Paulo Barbosa

List of Publications by Year
in descending order

30 papers	3,006 citations	430874 18 h-index	526287 27 g-index
31 all docs	31 docs citations	31 times ranked	4418 citing authors

#	Article	IF	Citations
1	Will drought events become more frequent and severe in Europe?. International Journal of Climatology, 2018, 38, 1718-1736.	3.5	553
2	World drought frequency, duration, and severity for 1951-2010. International Journal of Climatology, 2014, 34, 2792-2804.	3.5	500
3	Mapping global patterns of drought risk: An empirical framework based on sub-national estimates of hazard, exposure and vulnerability. Global Environmental Change, 2016, 39, 108-124.	7.8	298
4	The biggest drought events in Europe from 1950 to 2012. Journal of Hydrology: Regional Studies, 2015, 3, 509-524.	2.4	232
5	Future Global Meteorological Drought Hot Spots: A Study Based on CORDEX Data. Journal of Climate, 2020, 33, 3635-3661.	3.2	230
6	A new global database of meteorological drought events from 1951 to 2016. Journal of Hydrology: Regional Studies, 2019, 22, 100593.	2.4	178
7	European drought climatologies and trends based on a multi-indicator approach. Global and Planetary Change, 2015, 127, 50-57.	3.5	154
8	Towards identifying areas at climatological risk of desertification using the KÃ¶ppen-Geiger classification and FAO aridity index. International Journal of Climatology, 2015, 35, 2210-2222.	3.5	140
9	Changes of heating and cooling degreeâ€days in Europe from 1981 to 2100. International Journal of Climatology, 2018, 38, e191.	3.5	123
10	An empirical standardized soil moisture index for agricultural drought assessment from remotely sensed data. International Journal of Applied Earth Observation and Geoinformation, 2016, 48, 74-84.	2.8	110
11	Post-fire vegetation regrowth detection in the Deiva Marina region (Liguria-Italy) using Landsat TM and ETM+ data. Ecological Modelling, 2010, 221, 75-84.	2.5	71
12	Global projections of drought hazard in a warming climate: a prime for disaster risk management. Climate Dynamics, 2018, 50, 2137-2155.	3.8	58
13	A MODIS assessment of the summer 2007 extent burned in Greece. International Journal of Remote Sensing, 2008, 29, 2433-2436.	2.9	57
14	Assessment of drought damages and their uncertainties in Europe. Environmental Research Letters, 2015, 10, 124013.	5.2	49
15	How will the progressive global increase of arid areas affect population and land-use in the 21st century?. Global and Planetary Change, 2021, 205, 103597.	3.5	37
16	A revision of the Combined Drought Indicator (CDI) used in the European Drought Observatory (EDO). Natural Hazards and Earth System Sciences, 2021, 21, 481-495.	3.6	29
17	An Optimized System for the Classification of Meteorological Drought Intensity with Applications in Drought Frequency Analysis. Journal of Applied Meteorology and Climatology, 2014, 53, 1943-1960.	1.5	26
18	Global exposure of population and landâ€use to meteorological droughts under different warming levels and <scp>SSPs</scp>: A <scp>CORDEX</scp>â€based study. International Journal of Climatology, 2021, 41, 6825-6853.	3.5	26

#	Article	IF	Citations
19	The effects of nonâ€stationarity on <scp>SPI</scp> for operational drought monitoring in Europe. International Journal of Climatology, 2022, 42, 3418-3430.	3.5	20
20	Chapter 8 Assessment of Forest Fire Impacts and Emissions in the European Union Based on the European Forest Fire Information System. Developments in Environmental Science, 2008, , 197-208.	0.5	19
21	Cumulative Sum Charts - A Novel Technique for Processing Daily Time Series of MODIS Data for Burnt Area Mapping in Portugal. , 2007, , .		18
22	Testing two different precipitation datasets to compute the standardized precipitation index over the Horn of Africa. International Journal of Remote Sensing, 2011, 32, 5947-5964.	2.9	17
23	Analysing the Relationship between Multiple-Timescale SPI and GRACE Terrestrial Water Storage in the Framework of Drought Monitoring. Water (Switzerland), 2019, 11, 1672.	2.7	16
24	Dynamics of Socioeconomic Exposure, Vulnerability and Impacts of Recent Droughts in Argentina. Geosciences (Switzerland), 2019, 9, 39.	2.2	14
25	An institutional analysis to address climate change adaptation in Tenerife (Canary Islands). Environmental Science and Policy, 2018, 89, 184-191.	4.9	11
26	Seasonal Drought Forecasting for Latin America Using the ECMWF S4 Forecast System. Climate, 2018, 6, 48.	2.8	10
27	Measuring the effectiveness of the Covenant of Mayors on the reporting of climate hazards by Municipalities. Heliyon, 2020, 6, e05043.	3.2	3
28	Water Footprint Expands with Gross Domestic Product. Sustainability, 2020, 12, 8741.	3.2	2
29	Forest fire risk estimation from time series analisys of NOAA NDVI data. , 2004, , .		1
30	Drought Risk Management: Needs and Experiences in Europe. Drought and Water Crises, 2017, , 385-408.	0.1	0