

M Yolanda Luna

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

927
citations

393982

19
h-index

476904

29
g-index

42
all docs

42
docs citations

42
times ranked

1010
citing authors

#	ARTICLE	IF	CITATIONS
1	A High Resolution Dataset of Drought Indices for Spain. <i>Data</i> , 2017, 2, 22.	1.2	125
2	Analysis of the atmospheric circulation pattern effects over SPEI drought index in Spain. <i>Atmospheric Research</i> , 2019, 230, 104630.	1.8	55
3	Mortality attributable to extreme temperatures in Spain: A comparative analysis by city. <i>Environment International</i> , 2016, 91, 22-28.	4.8	49
4	Time trend in the impact of heat waves on daily mortality in Spain for a period of over thirty years (1983â€“2013). <i>Environment International</i> , 2018, 116, 10-17.	4.8	46
5	Long-term variability and trends in meteorological droughts in Western Europe (1851â€“2018). <i>International Journal of Climatology</i> , 2021, 41, E690.	1.5	43
6	North Atlantic teleconnection patterns of low-frequency variability and their links with springtime precipitation in the western Mediterranean. <i>International Journal of Climatology</i> , 2004, 24, 213-230.	1.5	39
7	Long-term precipitation in Southwestern Europe reveals no clear trend attributable to anthropogenic forcing. <i>Environmental Research Letters</i> , 2020, 15, 094070.	2.2	39
8	Self-similarity patterns of precipitation in the Iberian Peninsula. <i>Theoretical and Applied Climatology</i> , 2006, 85, 41-59.	1.3	34
9	Mortality attributable to high temperatures over the 2021â€“2050 and 2051â€“2100 time horizons in Spain: Adaptation and economic estimate. <i>Environmental Research</i> , 2019, 172, 475-485.	3.7	34
10	Coupled modes of large-scale climatic variables and regional precipitation in the western Mediterranean in autumn. <i>Climate Dynamics</i> , 2004, 22, 307-323.	1.7	29
11	The evolution of minimum mortality temperatures as an indicator of heat adaptation: The cases of Madrid and Seville (Spain). <i>Science of the Total Environment</i> , 2020, 747, 141259.	3.9	29
12	Characterization of the autumn Iberian precipitation from long-term datasets: comparison between observed and hindcasted data. <i>International Journal of Climatology</i> , 2009, 29, 527-541.	1.5	28
13	High spatial resolution climatology of drought events for Spain: 1961â€“2014. <i>International Journal of Climatology</i> , 2019, 39, 5046-5062.	1.5	28
14	Spatial variability in threshold temperatures of heat wave mortality: impact assessment on prevention plans. <i>International Journal of Environmental Health Research</i> , 2017, 27, 463-475.	1.3	27
15	Analysis of the impact of heat waves on daily mortality in urban and rural areas in Madrid. <i>Environmental Research</i> , 2021, 195, 110892.	3.7	27
16	Validation of a homogeneous 41-year (1961â€“2001) winter precipitation hindcasted dataset over the Iberian Peninsula: assessment of the regional improvement of global reanalysis. <i>Climate Dynamics</i> , 2006, 27, 627-645.	1.7	25
17	An objectively selected case study of a heavy rain event in the Mediterranean Basin: A diagnosis using numerical simulation. <i>Atmospheric Research</i> , 2006, 81, 187-205.	1.8	24
18	Storm Gloria: Sea State Evolution Based on in situ Measurements and Modeled Data and Its Impact on Extreme Values. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	23

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19	Evolution of the minimum mortality temperature (1983–2018): Is Spain adapting to heat?. <i>Science of the Total Environment</i> , 2021, 784, 147233.	3.9	20
20	Springtime coupled modes of regional wind in the Iberian Peninsula and large-scale variability patterns. <i>International Journal of Climatology</i> , 2011, 31, 880-895.	1.5	17
21	Impact of environmental factors and Sahara dust intrusions on incidence and severity of COVID-19 disease in Spain. Effect in the first and second pandemic waves. <i>Environmental Science and Pollution Research</i> , 2021, 28, 51948-51960.	2.7	17
22	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.	3.7	15
23	An overview of a heavy rain event in southeastern Iberia: the role of large-scale meteorological conditions. <i>Annales Geophysicae</i> , 1997, 15, 494-502.	0.6	14
24	Time trends in the impact attributable to cold days in Spain: Incidence of local factors. <i>Science of the Total Environment</i> , 2019, 655, 305-312.	3.9	14
25	Iberian autumnal precipitation characterization through observed, simulated and reanalysed data. <i>Advances in Geosciences</i> , 0, 16, 49-54.	12.0	13
26	Springtime connections between the large-scale sea-level pressure field and gust wind speed over Iberia and the Balearics. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 191-203.	1.5	12
27	Short-term effect of heat waves on hospital admissions in Madrid: Analysis by gender and comparison with previous findings. <i>Environmental Pollution</i> , 2018, 243, 1648-1656.	3.7	12
28	Evolution of the threshold temperature definition of a heat wave vs. evolution of the minimum mortality temperature: a case study in Spain during the 1983–2018 period. <i>Environmental Sciences Europe</i> , 2021, 33, .	2.6	12
29	Wintertime connections between extreme wind patterns in Spain and large-scale geopotential height field. <i>Atmospheric Research</i> , 2013, 122, 213-228.	1.8	11
30	High-spatial-resolution probability maps of drought duration and magnitude across Spain. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 611-628.	1.5	11
31	A monthly precipitation database for Spain (1851–2008): reconstruction, homogeneity and trends. <i>Advances in Science and Research</i> , 2012, 8, 1-4.	1.0	11
32	Probabilistic and deterministic results of the ANPAF analog model for Spanish wind field estimations. <i>Atmospheric Research</i> , 2012, 108, 39-56.	1.8	10
33	The use of GIS to evaluate and map extreme maximum and minimum temperatures in Spain. <i>Meteorological Applications</i> , 2006, 13, 385.	0.9	9
34	The effect of cold waves on mortality in urban and rural areas of Madrid. <i>Environmental Sciences Europe</i> , 2021, 33, .	2.6	9
35	Tropospheric ozone concentrations related to atmospheric conditions at Izaña BAPMoN weather station, Canary Islands. <i>Il Nuovo Cimento Della Societ� Italiana Di Fisica C</i> , 1992, 15, 159-172.	0.2	5
36	Short-term influence of environmental factors and social variables COVID-19 disease in Spain during first wave (Feb–May 2020). <i>Environmental Science and Pollution Research</i> , 2022, 29, 50392-50406.	2.7	4

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37	Mortality due to COVID-19 in Spain and its association with environmental factors and determinants of health. <i>Environmental Sciences Europe</i> , 2022, 34, 39.	2.6	3
38	Evidence for the role of the diabatic heating in synoptic scale processes: a case study example. <i>Annales Geophysicae</i> , 1997, 15, 487-493.	0.6	2
39	"Spatial Variability of COVID-19 First Wave Severity and Transmission Intensity in Spain: The Influence of Meteorological Factors". <i>Biomedical Journal of Scientific & Technical Research</i> , 2021, 35, .	0.0	2
40	Fire Danger Harmonization Based on the Fire Weather Index for Transboundary Events between Portugal and Spain. <i>Atmosphere</i> , 2021, 12, 1087.	1.0	0