Javier Roca-PardiÃ±as

List of Publications by Year
in descending order

65 papers	**892** citations	623734 **14** h-index	526287 **27** g-index
67 all docs	**67** docs citations	**67** times ranked	**991** citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a new tool for predicting the behavior of individuals with intellectual disability in the dental office: A pilot study. Disability and Health Journal, 2022, 15, 101229.	2.8	3
2	Impact of New Systemic Therapies in Overall Survival in Non-Metastatic Castration Resistant Prostate Cancer: Systematic Review and Meta-Analysis. Clinical Genitourinary Cancer, 2022, 20, 197.e1-197.e10.	1.9	2
3	Interrupted Time Series Analysis of Pediatric Infectious Diseases and the Consumption of Antibiotics in an Atlantic European Region during the SARS-CoV-2 Pandemic. Antibiotics, 2022, 11, 264.	3.7	2
4	A method for determining groups in nonparametric regression curves: Application to prefrontal cortex neural activity analysis. Mathematical Biosciences and Engineering, 2022, 19, 6435-6454.	1.9	0
5	Nonparametric location–scale model for the joint forecasting of $$hbox {SO}_{{2}}$$ and $$hbox {NO}_{{x}}$$ pollution episodes. Stochastic Environmental Research and Risk Assessment, 2021, 35, 231-244.	4.0	1
6	Selecting the number of categories of the lymph node ratio in cancer research: A bootstrap-based hypothesis test. Statistical Methods in Medical Research, 2021, 30, 926-940.	1.5	6
7	A Distance Correlation Approach for Optimum Multiscale Selection in 3D Point Cloud Classification. Mathematics, 2021, 9, 1328.	2.2	7
8	Modeling conditional reference regions: Application to glycemic markers. Statistics in Medicine, 2021, 40, 5926-5946.	1.6	3
9	Influence of the Number and Spatial Distribution of Ground Control Points in the Accuracy of UAV-SfM DEMs: An Approach Based on Generalized Additive Models. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 10618-10627.	6.3	8
10	Real–time tomographic reconstructor based on convolutional neural networks for solar observation. Mathematical Methods in the Applied Sciences, 2020, 43, 8032-8041.	2.3	6
11	Functional Location-Scale Model to Forecast Bivariate Pollution Episodes. Mathematics, 2020, 8, 941.	2.2	0
12	Evaluating Lightning–Caused Fire Occurrence Using Spatial Generalized Additive Models: A Case Study in Central Spain. Risk Analysis, 2020, 40, 1418-1437.	2.7	13
13	A hybrid ARIMA–SVM model for the study of the remaining useful life of aircraft engines. Journal of Computational and Applied Mathematics, 2019, 346, 184-191.	2.0	147
14	Multiscale Supervised Classification of Point Clouds with Urban and Forest Applications. Sensors, 2019, 19, 4523.	3.8	11
15	Testing critical points of non–parametric regression curves: application to the management of stalked barnacles. Journal of the Royal Statistical Society Series C: Applied Statistics, 2019, 68, 1051-1070.	1.0	0
16	Predicting pollution incidents through semiparametric quantile regression models. Stochastic Environmental Research and Risk Assessment, 2019, 33, 673-685.	4.0	3
17	Determining optimum wavelengths for leaf water content estimation from reflectance: A distance correlation approach. Chemometrics and Intelligent Laboratory Systems, 2018, 173, 41-50.	3.5	5
18	Bootstrap-based procedures for inference in nonparametric receiver-operating characteristic curve regression analysis. Statistical Methods in Medical Research, 2018, 27, 740-764.	1.5	5

#	Article	IF	Citations
19	Geographically Weighted Principal Components Analysis to assess diffuse pollution sources of soil heavy metal: Application to rough mountain areas in Northwest Spain. Geoderma, 2018, 311, 120-129.	5.1	69
20	Assessing planar asymmetries in shipbuilding from point clouds. Measurement: Journal of the International Measurement Confederation, 2017, 100, 252-261.	5.0	3
21	Testing spatial heterogeneity in geographically weighted principal components analysis. International Journal of Geographical Information Science, 2017, 31, 676-693.	4.8	7
22	**npregfast**: An *R* Package for Nonparametric Estimation and Inference in Life Sciences. Journal of Statistical Software, 2017, 82, .	3.7	6
23	Forecasting SO_2 pollution incidents by means of quantile curves based on additive models. Environmetrics, 2016, 27, 147-157.	1.4	6
24	Deformation analysis in tunnels through curve clustering. Applied Mathematical Modelling, 2016, 40, 1325-1332.	4.2	4
25	FWDselect: An R Package for Variable Selection in Regression Models. R Journal, 2016, 8, 132.	1.8	14
26	Assessing the suitability of the minimum capture size and protection regimes in the gooseneck barnacle shellfishery. Ocean and Coastal Management, 2015, 104, 150-158.	4.4	3
27	Predicting SO2 pollution incidents by means of additive models with optimum variable selection. Atmospheric Environment, 2014, 95, 151-157.	4.1	2
28	A statistical method for geometry inspection from point clouds. Applied Mathematics and Computation, 2014, 242, 562-568.	2.2	3
29	Point cloud comparison under uncertainty. Application to beam bridge measurement with terrestrial laser scanning. Measurement: Journal of the International Measurement Confederation, 2014, 51, 259-264.	5.0	14
30	Analysis of the influence of range and angle of incidence of terrestrial laser scanning measurements on tunnel inspection. Tunnelling and Underground Space Technology, 2014, 43, 133-139.	6.2	29
31	Geometric optimization of trough collectors using terrestrial laser scanning: Feasibility analysis using a new statistical assessment method. Measurement: Journal of the International Measurement Confederation, 2014, 47, 92-99.	5.0	7
32	TPmsm: Estimation of the Transition Probabilities in 3-State Models. Journal of Statistical Software, 2014, 62, .	3.7	7
33	Bandwidth selection for the estimation of transition probabilities in the location-scale progressive three-state model. Computational Statistics, 2013, 28, 2185-2210.	1.5	2
34	Estimating a new suitable catch size for two clam species: Implications for shellfishery management. Ocean and Coastal Management, 2013, 71, 52-63.	4.4	15
35	Measurement planning for circular cross-section tunnels using terrestrial laser scanning. Automation in Construction, 2013, 31, 1-9.	9.8	67
36	A Bootstrap-Based Covariate Selection Method for Modeling the Risk of Lightning-Induced Fires at a Local Scale: A Case Study in Northwest Spain. Human and Ecological Risk Assessment (HERA), 2013, 19, 254-267.	3.4	0

