

Dominic RoyÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,651
citations

394421

19
h-index

315739

38
g-index

50
all docs

50
docs citations

50
times ranked

1392
citing authors

#	ARTICLE	IF	CITATIONS
1	The burden of heat-related mortality attributable to recent human-induced climate change. <i>Nature Climate Change</i> , 2021, 11, 492-500.	18.8	400
2	Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study. <i>Lancet Planetary Health</i> , The, 2021, 5, e415-e425.	11.4	284
3	Mortality risk attributable to wildfire-related PM2.5 pollution: a global time series study in 749 locations. <i>Lancet Planetary Health</i> , The, 2021, 5, e579-e587.	11.4	109
4	A cross-sectional analysis of meteorological factors and SARS-CoV-2 transmission in 409 cities across 26 countries. <i>Nature Communications</i> , 2021, 12, 5968.	12.8	66
5	Heat wave intensity and daily mortality in four of the largest cities of Spain. <i>Environmental Research</i> , 2020, 182, 109027.	7.5	55
6	A time series analysis of the relationship between apparent temperature, air pollutants and ischemic stroke in Madrid, Spain. <i>Environmental Research</i> , 2019, 173, 349-358.	7.5	49
7	The effects of hot nights on mortality in Barcelona, Spain. <i>International Journal of Biometeorology</i> , 2017, 61, 2127-2140.	3.0	47
8	Concentration of daily precipitation in the contiguous United States. <i>Atmospheric Research</i> , 2017, 196, 237-247.	4.1	46
9	Effects of Hot Nights on Mortality in Southern Europe. <i>Epidemiology</i> , 2021, 32, 487-498.	2.7	45
10	Contrasting patterns of temperature related mortality and hospitalization by cardiovascular and respiratory diseases in 52 Spanish cities. <i>Environmental Research</i> , 2021, 192, 110191.	7.5	42
11	Comparison of weather station and climate reanalysis data for modelling temperature-related mortality. <i>Scientific Reports</i> , 2022, 12, 5178.	3.3	42
12	Spatiotemporal variability of daily precipitation concentration and its relationship to teleconnection patterns over the Mediterranean during 1975-2015. <i>International Journal of Climatology</i> , 2020, 40, 1435-1455.	3.5	41
13	Observed Changes in Daily Precipitation Extremes at Annual Timescale Over the Eastern Mediterranean During 1961-2012. <i>Pure and Applied Geophysics</i> , 2018, 175, 3875-3890.	1.9	36
14	Heatwave intensity on the Iberian Peninsula: Future climate projections. <i>Atmospheric Research</i> , 2021, 258, 105655.	4.1	34
15	Comparison of temperature-mortality associations using observed weather station and reanalysis data in 52 Spanish cities. <i>Environmental Research</i> , 2020, 183, 109237.	7.5	31
16	Geographical Variations of the Minimum Mortality Temperature at a Global Scale. <i>Environmental Epidemiology</i> , 2021, 5, e169.	3.0	28
17	A Comparative Analysis of the Temperature-Mortality Risks Using Different Weather Datasets Across Heterogeneous Regions. <i>GeoHealth</i> , 2021, 5, e2020GH000363.	4.0	27
18	Mediterranean-Scale Drought: Regional Datasets for Exceptional Meteorological Drought Events during 1975-2019. <i>Atmosphere</i> , 2021, 12, 941.	2.3	27

