

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	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
2	Evaluation of trends in extreme temperatures simulated by HighResMIP models across Europe. Climate Dynamics, 2021, 56, 2389-2412.	1.7	8
3	Comparison of homogenization methods for daily temperature series against an observation-based benchmark dataset. Theoretical and Applied Climatology, 2020, 140, 285-301.	1.3	23
4	Homogenization of daily temperature series in the European Climate Assessment & Dataset. International Journal of Climatology, 2019, 39, 1243-1261.	1.5	41
5	West Africa climate extremes and climate change indices. International Journal of Climatology, 2018, 38, e921.	1.5	79
6	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
7	Widespread and Accelerated Decrease of Observed Mean and Extreme Snow Depth Over Europe. Geophysical Research Letters, 2018, 45, 12,312.	1.5	61
8	SA-OBS: A Daily Gridded Surface Temperature and Precipitation Dataset for Southeast Asia. Journal of Climate, 2017, 30, 5151-5165.	1.2	51
9	Reassessing changes in diurnal temperature range: A new data set and characterization of data biases. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5115-5137.	1.2	43
10	Reassessing changes in diurnal temperature range: Intercomparison and evaluation of existing global data set estimates. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5138-5158.	1.2	75
11	Percentile indices for assessing changes in heavy precipitation events. Climatic Change, 2016, 137, 201-216.	1.7	197
12	Observed Trends and Variability in Climate Indices Relevant for Crop Yields in Southeast Asia. Journal of Climate, 2016, 29, 2651-2669.	1.2	19
13	Relationship between sunshine duration and temperature trends across Europe since the second half of the twentieth century. Journal of Geophysical Research D: Atmospheres, 2015, 120, 10,823-10,836.	1.2	31
14	On tail trend detection: modeling relative risk. Extremes, 2015, 18, 141-178.	0.5	17
15	International Climate Assessment & Dataset: Climate Services across Borders. Bulletin of the American Meteorological Society, 2015, 96, 16-21.	1.7	27
16	An Alternative Index for the Contribution of Precipitation on Very Wet Days to the Total Precipitation. Journal of Climate, 2014, 27, 1365-1378.	1.2	28
17	The international surface temperature initiative global land surface databank: monthly temperature data release description and methods. Geoscience Data Journal, 2014, 1, 75-102.	1.8	101
18	Preparing local climate change scenarios for the Netherlands using resampling of climate model output. Environmental Research Letters, 2014, 9, 115008.	2.2	20

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19	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
20	Trends in European precipitation extremes over 1951–2010. <i>International Journal of Climatology</i> , 2013, 33, 2682-2689.	1.5	116
21	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
22	Monitoring European average temperature based on the ERA-Interim gridded data set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5120-5135.	1.2	59
23	Synoptic messages to extend climate data records. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
24	A regional peaks-over-threshold model in a nonstationary climate. <i>Water Resources Research</i> , 2012, 48, .	1.7	51
25	Severe wind gust thresholds for Metealarm derived from uniform return periods in ECA&D. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 1969-1981.	1.5	6
26	A European daily high-resolution observational gridded data set of sea level pressure. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	117
27	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
28	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
29	Influence of circulation types on temperature extremes in Europe. <i>Theoretical and Applied Climatology</i> , 2010, 99, 431-439.	1.3	37
30	Updated and extended European dataset of daily climate observations. <i>International Journal of Climatology</i> , 2009, 29, 1182-1191.	1.5	250
31	Indices for extreme events in projections of anthropogenic climate change. <i>Climatic Change</i> , 2008, 86, 83-104.	1.7	238
32	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
33	New climate change scenarios for the Netherlands. <i>Water Science and Technology</i> , 2007, 56, 27-33.	1.2	88
34	Global observed changes in daily climate extremes of temperature and precipitation. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	2,884
35	Changes in daily temperature and precipitation extremes in central and south Asia. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	374
36	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

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37	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
38	Trends in storminess over the Netherlands, 1962-2002. <i>International Journal of Climatology</i> , 2005, 25, 1331-1344.	1.5	122
39	Homogeneity of 20th century European daily temperature and precipitation series. <i>International Journal of Climatology</i> , 2003, 23, 679-692.	1.5	693
40	Trends in Indices of Daily Temperature and Precipitation Extremes in Europe, 1946-1999. <i>Journal of Climate</i> , 2003, 16, 3665-3680.	1.2	939
41	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
42	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
43	On the El Niño/2o teleconnection to spring precipitation in Europe. <i>International Journal of Climatology</i> , 2000, 20, 565-574.	1.5	111
44	Simple Temperature Scenario for a Gulf Stream Induced Climate Change. <i>Climatic Change</i> , 1997, 37, 505-512.	1.7	8
45	Regression model for generating time series of daily precipitation amounts for climate change impact studies. <i>Stochastic Hydrology & Hydraulics</i> , 1996, 10, 87-106.	0.5	15
46	Atmospheric Deposition of Sulfur, Nitrogen and Basic Cations onto European Forests: Observations and Model Calculations. , 1989, , 103-111.		9