

Jesus L Lobo

List of Publications by Year in descending order

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23
papers

423
citations

1307366

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16
g-index

25
all docs

25
docs citations

25
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	LUNAR: Cellular automata for drifting data streams. Information Sciences, 2021, 543, 467-487.	4.0	3
2	Optimization and Prediction Techniques for Self-Healing and Self-Learning Applications in a Trustworthy Cloud Continuum. Information (Switzerland), 2021, 12, 308.	1.7	2
3	Unsupervised Anomaly Detection in Stream Data with Online Evolving Spiking Neural Networks. Neural Networks, 2021, 139, 118-139.	3.3	37
4	AT-MFCGA: An Adaptive Transfer-guided Multifactorial Cellular Genetic Algorithm for Evolutionary Multitasking. Information Sciences, 2021, 570, 577-598.	4.0	25
5	CURIE: a cellular automaton for concept drift detection. Data Mining and Knowledge Discovery, 2021, 35, 2655-2678.	2.4	4
6	Modelling gene interaction networks from time-series gene expression data using evolving spiking neural networks. Evolving Systems, 2020, 11, 599-613.	2.4	2
7	Spiking Neural Networks and online learning: An overview and perspectives. Neural Networks, 2020, 121, 88-100.	3.3	136
8	Exploiting the stimuli encoding scheme of evolving Spiking Neural Networks for stream learning. Neural Networks, 2020, 123, 118-133.	3.3	5
9	Multifactorial Cellular Genetic Algorithm (MFCGA): Algorithmic Design, Performance Comparison and Genetic Transferability Analysis. , 2020, , .		9
10	New Perspectives on the Use of Online Learning for Congestion Level Prediction over Traffic Data. , 2020, , .		4
11	Stream Learning in Energy IoT Systems: A Case Study in Combined Cycle Power Plants. Energies, 2020, 13, 740.	1.6	8
12	Deep Echo State Networks for Short-Term Traffic Forecasting: Performance Comparison and Statistical Assessment. , 2020, , .		9
13	Adaptive long-term traffic state estimation with evolving spiking neural networks. Transportation Research Part C: Emerging Technologies, 2019, 101, 126-144.	3.9	57
14	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
15	Concept Tracking and Adaptation for Drifting Data Streams under Extreme Verification Latency. Studies in Computational Intelligence, 2018, , 11-25.	0.7	1
16	Road Traffic Forecasting Using NeuCube and Dynamic Evolving Spiking Neural Networks. Studies in Computational Intelligence, 2018, , 192-203.	0.7	2
17	Drift Detection over Non-stationary Data Streams Using Evolving Spiking Neural Networks. Studies in Computational Intelligence, 2018, , 82-94.	0.7	6
18	Evolving Spiking Neural Networks for online learning over drifting data streams. Neural Networks, 2018, 108, 1-19.	3.3	60

#	ARTICLE	IF	CITATIONS
19	Multi-objective heuristics applied to robot task planning for inspection plants. , 2017, , .		1
20	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
21	Community detection in graphs based on surprise maximization using firefly heuristics. , 2016, , .		9
22	Identifying recommendation opportunities for computer-supported collaborative environments. Expert Systems, 2016, 33, 463-479.	2.9	3
23	Cognitive workload classification using eye-tracking and EEG data. , 2016, , .		17