MÃ¡rio L Antunes

List of Publications by Year
in descending order

34 papers	215 citations	1478505 6 h-index	1125743 13 g-index
34 all docs	34 docs citations	34 times ranked	210 citing authors

#	Article	IF	Citations
1	On the application of contextual IoT service discovery in Information Centric Networks. Computer Communications, 2016, 89-90, 117-127.	5.1	32
2	Towards IoT data classification through semantic features. Future Generation Computer Systems, 2018, 86, 792-798.	7.5	30
3	Assessing sheep behavior through low-power microcontrollers in smart agriculture scenarios. Computers and Electronics in Agriculture, 2020, 173, 105444.	7.7	20
4	Forecasting Appliances Failures: A Machine-Learning Approach to Predictive Maintenance. Information (Switzerland), 2020, 11, 208.	2.9	19
5	Knee/Elbow Estimation Based on First Derivative Threshold. , 2018, , .		15
6	Scalable semantic aware context storage. Future Generation Computer Systems, 2016, 56, 675-683.	7.5	14
7	Context storage for M2M scenarios. , 2014, , .		8
8	Semantic Features for Context Organization. , 2015, , .		8
9	Effect of Initial Configuration of Weights on Training and Function of Artificial Neural Networks. Mathematics, 2021, 9, 2246.	2.2	7
10	Building an IoT Platform Based on Service Containerisation. Sensors, 2021, 21, 6688.	3.8	7
11	Smart Cloud of Things: An Evolved IoT Platform for Telco Providers. Journal of Communication Navigation Sensing and Services (CONASENSE), 2016, 1, 1-24.	0.2	5
12	Knee/Elbow Point Estimation through Thresholding. , 2018, , .		5
13	Aerial Ball Perception Based on the Use of a Single Perspective Camera. Lecture Notes in Computer Science, 2013, , 235-246.	1.3	5
14	Semantic-Based Publish/Subscribe for M2M. , 2014, , .		4
15	SCoTv2: Large Scale Data Acquisition, Processing, and Visualization Platform. , 2019, , .		4
16	A Context-Aware Framework for Collaborative Activities in Pervasive Communities. International Journal of Distributed Systems and Technologies, 2014, 5, 31-43.	0.7	4
17	Learning Semantic Features from Web Services. , 2016, , .		3
18	Vehicular dataset for road assessment conditions. , 2017, , .		3

#	Article	IF	Citations
19	Unified Platform for M2M Telco Providers. Lecture Notes in Computer Science, 2014, , 436-443.	1.3	3
20	Root Cause Analysis in 5G/6G Networks. , 2021, , .		3
21	Towards behaviour inference in smart environments. , 2013, , .		2
22	Scalable Semantic Aware Context Storage. , 2014, , .		2
23	CLASSY: A Conversational Aware Suggestion System. Proceedings (mdpi), 2019, 31, .	0.2	2
24	Misalignment problem in matrix decomposition with missing values. Machine Learning, 2021, 110, 3157-3175.	5.4	2
25	Contour-Based Object Extraction and Clutter Removal for Semantic Vision. Lecture Notes in Computer Science, 2013, , 170-180.	1.3	2
26	Semantic similarity on constraints datasets: A latent approach. , 2021, , .		2
27	Improve IoT/M2M Data Organization Based on Stream Patterns. , 2017, , .		1
28	Predictive Maintenance System for Efficiency Improvement of Heating Equipment. , 2019, , .		1
29	Unsupervised Internet-Based Category Learning for Object Recognition. Lecture Notes in Computer Science, 2013, , 766-773.	1.3	1
30	The Impact of Clustering for Learning Semantic Categories. , 2018, , .		1
31	AL and S Methods: Two Extensions for L-Method. , 2019, , .		0
32	Applying Reinforcement Learning in Context Limited Environments. , 2020, , .		0
33	Extracting Knowledge from Stream Behavioural Patterns. , 2017, , .		0
34	Stream Generation: Markov Chains vs GANs. , 2019, , .		0