

Carmen Cadarso-suarez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106
papers

1,933
citations

21
h-index

40
g-index

107
ext. papers

2,290
ext. citations

2.8
avg, IF

4.62
L-index

#	Paper	IF	Citations
106	Functional Data Analysis for Imaging Mean Function Estimation: Computing Times and Parameter Selection. <i>Computers</i> , 2022 , 11, 91	1.9	
105	Development and validation of a prognostic model based on comorbidities to predict COVID-19 severity: a population-based study. <i>International Journal of Epidemiology</i> , 2021 , 50, 64-74	7.8	20
104	Computational Issues in the Application of Functional Data Analysis to Imaging Data. <i>Lecture Notes in Computer Science</i> , 2021 , 630-638	0.9	1
103	Offering, participation and adherence to cardiac rehabilitation programmes in the elderly: a European comparison based on the EU-CaRE multicentre observational study. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 558-568	3.9	2
102	Impact of the Covid-19 pandemic on perinatal mental health (Riseup-PPD-COVID-19): protocol for an international prospective cohort study. <i>BMC Public Health</i> , 2021 , 21, 368	4.1	10
101	Modeling conditional reference regions: Application to glycemic markers. <i>Statistics in Medicine</i> , 2021 , 40, 5926-5946	2.3	0
100	Multivariate Conditional Transformation Models. Application to Thyroid-Related Hormones. <i>Lecture Notes in Computer Science</i> , 2021 , 341-351	0.9	
99	Volumetric Absorptive Microsampling (VAMS) for assaying immunosuppressants from venous whole blood by LC-MS/MS using a novel atmospheric pressure ionization probe (UniSpray). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 189, 113422	3.5	8
98	Improvement in VO predicts readmissions for cardiovascular disease and mortality in patients undergoing cardiac rehabilitation. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 811-819	3.9	20
97	Patterns of monogenean abundance in native and invasive populations of <i>Planiliza haematocheila</i> (Teleostei: Mugilidae): interactions between climate and host defence mechanisms explain parasite release. <i>International Journal for Parasitology</i> , 2020 , 50, 1023-1031	4.3	0
96	Liraglutide in a real-world setting: Joint modeling of metabolic response, prediction of efficacy, and cardiovascular risk. <i>Endocrinología Diabetes Y Nutrición (English Ed)</i> , 2019 , 66, 376-384	0.1	1
95	Assessing the relationship between markers of glycemic control through flexible copula regression models. <i>Statistics in Medicine</i> , 2019 , 38, 5161-5181	2.3	4
94	Liraglutide in a real-world setting: Joint modeling of metabolic response, prediction of efficacy, and cardiovascular risk. <i>Endocrinología, Diabetes Y Nutrición</i> , 2019 , 66, 376-384	1.3	0
93	Recent Developments and Advances in Joint Modelling of Longitudinal and Survival Data. <i>Studies in Systems, Decision and Control</i> , 2018 , 219-229	0.8	
92	Optimum Sample Size to Estimate Mean Parasite Abundance in Fish Parasite Surveys. <i>Helminthologia</i> , 2018 , 55, 52-59	1.1	10
91	Bootstrap-based procedures for inference in nonparametric receiver-operating characteristic curve regression analysis. <i>Statistical Methods in Medical Research</i> , 2018 , 27, 740-764	2.3	5
90	Studying the occurrence and burnt area of wildfires using zero-one-inflated structured additive beta regression. <i>Environmental Modelling and Software</i> , 2018 , 110, 107-118	5.2	4

