Frank Kaspar

List of Publications by Year in descending order

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FDANK KASDAD

#	Article	IF	CITATIONS
1	Surface wind over Europe: Data and variability. International Journal of Climatology, 2023, 43, 134-156.	3.5	2
2	Contributions to the Improvement of Climate Data Availability and Quality for Sub-Saharan Africa. Frontiers in Climate, 2022, 3, .	2.8	5
3	Climatological analysis of solar and wind energy in Germany using the Grosswetterlagen classification. Renewable Energy, 2021, 164, 1254-1266.	8.9	47
4	Analyzing the impact of automatization using parallel daily mean temperature series including breakpoint detection and homogenization. International Journal of Climatology, 2020, 40, 6544-6559.	3.5	2
5	Added value of regional reanalyses for climatological applications. Environmental Research Communications, 2019, 1, 071004.	2.3	35
6	Evaluating renewable-energy-relevant parameters of COSMO-REA6 by comparison with satellite data, station observations and other reanalyses. Meteorologische Zeitschrift, 2019, 28, 347-360.	1.0	14
7	Pan European Phenological database (PEP725): a single point of access for European data. International Journal of Biometeorology, 2018, 62, 1109-1113.	3.0	146
8	Evaluation of global horizontal irradiance estimates from ERA5 and COSMO-REA6 reanalyses using ground and satellite-based data. Solar Energy, 2018, 164, 339-354.	6.1	245
9	An Overview of European Efforts in Generating Climate Data Records. Bulletin of the American Meteorological Society, 2018, 99, 349-359.	3.3	26
10	Editorial: Special issue on the "10.ÂDeutsche Klimatagung―(10thÂGerman Climate Conference), 21.–24.ÂSeptember 2015, Hamburg. Meteorologische Zeitschrift, 2018, 27, 87-88.	1.0	0
11	Cooperation of meteorological services within SASSCAL on improving the management of observed climate data. Biodiversity and Ecology = Biodiversitat Und Okologie, 2018, 6, 22-29.	0.3	3
12	SASSCAL WeatherNet: present state, challenges, and achievements of the regional climatic observation network and database. Biodiversity and Ecology = Biodiversitat Und Okologie, 2018, 6, 34-43.	0.3	11
13	Worldwide Survey of Awareness and Needs Concerning Reanalyses and Respondents Views on Climate Services. Bulletin of the American Meteorological Society, 2016, 97, 1461-1473.	3.3	23
14	MiKlip: A National Research Project on Decadal Climate Prediction. Bulletin of the American Meteorological Society, 2016, 97, 2379-2394.	3.3	78
15	What's on the 5th IPCC Report for West Africa?. , 2016, , 7-23.		18
16	Verification and process oriented validation of the MiKlip decadal prediction system. Meteorologische Zeitschrift, 2016, 25, 629-630.	1.0	3
17	Analysis of current validation practices in Europe for space-based climate data records of essential climate variables. International Journal of Applied Earth Observation and Geoinformation, 2015, 42, 150-161.	2.8	35
18	The SASSCAL contribution to climate observation, climate data management and data rescue in Southern Africa. Advances in Science and Research, 2015, 12, 171-177.	1.0	22

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19	Comparison of regional and global reanalysis near-surface winds with station observations over Germany. Advances in Science and Research, 2015, 12, 187-198.	1.0	39
20	Methodologies to characterize uncertainties in regional reanalyses. Advances in Science and Research, 2015, 12, 207-218.	1.0	15
21	Data rescue of national and international meteorological observations at Deutscher Wetterdienst. Advances in Science and Research, 2015, 12, 57-61.	1.0	23
22	User awareness concerning feedback data and input observations used in reanalysis systems. Advances in Science and Research, 2015, 12, 63-67.	1.0	9
23	An overview of the phenological observation network and the phenological database of Germany's national meteorological service (Deutscher Wetterdienst). Advances in Science and Research, 2014, 11, 93-99.	1.0	50
24	A regional climate model study of the impact of tectonic and orbital forcing on African precipitation and vegetation. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 369, 154-162.	2.3	35
25	CLARA-A1: a cloud, albedo, and radiation dataset from 28 yr of global AVHRR data. Atmospheric Chemistry and Physics, 2013, 13, 5351-5367.	4.9	122
26	CLARA-SAL: a global 28 yr timeseries of Earth's black-sky surface albedo. Atmospheric Chemistry and Physics, 2013, 13, 3743-3762.	4.9	146
27	Importance of precipitation seasonality for the interpretation of Eemian ice core isotope records from Greenland. Climate of the Past, 2013, 9, 1589-1600.	3.4	10
28	Monitoring of climate change in Germany – data, products and services of Germany's National Climate Data Centre. Advances in Science and Research, 2013, 10, 99-106.	1.0	72
29	Comparison of 20th century and pre-industrial climate over South America in regional model simulations. Climate of the Past, 2012, 8, 1599-1620.	3.4	6
30	Significant contribution of insolation to Eemian melting of the Greenland ice sheet. Nature Geoscience, 2011, 4, 679-683.	12.9	94
31	Impacts of tectonic and orbital forcing on East African climate: a comparison based on global climate model simulations. International Journal of Earth Sciences, 2010, 99, 1677-1686.	1.8	11
32	Operational generation of AVHRR-based cloud products for Europe and the Arctic at EUMETSAT's Satellite Application Facility on Climate Monitoring (CM-SAF). Advances in Science and Research, 2009, 3, 45-51.	1.0	5
33	Simulation of East African precipitation patterns with the regional climate model CLM. Meteorologische Zeitschrift, 2008, 17, 511-517.	1.0	22
34	40. Chronology and climate forcing of the last four interglacials. Developments in Quaternary Sciences, 2007, 7, 597-614.	0.1	2
35	33. Simulations of the Eemian interglacial and the subsequent glacial inception with a coupled ocean-atmosphere general circulation model. Developments in Quaternary Sciences, 2007, , 499-515.	0.1	15
36	Simulation of the Eemian interglacial and possible mechanisms for the glacial inception. , 2007, , .		2

