Rita Paula Ribeiro

List of Publications by Year
in descending order

30 papers	1,241 citations	759233 12 h-index	610901 24 g-index
34 all docs	34 docs citations	34 times ranked	1108 citing authors

#	Article	IF	Citations
1	A Survey on Data-Driven Predictive Maintenance for the Railway Industry. Sensors, 2021, 21, 5739.	3.8	42
2	Chebyshev approaches for imbalanced data streams regression models. Data Mining and Knowledge Discovery, 2021, 35, 2389-2466.	3.7	8
3	Predictive maintenance based on anomaly detection using deep learning for air production unit in the railway industry. , 2021, , .		13
4	Current Trends inÂLearning fromÂData Streams. Lecture Notes in Computer Science, 2021, , 183-193.	1.3	0
5	Imbalanced regression and extreme value prediction. Machine Learning, 2020, 109, 1803-1835.	5.4	42
6	A Study on Imbalanced Data Streams. Communications in Computer and Information Science, 2020, , 380-389.	0.5	2
7	Failure Detection of an Air Production Unit in Operational Context. Communications in Computer and Information Science, 2020, , 61-74.	0.5	2
8	The search of conditional outliers. Intelligent Data Analysis, 2019, 23, 23-39.	0.9	5
9	Pre-processing approaches for imbalanced distributions in regression. Neurocomputing, 2019, 343, 76-99.	5.9	55
10	SMOTEBoost for Regression: Improving the Prediction of Extreme Values. , 2018, , .		14
11	Resampling with neighbourhood bias on imbalanced domains. Expert Systems, 2018, 35, e12311.	4.5	3
12	MetaUtil: Meta Learning for Utility Maximization in Regression. Lecture Notes in Computer Science, 2018, , 129-143.	1.3	2
13	Outliers and the Simpsonâ€™s Paradox. Lecture Notes in Computer Science, 2018, , 267-278.	1.3	0
14	A Survey of Predictive Modeling on Imbalanced Domains. ACM Computing Surveys, 2017, 49, 1-50.	23.0	656
15	Learning Through Utility Optimization in Regression Tasks. , 2017, , .		3
16	Relevance-Based Evaluation Metrics for Multi-class Imbalanced Domains. Lecture Notes in Computer Science, 2017, , 698-710.	1.3	30
17	Exploring Resampling with Neighborhood Bias on Imbalanced Regression Problems. Lecture Notes in Computer Science, 2017, , 513-524.	1.3	2
18	Sequential anomalies: a study in the Railway Industry. Machine Learning, 2016, 105, 127-153.	5.4	29

#	Article	IF	Citations
19	Resampling strategies for regression. Expert Systems, 2015, 32, 465-476.	4.5	100
20	An Experimental Study on Predictive Models Using Hierarchical Time Series. Lecture Notes in Computer Science, 2015, , 501-512.	1.3	0
21	Failure Prediction â€“ An Application in the Railway Industry. Lecture Notes in Computer Science, 2014, , 264-275.	1.3	5
22	SMOTE for Regression. Lecture Notes in Computer Science, 2013, , 378-389.	1.3	116
23	Towards Utility Maximization in Regression. , 2012, , .		1
24	Precision and Recall for Regression. Lecture Notes in Computer Science, 2009, , 332-346.	1.3	27
25	A comparative study on predicting algae blooms in Douro River, Portugal. Ecological Modelling, 2008, 212, 86-91.	2.5	19
26	Utility-Based Regression. Lecture Notes in Computer Science, 2007, , 597-604.	1.3	37
27	Rule-Based Prediction of Rare Extreme Values. Lecture Notes in Computer Science, 2006, , 219-230.	1.3	1
28	Predicting Rare Extreme Values. Lecture Notes in Computer Science, 2006, , 816-820.	1.3	0
29	Predicting Harmful Algae Blooms. Lecture Notes in Computer Science, 2003, , 308-312.	1.3	6
30	Predicting Outliers. Lecture Notes in Computer Science, 2003, , 447-458.	1.3	13