89	Geographical differences in blood potassium detected using a structured additive distributional regression model. <i>Spatial Statistics</i> , 2018 , 24, 1-13	2.2	0
88	25-Hydroxyvitamin D levels of children are inversely related to adiposity assessed by body mass index. <i>Journal of Physiology and Biochemistry</i> , 2018 , 74, 111-118	5	16
87	Corneal Biomechanics in Unilateral Keratoconus and Fellow Eyes with a Scheimpflug-based Tonometer. <i>Optometry and Vision Science</i> , 2018 , 95, 608-615	2.1	10
86	Post-operative stress hyperglycemia is a predictor of mortality in liver transplantation. <i>Diabetology and Metabolic Syndrome</i> , 2018 , 10, 35	5.6	1
85	Bivariate Copula Additive Models for Location, Scale and Shape with Applications in Biomedicine. <i>Studies in Systems, Decision and Control</i> , 2018 , 135-146	0.8	2
84	Interindividual differences in the clinical effectiveness of liraglutide in Type 2 diabetes: a real-world retrospective study conducted in Spain. <i>Diabetic Medicine</i> , 2018 , 35, 1605-1612	3.5	5
83	Comparing Some Production Functions for Inpatient Health Services in Selected Public Hospitals in Spain. <i>Hospital Topics</i> , 2017 , 95, 63-71	1.1	1
82	Glycemic Variability and Its Association With Demographics and Lifestyles in a General Adult Population. <i>Journal of Diabetes Science and Technology</i> , 2017 , 11, 780-790	4.1	21
81	Predicting the occurrence of wildfires with binary structured additive regression models. <i>Journal of Environmental Management</i> , 2017 , 187, 154-165	7.9	9
80	Assessing the Predictive Performance of Survival Models with Longitudinal Data. <i>Lecture Notes in Computer Science</i> , 2017 , 621-631	0.9	
79	Applying Spatial Copula Additive Regression to Breast Cancer Screening Data. <i>Lecture Notes in Computer Science</i> , 2017 , 586-599	0.9	1
78	Integrating multivariate conditionally autoregressive spatial priors into recursive bivariate models for analyzing environmental sensitivity of mussels. <i>Spatial Statistics</i> , 2017 , 22, 419-433	2.2	1
77	Exploring risk factors in breast cancer screening program data using structured geosadditive models with high order interaction. <i>Spatial Statistics</i> , 2017 , 22, 403-418	2.2	0
76	Two-stage model for multivariate longitudinal and survival data with application to nephrology research. <i>Biometrical Journal</i> , 2017 , 59, 1204-1220	1.5	6
75	Studying the relationship between a woman's reproductive lifespan and age at menarche using a Bayesian multivariate structured additive distributional regression model. <i>Biometrical Journal</i> , 2017 , 59, 1232-1246	1.5	4
74	Reassessment of fluctuating dental asymmetry in Down syndrome. <i>Scientific Reports</i> , 2017 , 7, 16679	4.9	2
73	Joint Modelling for Flexible Multivariate Longitudinal and Survival Data: Application in Orthotopic Liver Transplantation. <i>Trends in Mathematics</i> , 2017 , 35-40	0.3	
72	Time-dependent ROC methodology to evaluate the predictive accuracy of semiparametric multi-state models in the presence of competing risks: An application to peritoneal dialysis programme. <i>Statistical Modelling</i> , 2016 , 16, 409-428	0.7	1

