

Jaak Jaagus

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

961
citations

471509

17
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1523
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Long-term changes in drought indices in eastern and central Europe. International Journal of Climatology, 2022, 42, 225-249.	3.5	41
3	Lessons from the 2018-2019 European droughts: a collective need for unifying drought risk management. Natural Hazards and Earth System Sciences, 2022, 22, 2201-2217.	3.6	28
4	Spatio-temporal variability and seasonal dynamics of snow cover regime in Estonia. Theoretical and Applied Climatology, 2020, 139, 759-771.	2.8	6
5	Wintertime Greenhouse Gas Fluxes in Hemiboreal Drained Peatlands. Atmosphere, 2020, 11, 731.	2.3	11
6	Changes in precipitation regime in the Baltic countries in 1966-2015. Theoretical and Applied Climatology, 2018, 131, 433-443.	2.8	22
7	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
8	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
9	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
10	Trends and regime shifts in climatic conditions and river runoff in Estonia during 1951-2015. Earth System Dynamics, 2017, 8, 963-976.	7.1	29
11	Contrasting tree-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
12	Variability and trends in daily minimum and maximum temperatures and in the diurnal temperature range in Lithuania, Latvia and Estonia in 1951-2010. Theoretical and Applied Climatology, 2014, 118, 57-68.	2.8	47
13	Dendroclimatic signals of pedunculate oak (Quercus robur L.) in Estonia. European Journal of Forest Research, 2014, 133, 535-549.	2.5	26
14	Spatial response of two European atmospheric circulation classifications (data 1901-2010). Theoretical and Applied Climatology, 2013, 112, 73-88.	2.8	18
15	Climatology of precipitation extremes in Estonia using the method of moving precipitation totals. Theoretical and Applied Climatology, 2013, 111, 623-639.	2.8	29
16	Validation of atmospheric reanalyses over the central Arctic Ocean. Geophysical Research Letters, 2012, 39, .	4.0	200
17	Changes in the activity and tracks of Arctic cyclones. Climatic Change, 2011, 105, 577-595.	3.6	113
18	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

#	ARTICLE	IF	CITATIONS
19	Precipitation pattern in the Baltic countries under the influence of large-scale atmospheric circulation and local landscape factors. <i>International Journal of Climatology</i> , 2010, 30, 705-720.	3.5	25
20	Past and Current Climate Change. , 2008, , 35-131.		21
21	Meteorological conditions in the Arctic Ocean in spring and summer 2007 as recorded on the drifting ice station Tara. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	70
22	Long-term changes in the frequency of cyclones and their trajectories in Central and Northern Europe. <i>Hydrology Research</i> , 2005, 36, 297-309.	2.7	38
23	The influence of atmospheric circulation on plant phenological phases in central and eastern Europe. <i>International Journal of Climatology</i> , 2004, 24, 1551-1564.	3.5	69
24	Biophysical impacts of climate change on some terrestrial ecosystems in Estonia. <i>Geo Journal</i> , 2002, 57, 169-181.	3.1	2
25	THE IMPACT OF CLIMATE CHANGE ON THE SNOW COVER PATTERN IN ESTONIA. <i>Climatic Change</i> , 1997, 36, 65-77.	3.6	47