

Antonio LÃ³pez-QuÃ©lez

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

2,179
citations

186265

28
h-index

265206

42
g-index

101
all docs

101
docs citations

101
times ranked

2634
citing authors

#	ARTICLE	IF	CITATIONS
1	An autoregressive approach to spatio-temporal disease mapping. <i>Statistics in Medicine</i> , 2008, 27, 2874-2889.	1.6	96
2	Fishery-dependent and -independent data lead to consistent estimations of essential habitats. <i>ICES Journal of Marine Science</i> , 2016, 73, 2302-2310.	2.5	85
3	Incidence and epidemiology of Citrus tristeza virus in the Valencian Community of Spain. <i>Virus Research</i> , 2000, 71, 85-95.	2.2	78
4	European hospital adherence to GOLD recommendations for chronic obstructive pulmonary disease (COPD) exacerbation admissions: Table A1. <i>Thorax</i> , 2013, 68, 1169-1171.	5.6	77
5	Relation between Temperature and Mortality in Thirteen Spanish Cities. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 3196-3210.	2.6	72
6	Bovine paramphistomosis in Galicia (Spain): Prevalence, intensity, aetiology and geospatial distribution of the infection. <i>Veterinary Parasitology</i> , 2013, 191, 252-263.	1.8	70
7	Estimation and prediction of the spatial occurrence of fish species using Bayesian latent Gaussian models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 1171-1180.	4.0	70
8	The Spatial Epidemiology of Intimate Partner Violence: Do Neighborhoods Matter?. <i>American Journal of Epidemiology</i> , 2015, 182, 58-66.	3.4	70
9	Bayesian Markov switching models for the early detection of influenza epidemics. <i>Statistics in Medicine</i> , 2008, 27, 4455-4468.	1.6	67
10	Modeling sensitive elasmobranch habitats. <i>Journal of Sea Research</i> , 2013, 83, 209-218.	1.6	63
11	Detecting clusters of disease with R. <i>Journal of Geographical Systems</i> , 2005, 7, 189-206.	3.1	59
12	Bayesian spatio-temporal discard model in a demersal trawl fishery. <i>Journal of Sea Research</i> , 2014, 90, 44-53.	1.6	55
13	Accounting for preferential sampling in species distribution models. <i>Ecology and Evolution</i> , 2019, 9, 653-663.	1.9	53
14	Exploring Neighborhood Influences on Small-Area Variations in Intimate Partner Violence Risk: A Bayesian Random-Effects Modeling Approach. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 866-882.	2.6	48
15	Bayesian spatio-temporal approach to identifying fish nurseries by validating persistence areas. <i>Marine Ecology - Progress Series</i> , 2015, 528, 245-255.	1.9	48
16	Variability of hospital resources for acute care of COPD patients: the European COPD Audit. <i>European Respiratory Journal</i> , 2014, 43, 754-762.	6.7	46
17	Antimicrobial Resistance in More than 100,000 <i>Escherichia coli</i> Isolates According to Culture Site and Patient Age, Gender, and Location. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1222-1228.	3.2	45
18	Identifying the best fishing-suitable areas under the new European discard ban. <i>ICES Journal of Marine Science</i> , 2016, 73, 2479-2487.	2.5	45

