

Otto HyvÄärrinen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

351
citations

933264

10
h-index

794469

19
g-index

32
all docs

32
docs citations

32
times ranked

664
citing authors

#	ARTICLE	IF	CITATIONS
1	MetOp/AVHRR Snow Detection Method for Meteorological Applications. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 2001-2019.	0.6	2
2	Adding value to extended-range forecasts in northern Europe by statistical post-processing using stratospheric observations. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8441-8451.	1.9	2
3	Statistical Learning Methods as a Basis for Skillful Seasonal Temperature Forecasts in Europe. <i>Journal of Climate</i> , 2019, 32, 5363-5379.	1.2	11
4	Assessment of Probabilistic Wind Forecasts at 100 m Above Ground Level Using Doppler Lidar and Weather Radar Wind Profiles. <i>Monthly Weather Review</i> , 2019, 148, 1321-1334.	0.5	3
5	Estimates of Present and Future Climatologies of Freezing Rain in Europe Based on CORDEX Regional Climate Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,291.	1.2	5
6	Recent meteorological and marine studies to support nuclear power plant safety in Finland. <i>Energy</i> , 2018, 165, 1102-1118.	4.5	9
7	Regional Assessment of Temperature-Related Mortality in Finland. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 406.	1.2	16
8	A method to estimate freezing rain climatology from ERA-Interim reanalysis over Europe. <i>Natural Hazards and Earth System Sciences</i> , 2017, 17, 243-259.	1.5	17
9	Spatial and temporal variation in weather events critical for boreal agriculture: I Elevated temperatures. <i>Agricultural and Food Science</i> , 2016, 25, .	0.3	5
10	Validation of Automatic Cb Observations for METAR Messages without Ground Truth. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 2063-2075.	0.6	2
11	The verification of seasonal precipitation forecasts for early warning in Zambia and Malawi. <i>Advances in Science and Research</i> , 2015, 12, 31-36.	1.0	5
12	Temporal variations and change in forest fire danger in Europe for 1960–2012. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1477-1490.	1.5	66
13	A Probabilistic Derivation of Heidke Skill Score. <i>Weather and Forecasting</i> , 2014, 29, 177-181.	0.5	32
14	The Helsinki Testbed: A Mesoscale Measurement, Research, and Service Platform. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, 325-342.	1.7	48
15	New Geostationary Satellite-Based Snow-Cover Algorithm. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 1275-1290.	0.6	36
16	Comparison of Satellite Cloud Masks with Ceilometer Sky Conditions in Southern Finland. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 2508-2526.	0.6	6
17	Social Media as a Source of Meteorological Observations. <i>Monthly Weather Review</i> , 2010, 138, 3175-3184.	0.5	46
18	Comparison of Snow Cover from Satellite and Numerical Weather Prediction Models in the Northern Hemisphere and Northern Europe. <i>Journal of Applied Meteorology and Climatology</i> , 2009, 48, 1199-1216.	0.6	2

#	ARTICLE	IF	CITATIONS
19	Climatological Tools for Low Visibility Forecasting. Pure and Applied Geophysics, 2007, 164, 1383-1396.	0.8	10
20	Estimation of Surface Solar Global Radiation from NOAA AVHRR Data in High Latitudes. Journal of Applied Meteorology and Climatology, 1999, 38, 1706-1719.	1.7	20
21	Winter Subseasonal Wind Speed Forecasts for Finland from ECMWF. Advances in Science and Research, 0, 18, 127-134.	1.0	0
22	Bias-adjusted seasonal forecasts of soil moisture for forestry applications in Finland. Advances in Science and Research, 0, 17, 23-27.	1.0	3
23	Long-range forecasts for the energy market – a case study. Advances in Science and Research, 0, 14, 89-93.	1.0	1
24	Development of seasonal climate outlooks for agriculture in Finland. Advances in Science and Research, 0, 17, 269-277.	1.0	3