Jaak Jaagus

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5562723/publications.pdf

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25	961	471509 17	610901 24
papers	citations	h-index	g-index

25	25	25	1523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Validation of atmospheric reanalyses over the central Arctic Ocean. Geophysical Research Letters, 2012, 39, .	4.0	200
2	Changes in the activity and tracks of Arctic cyclones. Climatic Change, 2011, 105, 577-595.	3.6	113
3	Meteorological conditions in the Arctic Ocean in spring and summer 2007 as recorded on the drifting ice station Tara. Geophysical Research Letters, 2008, 35, .	4.0	70
4	The influence of atmospheric circulation on plant phenological phases in central and eastern Europe. International Journal of Climatology, 2004, 24, 1551-1564.	3.5	69
5	Characteristics of Temperature and Humidity Inversions and Low-Level Jets over Svalbard Fjords in Spring. Advances in Meteorology, 2011, 2011, 1-14.	1.6	55
6	THE IMPACT OF CLIMATE CHANGE ON THE SNOW COVER PATTERN IN ESTONIA. Climatic Change, 1997, 36, 65-77.	3.6	47
7	Variability and trends in daily minimum and maximum temperatures and in the diurnal temperature range in Lithuania, Latvia and Estonia in 1951â€“2010. Theoretical and Applied Climatology, 2014, 118, 57-68.	2.8	47
8	Longâ€term changes in drought indices in eastern and central Europe. International Journal of Climatology, 2022, 42, 225-249.	3.5	41
9	Long-term changes in the frequency of cyclones and their trajectories in Central and Northern Europe. Hydrology Research, 2005, 36, 297-309.	2.7	38
10	Climatology of precipitation extremes in Estonia using the method of moving precipitation totals. Theoretical and Applied Climatology, 2013, 111, 623-639.	2.8	29
11	Trends and regime shifts in climatic conditions and river runoff in Estonia during 1951â€“2015. Earth System Dynamics, 2017, 8, 963-976.	7.1	29
12	Lessons from the 2018â€“2019 European droughts: a collective need for unifying drought risk management. Natural Hazards and Earth System Sciences, 2022, 22, 2201-2217.	3.6	28
13	Dendroclimatic signals of pedunculate oak (Quercus robur L.) in Estonia. European Journal of Forest Research, 2014, 133, 535-549.	2.5	26
14	Precipitation pattern in the Baltic countries under the influence of largeâ€scale atmospheric circulation and local landscape factors. International Journal of Climatology, 2010, 30, 705-720.	3.5	25
15	Changes in precipitation regime in the Baltic countries in 1966â€“2015. Theoretical and Applied Climatology, 2018, 131, 433-443.	2.8	22
16	Past and Current Climate Change. , 2008, , 35-131.		21
17	Observations of temperature inversions over central Arctic sea ice in summer. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 2741-2754.	2.7	21
18	Spatial response of two European atmospheric circulation classifications (data 1901â€“2010). Theoretical and Applied Climatology, 2013, 112, 73-88.	2.8	18

#	Article	IF	Citations
19	Linking atmospheric, terrestrial and aquatic environments: Regime shifts in the Estonian climate over the past 50 years. PLoS ONE, 2018, 13, e0209568.	2.5	18
20	Reconstruction of precipitation variability in Estonia since the eighteenth century, inferred from oak and spruce tree rings. Climate Dynamics, 2018, 50, 4083-4101.	3.8	14
21	Wintertime Greenhouse Gas Fluxes in Hemiboreal Drained Peatlands. Atmosphere, 2020, 11, 731.	2.3	11
22	Contrasting treeâ€ring growth response of picea abies to climate variability in western and eastern estonia. Geografiska Annaler, Series A: Physical Geography, 2016, 98, 155-167.	1.5	7
23	Spatio-temporal variability and seasonal dynamics of snow cover regime in Estonia. Theoretical and Applied Climatology, 2020, 139, 759-771.	2.8	6
24	Gap-Filling Satellite Land Surface Temperature Over Heatwave Periods With Machine Learning. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
25	Biophysical impacts of climate change on some terrestrial ecosystems in Estonia. Geo Journal, 2002, 57, 169-181.	3.1	2