

Marc Saez

List of Publications by Citations

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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.

110
papers

1,803
citations

25
h-index

36
g-index

120
ext. papers

2,228
ext. citations

4.4
avg. IF

5.12
L-index

#	Paper	IF	Citations
110	Effectiveness of the measures to flatten the epidemic curve of COVID-19. The case of Spain. <i>Science of the Total Environment</i> , 2020 , 727, 138761	10.2	91
109	Analysis of health outcome time series data in epidemiological studies. <i>Environmetrics</i> , 2004 , 15, 101-117	7.3	81
108	Discontinuation, Efficacy, and Safety of Cholinesterase Inhibitors for Alzheimer's Disease: a Meta-Analysis and Meta-Regression of 43 Randomized Clinical Trials Enrolling 16 106 Patients. <i>International Journal of Neuropsychopharmacology</i> , 2017 , 20, 519-528	5.8	63
107	Use of poisson regression and box-jenkins models to evaluate the short-term effects of environmental noise levels on daily emergency admissions in Madrid, Spain. <i>European Journal of Epidemiology</i> , 2001 , 17, 765-71	12.1	59
106	Socioeconomic inequalities in cause-specific mortality in 15 European cities. <i>Journal of Epidemiology and Community Health</i> , 2015 , 69, 432-41	5.1	55
105	Short term effect of air pollution, noise and heat waves on preterm births in Madrid (Spain). <i>Environmental Research</i> , 2016 , 145, 162-168	7.9	54
104	Improving retinal artery and vein classification by means of a minimal path approach. <i>Machine Vision and Applications</i> , 2013 , 24, 919-930	2.8	53
103	Long term effects of traffic noise on mortality in the city of Barcelona, 2004-2007. <i>Environmental Research</i> , 2016 , 147, 193-206	7.9	50
102	A combined analysis of the short-term effects of photochemical air pollutants on mortality within the MECAM project. <i>Environmental Health Perspectives</i> , 2002 , 110, 221-8	8.4	46
101	Pinpointing spatio-temporal interactions in wildfire patterns. <i>Stochastic Environmental Research and Risk Assessment</i> , 2012 , 26, 1131-1150	3.5	43
100	Development of an automated system to classify retinal vessels into arteries and veins. <i>Computer Methods and Programs in Biomedicine</i> , 2012 , 108, 367-76	6.9	43
99	Social differences in avoidable mortality between small areas of 15 European cities: an ecological study. <i>International Journal of Health Geographics</i> , 2014 , 13, 8	3.5	41
98	Socioeconomic inequalities in mortality in 16 European cities. <i>Scandinavian Journal of Public Health</i> , 2014 , 42, 245-54	3	39
97	Spatial variability in mortality inequalities, socioeconomic deprivation, and air pollution in small areas of the Barcelona Metropolitan Region, Spain. <i>Science of the Total Environment</i> , 2009 , 407, 5501-23	10.2	39
96	Extraction of espresso coffee by using gradient of temperature. Effect on physicochemical and sensorial characteristics of espresso. <i>Food Chemistry</i> , 2017 , 214, 622-630	8.5	34
95	Modeling zoonotic cutaneous leishmaniasis incidence in central Tunisia from 2009-2015: Forecasting models using climate variables as predictors. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005844	4.8	33
94	Analysis of the spatial variation of Bovine tuberculosis disease risk in Spain (2006-2009). <i>Preventive Veterinary Medicine</i> , 2011 , 100, 44-52	3.1	32

