

Noel PÃ©rez PÃ©rez

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

242
citations

1305906

8
h-index

1255698

13
g-index

30
all docs

30
docs citations

30
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the Mann-Whitney statistical test for feature selection: An approach in breast cancer diagnosis on mammography. <i>Artificial Intelligence in Medicine</i> , 2015, 63, 19-31.	3.8	58
2	ESeismic: Towards an Ecuadorian volcano seismic repository. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 396, 106855.	0.8	23
3	Combining Filter-Based Feature Selection Methods and Gaussian Mixture Model for the Classification of Seismic Events From Cotopaxi Volcano. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 1991-2003.	2.3	22
4	A New Volcanic Seismic Signal Descriptor and its Application to a Data Set From the Cotopaxi Volcano. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 6493-6503.	2.7	17
5	Improving the performance of machine learning classifiers for Breast Cancer diagnosis based on feature selection. , 0, , .		16
6	Exploring the unsupervised classification of seismic events of Cotopaxi volcano. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 403, 107009.	0.8	16
7	Automatic ladybird beetle detection using deep-learning models. <i>PLoS ONE</i> , 2021, 16, e0253027.	1.1	14
8	ESeismic-GAN: A Generative Model for Seismic Events From Cotopaxi Volcano. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 7111-7120.	2.3	10
9	Spontaneous Intracerebral Hemorrhage Image Analysis Methods: A Survey. , 2009, , 235-251.		10
10	Building Machine Learning Models for Long-Period and Volcano-Tectonic Event Classification. , 2019, , .		9
11	An approach to automatic classification of <i>Culicoides</i> species by learning the wing morphology. <i>PLoS ONE</i> , 2020, 15, e0241798.	1.1	8
12	Deep-Learning for Volcanic Seismic Events Classification. , 2020, , .		6
13	Benchmarking Seismic-Based Feature Groups to Classify the Cotopaxi Volcanic Activity. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	5
14	Volcanic Seismic Event Classification based on CNN Architectures. , 2020, , .		5
15	Improving breast cancer classification with mammography, supported on an appropriate variable selection analysis. , 2013, , .		4
16	Toward Real-Time Volcano Seismic Eventsâ€™ Classification: A New Approach Using Mathematical Morphology and Similarity Criteria. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	2.7	4
17	On finding possible frequencies for recognizing microearthquakes at Cotopaxi volcano: A machine learning based approach. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 407, 107092.	0.8	3
18	Hammerhead Shark Species Monitoring with Deep Learning. <i>Communications in Computer and Information Science</i> , 2021, , 45-59.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Coccinellidae Beetle Specimen Detection Using Convolutional Neural Networks. , 2021, , .		3
20	Tracking Hammerhead Sharks With Deep Learning. , 2020, , .		2
21	Towards Automatic Comparison of Online Campaign Versus Electoral Manifestos. Communications in Computer and Information Science, 2021, , 60-73.	0.4	1
22	Set of Methods for Spontaneous ICH Segmentation and Tracking from CT Head Images. , 2007, , 212-220.		1
23	Understanding the Energy Saving Potential of Smart Scale Selection in the Viola and Jones Facial Detection Algorithm. , 2017, , .		1
24	An Android App to Classify Culicoides Pusillus and Obsoletus Species. Communications in Computer and Information Science, 2021, , 31-44.	0.4	0
25	Seismic Event Classification Using Spectrograms and Deep Neural Nets. Communications in Computer and Information Science, 2021, , 16-30.	0.4	0
26	BeetleID: An Android Solution to Detect Ladybird Beetles. , 2021, , .		0
27	Path Planning Optimization in SDN Using Machine Learning Techniques. , 2021, , .		0