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19	Neighborhood characteristics and violence behind closed doors: The spatial overlap of child maltreatment and intimate partner violence. <i>PLoS ONE</i> , 2018, 13, e0198684.	2.5	45
20	Antibiotic Prescription for COPD Exacerbations Admitted to Hospital: European COPD Audit. <i>PLoS ONE</i> , 2015, 10, e0124374.	2.5	43
21	Validation of a Google Street View-Based Neighborhood Disorder Observational Scale. <i>Journal of Urban Health</i> , 2017, 94, 190-198.	3.6	40
22	Relative risk estimation of dengue disease at small spatial scale. <i>International Journal of Health Geographics</i> , 2017, 16, 31.	2.5	40
23	Dynamic Bayesian Influenza Forecasting in the United States with Hierarchical Discrepancy (with) Tj ETQq1 1 0.784314 rgBT J Overlo	3.0	38
24	European COPD Audit: design, organisation of work and methodology. <i>European Respiratory Journal</i> , 2013, 41, 270-276.	6.7	37
25	Spatial Analysis of the Relationship between Mortality from Cardiovascular and Cerebrovascular Disease and Drinking Water Hardness. <i>Environmental Health Perspectives</i> , 2004, 112, 1037-1044.	6.0	35
26	Spatio-Temporal model structures with shared components for semi-continuous species distribution modelling. <i>Spatial Statistics</i> , 2017, 22, 434-450.	1.9	35
27	Assessing neighborhood disorder: Validation of a three-factor observational scale. <i>European Journal of Psychology Applied To Legal Context</i> , 2015, 7, 81-89.	4.6	32
28	Mapping child maltreatment risk: a 12-year spatio-temporal analysis of neighborhood influences. <i>International Journal of Health Geographics</i> , 2017, 16, 38.	2.5	30
29	The Effect of Incidental Consolidation on Management and Outcomes in COPD Exacerbations: Data from the European COPD Audit. <i>PLoS ONE</i> , 2015, 10, e0134004.	2.5	29
30	Bayesian dynamic modeling of time series of dengue disease case counts. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005696.	3.0	25
31	Spatiotemporal modeling of relative risk of dengue disease in Colombia. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 1587-1601.	4.0	24
32	EPIDEMIOLOGY OF PLUM POX VIRUS IN JAPANESE PLUMS IN SPAIN. <i>Acta Horticulturae</i> , 2004, , 195-200.	0.2	24
33	Spatial Interaction between Neighbouring Counties: Cancer Mortality Data in Valencia (Spain). <i>Biometrics</i> , 1995, 51, 665.	1.4	23
34	Clinical Audit of Patients Admitted to Hospital in Spain due to Exacerbation of COPD (AUDIPOC Study): Method and Organisation. <i>Archivos De Bronconeumologia</i> , 2010, 46, 349-357.	0.8	23
35	Epidemiology of sharka disease in Spain. <i>EPPO Bulletin</i> , 2006, 36, 271-275.	0.8	22
36	Climatic distribution of citrus black spot caused by <i>Phyllosticta citricarpa</i> . A historical analysis of disease spread in South Africa. <i>European Journal of Plant Pathology</i> , 2015, 143, 69-83.	1.7	22

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37	Determinants of between-hospital variations in outcomes for patients admitted with <sc>COPD</sc> exacerbations: findings from a nationwide clinical audit (<sc>AUDIPOC</sc>) in Spain. International Journal of Clinical Practice, 2015, 69, 938-947.	1.7	21
38	Linking Neighborhood Characteristics and Drug-Related Police Interventions: A Bayesian Spatial Analysis. ISPRS International Journal of Geo-Information, 2017, 6, 65.	2.9	21
39	Spatio-Temporal Modeling of Zika and Dengue Infections within Colombia. International Journal of Environmental Research and Public Health, 2018, 15, 1376.	2.6	19
40	Results from an Audit Feedback Strategy for Chronic Obstructive Pulmonary Disease In-Hospital Care: A Joint Analysis from the AUDIPOC and European COPD Audit Studies. PLoS ONE, 2014, 9, e110394.	2.5	19
41	Spatial moving average risk smoothing. Statistics in Medicine, 2013, 32, 2595-2612.	1.6	18
42	Bayesian hierarchical Poisson models with a hidden Markov structure for the detection of influenza epidemic outbreaks. Statistical Methods in Medical Research, 2015, 24, 206-223.	1.5	18
43	Chronic high risk of intimate partner violence against women in disadvantaged neighborhoods: An eight-year space-time analysis. Preventive Medicine, 2021, 148, 106550.	3.4	16
44	Spatial analysis of bovine spongiform encephalopathy in Galicia, Spain (2000â€“2005). Preventive Veterinary Medicine, 2007, 79, 174-185.	1.9	15
45	Geostatistical computing of acoustic maps in the presence of barriers. Mathematical and Computer Modelling, 2009, 50, 929-938.	2.0	15
46	Statistical Methods for the Geographical Analysis of Rare Diseases. Advances in Experimental Medicine and Biology, 2010, 686, 151-171.	1.6	15
47	Disadvantaged neighborhoods and the spatial overlap of substantiated and unsubstantiated child maltreatment referrals. Child Abuse and Neglect, 2020, 104, 104477.	2.6	15
48	Real-time parameter estimation of Zika outbreaks using model averaging. Epidemiology and Infection, 2017, 145, 2313-2323.	2.1	14
49	What calls for service tell us about suicide: A 7-year spatio-temporal analysis of neighborhood correlates of suicide-related calls. Scientific Reports, 2018, 8, 6746.	3.3	14
50	Assessing the spatiotemporal persistence of fish distributions: a case study on two red mullet species (Mullus surmuletus and M. barbatus) in the western Mediterranean. Marine Ecology - Progress Series, 2020, 644, 173-185.	1.9	14
51	Neighborhood Characteristics, Alcohol Outlet Density, and Alcohol-Related Calls-for-Service: A Spatiotemporal Analysis in a Wet Drinking Country. ISPRS International Journal of Geo-Information, 2017, 6, 380.	2.9	13
52	Spatio-Temporal Analysis of Suicide-Related Emergency Calls. International Journal of Environmental Research and Public Health, 2017, 14, 735.	2.6	12
53	Two-level resolution of relative risk of dengue disease in a hyperendemic city of Colombia. PLoS ONE, 2018, 13, e0203382.	2.5	12
54	Development and Comparison of Species Distribution Models for Forest Inventories. ISPRS International Journal of Geo-Information, 2017, 6, 176.	2.9	11

