

Wilhelm May

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

714
citations

759233

12
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

1116
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced resolution modelling study on anthropogenic climate change: changes in extremes of the hydrological cycle. <i>International Journal of Climatology</i> , 2002, 22, 755-777.	3.5	114
2	Simulated changes of the Indian summer monsoon under enhanced greenhouse gas conditions in a global time-slice experiment. <i>Geophysical Research Letters</i> , 2002, 29, 22-1.	4.0	81
3	Climate change in the Baltic Sea region: a summary. <i>Earth System Dynamics</i> , 2022, 13, 457-593.	7.1	75
4	Potential future changes in the characteristics of daily precipitation in Europe simulated by the HIRHAM regional climate model. <i>Climate Dynamics</i> , 2008, 30, 581-603.	3.8	72
5	Vegetationâ€™climate feedbacks modulate rainfall patterns in Africa under future climate change. <i>Earth System Dynamics</i> , 2016, 7, 627-647.	7.1	46
6	The sensitivity of the Indian summer monsoon to a global warming of 2Â°C with respect to pre-industrial times. <i>Climate Dynamics</i> , 2011, 37, 1843-1868.	3.8	45
7	Climate change on three Polynesian outliers in the Solomon Islands: Impacts, vulnerability and adaptation. <i>Geografisk Tidsskrift</i> , 2009, 109, 1-13.	0.6	42
8	Variability and extremes of daily rainfall during the Indian summer monsoon in the period 1901â€™1989. <i>Global and Planetary Change</i> , 2004, 44, 83-105.	3.5	40
9	Climatic changes associated with a global â€™2Â°C-stabilizationâ€™scenario simulated by the ECHAM5/MPI-OM coupled climate model. <i>Climate Dynamics</i> , 2008, 31, 283-313.	3.8	35
10	Future Climate Projections. <i>Advances in Global Change Research</i> , 2013, , 53-118.	1.6	24
11	Contributions of soil moisture interactions to climate change in the tropics in the GLACEâ€™CMIP5 experiment. <i>Climate Dynamics</i> , 2015, 45, 3275-3297.	3.8	24
12	Assessing the strength of regional changes in near-surface climate associated with a global warming of 2Â°C. <i>Climatic Change</i> , 2012, 110, 619-644.	3.6	21
13	Coupled regional Earth system modeling in the Baltic Sea region. <i>Earth System Dynamics</i> , 2021, 12, 939-973.	7.1	13
14	Contributions of soil moisture interactions to future precipitation changes in the GLACE-CMIP5 experiment. <i>Climate Dynamics</i> , 2017, 49, 1681-1704.	3.8	12
15	The Indian Summer Monsoon and its Sensitivity to the Mean SSTs: Simulations with the ECHAM4 AGCM at T106 Horizontal Resolution.. <i>Journal of the Meteorological Society of Japan</i> , 2003, 81, 57-83.	1.8	12
16	Summary of a workshop on extreme weather events in a warming world organized by the Royal Swedish Academy of Sciences. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 72, 1794236.	1.6	11
17	Prospects for climate change on three Polynesian outliers in Solomon Islands: Exposure, sensitivity and adaptive capacity. <i>Geografisk Tidsskrift</i> , 2011, 111, 43-57.	0.6	9
18	Effects of Changed Climate Conditions on Tropospheric Ozone over Three Centuries. <i>Atmospheric and Climate Sciences</i> , 2012, 02, 546-561.	0.3	8

#	ARTICLE	IF	CITATIONS
19	Soil carbon insures arable crop production against increasing adverse weather due to climate change. <i>Environmental Research Letters</i> , 0, , .	5.2	6
20	Tropical precipitation and convection changes in the Max Planck Institute Earth system model (MPIâ€šESM) in response to CO ₂ forcing. <i>Journal of Advances in Modeling Earth Systems</i> , 2013, 5, 85-97.	3.8	4
21	Changes in the mean and extremes of the hydrological cycle in Europe under enhanced greenhouse gas conditions in a global time-slice experiment. <i>Advances in Global Change Research</i> , 2002, , 1-29.	1.6	4
22	Projected Changeâ€šAtmosphere. <i>Regional Climate Studies</i> , 2016, , 149-173.	1.2	4
23	Limited predictability of extreme decadal changes in the Arctic Ocean freshwater content. <i>Climate Dynamics</i> , 2018, 51, 3927-3942.	3.8	2
24	Regional climate changes associated with a global "2 Â°C-stabilization" scenario. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009, 6, 052019.	0.3	0