

Albert Klein Tank

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

13,297
citations

147726

31
h-index

233338

45
g-index

46
all docs

46
docs citations

46
times ranked

11709
citing authors

#	ARTICLE	IF	CITATIONS
1	Global observed changes in daily climate extremes of temperature and precipitation. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	2,884
2	A European daily high-resolution gridded data set of surface temperature and precipitation for 1950-2006. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	1,889
3	Indices for monitoring changes in extremes based on daily temperature and precipitation data. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2011, 2, 851-870.	3.6	1,325
4	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.	1.5	1,318
5	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.	1.2	1,029
6	Trends in Indices of Daily Temperature and Precipitation Extremes in Europe, 1946-99. <i>Journal of Climate</i> , 2003, 16, 3665-3680.	1.2	939
7	Homogeneity of 20th century European daily temperature and precipitation series. <i>International Journal of Climatology</i> , 2003, 23, 679-692.	1.5	693
8	Changes in daily temperature and precipitation extremes in central and south Asia. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	374
9	Indices for daily temperature and precipitation extremes in Europe analyzed for the period 1901-2000. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	347
10	Updated and extended European dataset of daily climate observations. <i>International Journal of Climatology</i> , 2009, 29, 1182-1191.	1.5	250
11	Indices for extreme events in projections of anthropogenic climate change. <i>Climatic Change</i> , 2008, 86, 83-104.	1.7	238
12	Recent changes in climate extremes in the Caribbean region. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 16-1-ACL 16-9.	3.3	230
13	Percentile indices for assessing changes in heavy precipitation events. <i>Climatic Change</i> , 2016, 137, 201-216.	1.7	197
14	Trends in storminess over the Netherlands, 1962-2002. <i>International Journal of Climatology</i> , 2005, 25, 1331-1344.	1.5	122
15	A European daily high-resolution observational gridded data set of sea level pressure. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	117
16	Trends in European precipitation extremes over 1951-2010. <i>International Journal of Climatology</i> , 2013, 33, 2682-2689.	1.5	116
17	On the El Niño/2o teleconnection to spring precipitation in Europe. <i>International Journal of Climatology</i> , 2000, 20, 565-574.	1.5	111
18	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.	1.8	101

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19	New climate change scenarios for the Netherlands. <i>Water Science and Technology</i> , 2007, 56, 27-33.	1.2	88
20	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.	1.5	85
21	West Africa climate extremes and climate change indices. <i>International Journal of Climatology</i> , 2018, 38, e921.	1.5	79
22	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.	1.2	75
23	Widespread and Accelerated Decrease of Observed Mean and Extreme Snow Depth Over Europe. <i>Geophysical Research Letters</i> , 2018, 45, 12,312.	1.5	61
24	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.	1.7	59
25	Monitoring European average temperature based on the Eâ€œOBS gridded data set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5120-5135.	1.2	59
26	A regional peaksâ€œcoverâ€œ threshold model in a nonstationary climate. <i>Water Resources Research</i> , 2012, 48, .	1.7	51
27	SA-OBS: A Daily Gridded Surface Temperature and Precipitation Dataset for Southeast Asia. <i>Journal of Climate</i> , 2017, 30, 5151-5165.	1.2	51
28	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.	1.2	43
29	Homogenization of daily temperature series in the European Climate Assessment & Dataset. <i>International Journal of Climatology</i> , 2019, 39, 1243-1261.	1.5	41
30	The effects of urbanization on the rise of the European temperature since 1960. <i>Geophysical Research Letters</i> , 2014, 41, 7716-7722.	1.5	40
31	Influence of circulation types on temperature extremes in Europe. <i>Theoretical and Applied Climatology</i> , 2010, 99, 431-439.	1.3	37
32	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.	1.2	31
33	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.	1.2	28
34	International Climate Assessment & Dataset: Climate Services across Borders. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 16-21.	1.7	27
35	Comparison of homogenization methods for daily temperature series against an observation-based benchmark dataset. <i>Theoretical and Applied Climatology</i> , 2020, 140, 285-301.	1.3	23
36	Preparing local climate change scenarios for the Netherlands using resampling of climate model output. <i>Environmental Research Letters</i> , 2014, 9, 115008.	2.2	20

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37	Observed Trends and Variability in Climate Indices Relevant for Crop Yields in Southeast Asia. Journal of Climate, 2016, 29, 2651-2669.	1.2	19
38	Synoptic messages to extend climate data records. Journal of Geophysical Research, 2012, 117, .	3.3	17
39	On tail trend detection: modeling relative risk. Extremes, 2015, 18, 141-178.	0.5	17
40	Regression model for generating time series of daily precipitation amounts for climate change impact studies. Stochastic Hydrology & Hydraulics, 1996, 10, 87-106.	0.5	15
41	Quantifying the Effect of Different Urban Planning Strategies on Heat Stress for Current and Future Climates in the Agglomeration of The Hague (The Netherlands). Atmosphere, 2018, 9, 353.	1.0	15
42	Atmospheric Deposition of Sulfur, Nitrogen and Basic Cations onto European Forests: Observations and Model Calculations. , 1989, , 103-111.		9
43	Simple Temperature Scenario for a Gulf Stream Induced Climate Change. Climatic Change, 1997, 37, 505-512.	1.7	8
44	Evaluation of trends in extreme temperatures simulated by HighResMIP models across Europe. Climate Dynamics, 2021, 56, 2389-2412.	1.7	8
45	Severe wind gust thresholds for Meteoalarm derived from uniform return periods in ECA&D. Natural Hazards and Earth System Sciences, 2012, 12, 1969-1981.	1.5	6
46	Evaluation of onset, cessation and seasonal precipitation of the Southeast Asia rainy season in <scp>CMIP5</scp> regional climate models and <scp>HighResMIP</scp> global climate models. International Journal of Climatology, 2022, 42, 3007-3024.	1.5	5