71	Confidence intervals for the symmetry point: an optimal cutpoint in continuous diagnostic tests. <i>Pharmaceutical Statistics</i> , 2016 , 15, 178-92	1	7
70	Cone Beam Computed Tomography evaluation of palatal bone thickness for miniscrew placement in Down's syndrome. <i>Archives of Oral Biology</i> , 2015 , 60, 1333-9	2.8	3
69	Bayesian Nonparametric Instrumental Variables Regression Based on Penalized Splines and Dirichlet Process Mixtures. <i>Journal of Business and Economic Statistics</i> , 2014 , 32, 468-482	3.8	8
68	Surface raw electromyography has a moderate discriminatory capacity for differentiating between healthy individuals and those with TMD: a diagnostic study. <i>Journal of Electromyography and Kinesiology</i> , 2014 , 24, 332-40	2.5	24
67	Structured additive regression modeling of age of menarche and menopause in a breast cancer screening program. <i>Biometrical Journal</i> , 2014 , 56, 416-27	1.5	6
66	Retinal nerve fiber layer thickness, brain atrophy, and disability in multiple sclerosis patients. <i>Journal of Neuro-Ophthalmology</i> , 2014 , 34, 23-8	2.6	47
65	Joint Modelling for Longitudinal and Time-to-Event Data: Application to Liver Transplantation Data. <i>Lecture Notes in Computer Science</i> , 2014 , 580-593	0.9	
64	Bandwidth selection for the estimation of transition probabilities in the location-scale progressive three-state model. <i>Computational Statistics</i> , 2013 , 28, 2185-2210	1	1
63	Applying a simulation model in order to manage waiting lists for hospital inpatient activity in an EU region. <i>Mathematical and Computer Modelling</i> , 2013 , 57, 1840-1846		6
62	Epidemiology, mortality rate and survival in a homogeneous population of hypopituitary patients. <i>Clinical Endocrinology</i> , 2013 , 78, 278-84	3.4	21
61	Model building in nonproportional hazard regression. <i>Statistics in Medicine</i> , 2013 , 32, 5301-14	2.3	9
60	smoothHR: an R package for pointwise nonparametric estimation of hazard ratio curves of continuous predictors. <i>Computational and Mathematical Methods in Medicine</i> , 2013 , 2013, 745742	2.8	77
59	Categorical structured additive regression for assessing habitat suitability in the spatial distribution of mussel seed abundance. <i>Environmetrics</i> , 2012 , 23, 75-84	1.3	2
58	Extending induced ROC methodology to the functional context. <i>Biostatistics</i> , 2012 , 13, 594-608	3.7	11
57	Insulin resistance index (HOMA-IR) levels in a general adult population: curves percentile by gender and age. The EPIRCE study. <i>Diabetes Research and Clinical Practice</i> , 2011 , 94, 146-55	7.4	55
56	A study of neurotoxic biomarkers, c-fos and GFAP after acute exposure to GSM radiation at 900 MHz in the picrotoxin model of rat brains. <i>NeuroToxicology</i> , 2011 , 32, 478-94	4.4	26
55	ROC curve and covariates: extending induced methodology to the non-parametric framework. <i>Statistics and Computing</i> , 2011 , 21, 483-499	1.8	19
54	Assessing neural activity related to decision-making through flexible odds ratio curves and their derivatives. <i>Statistics in Medicine</i> , 2011 , 30, 1695-711	2.3	2

