

Aboozar Taherkhani

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

659
citations

1477746

6
h-index

1473754

9
g-index

21
all docs

21
docs citations

21
times ranked

556
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of learning in biologically plausible spiking neural networks. <i>Neural Networks</i> , 2020, 122, 253-272.	3.3	199
2	AdaBoost-CNN: An adaptive boosting algorithm for convolutional neural networks to classify multi-class imbalanced datasets using transfer learning. <i>Neurocomputing</i> , 2020, 404, 351-366.	3.5	146
3	DL-ReSuMe: A Delay Learning-Based Remote Supervised Method for Spiking Neurons. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 3137-3149.	7.2	69
4	A Supervised Learning Algorithm for Learning Precise Timing of Multiple Spikes in Multilayer Spiking Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 5394-5407.	7.2	59
5	Deep-FS: A feature selection algorithm for Deep Boltzmann Machines. <i>Neurocomputing</i> , 2018, 322, 22-37.	3.5	56
6	Hand gesture recognition using an adapted convolutional neural network with data augmentation. , 2018, , .		37
7	Fingerprint classification using a deep convolutional neural network. , 2018, , .		32
8	Multi-DL-ReSuMe: Multiple neurons Delay Learning Remote Supervised Method. , 2015, , .		10
9	On-line voltage stability monitoring using an Ensemble AdaBoost classifier. , 2018, , .		9
10	Optimization of Output Spike Train Encoding for a Spiking Neuron Based on its Spatio-temporal Input Pattern. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020, 12, 427-438.	2.6	8
11	Activity Recognition from Multi-modal Sensor Data Using a Deep Convolutional Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 203-218.	0.5	7
12	Design of a chaotic neural network for training and retrieval of grayscale and binary patterns. <i>Neurocomputing</i> , 2011, 74, 2824-2833.	3.5	6
13	Design of a chaotic neural network by using chaotic nodes and NDRAM network. , 2008, , .		4
14	Using Phoneme Segmentation in Conjunction with Missing Feature Approaches for Noise Robust Speech Recognition. , 2007, , .		2
15	Design of Chaotic Neural Network for Robust Phoneme Recognition. , 2008, , .		2
16	Robust pattern recognition using chaotic dynamics in Attractor Recurrent Neural Network. , 2010, , .		2
17	Nonlinear Signal Processing for Voice Disorder Detection by Using Modified GP Algorithm and Surrogate Data Analysis. , 2007, , .		1
18	Missing Feature reconstruction with Multivariate Laplace distribution (MLD) for noise robust phoneme recognition. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
19	Is the Migraine Headache Ameliorated by Enhancing Chloride Current?. Journal of Neuropsychiatry and Clinical Neurosciences, 2007, 19, 340-341.	0.9	0
20	Can the Chaotic Nature of Parkinson's Disease Be Used to Evaluate the Effect of Medication on Parkinson's Disease Symptoms?. Journal of Neuropsychiatry and Clinical Neurosciences, 2013, 25, E16-E16.	0.9	0