

Hans von Storch

List of Publications by Year in descending order

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Version: 2024-02-01

240
papers

15,823
citations

22132

59
h-index

24961

109
g-index

279
all docs

279
docs citations

279
times ranked

11705
citing authors

#	ARTICLE	IF	CITATIONS
1	Perceptions of an endangered Baltic Sea. <i>Oceanologia</i> , 2023, 65, 44-49.	1.1	3
2	Statistical downscaling of monthly mean North Atlantic air-pressure to sea level anomalies in the Baltic Sea. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 48, 312.	0.8	67
3	A comparison of two identification and tracking methods for polar lows. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 64, 17196.	0.8	30
4	Editorial: Future Climate Scenarios: Regional Climate Modelling and Data Analysis. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0
5	The effect of tides on internal variability in the Bohai and Yellow Sea. <i>Dynamics of Atmospheres and Oceans</i> , 2022, 98, 101301.	0.7	3
6	German Bight storm activity, 1897â€”2018. <i>International Journal of Climatology</i> , 2021, 41, E2159.	1.5	7
7	Limits of reproducibility and hydrodynamic noise in atmospheric regional modelling. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	10
8	Revisiting Hansen & Suteraâ€™s suggestion of bimodality in the Northern Hemisphere midlatitude circulation. <i>Dynamics of Atmospheres and Oceans</i> , 2021, 95, 101241.	0.7	0
9	Chinese lockdown as aerosol reduction experiment. <i>Advances in Climate Change Research</i> , 2021, 12, 677-685.	2.1	1
10	Editorial: Modelling, Simulating and Forecasting Regional Climate and Weather. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	0
11	Global Energy Supply and Emissions. <i>Wissenschaftsethik Und Technikfolgenbeurteilung</i> , 2020, , .	0.8	1
12	Atmospherically Forced Regional Ocean Simulations of the South China Sea: Scale Dependency of the Signal-to-Noise Ratio. <i>Journal of Physical Oceanography</i> , 2020, 50, 133-144.	0.7	6
13	Temporal and spatial statistics of travelling eddy variability in the South China Sea. <i>Ocean Dynamics</i> , 2019, 69, 879-898.	0.9	8
14	â€œNoiseâ€ in climatologically driven ocean models with different grid resolution. <i>Oceanologia</i> , 2019, 61, 300-307.	1.1	10
15	Attitudes of young scholars in Qingdao and Hamburg about climate change and climate policy â€” The role of culture for the explanation of differences. <i>Advances in Climate Change Research</i> , 2019, 10, 158-164.	2.1	13
16	The History of Ideas of Downscalingâ€”From Synoptic Dynamics and Spatial Interpolation. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	11
17	Testing the validity of regional detail in global analyses of sea surface temperature â€” the case of Chinese coastal waters. <i>Ocean Science</i> , 2019, 15, 1455-1467.	1.3	3
18	A Very Blind Spot. <i>Society</i> , 2019, 56, 611-612.	0.7	0

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19	Observed warming over northern South America has an anthropogenic origin. <i>Climate Dynamics</i> , 2018, 51, 1901-1914.	1.7	19
20	Low-level Jets Over the Bohai Sea and Yellow Sea: Climatology, Variability, and the Relationship With Regional Atmospheric Circulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5240-5260.	1.2	14
21	The Concept of Large-scale Conditioning of Climate Model Simulations of Atmospheric Coastal Dynamics: Current State and Perspectives. <i>Atmosphere</i> , 2018, 9, 337.	1.0	3
22	Simultaneous Regional Detection of Land-use Changes and Elevated GHG Levels: The Case of Spring Precipitation in Tropical South America. <i>Geophysical Research Letters</i> , 2018, 45, 6262-6271.	1.5	16
23	Social Science: A Must for Climate Research. <i>Pioneers in Arts, Humanities, Science, Engineering, Practice</i> , 2018, , 107-114.	0.1	0
24	Einleitung und Zusammenfassung. , 2018, , 1-11.		1
25	Construction of a surface air temperature series for Qingdao in China for the period 1899 to 2014. <i>Earth System Science Data</i> , 2018, 10, 643-652.	3.7	4
26	The Normative Orientations of Climate Scientists. <i>Science and Engineering Ethics</i> , 2017, 23, 1351-1367.	1.7	11
27	Optimal Spectral Nudging for Global Dynamic Downscaling. <i>Monthly Weather Review</i> , 2017, 145, 909-927.	0.5	25
28	Detectable Anthropogenic Shift toward Heavy Precipitation over Eastern China. <i>Journal of Climate</i> , 2017, 30, 1381-1396.	1.2	80
29	Toward downscaling oceanic hydrodynamics – suitability of a high-resolution OGCM for describing regional ocean variability in the South China Sea. <i>Oceanologia</i> , 2017, 59, 166-176.	1.1	5
30	Does Spectral Nudging Have an Effect on Dynamical Downscaling Applied in Small Regional Model Domains?. <i>Monthly Weather Review</i> , 2017, 145, 4303-4311.	0.5	13
31	Regional reanalysis without local data: Exploiting the downscaling paradigm. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8631-8649.	1.2	14
32	Regional decision-makers as potential users of Extreme Weather Event Attribution - Case studies from the German Baltic Sea coast and the Greater Paris area. <i>Weather and Climate Extremes</i> , 2017, 18, 1-7.	1.6	9
33	The Challenge of Baltic Sea Level Change. <i>Coastal Research Library</i> , 2017, , 37-54.	0.2	5
34	Models, manifestation and attribution of climate change. <i>Meteorology Hydrology and Water Management</i> , 2017, 5, 47-52.	0.4	2
35	Testing Reanalyses in Constraining Dynamical Downscaling. <i>Journal of the Meteorological Society of Japan</i> , 2016, 94A, 47-68.	0.7	11
36	Focus on climate projections for adaptation strategies. <i>Environmental Research Letters</i> , 2016, 11, 010201.	2.2	0