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37	2. Insolation during interglacial. Developments in Quaternary Sciences, 2007, 7, 13-27.	0.1	13
38	Northern hemisphere winter storm tracks of the Eemian interglacial and the last glacial inception. Climate of the Past, 2007, 3, 181-192.	3.4	39
39	Simulation of the role of solar and orbital forcing on climate. Advances in Space Research, 2006, 37, 1629-1634.	2.6	20
40	Estimating the Impact of Global Change on Flood and Drought Risks in Europe: A Continental, Integrated Analysis. Climatic Change, 2006, 75, 273-299.	3.6	670
41	Simulated Relationships between Regional Temperatures and Large-Scale Circulation: 125 kyr BP (Eemian) and the Preindustrial Period. Journal of Climate, 2005, 18, 4032-4045.	3.2	22
42	A model-data comparison of European temperatures in the Eemian interglacial. Geophysical Research Letters, 2005, 32, .	4.0	119
43	Climate Impact Response Functions as Impact Tools in the Tolerable Windows Approach. Climatic Change, 2003, 56, 91-117.	3.6	30
44	A global hydrological model for deriving water availability indicators: model tuning and validation. Journal of Hydrology, 2003, 270, 105-134.	5.4	911
45	Global estimates of water withdrawals and availability under current and future "business-as-usual― conditions. Hydrological Sciences Journal, 2003, 48, 339-348.	2.6	353
46	Development and testing of the WaterGAP 2 global model of water use and availability. Hydrological Sciences Journal, 2003, 48, 317-337.	2.6	663
47	The GLASS model: a strategy for quantifying global environmental security. Environmental Science and Policy, 2001, 4, 1-12.	4.9	16
48	Wind speed variability between 10 and 116â€ [–] m height from the regional reanalysis COSMO-REA6 compared to wind mast measurements over Northern Germany andÂtheÂNetherlands. Advances in Science and Research, 0, 13, 151-161.	1.0	27
49	Climate reference stations in Germany: Status,ÂparallelÂmeasurementsÂand homogeneityÂofÂtemperatureÂtimeÂseries. Advances in Science and Research, 0, 13, 163-171.	1.0	9
50	Improving the climate data management in the meteorological service of Angola: experience from SASSCAL. Advances in Science and Research, 0, 13, 97-105.	1.0	4
51	Evaluation of gridding procedures for air temperature over Southern Africa. Advances in Science and Research, 0, 14, 163-173.	1.0	2
52	A climatological assessment of balancing effects and shortfall risks of photovoltaics and wind energy in Germany and Europe. Advances in Science and Research, 0, 16, 119-128.	1.0	15
53	Comparison of manual and automatic daily sunshine duration measurements at German climate reference stations. Advances in Science and Research, 0, 16, 175-183.	1.0	7
54	Interactive open access to climate observations from Germany. Advances in Science and Research, 0, 16, 75-83.	1.0	5

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55	Regional atmospheric reanalysis activities at Deutscher Wetterdienst: review of evaluation results and application examples with a focus on renewable energy. Advances in Science and Research, 0, 17, 115-128.	1.0	26
56	FAIR: a project to realize a user-friendly exchange of open weather data. Advances in Science and Research, 0, 17, 183-190.	1.0	3