

Kimmo Ruosteenoja

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,433
citations

393982

19
h-index

395343

33
g-index

40
all docs

40
docs citations

40
times ranked

2098
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodel estimates of the changes in the Baltic Sea ice cover during the present century. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 66, 22617.	0.8	25
2	Evolution of observed and modelled temperatures in Finland in 1901–2018 and potential dynamical reasons for the differences. <i>International Journal of Climatology</i> , 2021, 41, 3374-3390.	1.5	7
3	Overheating Risk and Energy Demand of Nordic Old and New Apartment Buildings during Average and Extreme Weather Conditions under a Changing Climate. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3972.	1.3	15
4	Thermal seasons in northern Europe in projected future climate. <i>International Journal of Climatology</i> , 2020, 40, 4444-4462.	1.5	39
5	Impacts of town characteristics on the changing urban climate in Vantaa. <i>Science of the Total Environment</i> , 2020, 727, 138471.	3.9	8
6	Climate change induces multiple risks to boreal forests and forestry in Finland: A literature review. <i>Global Change Biology</i> , 2020, 26, 4178-4196.	4.2	123
7	Steam balloon concept for lifting rockets to launch altitude. <i>Aeronautical Journal</i> , 2019, 123, 600-616.	1.1	0
8	Projected Changes in European and North Atlantic Seasonal Wind Climate Derived from CMIP5 Simulations. <i>Journal of Climate</i> , 2019, 32, 6467-6490.	1.2	26
9	Future Changes in Incident Surface Solar Radiation and Contributing Factors in India in CMIP5 Climate Model Simulations. <i>Journal of Applied Meteorology and Climatology</i> , 2019, 58, 19-35.	0.6	10
10	Warming autumns at high latitudes of Europe: an opportunity to lose or gain in cereal production?. <i>Regional Environmental Change</i> , 2018, 18, 1453-1465.	1.4	18
11	Seasonal soil moisture and drought occurrence in Europe in CMIP5 projections for the 21st century. <i>Climate Dynamics</i> , 2018, 50, 1177-1192.	1.7	137
12	Reply to Comment by Genthon et al. on “Surface Air Relative Humidities Spuriously Exceeding 100% in CMIP5 Model Output and Their Impact on Future Projections”. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8728-8734.	1.2	0
13	Surface air relative humidities spuriously exceeding 100% in CMIP5 model output and their impact on future projections. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 9557-9568.	1.2	11
14	Projections for the duration and degree days of the thermal growing season in Europe derived from CMIP5 model output. <i>International Journal of Climatology</i> , 2016, 36, 3039-3055.	1.5	70
15	Coping with difficult weather and snow conditions: Reindeer herders’ views on climate change impacts and coping strategies. <i>Climate Risk Management</i> , 2016, 11, 15-36.	1.6	66
16	Rainfed crop production challenges under European high-latitude conditions. <i>Regional Environmental Change</i> , 2016, 16, 1521-1533.	1.4	18
17	Co-variability of North Atlantic Oscillation and Maximum Sea Ice Extent in the Baltic Sea in CMIP5 Climate Models. , 2015, , .		0
18	Hourly test reference weather data in the changing climate of Finland for building energy simulations. <i>Data in Brief</i> , 2015, 4, 162-169.	0.5	14

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19	Energy demand for the heating and cooling of residential houses in Finland in a changing climate. <i>Energy and Buildings</i> , 2015, 99, 104-116.	3.1	88
20	Carbon stock changes of forest land in Finland under different levels of wood use and climate change. <i>Annals of Forest Science</i> , 2014, 71, 255-265.	0.8	41
21	Global sea level rise scenarios adapted to the Finnish coast. <i>Journal of Marine Systems</i> , 2014, 129, 35-46.	0.9	49
22	Projected changes in European extreme precipitation indices on the basis of global and regional climate model ensembles. <i>International Journal of Climatology</i> , 2014, 34, 1208-1222.	1.5	63
23	Production of the Finnish Wind Atlas. <i>Wind Energy</i> , 2013, 16, 19-35.	1.9	57
24	Seasonal Changes in Solar Radiation and Relative Humidity in Europe in Response to Global Warming*. <i>Journal of Climate</i> , 2013, 26, 2467-2481.	1.2	43
25	Changes in the mean and extreme geostrophic wind speeds in Northern Europe until 2100 based on nine global climate models. <i>International Journal of Climatology</i> , 2012, 32, 1834-1846.	1.5	22
26	Projected changes in thermal seasons and the growing season in Finland. <i>International Journal of Climatology</i> , 2011, 31, 1473-1487.	1.5	80
27	Observed and Projected Future Shifts of Climatic Zones in Europe and Their Use to Visualize Climate Change Information. <i>Weather, Climate, and Society</i> , 2010, 2, 148-167.	0.5	104
28	Observed and Projected Future Shifts of Climatic Zones in Europe and Their Use to Visualize Climate Change Information. <i>Weather, Climate, and Society</i> , 2010, 2, 148-167.	0.5	4
29	Comparing regional risks in producing turnip rape and oilseed rape – Impacts of climate change and breeding. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2009, 59, 129-138.	0.3	22
30	Changes in frost, snow and Baltic sea ice by the end of the twenty-first century based on climate model projections for Europe. <i>Climatic Change</i> , 2008, 86, 441-462.	1.7	107
31	Projections of Future Anthropogenic Climate Change. , 2008, , 133-219.		8
32	Present-day and future precipitation in the Baltic Sea region as simulated in a suite of regional climate models. <i>Climatic Change</i> , 2007, 81, 281-291.	1.7	60
33	GCM-based regional temperature and precipitation change estimates for Europe under four SRES scenarios applying a super-ensemble pattern-scaling method. <i>Climatic Change</i> , 2007, 81, 193-208.	1.7	72
34	Estimation of the low-latitude reflectivity of stationary waves in a GCM simulation. <i>Meteorologische Zeitschrift</i> , 2004, 13, 297-310.	0.5	0
35	The impact of the height of the model top on the simulation of tropospheric stationary waves. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1999, 125, 677-695.	1.0	4
36	Simulation of the Partial Reflection by the Critical Latitude with a Linear Model. Part II: Stationary Wave Responses to Total Forcing. <i>Journals of the Atmospheric Sciences</i> , 1991, 48, 1529-1534.	0.6	1

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37	Simulation of the Partial Reflection by the Critical Latitude with a Linear Model. Part I: Methods of Regulating the Reflectivity. <i>Journals of the Atmospheric Sciences</i> , 1989, 46, 3487-3504.	0.6	1
38	Factors Affecting the Occurrence and Lifetime of 500 mb Height Analogues: A Study Based on a Large Amount of Data. <i>Monthly Weather Review</i> , 1988, 116, 368-376.	0.5	16