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37	An attempt to deconstruct recent climate change in the Baltic Sea basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,207.	1.2	11
38	Signal Stations: Newly Digitized Historical Climate Data of the German Bight and the Southern Baltic Sea Coast. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016, 33, 2735-2741.	0.5	2
39	Changes of storm surges in the Bohai Sea derived from a numerical model simulation, 1961â€“2006. <i>Ocean Dynamics</i> , 2016, 66, 1301-1315.	0.9	11
40	Highâ€“resolution wind hindcast over the Bohai Sea and the Yellow Sea in East Asia: Evaluation and wind climatology analysis. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 111-129.	1.2	18
41	Attribution of extreme weather and climateâ€“related events. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2016, 7, 23-41.	3.6	437
42	Reconsidering the Quality and Utility of Downscaling. <i>Journal of the Meteorological Society of Japan</i> , 2016, 94A, 31-45.	0.7	34
43	A study of quasi-millennial extratropical winter cyclone activity over the Southern Hemisphere. <i>Climate Dynamics</i> , 2016, 47, 2121-2138.	1.7	9
44	Title is missing!. , 2016, , .		0
45	Assessing changes in extreme sea levels along the coast of C hina. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 8039-8051.	1.0	30
46	Hurricane Gonzalo and its Extratropical Transition to a Strong European Storm. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, S51-S55.	1.7	11
47	Drivers of the 2013/14 winter floods in the UK. <i>Nature Climate Change</i> , 2015, 5, 490-491.	8.1	19
48	Storm Surge Case Studies. , 2015, , 181-196.		4
49	Making coastal research useful â€“ cases from practice. <i>Oceanologia</i> , 2015, 57, 3-16.	1.1	21
50	Visiting artist researchers as therapists for climate scientists. <i>Journal of Science Communication</i> , 2015, 14, C05.	0.4	4
51	Hurricane Gonzalo and its Extratropical Transition to a Strong European Storm. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, S51-S55.	1.7	0
52	A long-term climatology of medicanes. <i>Climate Dynamics</i> , 2014, 43, 1183-1195.	1.7	111
53	Comment on â€œTrends and low frequency variability of extra-tropical cyclone activity in the ensemble of twentieth century reanalysisâ€“by Xiaolan L. Wang, Y. Feng, G. P. Compo, V. R. Swail, F. W. Zwiers, R. J. Allan, and P. D. Sardeshmukh, <i>Climate Dynamics</i> , 2012. <i>Climate Dynamics</i> , 2014, 42, 1127-1128.	1.7	17
54	Mediterranean Tropical-Like Cyclones in Present and Future Climate. <i>Journal of Climate</i> , 2014, 27, 7493-7501.	1.2	81

