

Daniel Urda Muñoz

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

667
citations

840119

11
h-index

642321

23
g-index

47
all docs

47
docs citations

47
times ranked

781
citing authors

#	ARTICLE	IF	CITATIONS
1	IgG glycan patterns are associated with type 2 diabetes in independent European populations. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2240-2249.	1.1	93
2	Forward Noise Adjustment Scheme for Data Augmentation. , 2018, , .		74
3	Efficient Implementation of the Backpropagation Algorithm in FPGAs and Microcontrollers. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 1840-1850.	7.2	62
4	Towards a Reliable Comparison and Evaluation of Network Intrusion Detection Systems Based on Machine Learning Approaches. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1775.	1.3	62
5	ESD Fabricated Thin Films of Spinel LiMn ₂ O ₄ for Lithium Microbatteries: I. Effects of Thickness. <i>Journal of the Electrochemical Society</i> , 2002, 149, A19.	1.3	59
6	Advanced Machine Learning techniques for fake news (online disinformation) detection: A systematic mapping study. <i>Applied Soft Computing Journal</i> , 2021, 101, 107050.	4.1	59
7	A permutation entropy-based EMD-ANN forecasting ensemble approach for wind speed prediction. <i>Neural Computing and Applications</i> , 2021, 33, 2369-2391.	3.2	53
8	Robust gene signatures from microarray data using genetic algorithms enriched with biological pathway keywords. <i>Journal of Biomedical Informatics</i> , 2014, 49, 32-44.	2.5	24
9	Application of genetic algorithms and constructive neural networks for the analysis of microarray cancer data. <i>Theoretical Biology and Medical Modelling</i> , 2014, 11, S7.	2.1	24
10	Deep Learning to Analyze RNA-Seq Gene Expression Data. <i>Lecture Notes in Computer Science</i> , 2017, , 50-59.	1.0	24
11	Addressing critical issues in the development of an Oncology Information System. <i>International Journal of Medical Informatics</i> , 2013, 82, 398-407.	1.6	21
12	A comparison of ranking filter methods applied to the estimation of NO ₂ concentrations in the Bay of Algeciras (Spain). <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 1999-2019.	1.9	13
13	Artificial Neural Networks, Sequence-to-Sequence LSTMs, and Exogenous Variables as Analytical Tools for NO ₂ (Air Pollution) Forecasting: A Case Study in the Bay of Algeciras (Spain). <i>Sensors</i> , 2021, 21, 1770.	2.1	12
14	A machine learning-based forecasting system of perishable cargo flow in maritime transport. <i>Neurocomputing</i> , 2021, 452, 487-497.	3.5	11
15	A freight inspection volume forecasting approach using an aggregation/disaggregation procedure, machine learning and ensemble models. <i>Neurocomputing</i> , 2020, 391, 282-291.	3.5	9
16	BLASSO: integration of biological knowledge into a regularized linear model. <i>BMC Systems Biology</i> , 2018, 12, 94.	3.0	5
17	Combining feature engineering and feature selection to improve the prediction of methionine oxidation sites in proteins. <i>Neural Computing and Applications</i> , 2020, 32, 323-334.	3.2	5
18	A Clustering-Based Hybrid Support Vector Regression Model to Predict Container Volume at Seaport Sanitary Facilities. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8326.	1.3	5

#	ARTICLE	IF	CITATIONS
19	WIMP: Web server tool for missing data imputation. Computer Methods and Programs in Biomedicine, 2012, 108, 1247-1254.	2.6	4
20	Classification of high dimensional data using LASSO ensembles. , 2017, , .		4
21	A Genetic Algorithm and Neural Network Stacking Ensemble Approach to Improve NO2 Level Estimations. Lecture Notes in Computer Science, 2019, , 856-867.	1.0	4
22	A Deep Ensemble Neural Network Approach to Improve Predictions of Container Inspection Volume. Lecture Notes in Computer Science, 2019, , 806-817.	1.0	4
23	Machine learning models to search relevant genetic signatures in clinical context. , 2017, , .		3
24	Deep neural networks architecture driven by problem-specific information. Neural Computing and Applications, 2021, 33, 9403-9423.	3.2	3
25	Advanced Visualization of Intrusions in Flows by Means of Beta-Hebbian Learning. Logic Journal of the IGPL, 2022, 30, 1056-1073.	1.3	3
26	Hourly pollutants forecasting using a deep learning approach to obtain the AQI. Logic Journal of the IGPL, 0, , .	1.3	3
27	Assessing the Impact of Batch-Based Data Aggregation Techniques for Feature Engineering on Machine Learning-Based Network IDSs. Advances in Intelligent Systems and Computing, 2022, , 116-125.	0.5	2
28	Beta-Hebbian Learning for Visualizing Intrusions in Flows. Advances in Intelligent Systems and Computing, 2021, , 446-459.	0.5	2
29	A Constructive Neural Network to Predict Pitting Corrosion Status of Stainless Steel. Lecture Notes in Computer Science, 2013, , 88-95.	1.0	2
30	\$\$L_1\$\$-regularization Model Enriched with Biological Knowledge. Lecture Notes in Computer Science, 2017, , 579-590.	1.0	2
31	An Intelligent Visualisation Tool to Analyse the Sustainability of Road Transportation. Sustainability, 2022, 14, 777.	1.6	2
32	Advanced Online Survival Analysis Tool for Predictive Modelling in Clinical Data Science. PLoS ONE, 2016, 11, e0161135.	1.1	1
33	Ro-Ro Freight Forecasting Based on an ANN-SVR Hybrid Approach. Case of the Strait of Gibraltar. Lecture Notes in Computer Science, 2019, , 818-831.	1.0	1
34	MetODEep: A Deep Learning Approach for Prediction of Methionine Oxidation Sites in Proteins. , 2019, , .		1
35	Committee C-Mantec: A Probabilistic Constructive Neural Network. Lecture Notes in Computer Science, 2013, , 339-346.	1.0	1
36	Ro-Ro Freight Prediction Using a Hybrid Approach Based on Empirical Mode Decomposition, Permutation Entropy and Artificial Neural Networks. Lecture Notes in Computer Science, 2019, , 563-574.	1.0	1

#	ARTICLE	IF	CITATIONS
37	A Machine Learning Approach to Determine Abundance of Inclusions in Stainless Steel. Lecture Notes in Computer Science, 2019, , 504-513.	1.0	1
38	RECENT ADVANCES IN THE APPLICATION OF DATA SCIENCE TO INDUSTRIAL CYBERSECURITY. Dyna (Spain), 2021, 96, 231-232.	0.1	0
39	Advanced 3D Visualization of Android Malware Families. Advances in Intelligent Systems and Computing, 2022, , 167-177.	0.5	0
40	Use of q-values to Improve a Genetic Algorithm to Identify Robust Gene Signatures. Lecture Notes in Computer Science, 2015, , 199-206.	1.0	0
41	Trends and Patterns of International Student Mobility: The Case of Bachelor's Degrees in Computer Science at the University of Burgos. Advances in Intelligent Systems and Computing, 2021, , 142-153.	0.5	0
42	Learning Variables Structure Using Evolutionary Algorithms to Improve Predictive Performance. Communications in Computer and Information Science, 2020, , 58-68.	0.4	0