Rafael Pino-MejÃ-as

List of Publications by Year
in descending order

27 papers	879 citations	623574 14 h-index	552653 26 g-index
27 all docs	27 docs citations	27 times ranked	1075 citing authors

#	Article	IF	Citations
1	Credit scoring models for the microfinance industry using neural networks: Evidence from Peru. Expert Systems With Applications, 2013, 40, 356-364.	4.4	137
2	Missing value imputation on missing completely at random data using multilayer perceptrons. Neural Networks, 2011, 24, 121-129.	3.3	132
3	Comparison of linear regression and artificial neural networks models to predict heating and cooling energy demand, energy consumption and CO_2 emissions. Energy, 2017, 118, 24-36.	4.5	113
4	Single imputation with multilayer perceptron and multiple imputation combining multilayer perceptron and k-nearest neighbours for monotone patterns. Applied Soft Computing Journal, 2015, 29, 65-74.	4.1	90
5	Predicting the potential habitat of oaks with data mining models and the R system. Environmental Modelling and Software, 2010, 25, 826-836.	1.9	58
6	Do goats preserve the forest? Evaluating the effects of grazing goats on combustible Mediterranean scrub. Applied Vegetation Science, 2013, 16, 63-73.	0.9	48
7	Modelling soil organic carbon stocks in global change scenarios: a CarboSOIL application. Biogeosciences, 2013, 10, 8253-8268.	1.3	43
8	Improving the management of microfinance institutions by using credit scoring models based on Statistical Learning techniques. Expert Systems With Applications, 2013, 40, 6910-6917.	4.4	37
9	Assessing water stress in a hedgerow olive orchard from sap flow and trunk diameter measurements. Irrigation Science, 2013, 31, 729-746.	1.3	35
10	Modelling background air pollution exposure in urban environments: Implications for epidemiological research. Environmental Modelling and Software, 2018, 106, 13-21.	1.9	29
11	Artificial neural networks and linear regression prediction models for social housing allocation: Fuel Poverty Potential Risk Index. Energy, 2018, 164, 627-641.	4.5	27
12	Reduced bootstrap aggregating of learning algorithms. Pattern Recognition Letters, 2008, 29, 265-271.	2.6	25
13	Finite mixture models to characterize and refine air quality monitoring networks. Science of the Total Environment, 2014, 485-486, 292-299.	3.9	22
14	Minimum -divergence estimation in misspecified multinomial models. Computational Statistics and Data Analysis, 2011, 55, 3365-3378.	0.7	15
15	A comparison of classification models to identify the Fragile X Syndrome. Journal of Applied Statistics, 2008, 35, 233-244.	0.6	10
16	Shrub vegetation consumption by goats in the southwestern Iberian Peninsula. Livestock Science, 2013, 153, 108-115.	0.6	9
17	Impact of soft hydrothermal pre-treatments on the olive mill solid waste characteristics and its subsequent anaerobic digestion. Biomass Conversion and Biorefinery, 2020, , 1.	2.9	8
18	Modeling the Financial Distress of Microenterprise Start- Ups Using Support Vector Machines: A Case Study. Innovar, 2014, 24, 153-168.	0.1	7

#	Article	IF	Citations
19	Bootstrapping parameter estimated degenerate U and V statistics. Statistics and Probability Letters, 2003, 61, 61-70.	0.4	6
20	Minimum $$K_{phi}$$ K Ï• -divergence estimators for multinomial models and applications. Computational Statistics, 2014, 29, 363-401.	0.8	6
21	Evaluating the provision of ecosystem services to support phytoremediation measures for countering soil contamination. A caseâ€study of the Guadiamar Green Corridor (SW Spain). Land Degradation and Development, 2020, 31, 2914-2924.	1.8	6
22	Building neural network forecasting models from time series ARIMA models: A procedure and a comparative analysis. Intelligent Data Analysis, 2002, 6, 53-65.	0.4	5
23	Influence Analysis in Principal Component Analysis Through Power-Series Expansions. Communications in Statistics - Theory and Methods, 2005, 34, 2025-2046.	0.6	4
24	An Application Sample of Machine Learning Tools, Such as SVM and ANN, for Data Editing and Imputation. Studies in Fuzziness and Soft Computing, 2018, , 259-298.	0.6	3
25	Bagging Classification Models with Reduced Bootstrap. Lecture Notes in Computer Science, 2004, , 966-973.	1.0	2
26	Multivariate explanatory model for sporadic carcinoma of the colon in Dukes' stages I and IIa. International Journal of Medical Sciences, 2009, 6, 43-50.	1.1	2
27	Evaluating the Performance of the Multilayer Perceptron as a Data Editing Tool. Lecture Notes in Computer Science, 2009, , 1304-1311.	1.0	0