Carmen Cadarso-suarez

List of Publications by Year
in descending order

105 papers	2,625 citations	236833 25 h-index	214721 47 g-index
107 all docs	107 docs citations	107 times ranked	4040 citing authors

#	Article	IF	Citations
1	Evaluation of Old and New Tests of Heterogeneity in Epidemiologic Meta-Analysis. American Journal of Epidemiology, 1999, 150, 206-215.	1.6	333
2	Multi-state models for the analysis of time-to-event data. Statistical Methods in Medical Research, 2009, 18, 195-222.	0.7	323
3	smoothHR: An R Package for Pointwise Nonparametric Estimation of Hazard Ratio Curves of Continuous Predictors. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-11.	0.7	115
4	Asymptotic properties of a generalized kaplan-meier estimator with some applications. Journal of Nonparametric Statistics, 1994, 4, 65-78.	0.4	96
5	Emergence of Asiatic Vibrio Diseases in South America in Phase With El Niño. Epidemiology, 2008, 19, 829-837.	1.2	91
6	Insulin resistance index (HOMA-IR) levels in a general adult population: Curves percentile by gender and age. The EPIRCE study. Diabetes Research and Clinical Practice, 2011, 94, 146-155.	1.1	81
7	Assessing relationships between health-related quality of life and adherence to antiretroviral therapy. Quality of Life Research, 2004, 13, 587-599.	1.5	75
8	Nonparametric estimation of transition probabilities in a non-Markov illness–death model. Lifetime Data Analysis, 2006, 12, 325-344.	0.4	75
9	HEpiMA: software for the identification of heterogeneity in meta-analysis. Computer Methods and Programs in Biomedicine, 2001, 64, 101-107.	2.6	64
10	Characteristics and Dynamics of *Salmonella* Contamination along the Coast of Agadir, Morocco. Applied and Environmental Microbiology, 2009, 75, 7700-7709.	1.4	62
11	Retinal Nerve Fiber Layer Thickness, Brain Atrophy, and Disability in Multiple Sclerosis Patients. Journal of Neuro-Ophthalmology, 2014, 34, 23-28.	0.4	59
12	Impact of the Covid-19 pandemic on perinatal mental health (Riseup-PPD-COVID-19): protocol for an international prospective cohort study. BMC Public Health, 2021, 21, 368.	1.2	54
13	Development and validation of a prognostic model based on comorbidities to predict COVID-19 severity: a population-based study. International Journal of Epidemiology, 2021, 50, 64-74.	0.9	50
14	Prevalence, awareness, treatment and control of hypertension in Galicia (Spain) and association with related diseases. Journal of Human Hypertension, 2007, 21, 366-373.	1.0	48
15	Application of Nonparametric Models for Calculating Odds Ratios and Their Confidence Intervals for Continuous Exposures. American Journal of Epidemiology, 2001, 154, 264-275.	1.6	47
16	Improvement in VO_{2peak} predicts readmissions for cardiovascular disease and mortality in patients undergoing cardiac rehabilitation. European Journal of Preventive Cardiology, 2020, 27, 811-819.	0.8	44
17	Unilateral posterior crossbite and mastication. Archives of Oral Biology, 2007, 52, 474-478.	0.8	36
18	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. American Heart Journal, 2009, 158, 989-997.	1.2	34

