mathematics, 2020, 8, 1749.	1.1	7

#	ARTICLE	IF	CITATIONS
19	A Comparison of Artificial Intelligence Methods on Determining Coronary Artery Disease. Communications in Computer and Information Science, 2010, , 18-26.	0.4	4
20	Classifiers Fusion in Recognition of Wheat Varieties. , 2007, , 62-71.		3
21	Effects of Feature Selection Using Binary Particle Swarm Optimization on Wheat Variety Classification. Communications in Computer and Information Science, 2010, , 11-17.	0.4	3
22	Recognition of Sun-pest Infected Wheat Kernels Using Artificial Neural Networks. , 2007, , .		2