

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 | Summary of a workshop on extreme weather events in a warming world organized by the Royal Swedish Academy of Sciences. Tellus, Series B: Chemical and Physical Meteorology, 2022, 72, 1794236. | 1.6 | 11 |
| 2 | Climate change in the Baltic Sea region: a summary. Earth System Dynamics, 2022, 13, 457-593. | 7.1 | 75 |
| 3 | Coupled regional Earth system modeling in the Baltic Sea region. Earth System Dynamics, 2021, 12, 939-973. | 7.1 | 13 |
| 4 | Limited predictability of extreme decadal changes in the Arctic Ocean freshwater content. Climate Dynamics, 2018, 51, 3927-3942. | 3.8 | 2 |
| 5 | Contributions of soil moisture interactions to future precipitation changes in the GLACE-CMIP5 experiment. Climate Dynamics, 2017, 49, 1681-1704. | 3.8 | 12 |
| 6 | Vegetation-climate feedbacks modulate rainfall patterns in Africa under future climate change. Earth System Dynamics, 2016, 7, 627-647. | 7.1 | 46 |
| 7 | Projected Change in Atmosphere. Regional Climate Studies, 2016, , 149-173. | 1.2 | 4 |
| 8 | Contributions of soil moisture interactions to climate change in the tropics in the GLACE-CMIP5 experiment. Climate Dynamics, 2015, 45, 3275-3297. | 3.8 | 24 |
| 9 | Future Climate Projections. Advances in Global Change Research, 2013, , 53-118. | 1.6 | 24 |
| 10 | Tropical precipitation and convection changes in the Max Planck Institute Earth system model (MPI-ESM) in response to CO ₂ forcing. Journal of Advances in Modeling Earth Systems, 2013, 5, 85-97. | 3.8 | 4 |
| 11 | Assessing the strength of regional changes in near-surface climate associated with a global warming of 2Â°C. Climatic Change, 2012, 110, 619-644. | 3.6 | 21 |
| 12 | Effects of Changed Climate Conditions on Tropospheric Ozone over Three Centuries. Atmospheric and Climate Sciences, 2012, 02, 546-561. | 0.3 | 8 |
| 13 | The sensitivity of the Indian summer monsoon to a global warming of 2Â°C with respect to pre-industrial times. Climate Dynamics, 2011, 37, 1843-1868. | 3.8 | 45 |
| 14 | Prospects for climate change on three Polynesian outliers in Solomon Islands: Exposure, sensitivity and adaptive capacity. Geografisk Tidsskrift, 2011, 111, 43-57. | 0.6 | 9 |
| 15 | Climate change on three Polynesian outliers in the Solomon Islands: Impacts, vulnerability and adaptation. Geografisk Tidsskrift, 2009, 109, 1-13. | 0.6 | 42 |
| 16 | Regional climate changes associated with a global "2 Â°C-stabilization" scenario. IOP Conference Series: Earth and Environmental Science, 2009, 6, 052019. | 0.3 | 0 |
| 17 | Potential future changes in the characteristics of daily precipitation in Europe simulated by the HIRHAM regional climate model. Climate Dynamics, 2008, 30, 581-603. | 3.8 | 72 |
| 18 | Climatic changes associated with a global "2Â°C-stabilization" scenario simulated by the ECHAM5/MPI-OM coupled climate model. Climate Dynamics, 2008, 31, 283-313. | 3.8 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | Soil carbon insures arable crop production against increasing adverse weather due to climate change. <i>Environmental Research Letters</i> , 0, , . | 5.2 | 6 |