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55	Spatial and climatic factors associated with the geographical distribution of citrus black spot disease in South Africa. A Bayesian latent Gaussian model approach. <i>European Journal of Plant Pathology</i> , 2018, 151, 991-1007.	1.7	11
56	Spatial Bayesian Modeling Applied to the Surveys of <i>Xylella fastidiosa</i> in Alicante (Spain) and Apulia (Italy). <i>Frontiers in Plant Science</i> , 2020, 11, 1204.	3.6	11
57	Spatial vote redistribution in redrawn polling units. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2013, 176, 655-678.	1.1	10
58	Assessing the Spatial and Spatio-Temporal Distribution of Forest Species via Bayesian Hierarchical Modeling. <i>Forests</i> , 2018, 9, 573.	2.1	9
59	Child maltreatment and alcohol outlets in Spain: Does the country drinking culture matters?. <i>Child Abuse and Neglect</i> , 2019, 91, 23-30.	2.6	9
60	Relationships between agronomic factors and epidemics of <i>Phytophthora</i> branch canker of citrus in southwestern Spain. <i>European Journal of Plant Pathology</i> , 2012, 133, 577-584.	1.7	8
61	Modelling the presence of disease under spatial misalignment using Bayesian latent Gaussian models. <i>Geospatial Health</i> , 2016, 11, 415.	0.8	8
62	Spatio-Temporal Analysis of Infectious Diseases. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 669.	2.6	8
63	Geographical Distribution of Cardiovascular Mortality in Comunidad Valenciana (Spain). , 2002, , 267-282.		8
64	A probabilistic expert system for predicting the risk of <i>Legionella</i> in evaporative installations. <i>Expert Systems With Applications</i> , 2011, 38, 6637-6643.	7.6	7
65	Joint Estimation of Relative Risk for Dengue and Zika Infections, Colombia, 20152016. <i>Emerging Infectious Diseases</i> , 2019, 25, 1118-1126.	4.3	7
66	A spatio-temporal hierarchical Markov switching model for the early detection of influenza outbreaks. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 275-292.	4.0	6
67	RArcInfo: Using GIS data with R. <i>Computers and Geosciences</i> , 2005, 31, 1000-1006.	4.2	5
68	FluDetWeb: an interactive web-based system for the early detection of the onset of influenza epidemics. <i>BMC Medical Informatics and Decision Making</i> , 2009, 9, 36.	3.0	5
69	Integrating fishing spatial patterns and strategies to improve high seas fisheries management. <i>Marine Policy</i> , 2018, 94, 132-142.	3.2	5
70	Bayesian methods in costeffectiveness studies: objectivity, computation and other relevant aspects. <i>Health Economics (United Kingdom)</i> , 2010, 19, 629-643.	1.7	4
71	Species distribution modelling through Bayesian hierarchical approach. <i>Theoretical Ecology</i> , 2019, 12, 49-59.	1.0	4
72	Statistical relationship between hardness of drinking water and cerebrovascular mortality in Valencia: a comparison of spatiotemporal models. <i>Environmetrics</i> , 2003, 14, 491-510.	1.4	3