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55	Polar Low genesis over the North Pacific under different global warming scenarios. <i>Climate Dynamics</i> , 2014, 43, 3449-3456.	1.7	7
56	Storm Surges: Phenomena, Forecasting and Scenarios of Change. <i>Procedia IUTAM</i> , 2014, 10, 356-362.	1.2	9
57	Observations: Ocean Pages. , 2014, , 255-316.		113
58	Detection and Attribution. <i>Advances in Global Change Research</i> , 2013, , 157-186.	1.6	4
59	The expectation of future precipitation change over the Mediterranean region is different from what we observe. <i>Climate Dynamics</i> , 2013, 40, 225-244.	1.7	53
60	Quasi-stationarity of centennial Northern Hemisphere midlatitude winter storm tracks. <i>Climate Dynamics</i> , 2013, 41, 901-916.	1.7	8
61	Testing ensembles of climate change scenarios for "statistical significance". <i>Climatic Change</i> , 2013, 117, 1-9.	1.7	44
62	Trends and Variability of North Pacific Polar Lows. <i>Advances in Meteorology</i> , 2013, 2013, 1-11.	0.6	16
63	Is there memory in precipitation?. <i>Nature Climate Change</i> , 2013, 3, 174-175.	8.1	70
64	Toward a Multi-Decadal Climatology of North Pacific Polar Lows Employing Dynamical Downscaling. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2012, 23, 291.	0.3	6
65	The Informational Value of Pressure-Based Single-Station Proxies for Storm Activity. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 569-580.	0.5	10
66	Post-Normal Climate Science. <i>Nature and Culture</i> , 2012, 7, 121-132.	0.3	16
67	Post-Normal Practices Between Regional Climate Services and Local Knowledge. <i>Nature and Culture</i> , 2012, 7, 213-230.	0.3	41
68	Complexity and Extreme Events in Geosciences: An Overview. <i>Geophysical Monograph Series</i> , 2012, , 1-16.	0.1	9
69	The simulation of medicanes in a high-resolution regional climate model. <i>Climate Dynamics</i> , 2012, 39, 2273-2290.	1.7	47
70	Storminess in northern Italy and the Adriatic Sea reaching back to 1760. <i>Physics and Chemistry of the Earth</i> , 2012, 40-41, 80-85.	1.2	6
71	Usability of Best Track Data in Climate Statistics in the Western North Pacific. <i>Monthly Weather Review</i> , 2012, 140, 2818-2830.	0.5	44
72	Climate science in a postnormal context. <i>Eos</i> , 2012, 93, 108-108.	0.1	1

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73	Strategies to deliver information on regional climate changes to communities. <i>Eos</i> , 2012, 93, 220-220.	0.1	0
74	Anthropogenic forcing is a plausible explanation for the observed surface specific humidity trends over the Mediterranean area. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	7
75	Changing North Sea storm surge climate: An increasing hazard?. <i>Ocean and Coastal Management</i> , 2012, 68, 58-68.	2.0	89
76	Investigation of Past and Future Polar Low Frequency in the North Atlantic. <i>Geophysical Monograph Series</i> , 2012, , 99-110.	0.1	0
77	Consistency of observed near surface temperature trends with climate change projections over the Mediterranean region. <i>Climate Dynamics</i> , 2012, 38, 1695-1702.	1.7	27
78	Between hype and decline: recent trends in public perception of climate change. <i>Environmental Science and Policy</i> , 2012, 18, 3-8.	2.4	92
79	<i>Sustainable Climate Science.</i> , 2012, , 201-209.		4
80	<i>The Physical Sciences and Climate Politics.</i> , 2011, , .		3
81	Exploring high-end scenarios for local sea level rise to develop flood protection strategies for a low-lying delta—the Netherlands as an example. <i>Climatic Change</i> , 2011, 109, 617-645.	1.7	166
82	BALTEX—an interdisciplinary research network for the Baltic Sea region. <i>Environmental Research Letters</i> , 2011, 6, 045205.	2.2	17
83	Regional Climate Models Add Value to Global Model Data: A Review and Selected Examples. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 1181-1192.	1.7	397
84	Evaluation of an Air Pressure-Based Proxy for Storm Activity. <i>Journal of Climate</i> , 2011, 24, 2612-2619.	1.2	25
85	DOWNSCALING TROPICAL CYCLONES FROM GLOBAL RE-ANALYSIS AND SCENARIOS: STATISTICS OF MULTI-DECADAL VARIABILITY OF TC ACTIVITY IN E ASIA. <i>Coastal Engineering Proceedings</i> , 2011, 1, 17.	0.1	1
86	Curbing the Omnipresence of Lead in the European Environment Since the 1970s: A Successful Example of Efficient Environmental Policy. , 2011, , 57-67.		0
87	Against politicization of science. <i>Poiesis & Praxis</i> , 2010, 7, 211-219.	0.3	3
88	Climate models and modeling: an editorial essay. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2010, 1, 305-310.	3.6	7
89	Decreased frequency of North Atlantic polar lows associated with future climate warming. <i>Nature</i> , 2010, 467, 309-312.	13.7	101
90	Climate e-mails: man's mark is clear in thermometer record. <i>Nature</i> , 2010, 463, 25-25.	13.7	0