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19	Surface raw electromyography has a moderate discriminatory capacity for differentiating between healthy individuals and those with TMD: A diagnostic study. Journal of Electromyography and Kinesiology, 2014, 24, 332-340.	0.7	34
20	Flexible regression models for estimating postmortem interval (PMI) in forensic medicine. Statistics in Medicine, 2008, 27, 5026-5038.	0.8	32
21	A study of neurotoxic biomarkers, c-fos and GFAP after acute exposure to GSM radiation at 900MHz in the picrotoxin model of rat brains. NeuroToxicology, 2011, 32, 478-494.	1.4	32
22	Glycemic Variability and Its Association With Demographics and Lifestyles in a General Adult Population. Journal of Diabetes Science and Technology, 2017, 11, 780-790.	1.3	32
23	Association between vitamin D receptor FokI polymorphism and serum parathyroid hormone level in patients with chronic renal failure. Journal of Endocrinological Investigation, 2005, 28, 117-121.	1.8	27
24	Volumetric Absorptive Microsampling (VAMS) for assaying immunosuppressants from venous whole blood by LCâ€"MS/MS using a novel atmospheric pressure ionization probe (UniSprayâ„¢). Journal of Pharmaceutical and Biomedical Analysis, 2020, 189, 113422.	1.4	27
25	The action of pulseâ€modulated GSM radiation increases regional changes in brain activity and câ€Fos expression in cortical and subcortical areas in a rat model of picrotoxinâ€induced seizure proneness. Journal of Neuroscience Research, 2009, 87, 1484-1499.	1.3	26
26	PMICALC: An R code-based software for estimating post-mortem interval (PMI) compatible with Windows, Mac and Linux operating systems. Forensic Science International, 2010, 194, 49-52.	1.3	25
27	Flexible hazard ratio curves for continuous predictors in multi-state models. Statistical Modelling, 2010, 10, 291-314.	0.5	25
28	Epidemiology, mortality rate and survival in a homogeneous population of hypopituitary patients. Clinical Endocrinology, 2013, 78, 278-284.	1.2	25
29	25-Hydroxyvitamin D levels of children are inversely related to adiposity assessed by body mass index. Journal of Physiology and Biochemistry, 2018, 74, 111-118.	1.3	25
30	ROC curve and covariates: extending induced methodology toÂtheÂnon-parametric framework. Statistics and Computing, 2011, 21, 483-499.	0.8	24
31	Testing for interactions in generalized additive models: Application to SO2 pollution data. Statistics and Computing, 2005, 15, 289-299.	0.8	23
32	Comparative study of ROC regression techniquesâ€"Applications for the computer-aided diagnostic system in breast cancer detection. Computational Statistics and Data Analysis, 2011, 55, 888-902.	0.7	23
33	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.	2.0	22
34	tdc.msm: An R library for the analysis of multi-state survival data. Computer Methods and Programs in Biomedicine, 2007, 86, 131-140.	2.6	20
35	Prevalence of metabolic syndrome in Galicia (NW Spain) on four alternative definitions and association with insulin resistance. Journal of Endocrinological Investigation, 2009, 32, 505-511.	1.8	20
36	Optimum sample size to estimate mean parasite abundance in fish parasite surveys. Helminthologia, 2018, 55, 52-59.	0.3	20

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37	Neural correlates of memory retrieval in the prefrontal cortex. European Journal of Neuroscience, 2006, 24, 925-936.	1.2	19
38	Reproducibility of Optic Nerve Head Measurements Obtained by Optical Coherence Tomography. European Journal of Ophthalmology, 2005, 15, 486-492.	0.7	18
39	Bayesian Nonparametric Instrumental Variables Regression Based on Penalized Splines and Dirichlet Process Mixtures. Journal of Business and Economic Statistics, 2014, 32, 468-482.	1.8	18
40	ACE Clock Scoring: A Comparison With Eight Standard Correction Methods in a Population of Low Educational Level. Journal of Geriatric Psychiatry and Neurology, 2006, 19, 216-219.	1.2	17
41	A Flexible Method to Measure Synchrony in Neuronal Firing. Journal of the American Statistical Association, 2008, 103, 149-161.	1.8	17
42	Predicting the occurrence of wildfires with binary structured additive regression models. Journal of Environmental Management, 2017, 187, 154-165.	3.8	17
43	Nonparametric estimation of conditional ROC curves: Application to discrimination tasks in computerized detection of early breast cancer. Computational Statistics and Data Analysis, 2008, 52, 2623-2631.	0.7	16
44	Corneal Biomechanics in Unilateral Keratoconus and Fellow Eyes with a Scheimpflug-based Tonometer. Optometry and Vision Science, 2018, 95, 608-615.	0.6	16
45	Estimation of the conditional distribution in a conditional Koziol-green model. Test, 2000, 9, 97-122.	0.7	14
46	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.	0.8	14
47	Iodine Nutrition in the Adult Population of Galicia (Spain). Thyroid, 2007, 17, 161-167.	2.4	14
48	Distance of the contact glide in the closing masticatory stroke during mastication of three types of food. Journal of Oral Rehabilitation, 2009, 36, 571-576.	1.3	14
49	Extending induced ROC methodology to the functional context. Biostatistics, 2012, 13, 594-608.	0.9	14
50	Predicting binary time series of SO2 using generalized additive models with unknown link function. Environmetrics, 2004, 15, 729-742.	0.6	13
51	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.	0.7	12
52	Estimating hospital production functions through flexible regression models. Mathematical and Computer Modelling, 2011, 54, 1760-1764.	2.0	12
53	Model building in nonproportional hazard regression. Statistics in Medicine, 2013, 32, 5301-5314.	0.8	12
54	Prognostic value of nuclear morphometry in colorectal cancer. Diseases of the Colon and Rectum, 1999, 42, 386-392.	0.7	11