93	Comparative Study of Blood-Based Biomarkers, α ,3-Sialic Acid PSA and PHI, for High-Risk Prostate Cancer Detection. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	31
92	Socioeconomic inequalities in injury mortality in small areas of 15 European cities. <i>Health and Place</i> , 2013 , 24, 165-72	4.6	30
91	The Impact of Structural and Cohesion Funds on Eurozone Convergence, 1990-2010. <i>Regional Studies</i> , 2016 , 50, 1127-1139	3.4	26
90	Spatio-temporal log-Gaussian Cox processes for modelling wildfire occurrence: the case of Catalonia, 1994-2008. <i>Environmental and Ecological Statistics</i> , 2014 , 21, 531-563	2.2	26
89	A spatio-temporal Poisson hurdle point process to model wildfires. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014 , 28, 1671-1684	3.5	26
88	Cancer mortality inequalities in urban areas: a Bayesian small area analysis in Spanish cities. <i>International Journal of Health Geographics</i> , 2011 , 10, 6	3.5	25
87	Non-linearity, Complexity and Limited Measurement in the Relationship Between Satisfaction with Specific Life Domains and Satisfaction with Life as a Whole. <i>Journal of Happiness Studies</i> , 2010 , 11, 335-352	3.7	25
86	Why do patients prefer hospital emergency visits? A nested multinomial logit analysis for patient-initiated contacts. <i>Health Care Management Science</i> , 1998 , 1, 39-52	4	25
85	Effects of long-term exposure to air pollutants on the spatial spread of COVID-19 in Catalonia, Spain. <i>Environmental Research</i> , 2020 , 191, 110177	7.9	25
84	The importance of ecosystem services in coastal agricultural landscapes: Case study from the Costa Brava, Catalonia. <i>Ecosystem Services</i> , 2016 , 17, 43-52	6.1	24
83	Spatial pattern modelling of wildfires in Catalonia, Spain 2004-2008. <i>Environmental Modelling and Software</i> , 2013 , 40, 235-244	5.2	24
82	Improved Pancreatic Adenocarcinoma Diagnosis in Jaundiced and Non-Jaundiced Pancreatic Adenocarcinoma Patients through the Combination of Routine Clinical Markers Associated to Pancreatic Adenocarcinoma Pathophysiology. <i>PLoS ONE</i> , 2016 , 11, e0147214	3.7	24
81	Duration and dosing of Proton Pump Inhibitors associated with high incidence of chronic kidney disease in population-based cohort. <i>PLoS ONE</i> , 2018 , 13, e0204231	3.7	24
80	On the Automatic Computation of the Arterio-Venous Ratio in Retinal Images: Using Minimal Paths for the Artery/Vein Classification 2010 ,		21
79	Trends in socioeconomic inequalities in preventable mortality in urban areas of 33 Spanish cities, 1996-2007 (MEDEA project). <i>International Journal for Equity in Health</i> , 2015 , 14, 33	4.6	20
78	The association between exposure to environmental factors and the occurrence of attention-deficit/hyperactivity disorder (ADHD). A population-based retrospective cohort study. <i>Environmental Research</i> , 2018 , 166, 205-214	7.9	20
77	Influence maternal background has on children's mental health. <i>International Journal for Equity in Health</i> , 2017 , 16, 63	4.6	19
76	Mortality attributable to high temperatures over the 2021-2050 and 2051-2100 time horizons in Spain: Adaptation and economic estimate. <i>Environmental Research</i> , 2019 , 172, 475-485	7.9	18

