

# Ain Kull

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

911  
citations

567281

15  
h-index

477307

29  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond land cover: How integrated remote sensing and social media data analysis facilitates assessment of cultural ecosystem services. <i>Ecosystem Services</i> , 2022, 53, 101391.	5.4	19
2	EstSoil-EH: a high-resolution eco-hydrological modelling parameters dataset for Estonia. <i>Earth System Science Data</i> , 2021, 13, 83-97.	9.9	15
3	Detecting peat extraction related activity with multi-temporal Sentinel-1 InSAR coherence time series. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 98, 102309.	2.8	8
4	Remotely Sensed Land Surface Temperature Can Be Used to Estimate Ecosystem Respiration in Intact and Disturbed Northern Peatlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006411.	3.0	2
5	The Role of Education in Increasing Awareness and Reducing Impact of Natural Hazards. <i>Sustainability</i> , 2020, 12, 7623.	3.2	6
6	Wintertime Greenhouse Gas Fluxes in Hemiboreal Drained Peatlands. <i>Atmosphere</i> , 2020, 11, 731.	2.3	11
7	Long Term Interferometric Temporal Coherence and DInSAR Phase in Northern Peatlands. <i>Remote Sensing</i> , 2020, 12, 1566.	4.0	20
8	Insar Coherence for Monitoring Water Table Fluctuations in Northern Peatlands. , 2020, , .		1
9	Environmental factors affecting greenhouse gas fluxes of green roofs in temperate zone. <i>Science of the Total Environment</i> , 2019, 694, 133699.	8.0	11
10	Nitrogen-rich organic soils under warm well-drained conditions are global nitrous oxide emission hotspots. <i>Nature Communications</i> , 2018, 9, 1135.	12.8	98
11	New high nature value map of Estonian agricultural land: Application of an expert system to integrate biodiversity, landscape and land use management indicators. <i>Ecological Indicators</i> , 2018, 94, 87-98.	6.3	14
12	Greenhouse gas emissions in natural and managed peatlands of America: Case studies along a latitudinal gradient. <i>Ecological Engineering</i> , 2018, 114, 34-45.	3.6	26
13	Linking atmospheric, terrestrial and aquatic environments: Regime shifts in the Estonian climate over the past 50 years. <i>PLoS ONE</i> , 2018, 13, e0209568.	2.5	18
14	Green and brown infrastructures support a landscape-level implementation of ecological engineering. <i>Ecological Engineering</i> , 2018, 120, 23-35.	3.6	16
15	A framework for habitat monitoring and climate change modelling: construction and validation of the Environmental Stratification of Estonia. <i>Regional Environmental Change</i> , 2017, 17, 335-349.	2.9	13
16	A review of the application of the high nature value concept in Estonia within the context of the European Union. <i>International Journal of Agricultural Resources, Governance and Ecology</i> , 2015, 11, 143.	0.0	1
17	Land use policy shocks in the post-communist urban fringe: A case study of Estonia. <i>Land Use Policy</i> , 2013, 30, 76-83.	5.6	51
18	Empowering Spatial Information in the Evolution of Planning Systems: Lessons of ad-hoc Plans in Estonia. <i>Regional Studies</i> , 2012, 46, 493-508.	4.4	10

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19	Common growth signal and spatial synchrony of the chronologies of tree-rings from pines in the Baltic Sea region over the last nine centuries. <i>Dendrochronologia</i> , 2012, 30, 147-155.	2.2	12
20	Dynamics of gaseous nitrogen and carbon fluxes in riparian alder forests. <i>Ecological Engineering</i> , 2011, 37, 40-53.	3.6	55
21	Distribution pattern of PCBs, HCB and PeCB using passive air and soil sampling in Estonia. <i>Environmental Science and Pollution Research</i> , 2010, 17, 740-749.	5.3	30
22	The status, conservation and sustainable use of Estonian wetlands. <i>Wetlands Ecology and Management</i> , 2010, 18, 375-395.	1.5	29
23	The Gulf of Riga as a resource for wind energy &#x2014; a project description. , 2010, , .		1
24	Assessment of methane and nitrous oxide fluxes in rural landscapes. <i>Landscape and Urban Planning</i> , 2010, 98, 172-181.	7.5	27
25	Climate-related Change in Terrestrial and Freshwater Ecosystems. , 2008, , 221-308.		12
26	Key sustainability issues and the spatial classification of sensitive regions in Europe. , 2008, , 471-494.		3
27	Seasonal tourism spaces in Estonia: Case study with mobile positioning data. <i>Tourism Management</i> , 2007, 28, 898-910.	9.8	186
28	The changing landscapes of transitional economies: the Estonian coastal zone. , 2007, , 327-340.		2
29	The reclamation of the North Estonian oil shale mining area. , 2007, , 387-401.		5
30	Modelling of excess nitrogen in small rural catchments. <i>Agriculture, Ecosystems and Environment</i> , 2005, 108, 45-56.	5.3	13
31	Residual Cadmium and Lead Pollution at a Former Soviet Military Airfield in Tartu, Estonia. <i>Water, Air and Soil Pollution</i> , 2004, 4, 591-606.	0.8	1
32	Large-scale soil maps and a supplementary database for land use planning in Estonia. <i>Journal of Plant Nutrition and Soil Science</i> , 2003, 166, 225-231.	1.9	12
33	Nutrient runoff dynamics in a rural catchment: Influence of land-use changes, climatic fluctuations and ecotechnological measures. <i>Ecological Engineering</i> , 2000, 14, 405-417.	3.6	93
34	Nutrient flows and land use change in a rural catchment: a modelling approach. <i>Landscape Ecology</i> , 2000, 15, 187-199.	4.2	35
35	Impact of climatic fluctuations and land use change on runoff and nutrient losses in rural landscapes. <i>Landscape and Urban Planning</i> , 1998, 41, 229-238.	7.5	52