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55	Midline shift and lateral guidance angle in adults with unilateral posterior crossbite. American Journal of Orthodontics and Dentofacial Orthopedics, 2008, 133, 804-808.	0.8	11
56	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.	3.6	10
57	Confidence intervals for the symmetry point: an optimal cutpoint in continuous diagnostic tests. Pharmaceutical Statistics, 2016, 15, 178-192.	0.7	10
58	Studying the occurrence and burnt area of wildfires using zero-one-inflated structured additive beta regression. Environmental Modelling and Software, 2018, 110, 107-118.	1.9	10
59	Interindividual differences in the clinical effectiveness of liraglutide in Type 2 diabetes: a real‐world retrospective study conducted in Spain. Diabetic Medicine, 2018, 35, 1605-1612.	1.2	10
60	Bootstrap selection of the smoothing parameter in density estimation under the Koziol-Green model. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 1997, , 385-398.	1.0	10
61	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.	0.8	9
62	Structured additive regression modeling of age of menarche and menopause in a breast cancer screening program. Biometrical Journal, 2014, 56, 416-427.	0.6	9
63	Applying a simulation model in order to manage waiting lists for hospital inpatient activity in an EU region. Mathematical and Computer Modelling, 2013, 57, 1840-1846.	2.0	8
64	Kernel distribution function estimation under the Koziol–Green model. Journal of Statistical Planning and Inference, 2000, 87, 199-219.	0.4	7
65	Categorical variables, interactions and generalized additive models. Applications in computer-aided diagnosis systems. Computers in Biology and Medicine, 2008, 38, 475-483.	3.9	7
66	Two‐stage model for multivariate longitudinal and survival data with application to nephrology research. Biometrical Journal, 2017, 59, 1204-1220.	0.6	7
67	Assessing the relationship between markers of glycemic control through flexible copula regression models. Statistics in Medicine, 2019, 38, 5161-5181.	0.8	7
68	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.	0.5	6
69	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.	0.7	6
70	Offering, participation and adherence to cardiac rehabilitation programmes in the elderly: a European comparison based on the EU-CaRE multicentre observational study. European Journal of Preventive Cardiology, 2021, 28, 558-568.	0.8	6
71	Sulindac in Familial Adenomatous Polyposis: Evaluation by Nuclear Morphometry. The European Journal of Surgery, 2001, 167, 375-381.	1.0	5
72	Effect measures in non-parametric regression with interactions between continuous exposures. Statistics in Medicine, 2006, 25, 603-621.	0.8	5

