

# Otto HyvÄärrinen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/569191/publications.pdf>

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	Temporal variations and change in forest fire danger in Europe for 1960â€“2012. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 1477-1490.	1.5	66
2	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
3	Social Media as a Source of Meteorological Observations. <i>Monthly Weather Review</i> , 2010, 138, 3175-3184.	0.5	46
4	New Geostationary Satelliteâ€Based Snow-Cover Algorithm. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 1275-1290.	0.6	36
5	A Probabilistic Derivation of Heidke Skill Score. <i>Weather and Forecasting</i> , 2014, 29, 177-181.	0.5	32
6	Estimation of Surface Solar Global Radiation from NOAA AVHRR Data in High Latitudes. <i>Journal of Applied Meteorology and Climatology</i> , 1999, 38, 1706-1719.	1.7	20
7	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
8	Regional Assessment of Temperature-Related Mortality in Finland. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 406.	1.2	16
9	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
10	Climatological Tools for Low Visibility Forecasting. <i>Pure and Applied Geophysics</i> , 2007, 164, 1383-1396.	0.8	10
11	Recent meteorological and marine studies to support nuclear power plant safety in Finland. <i>Energy</i> , 2018, 165, 1102-1118.	4.5	9
12	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
13	Estimates of Presentâ€Day 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
14	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
15	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
16	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
17	Bias-adjusted seasonal forecasts of soil moisture for forestry applications in Finland. <i>Advances in Science and Research</i> , 0, 17, 23-27.	1.0	3
18	Development of seasonal climate outlooks for agriculture in Finland. <i>Advances in Science and Research</i> , 0, 17, 269-277.	1.0	3

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	MetOp/AVHRR Snow Detection Method for Meteorological Applications. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 2001-2019.	0.6	2
22	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
23	Long-range forecasts for the energy market – a case study. <i>Advances in Science and Research</i> , 0, 14, 89-93.	1.0	1
24	Winter Subseasonal Wind Speed Forecasts for Finland from ECMWF. <i>Advances in Science and Research</i> , 0, 18, 127-134.	1.0	0