M Yolanda Luna

List of Publications by Year
in descending order

40	927	393982	476904
papers	citations	19 h-index	29 g-index

42	42	42	1010
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Short-term influence of environmental factors and social variables COVID-19 disease in Spain during first wave (Febâ€“May 2020). Environmental Science and Pollution Research, 2022, 29, 50392-50406.	2.7	4
2	Mortality due to COVID-19 in Spain and its association with environmental factors and determinants of health. Environmental Sciences Europe, 2022, 34, 39.	2.6	3
3	Longâ€term variability and trends in meteorological droughts in Western Europe (1851â€“2018). International Journal of Climatology, 2021, 41, E690.	1.5	43
4	Storm Gloria: Sea State Evolution Based on in situ Measurements and Modeled Data and Its Impact on Extreme Values. Frontiers in Marine Science, 2021, 8, .	1.2	23
5	"Spatial Variability of COVID-19 First Wave Severity and Transmission Intensity in Spain: The Influence of Meteorological Factors". Biomedical Journal of Scientific & Technical Research, 2021, 35, .	0.0	2
6	Analysis of the impact of heat waves on daily mortality in urban and rural areas in Madrid. Environmental Research, 2021, 195, 110892.	3.7	27
7	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. Environmental Science and Pollution Research, 2021, 28, 51948-51960.	2.7	17
8	The effect of cold waves on mortality in urban and rural areas of Madrid. Environmental Sciences Europe, 2021, 33, .	2.6	9
9	Fire Danger Harmonization Based on the Fire Weather Index for Transboundary Events between Portugal and Spain. Atmosphere, 2021, 12, 1087.	1.0	0
10	Evolution of the minimum mortality temperature (1983â€“2018): Is Spain adapting to heat?. Science of the Total Environment, 2021, 784, 147233.	3.9	20
11	Evolution of the threshold temperature definition of a heat wave vs. evolution of the minimum mortality temperature: a case study in Spain during the 1983â€“2018 period. Environmental Sciences Europe, 2021, 33, .	2.6	12
12	The evolution of minimum mortality temperatures as an indicator of heat adaptation: The cases of Madrid and Seville (Spain). Science of the Total Environment, 2020, 747, 141259.	3.9	29
13	Long-term precipitation in Southwestern Europe reveals no clear trend attributable to anthropogenic forcing. Environmental Research Letters, 2020, 15, 094070.	2.2	39
14	Analysis of the atmospheric circulation pattern effects over SPEI drought index in Spain. Atmospheric Research, 2019, 230, 104630.	1.8	55
15	Will there be cold-related mortality in Spain over the 2021â€“2050 and 2051â€“2100 time horizons despite the increase in temperatures as a consequence of climate change?. Environmental Research, 2019, 176, 108557.	3.7	15
16	High-spatial-resolution probability maps of drought duration and magnitude across Spain. Natural Hazards and Earth System Sciences, 2019, 19, 611-628.	1.5	11
17	High spatial resolution climatology of drought events for Spain: 1961â€“2014. International Journal of Climatology, 2019, 39, 5046-5062.	1.5	28
18	Mortality attributable to high temperatures over the 2021â€“2050 and 2051â€“2100 time horizons in Spain: Adaptation and economic estimate. Environmental Research, 2019, 172, 475-485.	3.7	34

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19	Time trends in the impact attributable to cold days in Spain: Incidence of local factors. Science of the Total Environment, 2019, 655, 305-312.	3.9	14
20	Time trend in the impact of heat waves on daily mortality in Spain for a period of over thirty years (1983â€“2013). Environment International, 2018, 116, 10-17.	4.8	46
21	Short-term effect of heat waves on hospital admissions in Madrid: Analysis by gender and comparision with previous findings. Environmental Pollution, 2018, 243, 1648-1656.	3.7	12
22	Spatial variability in threshold temperatures of heat wave mortality: impact assessment on prevention plans. International Journal of Environmental Health Research, 2017, 27, 463-475.	1.3	27
23	A High Resolution Dataset of Drought Indices for Spain. Data, 2017, 2, 22.	1.2	125
24	Mortality attributable to extreme temperatures in Spain: A comparative analysis by city. Environment International, 2016, 91, 22-28.	4.8	49
25	Wintertime connections between extreme wind patterns in Spain and large-scale geopotential height field. Atmospheric Research, 2013, 122, 213-228.	1.8	11
26	Probabilistic and deterministic results of the ANPAF analog model for Spanish wind field estimations. Atmospheric Research, 2012, 108, 39-56.	1.8	10
27	A monthly precipitation database for Spain (1851â€“2008): reconstruction, homogeneity and trends. Advances in Science and Research, 2012, 8, 1-4.	1.0	11
28	Springtime connections between the large-scale sea-level pressure field and gust wind speed over Iberia and the Balearics. Natural Hazards and Earth System Sciences, 2011, 11, 191-203.	1.5	12
29	Springtime coupled modes of regional wind in the Iberian Peninsula and largeâ€scale variability patterns. International Journal of Climatology, 2011, 31, 880-895.	1.5	17
30	Characterization of the autumn Iberian precipitation from longâ€term datasets: comparison between observed and hindcasted data. International Journal of Climatology, 2009, 29, 527-541.	1.5	28
31	An objectively selected case study of a heavy rain event in the Mediterranean Basin: A diagnosis using numerical simulation. Atmospheric Research, 2006, 81, 187-205.	1.8	24
32	The use of GIS to evaluate and map extreme maximum and minimum temperatures in Spain. Meteorological Applications, 2006, 13, 385.	0.9	9
33	Self-similarity patterns of precipitation in the Iberian Peninsula. Theoretical and Applied Climatology, 2006, 85, 41-59.	1.3	34
34	Validation of a homogeneous 41-year (1961â€“2001) winter precipitation hindcasted dataset over the Iberian Peninsula: assessment of the regional improvement of global reanalysis. Climate Dynamics, 2006, 27, 627-645.	1.7	25
35	Coupled modes of large-scale climatic variables and regional precipitation in the western Mediterranean in autumn. Climate Dynamics, 2004, 22, 307-323.	1.7	29
36	North Atlantic teleconnection patterns of low-frequency variability and their links with springtime precipitation in the western Mediterranean. International Journal of Climatology, 2004, 24, 213-230.	1.5	39

#	Article	IF	Citations
37	Evidence for the role of the diabatic heating in synoptic scale processes: a case study example. Annales Geophysicae, 1997, 15, 487-493.	0.6	2
38	An overview of a heavy rain event in southeastern Iberia: the role of large-scale meteorological conditions. Annales Geophysicae, 1997, 15, 494-502.	0.6	14
39	Tropospheric ozone concentrations related to atmospheric conditions at IzaÃ±a BAPMoN weather station, Canary Islands. Il Nuovo Cimento Della SocietÃ Italiana Di Fisica C, 1992, 15, 159-172.	0.2	5
40	Iberian autumnal precipitation characterization through observed, simulated and reanalysed data. Advances in Geosciences, 0, 16, 49-54.	12.0	13