53	Comparative study of ROC regression techniques. Applications for the computer-aided diagnostic system in breast cancer detection. <i>Computational Statistics and Data Analysis</i> , 2011 , 55, 888-902	1.6	19
52	A new flexible direct ROC regression model: Application to the detection of cardiovascular risk factors by anthropometric measures. <i>Computational Statistics and Data Analysis</i> , 2011 , 55, 3257-3270	1.6	11
51	Estimating hospital production functions through flexible regression models. <i>Mathematical and Computer Modelling</i> , 2011 , 54, 1760-1764		6
50	Flexible hazard ratio curves for continuous predictors in multi-state models: an application to breast cancer data. <i>Statistical Modelling</i> , 2010 , 10, 291-314	0.7	18
49	PMICALC: an R code-based software for estimating post-mortem interval (PMI) compatible with Windows, Mac and Linux operating systems. <i>Forensic Science International</i> , 2010 , 194, 49-52	2.6	22
48	Characteristics and dynamics of Salmonella contamination along the coast of Agadir, Morocco. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 7700-9	4.8	42
47	The action of pulse-modulated GSM radiation increases regional changes in brain activity and c-Fos expression in cortical and subcortical areas in a rat model of picrotoxin-induced seizure proneness. <i>Journal of Neuroscience Research</i> , 2009 , 87, 1484-99	4.4	23
46	Application of penalized splines in analyzing neuronal data. <i>Biometrical Journal</i> , 2009 , 51, 203-16	1.5	2
45	Selecting variables in non-parametric regression models for binary response. An application to the computerized detection of breast cancer. <i>Statistics in Medicine</i> , 2009 , 28, 240-59	2.3	4
44	Distance of the contact glide in the closing masticatory stroke during mastication of three types of food. <i>Journal of Oral Rehabilitation</i> , 2009 , 36, 571-6	3.4	12
43	Prevalence of metabolic syndrome in Galicia (NW Spain) on four alternative definitions and association with insulin resistance. <i>Journal of Endocrinological Investigation</i> , 2009 , 32, 505-11	5.2	15
42	Admission and fasting plasma glucose for estimating risk of death of diabetic and nondiabetic patients with acute coronary syndrome: nonlinearity of hazard ratios and time-dependent comparison. <i>American Heart Journal</i> , 2009 , 158, 989-97	4.9	21
41	Resampling and Testing in Regression Models with Environmetrical Applications 2009 , 171-187		
40	Multi-state models for the analysis of time-to-event data. <i>Statistical Methods in Medical Research</i> , 2009 , 18, 195-222	2.3	231
39	Resampling and Testing in Regression Models with Environmetrical Applications 2009 , 87-97		
38	A Flexible Method to Measure Synchrony in Neuronal Firing. <i>Journal of the American Statistical Association</i> , 2008 , 103, 149-161	2.8	15
37	Emergence of Asiatic Vibrio diseases in South America in phase with El Niño. <i>Epidemiology</i> , 2008 , 19, 829-37	3.1	75
36	Flexible regression models for estimating postmortem interval (PMI) in forensic medicine. <i>Statistics in Medicine</i> , 2008 , 27, 5026-38	2.3	25

35	Assessing continuous bivariate effects among different groups through nonparametric regression models: An application to breast cancer detection. <i>Computational Statistics and Data Analysis</i> , 2008 , 52, 1958-1970	1.6	6
34	Nonparametric estimation of conditional ROC curves: Application to discrimination tasks in computerized detection of early breast cancer. <i>Computational Statistics and Data Analysis</i> , 2008 , 52, 2623-2631 ¹⁴	1.6	14
33	Categorical variables, interactions and generalized additive models. Applications in computer-aided diagnosis systems. <i>Computers in Biology and Medicine</i> , 2008 , 38, 475-83	7	5
32	Midline shift and lateral guidance angle in adults with unilateral posterior crossbite. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2008 , 133, 804-8	2.1	8
31	tdc.msm: an R library for the analysis of multi-state survival data. <i>Computer Methods and Programs in Biomedicine</i> , 2007 , 86, 131-40	6.9	16
30	Unilateral posterior crossbite and mastication. <i>Archives of Oral Biology</i> , 2007 , 52, 474-8	2.8	31
29	Prevalence, awareness, treatment and control of hypertension in Galicia (Spain) and association with related diseases. <i>Journal of Human Hypertension</i> , 2007 , 21, 366-73	2.6	36
28	Iodine nutrition in the adult population of Galicia (Spain). <i>Thyroid</i> , 2007 , 17, 161-7	6.2	11
27	Bootstrap Methods for Testing Interactions in GAMs 2007 , 147-166		
26	Using generalized additive models for construction of nonlinear classifiers in computer-aided diagnosis systems. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2006 , 10, 246-53		7
25	ACE clock scoring: a comparison with eight standard correction methods in a population of low educational level. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2006 , 19, 216-9	3.8	12
24	Effect measures in non-parametric regression with interactions between continuous exposures. <i>Statistics in Medicine</i> , 2006 , 25, 603-21	2.3	4
23	Bootstrap-based methods for testing factor-by-curve interactions in generalized additive models: assessing prefrontal cortex neural activity related to decision-making. <i>Statistics in Medicine</i> , 2006 , 25, 2483-501	2.3	14
22	Flexible modelling of neuron firing rates across different experimental conditions: an application to neural activity in the prefrontal cortex during a discrimination task. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2006 , 55, 431-447	1.5	6
21	Neural correlates of memory retrieval in the prefrontal cortex. <i>European Journal of Neuroscience</i> , 2006 , 24, 925-36	3.5	18
20	Nonparametric estimation of transition probabilities in a non-Markov illness-death model. <i>Lifetime Data Analysis</i> , 2006 , 12, 325-44	1.3	63
19	Determinantes de la duración de la incapacidad temporal y la vuelta al trabajo en un área sanitaria de Galicia. <i>Atencion Primaria</i> , 2006 , 37, 431-436	3.6	2
18	Association between vitamin D receptor FokI. Polymorphism and serum parathyroid hormone level in patients with chronic renal failure. <i>Journal of Endocrinological Investigation</i> , 2005 , 28, 117-21	5.2	25

