Roberto Corizzo

List of Publications by Year
in descending order

28 papers	645 citations	777949 13 h-index	993246 17 g-index
28 all docs	28 docs citations	28 times ranked	640 citing authors

#	Article	IF	Citations
1	CPDGA: Change point driven growing auto-encoder for lifelong anomaly detection. Knowledge-Based Systems, 2022, 247, 108756.	4.0	7
2	Multi-aspect renewable energy forecasting. Information Sciences, 2021, 546, 701-722.	4.0	49
3	Multi-Horizon Air Pollution Forecasting with Deep Neural Networks. Sensors, 2021, 21, 1235.	2.1	24
4	Undersampling with Support Vectors for Multi-Class Imbalanced Data Classification. , 2021, , .		10
5	Spatially-Aware Autoencoders for Detecting Contextual Anomalies in Geo-Distributed Data. Lecture Notes in Computer Science, 2021, , 461-471.	1.0	9
6	Calibrated Resampling for Imbalanced and Long-Tails in Deep Learning. Lecture Notes in Computer Science, 2021, , 242-252.	1.0	8
7	Explainable image analysis for decision support in medical healthcare. , 2021, , .		15
8	WATCH: Wasserstein Change Point Detection for High-Dimensional Time Series Data. , 2021, , .		6
9	Deep Learning for Feature Extraction in Remote Sensing: A Case-Study of Aerial Scene Classification. Sensors, 2020, 20, 3906.	2.1	58
10	ECHAD: Embedding-Based Change Detection From Multivariate Time Series in Smart Grids. IEEE Access, 2020, 8, 156053-156066.	2.6	36
11	Aerial Scene Classification through Fine-Tuning with Adaptive Learning Rates and Label Smoothing. Applied Sciences (Switzerland), 2020, 10, 5792.	1.3	29
12	Air Pollution Prediction with Multi-Modal Data and Deep Neural Networks. Remote Sensing, 2020, 12, 4142.	1.8	57
13	Literature on Applied Machine Learning in Metagenomic Classification: A Scoping Review. Biology, 2020, 9, 453.	1.3	15
14	Scalable auto-encoders for gravitational waves detection from time series data. Expert Systems With Applications, 2020, 151, 113378.	4.4	37
15	One-Class Ensembles for Rare Genomic Sequences Identification. Lecture Notes in Computer Science, 2020, , 340-354.	1.0	5
16	Big Data Analytics and Predictive Modeling Approaches for the Energy Sector. , 2019, , .		3
17	Spatial autocorrelation and entropy for renewable energy forecasting. Data Mining and Knowledge Discovery, 2019, 33, 698-729.	2.4	41
18	DENCAST: distributed density-based clustering for multi-target regression. Journal of Big Data, 2019, 6, .	6.9	40

#	Article	IF	Citations
19	Anomaly Detection and Repair for Accurate Predictions in Geo-distributed Big Data. Big Data Research, 2019, 16, 18-35.	2.6	44
20	Pattern and Anomaly Localization in Complex and Dynamic Data. , 2019, , .		5
21	Deep Learning Versus Conventional Learning in Data Streams with Concept Drifts. , 2019, , .		7
22	Spark-GHSOM: Growing Hierarchical Self-Organizing Map for large scale mixed attribute datasets. Information Sciences, 2019, 496, 572-591.	4.0	29
23	An OWL Ontology for Supporting Semantic Services in Big Data Platforms. , 2018, , .		11
24	Predictive Modeling of PV Energy Production: How to Set Up the Learning Task for a Better Prediction?. IEEE Transactions on Industrial Informatics, 2017, 13, 956-966.	7.2	66
25	Big Data Techniques For Supporting Accurate Predictions of Energy Production From Renewable Sources. , 2014, , .		11
26	Innovative power operating center management exploiting big data techniques. , 2014, , .		6
27	Short-term air pollution forecasting based on environmental factors and deep learning models. , 0, , .		8
28	Feature extraction based on word embedding models for intrusion detection in network traffic. , 0, , .		9