

Luis Torgo

List of Publications by Year in descending order

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53
papers

2,036
citations

471477

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h-index

330122

37
g-index

53
all docs

53
docs citations

53
times ranked

2161
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Predictive Modeling on Imbalanced Domains. ACM Computing Surveys, 2017, 49, 1-50.	23.0	656
2	Predictive models for forecasting hourly urban water demand. Journal of Hydrology, 2010, 387, 141-150.	5.4	311
3	Data Mining with R. Chapman & Hall/CRC Data Mining and Knowledge Discovery Series, 2010, , .	0.2	177
4	SMOTE for Regression. Lecture Notes in Computer Science, 2013, , 378-389.	1.3	116
5	Evaluating time series forecasting models: an empirical study on performance estimation methods. Machine Learning, 2020, 109, 1997-2028.	5.4	106
6	Resampling strategies for regression. Expert Systems, 2015, 32, 465-476.	4.5	100
7	Design of an end-to-end method to extract information from tables. International Journal on Document Analysis and Recognition, 2006, 8, 144-171.	3.4	72
8	Pre-processing approaches for imbalanced distributions in regression. Neurocomputing, 2019, 343, 76-99.	5.9	55
9	Potential of dissimilatory nitrate reduction pathways in polycyclic aromatic hydrocarbon degradation. Chemosphere, 2018, 199, 54-67.	8.2	46
10	Utility-Based Regression. Lecture Notes in Computer Science, 2007, , 597-604.	1.3	37
11	Regression Using Classification Algorithms. Intelligent Data Analysis, 1997, 1, 275-292.	0.9	33
12	Resampling strategies for imbalanced time series forecasting. International Journal of Data Science and Analytics, 2017, 3, 161-181.	4.1	31
13	OpenML: A Collaborative Science Platform. Lecture Notes in Computer Science, 2013, , 645-649.	1.3	29
14	Precision and Recall for Regression. Lecture Notes in Computer Science, 2009, , 332-346.	1.3	27
15	Arbitrage of forecasting experts. Machine Learning, 2019, 108, 913-944.	5.4	25
16	A Comparative Study of Performance Estimation Methods for Time Series Forecasting. , 2017, , .		21
17	Regression error characteristic surfaces. , 2005, , .		20
18	How to evaluate sentiment classifiers for Twitter time-ordered data?. PLoS ONE, 2018, 13, e0194317.	2.5	20

#	ARTICLE	IF	CITATIONS
19	A comparative study on predicting algae blooms in Douro River, Portugal. Ecological Modelling, 2008, 212, 86-91.	2.5	19
20	Predicting Outliers. Lecture Notes in Computer Science, 2003, , 447-458.	1.3	13
21	Spatial Interpolation Using Multiple Regression. , 2012, , .		12
22	A Framework for Recommendation of Highly Popular News Lacking Social Feedback. New Generation Computing, 2017, 35, 417-450.	3.3	12
23	Evaluation Procedures for Forecasting with Spatio-Temporal Data. Lecture Notes in Computer Science, 2019, , 703-718.	1.3	10
24	Evaluation Procedures for Forecasting with Spatiotemporal Data. Mathematics, 2021, 9, 691.	2.2	9
25	Automatic Selection of Table Areas in Documents for Information Extraction. Lecture Notes in Computer Science, 2003, , 460-465.	1.3	8
26	Current State of the Art to Detect Fake News in Social Media: Global Trendings and Next Challenges. , 2018, , .		8
27	Clustered Partial Linear Regression. Machine Learning, 2003, 50, 303-319.	5.4	7
28	Resource-Bounded Fraud Detection. , 2007, , 449-460.		6
29	A Brief Overview on the Strategiesto Fight Back the Spreadof False Information. Journal of Web Engineering, 2019, 18, 319-352.	0.7	5
30	2D-interval predictions for time series. , 2011, , .		4
31	Biased resampling strategies for imbalanced spatio-temporal forecasting. International Journal of Data Science and Analytics, 2021, 12, 205-228.	4.1	4
32	Resampling Approaches to Improve News Importance Prediction. Lecture Notes in Computer Science, 2014, , 215-226.	1.3	4
33	Predicting Wildfires. Lecture Notes in Computer Science, 2016, , 183-197.	1.3	4
34	Resampling with neighbourhood bias on imbalanced domains. Expert Systems, 2018, 35, e12311.	4.5	3
35	Explaining the Performance of Black Box Regression Models. , 2019, , .		3
36	Visual interpretation of regression error. Expert Systems, 2020, 37, e12621.	4.5	3

#	ARTICLE	IF	CITATIONS
37	Visual Interpretation of Regression Error. Lecture Notes in Computer Science, 2019, , 473-485.	1.3	3
38	Time-Based Ensembles for Prediction of Rare Events in News Stream. , 2016, , .		2
39	A comparative study of approaches to forecast the correct trading actions. Expert Systems, 2017, 34, e12169.	4.5	2
40	Forecasting the Correct Trading Actions. Lecture Notes in Computer Science, 2015, , 560-571.	1.3	2
41	Exploring Resampling with Neighborhood Bias on Imbalanced Regression Problems. Lecture Notes in Computer Science, 2017, , 513-524.	1.3	2
42	Contributions to the Detection of Unreliable Twitter Accounts through Analysis of Content and Behaviour. , 2018, , .		2
43	Can Fake News Detection Models Maintain the Performance through Time? A Longitudinal Evaluation of Twitter Publications. Mathematics, 2021, 9, 2988.	2.2	2
44	Profiling Accounts Political Bias on Twitter. , 2021, , .		1
45	Towards a pragmatic detection of unreliable accounts on social networks. Online Social Networks and Media, 2021, 24, 100152.	3.6	1
46	Rule-Based Prediction of Rare Extreme Values. Lecture Notes in Computer Science, 2006, , 219-230.	1.3	1
47	Detecting Errors in Foreign Trade Transactions: Dealing with Insufficient Data. Lecture Notes in Computer Science, 2009, , 435-446.	1.3	1
48	Knowledge-based Reliability Metrics for Social Media Accounts. , 2020, , .		1
49	Analysis and Detection of Unreliable Users in Twitter: Two Case Studies. Communications in Computer and Information Science, 2020, , 50-73.	0.5	0
50	Automatic Hierarchical Time-Series Forecasting Using Gaussian Processes. Engineering Proceedings, 2021, 5, .	0.4	0
51	Active Learning for Imbalanced Domains: the ALOD and ALOD-RE Algorithms. , 2021, , .		0
52	Adapting Peephaling to Regression Trees. Lecture Notes in Computer Science, 2005, , 293-303.	1.3	0
53	Predicting Rare Extreme Values. Lecture Notes in Computer Science, 2006, , 816-820.	1.3	0