

Albert Klein Tank

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.

46
papers

10,547
citations

30
h-index

46
g-index

46
ext. papers

11,656
ext. citations

4
avg, IF

5.74
L-index

#	Paper	IF	Citations
46	Global observed changes in daily climate extremes of temperature and precipitation. <i>Journal of Geophysical Research</i> , 2006 , 111,		2250
45	A European daily high-resolution gridded data set of surface temperature and precipitation for 1950-2006. <i>Journal of Geophysical Research</i> , 2008 , 113,		1620
44	Daily dataset of 20th-century surface air temperature and precipitation series for the European Climate Assessment. <i>International Journal of Climatology</i> , 2002 , 22, 1441-1453	3.5	1078
43	Indices for monitoring changes in extremes based on daily temperature and precipitation data. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2011 , 2, 851-870	8.4	933
42	Trends in Indices of Daily Temperature and Precipitation Extremes in Europe, 1946-99. <i>Journal of Climate</i> , 2003 , 16, 3665-3680	4.4	829
41	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
40	Homogeneity of 20th century European daily temperature and precipitation series. <i>International Journal of Climatology</i> , 2003 , 23, 679-692	3.5	534
39	Changes in daily temperature and precipitation extremes in central and south Asia. <i>Journal of Geophysical Research</i> , 2006 , 111,		320
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	Updated and extended European dataset of daily climate observations. <i>International Journal of Climatology</i> , 2009 , 29, 1182-1191	3.5	206
36	Indices for extreme events in projections of anthropogenic climate change. <i>Climatic Change</i> , 2008 , 86, 83-104	4.5	189
35	Recent changes in climate extremes in the Caribbean region. <i>Journal of Geophysical Research</i> , 2002 , 107, ACL 16-1-ACL 16-9		188
34	Percentile indices for assessing changes in heavy precipitation events. <i>Climatic Change</i> , 2016 , 137, 201-216	4.5	140
33	A European daily high-resolution observational gridded data set of sea level pressure. <i>Journal of Geophysical Research</i> , 2011 , 116,		103
32	Trends in storminess over the Netherlands, 1962-2002. <i>International Journal of Climatology</i> , 2005 , 25, 1331-1344	3.5	100
31	On the El Niño teleconnection to spring precipitation in Europe. <i>International Journal of Climatology</i> , 2000 , 20, 565-574	3.5	97
30	New climate change scenarios for the Netherlands. <i>Water Science and Technology</i> , 2007 , 56, 27-33	2.2	80

29	Signals of anthropogenic influence on European warming as seen in the trend patterns of daily temperature variance. <i>International Journal of Climatology</i> , 2005 , 25, 1-16	3.5	78
28	The international surface temperature initiative global land surface databank: monthly temperature data release description and methods. <i>Geoscience Data Journal</i> , 2014 , 1, 75-102	2.5	77
27	Trends in European precipitation extremes over 1951-2010. <i>International Journal of Climatology</i> , 2012 , 33, n/a-n/a	3.5	67
26	Guiding the Creation of A Comprehensive Surface Temperature Resource for Twenty-First-Century Climate Science. <i>Bulletin of the American Meteorological Society</i> , 2011 , 92, ES40-ES47	6.1	50
25	West Africa climate extremes and climate change indices. <i>International Journal of Climatology</i> , 2018 , 38, e921-e938	3.5	47
24	A regional peaks-over-threshold model in a nonstationary climate. <i>Water Resources Research</i> , 2012 , 48,	5.4	46
23	Reassessing changes in diurnal temperature range: Intercomparison and evaluation of existing global data set estimates. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 5138-5158	4.4	44
22	Monitoring European average temperature based on the E-OBS gridded data set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 5120-5135	4.4	37
21	Influence of circulation types on temperature extremes in Europe. <i>Theoretical and Applied Climatology</i> , 2010 , 99, 431-439	3	33
20	SA-OBS: A Daily Gridded Surface Temperature and Precipitation Dataset for Southeast Asia. <i>Journal of Climate</i> , 2017 , 30, 5151-5165	4.4	32
19	Reassessing changes in diurnal temperature range: A new data set and characterization of data biases. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 5115-5137	4.4	32
18	The effects of urbanization on the rise of the European temperature since 1960. <i>Geophysical Research Letters</i> , 2014 , 41, 7716-7722	4.9	30
17	Widespread and Accelerated Decrease of Observed Mean and Extreme Snow Depth Over Europe. <i>Geophysical Research Letters</i> , 2018 , 45, 12,312-12,319	4.9	30
16	An Alternative Index for the Contribution of Precipitation on Very Wet Days to the Total Precipitation. <i>Journal of Climate</i> , 2014 , 27, 1365-1378	4.4	27
15	International Climate Assessment & Dataset: Climate Services across Borders. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, 16-21	6.1	22
14	Relationship between sunshine duration and temperature trends across Europe since the second half of the twentieth century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 10,823-10,836	4.4	22
13	Homogenization of daily temperature series in the European Climate Assessment & Dataset. <i>International Journal of Climatology</i> , 2019 , 39, 1243-1261	3.5	22
12	Observed Trends and Variability in Climate Indices Relevant for Crop Yields in Southeast Asia. <i>Journal of Climate</i> , 2016 , 29, 2651-2669	4.4	14

11	Synoptic messages to extend climate data records. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		14
10	Comparison of homogenization methods for daily temperature series against an observation-based benchmark dataset. <i>Theoretical and Applied Climatology</i> , 2020 , 140, 285-301	3	14
9	On tail trend detection: modeling relative risk. <i>Extremes</i> , 2015 , 18, 141-178	0.7	12
8	Preparing local climate change scenarios for the Netherlands using resampling of climate model output. <i>Environmental Research Letters</i> , 2014 , 9, 115008	6.2	10
7	Regression model for generating time series of daily precipitation amounts for climate change impact studies. <i>Stochastic Hydrology & Hydraulics</i> , 1996 , 10, 87-106		10
6	Atmospheric Deposition of Sulfur, Nitrogen and Basic Cations onto European Forests: Observations and Model Calculations 1989 , 103-111		8
5	Quantifying the Effect of Different Urban Planning Strategies on Heat Stress for Current and Future Climates in the Agglomeration of The Hague (The Netherlands). <i>Atmosphere</i> , 2018 , 9, 353	2.7	6
4	Simple Temperature Scenario for a Gulf Stream Induced Climate Change. <i>Climatic Change</i> , 1997 , 37, 505-512	4.5	5
3	Severe wind gust thresholds for Meteoalarm derived from uniform return periods in ECA&D. <i>Natural Hazards and Earth System Sciences</i> , 2012 , 12, 1969-1981	3.9	4
2	Evaluation of trends in extreme temperatures simulated by HighResMIP models across Europe. <i>Climate Dynamics</i> , 2021 , 56, 2389-2412	4.2	2
1	Evaluation of onset, cessation and seasonal precipitation of the Southeast Asia rainy season in CMIP5 regional climate models and HighResMIP global climate models. <i>International Journal of Climatology</i> ,	3.5	1