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73	The university campus environment as a protective factor for intimate partner violence against women: An exploratory study. <i>Journal of Community Psychology</i> , 2018, 46, 903-916.	1.8	3
74	Tracking the outbreak: an optimized sequential adaptive strategy for <i>Xylella fastidiosa</i> delimiting surveys. <i>Biological Invasions</i> , 2021, 23, 3243-3261.	2.4	3
75	Bayesian assessment of times to diagnosis in breast cancer screening. <i>Journal of Applied Statistics</i> , 2008, 35, 997-1009.	1.3	2
76	Incorporating Biotic Information in Species Distribution Models: A Coregionalized Approach. <i>Mathematics</i> , 2021, 9, 417.	2.2	2
77	Source Detection in an Outbreak of Legionnaireâ€™s Disease. , 2006, , 169-182.		2
78	Bayesian multilevel randomâ€™effects model for estimating noise in image sensors. <i>IET Image Processing</i> , 2020, 14, 2737-2745.	2.5	2
79	Geographical variation in pharmacological prescription. <i>Mathematical and Computer Modelling</i> , 2009, 50, 921-928.	2.0	1
80	Multivariate Bioclimatic Indices Modelling: A Coregionalised Approach. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2019, 24, 225-244.	1.4	1
81	Epidemiological Information Systems. , 2009, , 235-248.		1
82	The Spatio-temporal Epidemiology of Child Maltreatment: Using Bayesian Hierarchical Models to Assess Neighborhood Influences. <i>Child Maltreatment</i> , 2022, , 9-29.	1.0	1
83	Comparacion numerica de algoritmos para calcular distribuciones estacionarias de cadenas de Markov finitas. <i>Trabajos De Investigacion Operativa</i> , 1992, 7, 157-172.	0.1	0
84	PAR28 GEOGRAPHICAL VARIATION OF PHARMACOLOGICAL PRESCRIPTION WITH BAYESIAN HIERARCHICAL MODELS. <i>Value in Health</i> , 2007, 10, A251-A252.	0.3	0
85	PMC3 FORMAL OBJECTIVE BAYESIAN METHODS IN COST-EFFECTIVENESS STUDIES. <i>Value in Health</i> , 2007, 10, A451.	0.3	0
86	PMC13 NONLINEAR SMOOTHING TO ASSESS PROBABILITIES OF ANTIBIOTIC-RESISTANT INFECTIONS IN THE COMUNITAT VALENCIANA (SPAIN). <i>Value in Health</i> , 2007, 10, A454.	0.3	0
87	Bayesian Approach to Urinary ESBL-Producing <i>Escherichia coli</i> . <i>Journal of Pharmacovigilance</i> , 2016, 2, .	0.2	0
88	Response to the letter on â€™Climatic distribution of citrus black spot caused by <i>Phyllosticta citricarpa</i> . A historical analysis of disease spread in South Africaâ€™by Fourie et al. (2017). <i>European Journal of Plant Pathology</i> , 2017, 148, 503-508.	1.7	0
89	Reference genome assessment from a population scale perspective: an accurate profile of variability and noise. <i>Bioinformatics</i> , 2017, 33, 3511-3517.	4.1	0
90	Modeling Inoculum Availability of <i>Plurivorosphaerella nawae</i> in Persimmon Leaf Litter with Bayesian Beta Regression. <i>Phytopathology</i> , 2021, 111, 1184-1192.	2.2	0

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91	The Spatial Overlap of Police Calls Reporting Street-Level and Behind-Closed-Doors Crime: A Bayesian Modeling Approach. International Journal of Environmental Research and Public Health, 2021, 18, 5426.	2.6	0
92	VECINDARIOS Y PROBLEMAS SOCIALES: UN ACERCAMIENTO DESDE LA ESTADÍSTICA ESPACIAL / [NEIGHBORHOODS AND SOCIAL PROBLEMS: A SPATIAL STATISTICS APPROACH]. , 2020, , 317-330.		0
93	Deciphering Genomic Heterogeneity and the Internal Composition of Tumour Activities through a Hierarchical Factorisation Model. Mathematics, 2021, 9, 2833.	2.2	0
94	A Classification System for Decision-Making in the Management of Patients with Chronic Conditions. Sustainability, 2021, 13, 13176.	3.2	0