75	How the economic recession has changed the likelihood of reporting poor self-rated health in Spain. <i>International Journal for Equity in Health</i> , 2015 , 14, 149	4.6	18
74	Health inequalities in the European Union: an empirical analysis of the dynamics of regional differences. <i>European Journal of Health Economics</i> , 2015 , 16, 543-59	3.6	17
73	The impact of teaching status on average costs in Spanish hospitals. <i>Health Economics (United Kingdom)</i> , 1999 , 8, 641-51	2.4	17
72	Effects of the Financial Crisis on Psychotropic Drug Consumption in a Cohort from a Semi-Urban Region in Catalonia, Spain. <i>PLoS ONE</i> , 2016 , 11, e0148594	3.7	17
71	Accurately estimating breast cancer survival in Spain: cross-matching local cancer registries with the National Death Index. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2009 , 26, 51-4	4.1	15
70	Economic crisis and health inequalities: evidence from the European Union. <i>International Journal for Equity in Health</i> , 2016 , 15, 135	4.6	15
69	Inequalities in suicide mortality rates and the economic recession in the municipalities of Catalonia, Spain. <i>International Journal for Equity in Health</i> , 2015 , 14, 75	4.6	14
68	Does the effect of gender modify the relationship between deprivation and mortality?. <i>BMC Public Health</i> , 2012 , 12, 574	4.1	14
67	A selection-bias free method to estimate the prevalence of hypertension from an administrative primary health care database in the Girona Health Region, Spain. <i>Computer Methods and Programs in Biomedicine</i> , 2009 , 93, 228-40	6.9	14
66	Assessment of self-monitoring of blood pressure in the diagnosis of isolated clinic hypertension. <i>Blood Pressure</i> , 2006 , 15, 227-36	1.7	14
65	Using Retinex Image Enhancement to Improve the Artery/Vein Classification in Retinal Images. <i>Lecture Notes in Computer Science</i> , 2010 , 50-59	0.9	14
64	A randomized controlled trial for overweight and obesity in preschoolers: the More and Less Europe study ² - an intervention within the STOP project. <i>BMC Public Health</i> , 2019 , 19, 945	4.1	13
63	Spatial Assessment of the Association between Long-Term Exposure to Environmental Factors and the Occurrence of Amyotrophic Lateral Sclerosis in Catalonia, Spain: A Population-Based Nested Case-Control Study. <i>Neuroepidemiology</i> , 2018 , 51, 33-49	5.4	13
62	Has the economic crisis widened the intraurban socioeconomic inequalities in mortality? The case of Barcelona, Spain. <i>Journal of Epidemiology and Community Health</i> , 2016 , 70, 114-24	5.1	11
61	Spatial variability in relative survival from female breast cancer. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2012 , 175, 107-134	2.1	11
60	Use of primary health care services according to the different degrees of obesity in the Girona Health Region, Spain. <i>Health Economics (United Kingdom)</i> , 2006 , 15, 173-93	2.4	11
59	Survival benefit of multidisciplinary care in amyotrophic lateral sclerosis in Spain: association with noninvasive mechanical ventilation. <i>Journal of Multidisciplinary Healthcare</i> , 2019 , 12, 465-470	2.8	10
58	Spatio-temporal variability of bovine tuberculosis eradication in Spain (2006-2011). <i>Spatial and Spatio-temporal Epidemiology</i> , 2014 , 10, 1-10	3.5	10

57	A GEE moving average analysis of the relationship between air pollution and mortality for asthma in Barcelona, Spain. <i>Statistics in Medicine</i> , 1999 , 18, 2077-86	2.3	10
56	The dynamic behaviour of metabolic syndrome and its components in an eight-year population-based cohort from the Mediterranean. <i>PLoS ONE</i> , 2017 , 12, e0176665	3.7	10
55	Financial crisis and income-related inequalities in the universal provision of a public service: the case of healthcare in Spain. <i>International Journal for Equity in Health</i> , 2017 , 16, 134	4.6	9
54	Modelling asthma epidemics on the relationship between air pollution and asthma emergency visits in Barcelona, Spain. <i>European Journal of Epidemiology</i> , 1999 , 15, 799-803	12.1	8
53	Prenatal exposure to persistent organic pollutants and childhood obesity: A systematic review and meta-analysis of human studies. <i>Obesity Reviews</i> , 2021 , e13383	10.6	8
52	Assessing the Effects on Health Inequalities of Differential Exposure and Differential Susceptibility of Air Pollution and Environmental Noise in Barcelona, 2007-2014. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	7
51	Compositional analysis of dietary patterns. <i>Statistical Methods in Medical Research</i> , 2019 , 28, 2834-2847	2.3	7
50	Will there be cold-related mortality in Spain over the 2021-2050 and 2051-2100 time horizons despite the increase in temperatures as a consequence of climate change?. <i>Environmental Research</i> , 2019 , 176, 108557	7.9	7
49	Retinal arteriole-to-venule ratio changes and target organ disease evolution in newly diagnosed hypertensive patients at 1-year follow-up. <i>Journal of the American Society of Hypertension</i> , 2014 , 8, 83-93		7
48	Coste de la hipertensi3n arterial en Espa3a. <i>Hipertension Y Riesgo Vascular</i> , 2012 , 29, 145-151	0.5	7
47	Evolution of target organ damage by different values of self-blood pressure measurement in untreated hypertensive patients. <i>American Journal of Hypertension</i> , 2012 , 25, 1256-63	2.3	7
46	Comparing meta-analysis and ecological-longitudinal analysis in time-series studies. A case study of the effects of air pollution on mortality in three Spanish cities. <i>Journal of Epidemiology and Community Health</i> , 2001 , 55, 423-32	5.1	7
45	The built environment as determinant of childhood obesity: A systematic literature review. <i>Obesity Reviews</i> , 2021 , 23, e13385	10.6	7
44	The Influence of Imports and Exports on the Evolution of Greenhouse Gas Emissions: The Case for the European Union. <i>Energies</i> , 2018 , 11, 1644	3.1	7
43	Did psychotropic drug consumption increase during the 2008 financial crisis? A cross-sectional population-based study in Spain. <i>BMJ Open</i> , 2019 , 9, e021440	3	6
42	Study of the strength of the evidence and the redundancy of the research on pharmacological treatment for Alzheimer's disease: a cumulative meta-analysis and trial sequential analysis. <i>European Journal of Clinical Pharmacology</i> , 2019 , 75, 1659-1667	2.8	6
41	Modelling of nitrogen dioxide (NO2) and fine particulate matter (PM10) air pollution in the metropolitan areas of Barcelona and Bilbao, Spain. <i>Environmetrics</i> , 2009 , 20, 477-493	1.3	6
40	Missing Diagnoses during the COVID-19 Pandemic: A Year in Review. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	6