17	Testing for interactions in generalized additive models: Application to SO ₂ pollution data. <i>Statistics and Computing</i> , 2005 , 15, 289-299	1.8	20
16	Non-parametric estimation of the odds ratios for continuous exposures using generalized additive models with an unknown link function. <i>Statistics in Medicine</i> , 2005 , 24, 1169-84	2.3	9
15	Reproducibility of optic nerve head measurements obtained by optical coherence tomography. <i>European Journal of Ophthalmology</i> , 2005 , 15, 486-92	1.9	17
14	A bootstrap method to avoid the effect of concavity in generalised additive models in time series studies of air pollution. <i>Journal of Epidemiology and Community Health</i> , 2005 , 59, 881-4	5.1	16
13	Assessing relationships between health-related quality of life and adherence to antiretroviral therapy. <i>Quality of Life Research</i> , 2004 , 13, 587-99	3.7	60
12	Predicting binary time series of SO ₂ using generalized additive models with unknown link function. <i>Environmetrics</i> , 2004 , 15, 729-742	1.3	12
11	Np.OR: an S-Plus function for pointwise nonparametric estimation of odds-ratios of continuous predictors. <i>Computer Methods and Programs in Biomedicine</i> , 2003 , 71, 175-9	6.9	3
10	Chi-squared Goodness-of-fit Theory under Proportional Censorship. <i>Journal of Statistical Planning and Inference</i> , 2003 , 109, 101-124	0.8	3
9	Sulindac in familial adenomatous polyposis: evaluation by nuclear morphometry. <i>The European Journal of Surgery</i> , 2001 , 167, 375-81		4
8	HEpiMA: software for the identification of heterogeneity in meta-analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2001 , 64, 101-107	6.9	51
7	Application of nonparametric models for calculating odds ratios and their confidence intervals for continuous exposures. <i>American Journal of Epidemiology</i> , 2001 , 154, 264-75	3.8	41
6	Kernel distribution function estimation under the Koziol-Green model. <i>Journal of Statistical Planning and Inference</i> , 2000 , 87, 199-219	0.8	4
5	Estimation of the conditional distribution in a conditional Koziol-green model. <i>Test</i> , 2000 , 9, 97-122	1.1	11
4	Evaluation of old and new tests of heterogeneity in epidemiologic meta-analysis. <i>American Journal of Epidemiology</i> , 1999 , 150, 206-15	3.8	282
3	Prognostic value of nuclear morphometry in colorectal cancer. <i>Diseases of the Colon and Rectum</i> , 1999 , 42, 386-392	3.1	8
2	Bootstrap selection of the smoothing parameter in density estimation under the Koziol-Green model. <i>Lecture Notes-monograph Series / Institute of Mathematical Statistics</i> , 1997 , 385-398	0	9
1	Asymptotic properties of a generalized kaplan-meier estimator with some applications. <i>Journal of Nonparametric Statistics</i> , 1994 , 4, 65-78	0.7	74