Markku Rummukainen

List of Publications by Year in descending order

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18	2,589	567144 15	839398 18
papers	citations	h-index	g-index

18	18	18	3721
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A model of the coupled dynamics of climate, vegetation and terrestrial ecosystem biogeochemistry for regional applications. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 63, 87.	0.8	70
2	Vegetationâ€Climate Feedbacks Enhance Spatial Heterogeneity of Panâ€Amazonian Ecosystem States Under Climate Change. Geophysical Research Letters, 2021, 48, e2020GL092001.	1.5	7
3	Contributions of soil moisture interactions to future precipitation changes in the GLACE-CMIP5 experiment. Climate Dynamics, 2017, 49, 1681-1704.	1.7	12
4	Vegetationâ€“climate feedbacks modulate rainfall patterns in Africa under future climate change. Earth System Dynamics, 2016, 7, 627-647.	2.7	46
5	Added value in regional climate modeling. Wiley Interdisciplinary Reviews: Climate Change, 2016, 7, 145-159.	3.6	188
6	Twenty-First-Century Challenges in Regional Climate Modeling. Bulletin of the American Meteorological Society, 2015, 96, ES135-ES138.	1.7	29
7	Contributions of soil moisture interactions to climate change in the tropics in the GLACEâ€“CMIP5 experiment. Climate Dynamics, 2015, 45, 3275-3297.	1.7	24
8	Climate change: changing means and changing extremes. Climatic Change, 2013, 121, 3-13.	1.7	35
9	Impact of soil moistureâ€climate feedbacks on CMIP5 projections: First results from the GLACEâ€CMIP5 experiment. Geophysical Research Letters, 2013, 40, 5212-5217.	1.5	314
10	Changes in climate and weather extremes in the 21st century. Wiley Interdisciplinary Reviews: Climate Change, 2012, 3, 115-129.	3.6	125
11	Progress in regional downscaling of west African precipitation. Atmospheric Science Letters, 2011, 12, 75-82.	0.8	146
12	Challenges in Regional-Scale Climate Modeling. Bulletin of the American Meteorological Society, 2011, 92, 365-368.	1.7	42
13	Stateâ€ofâ€theâ€art with regional climate models. Wiley Interdisciplinary Reviews: Climate Change, 2010, 1, 82-96.	3.6	485
14	Evaluating the performance and utility of regional climate models: the PRUDENCE project. Climatic Change, 2007, 81, 1-6.	1.7	606
15	The Swedish Regional Climate Modelling Programme, SWECLIM: A Review. Ambio, 2004, 33, 176-182.	2.8	40
16	Prolonged stratospheric ozone loss in the 1995â€“96 Arctic winter. Nature, 1997, 389, 835-838.	13.7	216
17	Observational evidence for chemical ozone depletion over the Arctic in winter 1991â€“92. Nature, 1995, 375, 131-134.	13.7	178
18	Temporal development of ozone within the Arctic Vortex during the winter of 1991/92. Geophysical Research Letters, 1994, 21, 1407-1410.	1.5	26