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91	Marine Climate and Climate Change. , 2010, , .		40
92	Climate and climate variability. , 2010, , 1-25.		1
93	Marine weather phenomena. , 2010, , 27-76.		1
94	Past and future changes in wind, wave, and storm surge climates. , 2010, , 165-203.		8
95	How to determine long-term changes in marine climate. , 2010, , 113-163.		0
96	Models for the marine environment. , 2010, , 77-111.		0
97	Regional Meteorologicalâ€“Marine Reanalyses and Climate Change Projections. Bulletin of the American Meteorological Society, 2009, 90, 849-860.	1.7	98
98	Assessment of three temperature reconstruction methods in the virtual reality of a climate simulation. International Journal of Earth Sciences, 2009, 98, 67-82.	0.9	40
99	Climate Protection. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2009, 4, 56-60.	0.5	2
100	Climate research and policy advice: scientific and cultural constructions of knowledge. Environmental Science and Policy, 2009, 12, 741-747.	2.4	34
101	On adaptation â€“ a secondary concern?. European Physical Journal: Special Topics, 2009, 176, 13-20.	1.2	0
102	Testing empirical relationships between global sea-level and global temperature in long climate model simulations. IOP Conference Series: Earth and Environmental Science, 2009, 6, 352007.	0.2	0
103	Storm surges: perspectives and options. Sustainability Science, 2008, 3, 33-43.	2.5	90
104	Relationship between global mean sea-level and global mean temperature in a climate simulation of the past millennium. Ocean Dynamics, 2008, 58, 227-236.	0.9	36
105	A statistical analysis of climate variability and ecosystem response in the German Bight. Ocean Dynamics, 2008, 58, 169-186.	0.9	37
106	Influence of similarity measures on the performance of the analog method for downscaling daily precipitation. Climate Dynamics, 2008, 30, 133-144.	1.7	45
107	European storminess: late nineteenth century to present. Climate Dynamics, 2008, 31, 125-130.	1.7	128
108	Consistency of observed winter precipitation trends in northern Europe with regional climate change projections. Climate Dynamics, 2008, 31, 17-28.	1.7	58

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109	Storm surges – An option for Hamburg, Germany, to mitigate expected future aggravation of risk. <i>Environmental Science and Policy</i> , 2008, 11, 735-742.	2.4	39
110	Climate mode simulation of North Atlantic polar lows in a limited area model. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2008, 60, 620-631.	0.8	30
111	Regional climate offices and regional assessment reports needed. <i>Nature Geoscience</i> , 2008, 1, 78-78.	5.4	9
112	Long-term memory in 1000-year simulated temperature records. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	87
113	Dynamical downscaling: Assessment of model system dependent retained and added variability for two different regional climate models. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	117
114	Climate Change Assessment for the Baltic Sea Basin. <i>Eos</i> , 2008, 89, 161-162.	0.1	2
115	A long-term climatology of North Atlantic polar lows. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	76
116	How unusual is the recent series of warm years?. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	35
117	A Dynamical Downscaling Case Study for Typhoons in Southeast Asia Using a Regional Climate Model. <i>Monthly Weather Review</i> , 2008, 136, 1806-1815.	0.5	59
118	Detecting anthropogenic effects in the observational evidence of climate change. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2008, 87, 217-217.	0.6	1
119	Regional modelling of the western Pacific typhoon season 2004. <i>Meteorologische Zeitschrift</i> , 2008, 17, 519-528.	0.5	21
120	Tracking Polar Lows in CLM. <i>Meteorologische Zeitschrift</i> , 2008, 17, 445-453.	0.5	32
121	Anpassung und Vermeidung oder von der Illusion der Differenz. <i>Gaia</i> , 2008, 17, 270-273.	0.3	4
122	Curbing the Omnipresence of Lead in the European Environment Since the 1970s – a Successful Example of Efficient Environmental Policy. <i>GKSS School of Environmental Research</i> , 2008, , 53-64.	0.0	0
123	Comments on “Testing the Fidelity of Methods Used in Proxy-Based Reconstructions of Past Climate”. <i>Journal of Climate</i> , 2007, 20, 3693-3698.	1.2	33
124	Societal Adaptation to Decadal Climate Variability in the United States. <i>Eos</i> , 2007, 88, 444.	0.1	0
125	A dynamical link between the Arctic and the global climate system. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	71
126	Simulation and inversion of borehole temperature profiles in surrogate climates: Spatial distribution and surface coupling. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	1.5	112

