

Timea Bezdán

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,519
citations

361296

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h-index

501076

28
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39
all docs

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docs citations

39
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of a Novel Chaotic Firefly Algorithm with Enhanced Exploration for Tackling Global Optimization Problems: Application for Dropout Regularization. Mathematics, 2021, 9, 2705.	1.1	95
2	Wireless Sensor Networks Life Time Optimization Based on the Improved Firefly Algorithm. , 2020, , .		87
3	Optimizing Convolutional Neural Network Hyperparameters by Enhanced Swarm Intelligence Metaheuristics. Algorithms, 2020, 13, 67.	1.2	87
4	Hybrid Fruit-Fly Optimization Algorithm with K-Means for Text Document Clustering. Mathematics, 2021, 9, 1929.	1.1	83
5	Task Scheduling in Cloud Computing Environment by Grey Wolf Optimizer. , 2019, , .		82
6	Modified firefly algorithm for workflow scheduling in cloud-edge environment. Neural Computing and Applications, 2022, 34, 9043-9068.	3.2	82
7	Glioma Brain Tumor Grade Classification from MRI Using Convolutional Neural Networks Designed by Modified FA. Advances in Intelligent Systems and Computing, 2021, , 955-963.	0.5	62
8	Monarch Butterfly Optimization Based Convolutional Neural Network Design. Mathematics, 2020, 8, 936.	1.1	61
9	Classification and Feature Selection Method for Medical Datasets by Brain Storm Optimization Algorithm and Support Vector Machine. Procedia Computer Science, 2019, 162, 307-315.	1.2	56
10	Multi-objective task scheduling in cloud computing environment by hybridized bat algorithm. Journal of Intelligent and Fuzzy Systems, 2021, 42, 411-423.	0.8	55
11	Artificial Neural Networks Hidden Unit and Weight Connection Optimization by Quasi-Reflection-Based Learning Artificial Bee Colony Algorithm. IEEE Access, 2021, 9, 169135-169155.	2.6	55
12	Hybridized sine cosine algorithm with convolutional neural networks dropout regularization application. Scientific Reports, 2022, 12, 6302.	1.6	49
13	Multi-objective Task Scheduling in Cloud Computing Environment by Hybridized Bat Algorithm. Advances in Intelligent Systems and Computing, 2021, , 718-725.	0.5	48
14	Optimized convolutional neural network by firefly algorithm for magnetic resonance image classification of glioma brain tumor grade. Journal of Real-Time Image Processing, 2021, 18, 1085-1098.	2.2	47
15	Feature Selection by Firefly Algorithm with Improved Initialization Strategy. , 2021, , .		46
16	Optimizing Convolutional Neural Network by Hybridized Elephant Herding Optimization Algorithm for Magnetic Resonance Image Classification of Glioma Brain Tumor Grade. , 2021, , .		45
17	Weight Optimization in Artificial Neural Network Training by Improved Monarch Butterfly Algorithm. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 397-409.	0.5	44
18	Feature Selection by Hybrid Brain Storm Optimization Algorithm for COVID-19 Classification. Journal of Computational Biology, 2022, 29, 515-529.	0.8	41

#	ARTICLE	IF	CITATIONS
19	Training Multi-Layer Perceptron with Enhanced Brain Storm Optimization Metaheuristics. Computers, Materials and Continua, 2022, 70, 4199-4215.	1.5	38
20	Improved Harris Hawks Optimization Algorithm for Workflow Scheduling Challenge in Cloud-Edge Environment. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 87-102.	0.5	36
21	Multi-layer Perceptron Training Using Hybridized Bat Algorithm. Advances in Intelligent Systems and Computing, 2021, , 689-705.	0.5	33
22	Feed-Forward Neural Network Training by Hybrid Bat Algorithm. Communications in Computer and Information Science, 2021, , 52-66.	0.4	32
23	Enhanced Flower Pollination Algorithm for Task Scheduling in Cloud Computing Environment. Lecture Notes in Networks and Systems, 2021, , 163-171.	0.5	28
24	Current Best Opposition-Based Learning Salp Swarm Algorithm for Global Numerical Optimization. , 2021, , .		26
25	Feedforward Multi-Layer Perceptron Training by Hybridized Method between Genetic Algorithm and Artificial Bee Colony. , 2021, , 279-292.		26
26	Feature Selection in Machine Learning by Hybrid Sine Cosine Metaheuristics. Communications in Computer and Information Science, 2021, , 604-616.	0.4	26
27	Improving Energy Usage in Wireless Sensor Networks by Whale Optimization Algorithm. , 2021, , .		21
28	Energy Efficient Clustering in Wireless Sensor Networks by Opposition-Based Initialization Bat Algorithm. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 1-16.	0.5	20
29	Wireless Sensor Networks Localization by Improved Whale Optimization Algorithm. Algorithms for Intelligent Systems, 2022, , 769-783.	0.5	19
30	Dimensionality Reduction Using Hybrid Brainstorm Optimization Algorithm. Lecture Notes in Networks and Systems, 2022, , 679-692.	0.5	17
31	Automatically Designing Convolutional Neural Network Architecture with Artificial Flora Algorithm. Advances in Intelligent Systems and Computing, 2020, , 371-378.	0.5	14
32	Artificial Flora Optimization Algorithm for Task Scheduling in Cloud Computing Environment. Lecture Notes in Computer Science, 2019, , 437-445.	1.0	12
33	Improved Harris Hawks Optimization Adapted for Artificial Neural Network Training. Lecture Notes in Networks and Systems, 2022, , 281-289.	0.5	12
34	Feature Selection by Hybrid Binary Ant Lion Optimizer with COVID-19 dataset. , 2021, , .		10
35	Dropout Probability Estimation in Convolutional Neural Networks by the Enhanced Bat Algorithm. , 2020, , .		8
36	Artificial Flora Optimization Algorithm with Genetically Guided Operators for Feature Selection and Neural Network Training. International Journal of Fuzzy Systems, 2022, 24, 2538-2559.	2.3	7

#	ARTICLE	IF	CITATIONS
37	Cryptocurrency Price Prediction by Using Hybrid Machine Learning and Beetle Antennae Search Approach. , 2021, , .		7
38	Enhanced Seagull Optimization Algorithm Adapted for Artificial Neural Network Training. Smart Innovation, Systems and Technologies, 2022, , 753-761.	0.5	2