39	Comparative effectiveness of school-based interventions targeting physical activity, physical fitness or sedentary behaviour on obesity prevention in 6- to 12-year-old children: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2021 , 22, e13160	10.6	6
38	Prediabetes is associated with glomerular hyperfiltration in a European Mediterranean cohort study. <i>Journal of Nephrology</i> , 2018 , 31, 743-749	4.8	5
37	Adherence to the 2018 WCRF/AICR cancer prevention guidelines and chronic lymphocytic leukemia in the MCC-Spain study. <i>Cancer Epidemiology</i> , 2020 , 64, 101629	2.8	5
36	Meteorological factors and incidence of COVID-19 during the first wave of the pandemic in Catalonia (Spain): A multi-county study. <i>One Health</i> , 2021 , 12, 100239	7.6	5
35	Comparison of different vascular risk engines in the identification of type 2 diabetes patients with high cardiovascular risk. <i>BMC Cardiovascular Disorders</i> , 2015 , 15, 121	2.3	4
34	Analysis of the location of retinal lesions in central retinographies of patients with Type 2 diabetes. <i>Acta Ophthalmologica</i> , 2020 , 98, e13-e21	3.7	4
33	Subjective Well-Being in Early Adolescence: Observations from a Five-Year Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	4
32	Community Risk Factors in the COVID-19 Incidence and Mortality in Catalonia (Spain). A Population-Based Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	4
31	Multimorbidity patterns and their related characteristics in European older adults: A longitudinal perspective. <i>Archives of Gerontology and Geriatrics</i> , 2021 , 95, 104428	4	4
30	Population-based incidence of lymphoid neoplasms: Twenty years of epidemiological data in the Girona province, Spain. <i>Cancer Epidemiology</i> , 2019 , 58, 8-11	2.8	4
29	Estimation of the prevalence and incidence of motor neuron diseases in two Spanish regions: Catalonia and Valencia. <i>Scientific Reports</i> , 2021 , 11, 6207	4.9	4
28	Another Look at the Comparisons of the Health Systems Expenditure Indicators. <i>Social Indicators Research</i> , 2015 , 121, 149-175	2.7	3
27	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
26	Methodological limitations in studies assessing the effects of environmental and socioeconomic variables on the spread of COVID-19: a systematic review. <i>Environmental Sciences Europe</i> , 2021 , 33, 108	5	3
25	A common error in the ecological regression of cancer incidence on the deprivation index. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2013 , 34, 83-91	4.1	3
24	Impact of the great recession on self-perceived health in Spain: a longitudinal study with individual data. <i>BMJ Open</i> , 2019 , 9, e023258	3	2
23	Evaluation of the Biases in the Studies that Assess the Effects of the Great Recession on Health. A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	2
22	The effects of copayment in primary health care: evidence from a natural experiment. <i>European Journal of Health Economics</i> , 2019 , 20, 1237-1248	3.6	2