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37	Forecasting SO_{2}Pollution Incidents by means of Elman Artificial Neural Networks and ARIMA Models. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.7	22
38	Validating The Supporting Structure of A Parabolic Solar Collector Using Close Range Photogrammetry. Photogrammetric Record, 2013, 28, 211-226.	0.4	4
39	Terrestrial laser scanning used to detect asymmetries in boat hulls. Optical Engineering, 2012, 51, 013605.	1.0	3
40	Variable selection in regression models used to analyse Global Positioning System accuracy in forest environments. Applied Mathematics and Computation, 2012, 219, 2220-2230.	2.2	1
41	A New Approach to Estimation of the Lengthâ€"Weight Relationship ofPollicipes pollicipes(Gmelin, 1789) on the Atlantic Coast of Galicia (Northwest Spain): Some Aspects of Its Biology and Management. Journal of Shellfish Research, 2011, 30, 939-948.	0.9	8
42	An R Package For Analyzing Factor-By-Curve Interactions. , 2011, , .		0
43	Selecting Variables in Regression Models. A New Approach to the Prediction of Time Series of Sâ€°O[sub 2]. , 2011, , .		0
44	ROC curve and covariates: extending induced methodology toÂtheÂnon-parametric framework. Statistics and Computing, 2011, 21, 483-499.	1.5	24
45	Assessing neural activity related to decisionâ€making through flexible odds ratio curves and their derivatives. Statistics in Medicine, 2011, 30, 1695-1711.	1.6	2
46	A new flexible direct ROC regression model: Application to the detection of cardiovascular risk factors by anthropometric measures. Computational Statistics and Data Analysis, 2011, 55, 3257-3270.	1.2	12
47	p3state.msm: Analyzing Survival Data from an Illness-Death Model. Journal of Statistical Software, 2011, 38, .	3.7	17
48	Feasible estimation in generalized structured models. Statistics and Computing, 2010, 20, 367-379.	1.5	13
49	Modelling masonry arches shape using terrestrial laser scanning data and nonparametric methods. Engineering Structures, 2010, 32, 607-615.	5.3	83
50	Selecting variables in nonâ€parametric regression models for binary response. An application to the computerized detection of breast cancer. Statistics in Medicine, 2009, 28, 240-259.	1.6	4
51	Additive models in censored regression. Computational Statistics and Data Analysis, 2009, 53, 3490-3501.	1.2	12
52	Assessing continuous bivariate effects among different groups through nonparametric regression models: An application to breast cancer detection. Computational Statistics and Data Analysis, 2008, 52, 1958-1970.	1.2	6
53	Categorical variables, interactions and generalized additive models. Applications in computer-aided diagnosis systems. Computers in Biology and Medicine, 2008, 38, 475-483.	7.0	7
54	From laser point clouds to surfaces: Statistical nonparametric methods for three-dimensional reconstruction. CAD Computer Aided Design, 2008, 40, 646-652.	2.7	32

#	Article	IF	Citations
55	Monitoring and Assessing Structural Damage in Historic Buildings. Photogrammetric Record, 2008, 23, 36-50.	0.4	26
56	Testing the link when the index is semiparametricâ€"a comparative study. Computational Statistics and Data Analysis, 2007, 51, 6565-6581.	1.2	10
57	Effect measures in non-parametric regression with interactions between continuous exposures. Statistics in Medicine, 2006, 25, 603-621.	1.6	5
58	Bootstrap-based methods for testing factor-by-curve interactions in generalized additive models: assessing prefrontal cortex neural activity related to decision-making. Statistics in Medicine, 2006, 25, 2483-2501.	1.6	14
59	Flexible modelling of neuron firing rates across different experimental conditions: an application to neural activity in the prefrontal cortex during a discrimination task. Journal of the Royal Statistical Society Series C: Applied Statistics, 2006, 55, 431-447.	1.0	6
60	Neural correlates of memory retrieval in the prefrontal cortex. European Journal of Neuroscience, 2006, 24, 925-936.	2.6	19
61	Using Generalized Additive Models for Construction of Nonlinear Classifiers in Computer-Aided Diagnosis Systems. IEEE Transactions on Information Technology in Biomedicine, 2006, 10, 246-253.	3.2	10
62	Testing for interactions in generalized additive models: Application to SO2 pollution data. Statistics and Computing, 2005, 15, 289-299.	1.5	23
63	Non-parametric estimation of the odds ratios for continuous exposures using generalized additive models with an unknown link function. Statistics in Medicine, 2005, 24, 1169-1184.	1.6	9
64	A bootstrap method to avoid the effect of concurvity in generalised additive models in time series studies of air pollution. Journal of Epidemiology and Community Health, 2005, 59, 881-884.	3.7	22
65	Predicting binary time series of SO2 using generalized additive models with unknown link function. Environmetrics, 2004, 15, 729-742.	1.4	13