Jesus L Lobo

List of Publications by Year
in descending order

23 papers	423 citations	1306789 7 h-index	940134 16 g-index
25 all docs	25 docs citations	25 times ranked	394 citing authors

#	ARTICLE	IF	CITATIONS
1	Spiking Neural Networks and online learning: An overview and perspectives. Neural Networks, 2020, 121, 88-100.	3.3	136
2	Evolving Spiking Neural Networks for online learning over drifting data streams. Neural Networks, 2018, 108, 1-19.	3.3	60
3	Adaptive long-term traffic state estimation with evolving spiking neural networks. Transportation Research Part C: Emerging Technologies, 2019, 101, 126-144.	3.9	57
4	Unsupervised Anomaly Detection in Stream Data with Online Evolving Spiking Neural Networks. Neural Networks, 2021, 139, 118-139.	3.3	37
5	AT-MFCGA: An Adaptive Transfer-guided Multifactorial Cellular Genetic Algorithm for Evolutionary Multitasking. Information Sciences, 2021, 570, 577-598.	4.0	25
6	DRED: An evolutionary diversity generation method for concept drift adaptation in online learning environments. Applied Soft Computing Journal, 2018, 68, 693-709.	4.1	20
7	Cognitive workload classification using eye-tracking and EEG data. , 2016, , .		17
8	Community detection in graphs based on surprise maximization using firefly heuristics. , 2016, , .		9
9	Multifactorial Cellular Genetic Algorithm (MFCGA): Algorithmic Design, Performance Comparison and Genetic Transferability Analysis. , 2020, , .		9
10	Deep Echo State Networks for Short-Term Traffic Forecasting: Performance Comparison and Statistical Assessment. , 2020, , .		9
11	Stream Learning in Energy IoT Systems: A Case Study in Combined Cycle Power Plants. Energies, 2020, 13, 740.	1.6	8
12	Drift Detection over Non-stationary Data Streams Using Evolving Spiking NeuralÂNetworks. Studies in Computational Intelligence, 2018, , 82-94.	0.7	6
13	Exploiting the stimuli encoding scheme of evolving Spiking Neural Networks for stream learning. Neural Networks, 2020, 123, 118-133.	3.3	5
14	New Perspectives on the Use of Online Learning for Congestion Level Prediction over Traffic Data. , 2020, , .		4
15	CURIE: a cellular automaton for concept drift detection. Data Mining and Knowledge Discovery, 2021, 35, 2655-2678.	2.4	4
16	Identifying recommendation opportunities for computerâ€supported collaborative environments. Expert Systems, 2016, 33, 463-479.	2.9	3
17	LUNAR: Cellular automata for drifting data streams. Information Sciences, 2021, 543, 467-487.	4.0	3
18	On the Creation of Diverse Ensembles for Nonstationary Environments Using Bio-inspired Heuristics. Advances in Intelligent Systems and Computing, 2017, , 67-77.	0.5	3

#	Article	IF	Citations
19	Road Traffic Forecasting Using NeuCube and Dynamic Evolving Spiking NeuralÂNetworks. Studies in Computational Intelligence, 2018, , 192-203.	0.7	2
20	Modelling gene interaction networks from time-series gene expression data using evolving spiking neural networks. Evolving Systems, 2020, 11, 599-613.	2.4	2
21	Optimization and Prediction Techniques for Self-Healing and Self-Learning Applications in a Trustworthy Cloud Continuum. Information (Switzerland), 2021, 12, 308.	1.7	2
22	Multi-objective heuristics applied to robot task planning for inspection plants. , 2017, , .		1
23	Concept Tracking and Adaptation for Drifting Data Streams under Extreme Verification Latency. Studies in Computational Intelligence, 2018, , 11-25.	0.7	1