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127	Long-term persistence in climate and the detection problem. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	119
128	The Impact of Spectral Nudging on Cloud Simulation with a Regional Atmospheric Model. <i>Journal of Atmospheric and Oceanic Technology</i> , 2006, 23, 815-824.	0.5	12
129	THE CRCES WORKSHOP ON DECADEAL CLIMATE VARIABILITY. <i>Bulletin of the American Meteorological Society</i> , 2006, 87, 1223-1226.	1.7	1
130	Anthropogenic climate change: a reason for concern since the 18th century and earlier. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2006, 88, 107-113.	0.6	15
131	Simulation of the role of solar and orbital forcing on climate. <i>Advances in Space Research</i> , 2006, 37, 1629-1634.	1.2	20
132	Climate change and North Sea storm surge extremes: an ensemble study of storm surge extremes expected in a changed climate projected by four different regional climate models. <i>Ocean Dynamics</i> , 2006, 56, 3-15.	0.9	179
133	A Spatial Two-Dimensional Discrete Filter for Limited-Area-Model Evaluation Purposes. <i>Monthly Weather Review</i> , 2005, 133, 1774-1786.	0.5	38
134	Modelling the variability of midlatitude storm activity on decadal to century time scales. <i>Climate Dynamics</i> , 2005, 25, 461-476.	1.7	70
135	Historical Climatology In Europe – The State Of The Art. <i>Climatic Change</i> , 2005, 70, 363-430.	1.7	549
136	BOOK REVIEW An Introduction to Three-Dimensional Climate Modeling, Second Edition. <i>Oceanography</i> , 2005, 18, 82-83.	0.5	0
137	Northeast Atlantic and North Sea Storminess as Simulated by a Regional Climate Model during 1958–2001 and Comparison with Observations. <i>Journal of Climate</i> , 2005, 18, 465-479.	1.2	110
138	Natural and anthropogenic modes of surface temperature variations in the last thousand years. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	88
139	Comment on “Hockey sticks, principal components, and spurious significance” by S. McIntyre and R. McKittrick. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	17
140	Climate evolution in the last five centuries simulated by an atmosphere-ocean model: global temperatures, the North Atlantic Oscillation and the Late Maunder Minimum. <i>Meteorologische Zeitschrift</i> , 2004, 13, 271-289.	0.5	91
141	On the role of statistics in climate research. <i>International Journal of Climatology</i> , 2004, 24, 665-680.	1.5	63
142	Reconstructing Past Climate from Noisy Data. <i>Science</i> , 2004, 306, 679-682.	6.0	385
143	Scandinavian storminess since about 1800. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	104
144	A validation of the cloud parameterization in the regional model SN-REMO. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	12

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145	What do accumulation records of single ice cores in Greenland represent?. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	15
146	Downscaling of GCM scenarios to assess precipitation changes in the little rainy season (March-June) in Cameroon. Climate Research, 2004, 26, 85-96.	0.4	44
147	Controlling Lead Concentrations in Human Blood by Regulating the Use of Lead in Gasoline. Ambio, 2004, 33, 126-132.	2.8	8
148	Computer Modelling in Atmospheric and Oceanic Sciences. , 2004, , .		28
149	Controlling lead concentrations in human blood by regulating the use of lead in gasoline. Ambio, 2004, 33, 126-32.	2.8	2
150	Four decades of gasoline lead emissions and control policies in Europe: a retrospective assessment. Science of the Total Environment, 2003, 311, 151-176.	3.9	140
151	Comment on "Improved global maps and 54-year history of wind-work on ocean inertial motions" by M. H. Alford. Geophysical Research Letters, 2003, 30, .	1.5	5
152	Deep soil temperature as proxy for surface air-temperature in a coupled model simulation of the last thousand years. Geophysical Research Letters, 2003, 30, .	1.5	177
153	Conditional stochastic model for generating daily precipitation time series. Climate Research, 2003, 24, 181-195.	0.4	17
154	Reassessing past European gasoline lead policies. Eos, 2002, 83, 393.	0.1	10
155	Climate and Human Induced Impacts on the Coastal Zone of the Southern North Sea. , 2002, , 473-486.		1
156	Construction of consistent ice core accumulation time series from large-scale meteorological data: development and description of a regression model for one North Greenland ice core. Climate Research, 2002, 20, 141-151.	0.4	5
157	Micro/Macro and Soft/Hard: Diverging and Converging Issues in the Physical and Social Sciences. Integrated Assessment: an International Journal, 2002, 3, 115-121.	0.8	0
158	Strides made in reconstructing past weather and climate. Eos, 2001, 82, 248-248.	0.1	12
159	Multi-decadal atmospheric modeling for Europe yields multi-purpose data. Eos, 2001, 82, 305-305.	0.1	105
160	Reconstructing late Holocene climate. Eos, 2001, 82, 553-553.	0.1	4
161	Data Assimilation and Geostatistics in Ecological Modeling. Quantitative Geology and Geostatistics, 2001, , 501-502.	0.1	0
162	Noise in the Climate System " Ubiquitous, Constitutive and Concealing. , 2001, , 1179-1194.		12

