

Brunet-India Manola

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

8,484
citations

27
h-index

51
g-index

51
ext. papers

9,559
ext. citations

4.1
avg, IF

4.71
L-index

#	Paper	IF	Citations
42	The Twentieth Century Reanalysis Project. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011 , 137, 1-28	6.4	2424
41	Global observed changes in daily climate extremes of temperature and precipitation. <i>Journal of Geophysical Research</i> , 2006 , 111,		2250
40	Updated analyses of temperature and precipitation extreme indices since the beginning of the twentieth century: The HadEX2 dataset. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 2098-2118	4.4	791
39	Changes in precipitation and temperature extremes in Central America and northern South America, 1961-2003. <i>Journal of Geophysical Research</i> , 2005 , 110,		362
38	Indices for daily temperature and precipitation extremes in Europe analyzed for the period 1901-2000. <i>Journal of Geophysical Research</i> , 2006 , 111,		293
37	Changes in extreme temperature and precipitation in the Arab region: long-term trends and variability related to ENSO and NAO. <i>International Journal of Climatology</i> , 2014 , 34, 581-592	3.5	225
36	Summer heat waves over western Europe 1880-2003, their relationship to large-scale forcings and predictability. <i>Climate Dynamics</i> , 2007 , 29, 251-275	4.2	222
35	Towards a more reliable historical reanalysis: Improvements for version 3 of the Twentieth Century Reanalysis system. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019 , 145, 2876-2908	6.4	204
34	Changes in temperature and precipitation extremes in western central Africa, Guinea Conakry, and Zimbabwe, 1955-2006. <i>Journal of Geophysical Research</i> , 2009 , 114,		192
33	Warming and wetting signals emerging from analysis of changes in climate extreme indices over South America. <i>Global and Planetary Change</i> , 2013 , 100, 295-307	4.2	170
32	Temporal and spatial temperature variability and change over Spain during 1850-2005. <i>Journal of Geophysical Research</i> , 2007 , 112,		159
31	Changes in North American extremes derived from daily weather data. <i>Journal of Geophysical Research</i> , 2008 , 113,		145
30	Daily Mean Sea Level Pressure Reconstructions for the European-North Atlantic Region for the Period 1850-2003. <i>Journal of Climate</i> , 2006 , 19, 2717-2742	4.4	144
29	The development of a new dataset of Spanish Daily Adjusted Temperature Series (SDATS) (1850-2003). <i>International Journal of Climatology</i> , 2006 , 26, 1777-1802	3.5	115
28	Chapter 1 Mediterranean climate variability over the last centuries: A review. <i>Developments in Earth and Environmental Sciences</i> , 2006 , 4, 27-148		87
27	The International Surface Pressure Databank version 2. <i>Geoscience Data Journal</i> , 2015 , 2, 31-46	2.5	86
26	Trends in frequency indices of daily precipitation over the Iberian Peninsula during the last century. <i>Journal of Geophysical Research</i> , 2011 , 116,		69

25	Data rescue initiatives: bringing historical climate data into the 21st century. <i>Climate Research</i> , 2011 , 47, 29-40	1.6	60
24	Development of an Updated Global Land In Situ-Based Data Set of Temperature and Precipitation Extremes: HadEX3. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD032263	4.4	54
23	Estimating 750 years of temperature variations and uncertainties in the Pyrenees by tree-ring reconstructions and climate simulations. <i>Climate of the Past</i> , 2012 , 8, 919-933	3.9	47
22	Chapter 3 Relations between variability in the Mediterranean region and mid-latitude variability. <i>Developments in Earth and Environmental Sciences</i> , 2006 , 179-226		44
21	The MeteoMet project [metrology for meteorology: challenges and results. <i>Meteorological Applications</i> , 2015 , 22, 820-829	2.1	41
20	WMO World Record Lightning Extremes: Longest Reported Flash Distance and Longest Reported Flash Duration. <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, 1153-1168	6.1	37
19	Unlocking Pre-1850 Instrumental Meteorological Records: A Global Inventory. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, ES389-ES413	6.1	34
18	The minimization of the screen bias from ancient Western Mediterranean air temperature records: an exploratory statistical analysis. <i>International Journal of Climatology</i> , 2011 , 31, 1879-1895	3.5	29
17	A roadmap to climate data rescue services. <i>Geoscience Data Journal</i> , 2018 , 5, 28-39	2.5	29
16	World Meteorological Organization Assessment of the Purported World Record 58°C Temperature Extreme at El Azizia, Libya (13 September 1922). <i>Bulletin of the American Meteorological Society</i> , 2013 , 94, 199-204	6.1	28
15	Temperature extreme records: World Meteorological Organization metrological and meteorological evaluation of the 54.0°C observations in Mitribah, Kuwait and Turbat, Pakistan in 2016/2017. <i>International Journal of Climatology</i> , 2019 , 39, 5154-5169	3.5	20
14	A rescued dataset of sub-daily meteorological observations for Europe and the southern Mediterranean region, 1877-2012. <i>Earth System Science Data</i> , 2018 , 10, 1613-1635	10.5	19
13	Data sources for rescuing the rich heritage of Mediterranean historical surface climate data. <i>Geoscience Data Journal</i> , 2014 , 1, 61-73	2.5	15
12	New World Meteorological Organization Certified Megaflash Lightning Extremes for Flash Distance (709 km) and Duration (16.73 s) Recorded From Space. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088888	4.9	14
11	Benthic foraminifera as indicators of habitat change in anthropogenically impacted coastal wetlands of the Ebro Delta (NE Iberian Peninsula). <i>Marine Pollution Bulletin</i> , 2015 , 101, 163-173	6.7	14
10	A research progress review on regional extreme events. <i>Advances in Climate Change Research</i> , 2018 , 9, 161-169	4.1	14
9	A historical surface climate dataset from station observations in Mediterranean North Africa and Middle East areas. <i>Geoscience Data Journal</i> , 2014 , 1, 121-128	2.5	12
8	Two hundred years of environmental change in Picos de Europa National Park inferred from sediments of Lago Enol, northern Iberia. <i>Journal of Paleolimnology</i> , 2011 , 46, 453-467	2.1	12

7	Traceability of Ground-Based Air-Temperature Measurements: A Case Study on the Meteorological Observatory of Moncalieri (Italy). <i>International Journal of Thermophysics</i> , 2015 , 36, 589-601	2.1	6
6	Efficiency of Time Series Homogenization: Method Comparison with 12 Monthly Temperature Test Datasets. <i>Journal of Climate</i> , 2021 , 34, 2877-2891	4.4	5
5	The Tosontsengel Mongolia world record sea-level pressure extreme: spatial analysis of elevation bias in adjustment-to-sea-level pressures. <i>International Journal of Climatology</i> , 2015 , 35, 2968-2977	3.5	4
4	New WMO Certified Megaflash Lightning Extremes for Flash Distance (768 km) and Duration (17.01 seconds) Recorded from Space. <i>Bulletin of the American Meteorological Society</i> , 2022 ,	6.1	3
3	Evaluating Highest-Temperature Extremes in the Antarctic. <i>Eos</i> , 2017 ,	1.5	2
2	WMO Evaluation of Two Extreme High Temperatures Occurring in February 2020 for the Antarctic Peninsula Region. <i>Bulletin of the American Meteorological Society</i> , 2021 , 1-20	6.1	2
1	WMO evaluation of northern hemispheric coldest temperature: $-89.6\text{ }^{\circ}\text{C}$ at Klinck, Greenland, 22 December 1991. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021 , 147, 21-29	6.4	1