Luiz Eduardo Soares de Oliveira

List of Publications by Citations

22 papers	1,736 citations	15 h-index	23 g-index
23 ext. papers	2,416 ext. citations	5.7 avg, IF	5.29 L-index

#	Paper	IF	Citations
22	A Dataset for Breast Cancer Histopathological Image Classification. *IEEE Transactions on Biomedical Engineering*, **2016**, 63, 1455-62	5	477
21	Breast cancer histopathological image classification using Convolutional Neural Networks **2016**,		340
20	Multiple instance learning for histopathological breast cancer image classification. *Expert Systems With Applications*, **2019**, 117, 103-111	7.8	150
19	Learning features for offline handwritten signature verification using deep convolutional neural networks. *Pattern Recognition*, **2017**, 70, 163-176	7.7	142
18	Automatic recognition of handwritten numerical strings: a recognition and verification strategy. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2002**, 24, 1438-1454	13.3	132
17	PKLot – A robust dataset for parking lot classification. *Expert Systems With Applications*, **2015**, 42, 4937-4949	7.5	112
16	Toward a reliable anomaly-based intrusion detection in real-world environments. *Computer Networks*, **2017**, 127, 200-216	5.4	63
15	Forest Species Recognition Using Deep Convolutional Neural Networks **2014**,		54
14	Forest species recognition using macroscopic images. *Machine Vision and Applications*, **2014**, 25, 1019-1031	2.8	49
13	. *IEEE Transactions on Computers*, **2017**, 66, 163-177	2.5	47
12	Adapting dynamic classifier selection for concept drift. *Expert Systems With Applications*, **2018**, 104, 67-85	7.8	39
11	Filtering segmentation cuts for digit string recognition. *Pattern Recognition*, **2008**, 41, 3044-3053	7.7	29
10	Handwritten digit segmentation: Is it still necessary?. *Pattern Recognition*, **2018**, 78, 1-11	7.7	21
9	Impact of Lung Segmentation on the Diagnosis and Explanation of COVID-19 in Chest X-ray Images. *Sensors*, **2021**, 21,	3.8	21
8	Obtaining the threat model for e-mail phishing. *Applied Soft Computing Journal*, **2013**, 13, 4841-4848	7.5	18
7	An automatic recognition system of Brazilian flora species based on textural features of macroscopic images of wood. *Wood Science and Technology*, **2020**, 54, 1065-1090	2.5	14
6	Automatic classification of native wood charcoal. *Ecological Informatics*, **2018**, 46, 1-7	4.2	9

List of Publications

5	Machine Learning Methods for Histopathological Image Analysis: A Review. *Electronics (Switzerland)*, **2021**, 10, 562	2.6	6
4	Enabling Anomaly-based Intrusion Detection Through Model Generalization **2018**,		5
3	Segmentation-Free Approaches For Handwritten Numeral String Recognition **2018**,		4
2	Two-view fine-grained classification of plant species. *Neurocomputing*, **2022**, 467, 427-441	5.4	2
1	A comprehensive comparison of end-to-end approaches for handwritten digit string recognition. *Expert Systems With Applications*, **2021**, 165, 114196	7.8	2