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163	Models between Academia and Applications. Zeitschrift Für Europäisches Unternehmens- Und Verbraucherrecht, 2001, , 17-33.	0.2	5
164	Anthropogenic climate change shown by local wave conditions in the North Sea. Climate Research, 2001, 19, 15-23.	0.4	10
165	Statistics of "Synoptic Circulation Weather" in the North Sea as Derived from a Multiannual OGCM Simulation. Journal of Physical Oceanography, 2000, 30, 3039-3049.	0.7	15
166	Sensitivity of a Regional Atmospheric Model to a Sea State-Dependent Roughness and the Need for Ensemble Calculations. Monthly Weather Review, 2000, 128, 3631-3642.	0.5	57
167	Climate change in perspective. Nature, 2000, 405, 615-615.	13.7	53
168	Climate Simulation for 125 kyr BP with a Coupled Ocean-Atmosphere General Circulation Model. Journal of Climate, 2000, 13, 1057-1072.	1.2	72
169	A Spectral Nudging Technique for Dynamical Downscaling Purposes. Monthly Weather Review, 2000, 128, 3664-3673.	0.5	682
170	Von der Macht des Klimas: Ist der Klimadeterminismus nur noch Ideengeschichte oder relevanter Faktor gegenwärtiger Klimapolitik?. Gaia, 2000, 9, 187-195.	0.3	8
171	Eduard Brückner's Ideas " Relevant in His Time and Today. , 2000, , 1-24.		0
172	Climate Science: An Empirical Example of Postnormal Science. Bulletin of the American Meteorological Society, 1999, 80, 439-455.	1.7	58
173	Storm-related sea level variations along the North Sea coast: natural variability and anthropogenic change. Continental Shelf Research, 1999, 19, 821-842.	0.9	81
174	Misuses of Statistical Analysis in Climate Research. , 1999, , 11-26.		257
175	The Analog Method as a Simple Statistical Downscaling Technique: Comparison with More Complicated Methods. Journal of Climate, 1999, 12, 2474-2489.	1.2	616
176	On the Use of "Inflation" in Statistical Downscaling. Journal of Climate, 1999, 12, 3505-3506.	1.2	194
177	An Empirical Approach for Estimating Macroturbulent Heat Transport Conditional upon the Mean State. Journals of the Atmospheric Sciences, 1999, 56, 2070-2080.	0.6	0
178	Estimation of Precipitation by Kriging in the EOF Space of the Sea Level Pressure Field. Journal of Climate, 1999, 12, 1070-1085.	1.2	69
179	Verification of GCM-Generated Regional Seasonal Precipitation for Current Climate and of Statistical Downscaling Estimates under Changing Climate Conditions. Journal of Climate, 1999, 12, 258-272.	1.2	91
180	The Global and Regional Climate System. Zeitschrift Für Europäisches Unternehmens- Und Verbraucherrecht, 1999, , 3-36.	0.2	30

