

# Joan A Lopez-Bustins

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8815499/publications.pdf>

Version: 2024-02-01

34  
papers

1,372  
citations

471061

17  
h-index

395343

33  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1733  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Western Mediterranean Oscillation and rainfall in the Iberian Peninsula. <i>International Journal of Climatology</i> , 2006, 26, 1455-1475.	1.5	335
2	Monthly precipitation trends on the Mediterranean fringe of the Iberian Peninsula during the second half of the twentieth century (1951–2000). <i>International Journal of Climatology</i> , 2009, 29, 1415-1429.	1.5	144
3	Homogenization and Assessment of Observed Near-Surface Wind Speed Trends over Spain and Portugal, 1961–2011*. <i>Journal of Climate</i> , 2014, 27, 3692-3712.	1.2	132
4	Iberia winter rainfall trends based upon changes in teleconnection and circulation patterns. <i>Global and Planetary Change</i> , 2008, 63, 171-176.	1.6	119
5	Spatial and temporal analysis of drought variability at several time scales in Syria during 1961–2012. <i>Atmospheric Research</i> , 2018, 200, 153-168.	1.8	99
6	Estimating Barcelona's metropolitan daytime hot and cold poles using Landsat-8 Land Surface Temperature. <i>Science of the Total Environment</i> , 2020, 699, 134307.	3.9	58
7	Impacts of climate change on water resources in the Mediterranean Basin: a case study in Catalonia, Spain. <i>Hydrological Sciences Journal</i> , 2015, 60, 2132-2147.	1.2	42
8	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.	1.5	41
9	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.	0.8	36
10	Climate warming amplified the 2020 record-breaking heatwave in the Antarctic Peninsula. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	35
11	Did anomalous atmospheric circulation favor the spread of COVID-19 in Europe?. <i>Environmental Research</i> , 2021, 194, 110626.	3.7	32
12	Mediterranean-Scale Drought: Regional Datasets for Exceptional Meteorological Drought Events during 1975–2019. <i>Atmosphere</i> , 2021, 12, 941.	1.0	27
13	Combining circulation weather types and daily precipitation modelling to derive climatic precipitation regions in the Pyrenees. <i>Atmospheric Research</i> , 2019, 220, 181-193.	1.8	26
14	Future variability of droughts in three Mediterranean catchments. <i>Natural Hazards</i> , 2013, 69, 1405-1421.	1.6	25
15	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.	1.9	24
16	Upper-Level Mediterranean Oscillation index and seasonal variability of rainfall and temperature. <i>Theoretical and Applied Climatology</i> , 2019, 135, 1059-1077.	1.3	23
17	An automated sea breeze selection technique based on regional sea-level pressure difference: WeMOI. <i>International Journal of Climatology</i> , 2008, 28, 1681-1692.	1.5	21
18	The influence of the Western Mediterranean Oscillation upon the spatio-temporal variability of precipitation over Catalonia (northeastern of the Iberian Peninsula). <i>Atmospheric Research</i> , 2020, 236, 104819.	1.8	18

#	ARTICLE	IF	CITATIONS
19	Summer night-time temperature trends on the Iberian Peninsula and their connection with large-scale atmospheric circulation patterns. <i>International Journal of Climatology</i> , 2012, 32, 1326-1335.	1.5	14
20	Precipitation in peninsular Spain: Influence of teleconnection indices and spatial regionalisation. <i>International Journal of Climatology</i> , 2021, 41, E1320.	1.5	14
21	The role of the stratosphere in Iberian Peninsula rainfall: A preliminary approach in February. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2007, 69, 1471-1484.	0.6	12
22	A mixed application of an objective synoptic classification and spatial regression models for deriving winter precipitation regimes in the Eastern Pyrenees. <i>International Journal of Climatology</i> , 2019, 39, 2244-2259.	1.5	12
23	Intra-annual variability of the Western Mediterranean Oscillation (WeMO) and occurrence of extreme torrential precipitation in Catalonia (NE-Iberia). <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2483-2501.	1.5	12
24	Seasonal temperature trends on the Spanish mainland: A secular study (1916-2015). <i>International Journal of Climatology</i> , 2021, 41, 3071-3084.	1.5	11
25	Temporal changes in extreme precipitation and exposure of tourism in Eastern and South-Eastern Spain. <i>Theoretical and Applied Climatology</i> , 2021, 144, 379-390.	1.3	8
26	Characterisation of Extreme Precipitation Events in the Pyrenees: From the Local to the Synoptic Scale. <i>Atmosphere</i> , 2021, 12, 665.	1.0	8
27	Assessing internal changes in the future structure of dry-hot compound events: the case of the Pyrenees. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 1721-1738.	1.5	8
28	Climate Change at the Local Scale: Trends, Impacts and Adaptations in a Northwestern Mediterranean Region (Costa Brava, NE Iberian Peninsula). <i>International Journal of Climate Change: Impacts and Responses</i> , 2010, 2, 247-264.	0.1	8
29	Spatial and temporal temperature trends in the lower stratosphere during the extended boreal winter from reanalyses. <i>International Journal of Climatology</i> , 2015, 35, 3888-3901.	1.5	7
30	Global change and viticulture in the Mediterranean region: a case of study in north-eastern Spain. <i>Spanish Journal of Agricultural Research</i> , 2014, 12, 78.	0.3	6
31	Variabilidad intraanual de la Oscilación del Mediterráneo Occidental (WeMO) y ocurrencia de episodios torrenciales en Cataluña. , 2016, , 171-182.		5
32	Synoptic causes of torrential rainfall in South-eastern Spain (1941-2017). <i>Cuadernos De Investigacion Geografica</i> , 2021, 47, 143-162.	0.6	4
33	The consecutive disparity of precipitation in conterminous Spain. <i>Theoretical and Applied Climatology</i> , 2022, 147, 1151-1161.	1.3	4
34	GLOBAL CHANGE INFLUENCE ON WINE QUALITY IN PRIORAT AND MONTSANT (NE SPAIN). <i>Acta Horticulturae</i> , 2012, , 39-46.	0.1	2