

# Ilari Lehtonen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1109363/publications.pdf>

Version: 2024-02-01

15  
papers

512  
citations

840119

11  
h-index

1058022

14  
g-index

27  
all docs

27  
docs citations

27  
times ranked

666  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Observed and modeled tropospheric cold anomalies associated with sudden stratospheric warmings. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1591-1610.	1.2	81
3	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
4	Risk of large-scale fires in boreal forests of Finland under changing climate. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 239-253.	1.5	46
5	Heavy snow loads in Finnish forests respond regionally asymmetrically to projected climate change. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 2259-2271.	1.5	41
6	Natural hazards and extreme events in the Baltic Sea region. <i>Earth System Dynamics</i> , 2022, 13, 251-301.	2.7	35
7	The 10-Year Return Levels of Maximum Wind Speeds under Frozen and Unfrozen Soil Forest Conditions in Finland. <i>Climate</i> , 2019, 7, 62.	1.2	21
8	Communicating the amount of windstorm induced forest damage by the maximum wind gust speed in Finland. <i>Advances in Science and Research</i> , 0, 16, 31-37.	1.0	20
9	Estimation of the high-spatial-resolution variability in extreme wind speeds for forestry applications. <i>Earth System Dynamics</i> , 2017, 8, 529-545.	2.7	17
10	Projected decrease in wintertime bearing capacity on different forest and soil types in Finland under a warming climate. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1611-1631.	1.9	17
11	A Modelling Approach for the Assessment of Climate Change Impact on the Fungal Colonization of Historic Timber Structures. <i>Forests</i> , 2021, 12, 819.	0.9	15
12	Modelling crown snow loads in Finland: a comparison of two methods. <i>Silva Fennica</i> , 2014, 48, .	0.5	12
13	Mapping the probability of forest snow disturbances in Finland. <i>PLoS ONE</i> , 2021, 16, e0254876.	1.1	6
14	Four consecutive snow-rich winters in Southern Finland: 2009/2010–2012/2013. <i>Weather</i> , 2015, 70, 3-8.	0.6	5
15	Tendency towards a more extreme precipitation climate in the Coupled Model Intercomparison Project Phase 5 models. <i>Atmospheric Science Letters</i> , 2019, 20, e895.	0.8	5