#	ARTICLE	IF	CITATIONS
19	Global, regional, and national burden of mortality associated with short-term temperature variability from 2000â€“19: a three-stage modelling study. <i>Lancet Planetary Health</i> , The, 2022, 6, e410-e421.	11.4	27
20	synoptReg: An R package for computing a synoptic climate classification and a spatial regionalization of environmental data. <i>Environmental Modelling and Software</i> , 2019, 118, 114-119.	4.5	24
21	Predictive value of three thermal comfort indices in low temperatures on cardiovascular morbidity in the Iberian peninsula. <i>Science of the Total Environment</i> , 2020, 729, 138969.	8.0	18
22	Winter circulation weather types and hospital admissions for respiratory diseases in Galicia, Spain. <i>International Journal of Biometeorology</i> , 2016, 60, 507-520.	3.0	16
23	Wildfire burnt area patterns and trends in Western Mediterranean Europe via the application of a concentration index. <i>Land Degradation and Development</i> , 2020, 31, 311-324.	3.9	16
24	Spatialâ€“temporal patterns of cloud-to-ground lightning over the northwest Iberian Peninsula during the period 2010â€“2015. <i>Natural Hazards</i> , 2018, 92, 857-884.	3.4	15
25	Spatial analysis of daily precipitation concentration in Puerto Rico. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1347-1355.	2.8	15
26	Forest Fire Causes and Motivations in the Southern and South-Eastern Europe through Expertsâ€™ Perception and Applications to Current Policies. <i>Forests</i> , 2022, 13, 562.	2.1	11
27	Glossary on atmospheric electricity and its effects on biology. <i>International Journal of Biometeorology</i> , 2021, 65, 5-29.	3.0	9
28	Meteorological drought lacunarity around the world and its classification. <i>Earth System Science Data</i> , 2020, 12, 741-752.	9.9	9
29	Papel de la temperatura aparente y de los contaminantes atmosfÃ©ricos en los ingresos por infarto agudo de miocardio en el norte de EspaÃ±a. <i>Revista Espanola De Cardiologia</i> , 2019, 72, 634-640.	1.2	8
30	Role of Apparent Temperature and Air Pollutants in Hospital Admissions for Acute Myocardial Infarction in the North of Spain. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 634-640.	0.6	8
31	Effects of circulation weather types on influenza hospital admissions in Spain. <i>International Journal of Biometeorology</i> , 2021, 65, 1325-1337.	3.0	7
32	Rainfall-Linked Megafires as Innate Fire Regime Elements in Arid Australian Spinifex (<i>Triodia</i> spp.) Grasslands. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	7
33	Temperature-related effects on respiratory medical prescriptions in Spain. <i>Environmental Research</i> , 2021, 202, 111695.	7.5	7
34	Fluctuating temperature modifies heat-mortality association around the globe. <i>Innovation(China)</i> , 2022, 3, 100225.	9.1	7
35	Kawasaki disease in Spanish paediatric population and synoptic weather types: an observational study. <i>Rheumatology International</i> , 2018, 38, 1259-1266.	3.0	5
36	Co-creation and Participatory Design of Big Data Infrastructures on the Field of Human Health Related Climate Services. <i>Studies in Big Data</i> , 2017, , 199-226.	1.1	5

#	ARTICLE	IF	CITATIONS
37	Short-term effects of heat and cold on respiratory drug use. A time-series epidemiological study in A Coruña, Spain. <i>Pharmacoepidemiology and Drug Safety</i> , 2018, 27, 638-644.	1.9	4
38	Impact of Extreme Temperatures on Ambulance Dispatches Due to Cardiovascular Causes in North-West Spain. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9001.	2.6	4
39	Intensidad y duración del estrés térmico en verano en el área urbana de Madrid. <i>Geographicalia</i> , 2021, , 95-113.	0.1	3
40	Spatio-temporal variations of cloud fraction based on circulation types in the Iberian Peninsula. <i>International Journal of Climatology</i> , 2019, 39, 1716-1732.	3.5	2
41	Barometric Connections Between the North of the Caribbean Sea and the Southwest of the Iberian Peninsula and the NAO Index. <i>Caribbean Studies</i> , 2018, 46, 121-135.	0.1	1
42	Análisis espacio-temporal de las noches cálidas en el litoral mediterráneo de España. , 2016, , 689-700.		1
43	Tipos de tiempo y admisiones hospitalarias asociadas a la gripe en Galicia en el periodo 2003-2013. , 2016, , 505-514.		1
44	Vulnerability factors driving differential patterns in the heat-related mortality between rural and urban areas in Switzerland. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0