#	ARTICLE	IF	CITATIONS
181	Representation of Conditional Random Distributions as a Problem of "Spatial" Interpolation. Quantitative Geology and Geostatistics, 1999, , 13-23.	0.1	3
182	Changing Waves and Storms in the Northeast Atlantic?. Bulletin of the American Meteorological Society, 1998, 79, 741-760.	1.7	256
183	On the structure and evolution of ENSO-related climate variability in the tropical Pacific: Lessons from TOGA. Journal of Geophysical Research, 1998, 103, 14241-14259.	3.3	447
184	Temperatures at the last interglacial simulated by a coupled ocean-atmosphere climate model. Paleoceanography, 1998, 13, 170-177.	3.0	29
185	Tropical Intraseasonal Oscillation Appearing in Operational Analyses and in a Family of General Circulation Models. Journals of the Atmospheric Sciences, 1997, 54, 1185-1202.	0.6	24
186	A Description of a 1260-Year Control Integration with the Coupled ECHAM1/LSG General Circulation Model. Journal of Climate, 1997, 10, 1525-1543.	1.2	35
187	A Scenario of Storm Surge Statistics for the German Bight at the Expected Time of Doubled Atmospheric Carbon Dioxide Concentration. Journal of Climate, 1997, 10, 2653-2662.	1.2	68
188	Title is missing!. Climatic Change, 1997, 37, 345-386.	1.7	128
189	Statistical downscaling of monthly mean air temperature to the beginning of flowering of <i>Galanthus nivalis</i> L. in Northern Germany. International Journal of Biometeorology, 1997, 41, 5-12.	1.3	41
190	Interannual variability of seasonal succession events in a temperate lake and its relation to temperature variability. Global Change Biology, 1997, 3, 429-438.	4.2	50
191	Numerical computation of optimal reduction of CO ₂ " emissions for a simplified climate-economy model. Numerical Functional Analysis and Optimization, 1996, 17, 809-822.	0.6	0
192	Statistical downscaling of monthly mean North Atlantic air-pressure to sea level anomalies in the Baltic Sea. Tellus, Series A: Dynamic Meteorology and Oceanography, 1996, 48, 312-323.	0.8	58
193	Changes in the winter precipitation in Romania and its relation to the large-scale circulation. Tellus, Series A: Dynamic Meteorology and Oceanography, 1996, 48, 538-552.	0.8	87
194	Detecting Greenhouse-Gas-Induced Climate Change with an Optimal Fingerprint Method. Journal of Climate, 1996, 9, 2281-2306.	1.2	304
195	Estimates of climate change in Southern Europe derived from dynamical climate model output. Climate Research, 1996, 7, 129-149.	0.4	124
196	Taking Serial Correlation into Account in Tests of the Mean. Journal of Climate, 1995, 8, 336-351.	1.2	408
197	Coastal sea level and the large-scale climate state A downscaling exercise for the Japanese Islands. Tellus, Series A: Dynamic Meteorology and Oceanography, 1995, 47, 132-144.	0.8	17
198	Coastal sea level and the large-scale climate state A downscaling exercise for the Japanese Islands. Tellus, Series A: Dynamic Meteorology and Oceanography, 1995, 47, 132-144.	0.8	21

#	ARTICLE	IF	CITATIONS
199	Principal Oscillation Patterns: A Review. <i>Journal of Climate</i> , 1995, 8, 377-400.	1.2	137
200	Stochastic Characterization of Regional Circulation Patterns for Climate Model Diagnosis and Estimation of Local Precipitation. <i>Journal of Climate</i> , 1995, 8, 1023-1042.	1.2	148
201	Misuses of Statistical Analysis in Climate Research. , 1995, , 11-26.		275
202	The social construct of climate and climate change. <i>Climate Research</i> , 1995, 5, 99-105.	0.4	83
203	Atmospheric CO2 Accumulation and Problems in Emission Abatement. , 1995, , 234-269.		0
204	[Report on Statistics and Physical Oceanography]: Comment. <i>Statistical Science</i> , 1994, 9, 215.	1.6	2
205	A review of ENSO prediction studies. <i>Climate Dynamics</i> , 1994, 9, 167-179.	1.7	232
206	Economic efficiency of CO2 reduction programs. <i>Climate Research</i> , 1994, 4, 127-141.	0.4	24
207	Linking GCM-simulated climatic changes to ecosystem models: case studies of statistical downscaling in the Alps. <i>Climate Research</i> , 1994, 4, 167-189.	0.4	80
208	The effect of a regional increase in ocean surface roughness on the tropospheric circulation: a GCM experiment. <i>Climate Dynamics</i> , 1993, 8, 277-285.	1.7	5
209	Coupling an ocean wave model to an atmospheric general circulation model. <i>Climate Dynamics</i> , 1993, 9, 63-69.	1.7	28
210	German Bight storms analysed. <i>Nature</i> , 1993, 365, 791-791.	13.7	85
211	Downscaling of Global Climate Change Estimates to Regional Scales: An Application to Iberian Rainfall in Wintertime. <i>Journal of Climate</i> , 1993, 6, 1161-1171.	1.2	557
212	Normal Modes of the Atmosphere as Estimated by Principal Oscillation Patterns and Derived from Quasigeostrophic Theory. <i>Journals of the Atmospheric Sciences</i> , 1993, 50, 2386-2400.	0.6	33
213	Interannual variability of Central European mean temperature in January-February and its relation to large-scale circulation. <i>Climate Research</i> , 1993, 3, 195-207.	0.4	32
214	Modeling the Low-Frequency Sea Surface Temperature Variability in the North Pacific. <i>Journal of Climate</i> , 1992, 5, 893-906.	1.2	58
215	The Atmospheric Circulation and Sea Surface Temperature in the North Atlantic Area in Winter: Their Interaction and Relevance for Iberian Precipitation. <i>Journal of Climate</i> , 1992, 5, 1097-1108.	1.2	310
216	Probleme beim Informationstransfer von der Klimaforschung in die Klimawirkungsforschung. <i>Meteorologische Zeitschrift</i> , 1992, 4, 72-80.	0.5	93

