

Shirin Dora

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

285
citations

1307366

7
h-index

1281743

11
g-index

18
all docs

18
docs citations

18
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying brain regions contributing to Alzheimer's disease using self regulating particle swarm optimization. International Journal of Imaging Systems and Technology, 2021, 31, 106-117.	2.7	7
2	Deep Segmenter system for recognition of micro cracks in solar cell. Multimedia Tools and Applications, 2021, 80, 6509-6533.	2.6	4
3	DoB-SNN: A New Neuron Assembly-Inspired Spiking Neural Network for Pattern Classification. , 2021, , .		2
4	Deep Gated Hebbian Predictive Coding Accounts for Emergence of Complex Neural Response Properties Along the Visual Cortical Hierarchy. Frontiers in Computational Neuroscience, 2021, 15, 666131.	1.2	9
5	Spiking Neural Networks for Computational Intelligence: An Overview. Big Data and Cognitive Computing, 2021, 5, 67.	2.9	19
6	Multimodal Representation Learning for Place Recognition Using Deep Hebbian Predictive Coding. Frontiers in Robotics and AI, 2021, 8, 732023.	2.0	15
7	MIEEG-GAN: Generating Artificial Motor Imagery Electroencephalography Signals. , 2020, , .		19
8	Self-regulated Learning Algorithm for Distributed Coding Based Spiking Neural Classifier. , 2020, , .		3
9	Towards a Unified View on Pathways and Functions of Neural Recurrent Processing. Trends in Neurosciences, 2019, 42, 589-603.	4.2	62
10	An Interclass Margin Maximization Learning Algorithm for Evolving Spiking Neural Network. IEEE Transactions on Cybernetics, 2019, 49, 989-999.	6.2	19
11	A Deep Predictive Coding Network for Inferring Hierarchical Causes Underlying Sensory Inputs. Lecture Notes in Computer Science, 2018, , 457-467.	1.0	7
12	Online Meta-neuron based Learning Algorithm for a spiking neural classifier. Information Sciences, 2017, 414, 19-32.	4.0	11
13	Development of a Self-Regulating Evolving Spiking Neural Network for classification problem. Neurocomputing, 2016, 171, 1216-1229.	3.5	61
14	A two stage learning algorithm for a Growing-Pruning Spiking Neural Network for pattern classification problems. , 2015, , .		24
15	A sequential learning algorithm for a spiking neural classifier. Applied Soft Computing Journal, 2015, 36, 255-268.	4.1	13
16	A sequential learning algorithm for a Minimal Spiking Neural Network (MSNN) classifier. , 2014, , .		7