21	Assessing the Spatial Distribution of Biodiversity in a Changing Temperature Pattern: The Case of Catalonia, Spain. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	2
20	Application of the chi-plot to assess for dependence in environmental epidemiology studies. <i>Environmental and Ecological Statistics</i> , 2007 , 14, 181-189	2.2	2
19	Exploring Aesthetic Preferences in Rural Landscapes and the Relationship with Spatial Pattern Indices. <i>Journal of Landscape Ecology(Czech Republic)</i> , 2016 , 9, 5-21	1.2	2
18	Partial contributions and temporal trends of leading causes of death during the last four decades in Spain. <i>Public Health</i> , 2020 , 189, 81-90	4	2
17	What is the optimal cut-off threshold in self-home blood pressure measurement?: A cohort study according to STROBE statement. <i>Medicine (United States)</i> , 2019 , 98, e14817	1.8	2
16	Prognostic Value of the Estimated Glomerular Filtration Rate Decline in Hypertensive Patients Without Chronic Kidney Disease. <i>American Journal of Hypertension</i> , 2019 , 32, 890-899	2.3	1
15	Association between the New COVID-19 Cases and Air Pollution with Meteorological Elements in Nine Counties of New York State. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
14	Hospital Costs of Foreign Non-Resident Patients: A Comparative Analysis in Catalonia, Spain. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	1
13	Impacts of ambient temperature and seasonal changes on sports injuries in Madrid, Spain: a time-series regression analysis.. <i>BMJ Open Sport and Exercise Medicine</i> , 2021 , 7, e001205	3.4	1
12	Saved by Wealth? Income, Wealth, and Self-Perceived Health in Spain during the Financial Crisis. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
11	Past-season, pre-season and in-season risk assessment of groin problems in male football players: a prospective full-season study. <i>British Journal of Sports Medicine</i> , 2021 ,	10.3	1
10	Impact of COVID-19 on the Health of the General and More Vulnerable Population and Its Determinants: Health Care and Social Survey-ESSOC, Study Protocol. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
9	Practical application of the ATOM study: Treatment efficacy of antihypertensive drugs in monotherapy or combination (ATOM metaanalysis according to PRISMA statement); tables for the use of antihypertensive drugs in monotherapy or combination. <i>Medicine (United States)</i> , 2019 , 98, e15010	1.8	1
8	Comorbidities at Diagnosis, Survival, and Cause of Death in Patients with Chronic Lymphocytic Leukemia: A Population-Based Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
7	Placebo response and its predictors in Attention Deficit Hyperactivity Disorder: a meta-analysis and comparison of meta-regression and MetaForest. <i>International Journal of Neuropsychopharmacology</i> , 2021 ,	5.8	1
6	Compositional and Bayesian inference analysis of the concentrations of air pollutants in Catalonia, Spain. <i>Environmental Research</i> , 2022 , 204, 112388	7.9	0
5	Longitudinal panel data study of self-rated health among migrants in French-speaking Switzerland, 2003-2017. <i>BMJ Open</i> , 2020 , 10, e035812	3	0
4	Spatial prediction of air pollution levels using a hierarchical Bayesian spatiotemporal model in Catalonia, Spain. <i>Environmental Modelling and Software</i> , 2022 , 151, 105369	5.2	0

- 3 Are there height-dependent differences in subclinical vascular disease in hypertensive patients?.
Journal of Clinical Hypertension, **2014**, 16, 70-6 2.3
- 2 Nocebo Response in Attention Deficit Hyperactivity Disorder: Meta-Analysis and Meta-Regression
of 105 Randomized Clinical Trials.. *Journal of Attention Disorders*, **2022**, 10870547221075845 3.7
- 1 Analysis of the geographic pattern of the police reports for domestic violence in Girona (Spain)..
BMC Public Health, **2022**, 22, 552 4.1