#	ARTICLE	IF	CITATIONS
217	Simulationsexperimente zur Wirkung serieller Korrelation auf den Mann-Kendall Trend test. Meteorologische Zeitschrift, 1992, 4, 82-85.	0.5	210
218	Principal oscillation pattern analysis of the tropical 30- to 60-day oscillation. Climate Dynamics, 1991, 6, 1-12.	1.7	15
219	The Performance of Four Spectral GCMs in the Southern Hemisphere: The January and July Climatology and the Semiannual Wave. Journal of Climate, 1990, 3, 53-70.	1.2	40
220	Regime-Dependent Autoregressive Time Series Modeling of the Southern Oscillation. Journal of Climate, 1990, 3, 1347-1363.	1.2	27
221	Simulation of ENSO Related Surface Wind Anomalies with an Atmospheric GCM Forced by Observed SST. Journal of Climate, 1990, 3, 509-521.	1.2	43
222	Predicting the State of the Southern Oscillation Using Principal Oscillation Pattern Analysis. Journal of Climate, 1990, 3, 1316-1329.	1.2	70
223	Northern hemisphere atmospheric response to changes of atlantic ocean SST on decadal time scales: a GCM experiment. Climate Dynamics, 1990, 4, 157-174.	1.7	26
224	Principal oscillation pattern analysis of the 30- to 60-day oscillation in the tropical troposphere. Climate Dynamics, 1990, 4, 175-190.	1.7	55
225	Modeling North Pacific SST anomalies as a response to anomalous atmospheric forcing. Journal of Marine Systems, 1990, 1, 155-168.	0.9	13
226	Origin of the South Pacific Convergence Zone. Journal of Climate, 1989, 2, 1185-1195.	1.2	111
227	Multivariate Recurrence Analysis. Journal of Climate, 1989, 2, 1538-1553.	1.2	10
228	Principal oscillation pattern analysis of the 30- to 60-day oscillation in general circulation model equatorial troposphere. Journal of Geophysical Research, 1988, 93, 11022-11036.	3.3	106
229	The Response of a Coupled Ocean-Atmosphere General Circulation Model to Wind Bursts. Journals of the Atmospheric Sciences, 1988, 45, 964-979.	0.6	56
230	Recurrence Analysis of Climate Sensitivity Experiments. Journal of Climate, 1988, 1, 157-171.	1.2	22
231	The Southern Oscillation. Part VIII: Model Sensitivity to SST Anomalies in the Tropical and Subtropical Regions of the South Pacific Convergence Zone. Journal of Climate, 1988, 1, 325-331.	1.2	13
232	Statistical Aspects of Estimated Principal Vectors (EOFs) Based on small Sample Sizes. Journal of Climate and Applied Meteorology, 1985, 24, 716-724.	1.0	34
233	The extra-tropical atmospheric response to El Niño events—a multivariate significance analysis. Tellus, Series A: Dynamic Meteorology and Oceanography, 1985, 37, 361-377.	0.8	5
234	Chapter 20 The Significant Tropospheric Midlatitudinal El Niño Response Patterns Observed in January 1983 and Simulated by a GCM. Elsevier Oceanography Series, 1985, 40, 275-288.	0.1	1

#	ARTICLE	IF	CITATIONS
235	A comparative study of observed and GCM-simulated turbulent surface fluxes at the positions of Atlantic weatherships. <i>Dynamics of Atmospheres and Oceans</i> , 1984, 8, 343-359.	0.7	1
236	Verification of General Circulation Models Applied to the Hamburg University GCM. Part I: Test of Individual Climate States. <i>Monthly Weather Review</i> , 1983, 111, 1965-1976.	0.5	10
237	Comparison of a sequence of model generated 500 mb-topographies with climate. <i>Tellus</i> , 1982, 34, 89-91.	0.4	1
238	Environmental Risks and Ocean Industries. , 0, , .		0
239	Regional storm climate and related marine hazards in the Northeast Atlantic. , 0, , 54-73.		12
240	Developing criteria for a stakeholder-centred evaluation of climate services: the case of extreme event attribution for storm surges at the German Baltic Sea. <i>Meteorology Hydrology and Water Management</i> , 0, , .	0.4	3