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73	Bootstrap-based procedures for inference in nonparametric receiver-operating characteristic curve regression analysis. Statistical Methods in Medical Research, 2018, 27, 740-764.	0.7	5
74	np.OR: an S-Plus function for pointwise nonparametric estimation of odds-ratios of continuous predictors.. Computer Methods and Programs in Biomedicine, 2003, 71, 175-179.	2.6	4
75	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.	0.8	4
76	Cone Beam Computed Tomography evaluation of palatal bone thickness for miniscrew placement in Down's syndrome. Archives of Oral Biology, 2015, 60, 1333-1339.	0.8	4
77	Studying the relationship between a woman's reproductive lifespan and age at menarche using a Bayesian multivariate structured additive distributional regression model. Biometrical Journal, 2017, 59, 1232-1246.	0.6	4
78	Reassessment of fluctuating dental asymmetry in Down syndrome. Scientific Reports, 2017, 7, 16679.	1.6	4
79	Chi-squared Goodness-of-fit Theory under Proportional Censorship. Journal of Statistical Planning and Inference, 2003, 109, 101-124.	0.4	3
80	Exploring risk factors in breast cancer screening program data using structured geoadditive models with high order interaction. Spatial Statistics, 2017, 22, 403-418.	0.9	3
81	Liraglutide in a real-world setting: Joint modeling of metabolic response, prediction of efficacy, and cardiovascular risk. Endocrinologia, Diabetes Y NutriciÃ"n, 2019, 66, 376-384.	0.1	3
82	Patterns of monogenean abundance in native and invasive populations of Planiliza haematocheila (Teleostei: Mugilidae): interactions between climate and host defence mechanisms explain parasite release. International Journal for Parasitology, 2020, 50, 1023-1031.	1.3	3
83	Modeling conditional reference regions: Application to glycemic markers. Statistics in Medicine, 2021, 40, 5926-5946.	0.8	3
84	Bivariate Copula Additive Models for Location, Scale and Shape with Applications in Biomedicine. Studies in Systems, Decision and Control, 2018, , 135-146.	0.8	3
85	Application of Penalized Splines in Analyzing Neuronal Data. Biometrical Journal, 2009, 51, 203-216.	0.6	2
86	Assessing neural activity related to decisionâ€making through flexible odds ratio curves and their derivatives. Statistics in Medicine, 2011, 30, 1695-1711.	0.8	2
87	Categorical structured additive regression for assessing habitat suitability in the spatial distribution of mussel seed abundance. Environmetrics, 2012, 23, 75-84.	0.6	2
88	Bandwidth selection for the estimation of transition probabilities in the location-scale progressive three-state model. Computational Statistics, 2013, 28, 2185-2210.	0.8	2
89	Integrating multivariate conditionally autoregressive spatial priors into recursive bivariate models for analyzing environmental sensitivity of mussels. Spatial Statistics, 2017, 22, 419-433.	0.9	2
90	Liraglutide in a real-world setting: Joint modeling of metabolic response, prediction of efficacy, and cardiovascular risk. EndocrinologÃa Diabetes Y NutriciÃ³n (English Ed), 2019, 66, 376-384.	0.1	2

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91	Determinantes de la duraciÃ³n de la incapacidad temporal y la vuelta al trabajo en un Ã¡rea sanitaria de Galicia. Atencion Primaria, 2006, 37, 431-436.	0.6	2
92	GsymPoint: An R Package to Estimate the Generalized Symmetry Point, an Optimal Cut-off Point for Binary Classification in Continuous Diagnostic Tests. R Journal, 2017, 9, 262.	0.7	2
93	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. Statistical Modelling, 2016, 16, 409-428.	0.5	1
94	Comparing Some Production Functions for Inpatient Health Services in Selected Public Hospitals in Spain. Hospital Topics, 2017, 95, 63-71.	0.3	1
95	Applying Spatial Copula Additive Regression toÂBreast Cancer Screening Data. Lecture Notes in Computer Science, 2017, , 586-599.	1.0	1
96	Geographical differences in blood potassium detected using a structured additive distributional regression model. Spatial Statistics, 2018, 24, 1-13.	0.9	1
97	Post-operative stress hyperglycemia is a predictor of mortality in liver transplantation. Diabetology and Metabolic Syndrome, 2018, 10, 35.	1.2	1
98	Resampling and Testing in Regression Models with Environmetrical Applications. , 2009, , 87-97.		0
99	Resampling and Testing in Regression Models with Environmetrical Applications. , 2009, , 171-187.		0
100	Assessing the Predictive Performance of Survival Models with Longitudinal Data. Lecture Notes in Computer Science, 2017, , 621-631.	1.0	0
101	Recent Developments and Advances in Joint Modelling of Longitudinal and Survival Data. Studies in Systems, Decision and Control, 2018, , 219-229.	0.8	0
102	Multivariate Conditional Transformation Models. Application to Thyroid-Related Hormones. Lecture Notes in Computer Science, 2021, , 341-351.	1.0	0
103	Joint Modelling for Longitudinal and Time-to-Event Data: Application to Liver Transplantation Data. Lecture Notes in Computer Science, 2014, , 580-593.	1.0	0
104	Joint Modelling for Flexible Multivariate Longitudinal and Survival Data: Application in Orthotopic Liver Transplantation. Trends in Mathematics, 2017, , 35-40.	0.1	0
105	Functional Data Analysis for Imaging Mean Function Estimation: Computing Times and Parameter Selection. Computers, 2022, 11, 91.	2.1	0