Ain Kull

List of Publications by Year
in descending order

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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	Seasonal tourism spaces in Estonia: Case study with mobile positioning data. Tourism Management, 2007, 28, 898-910.	9.8	186
2	Nitrogen-rich organic soils under warm well-drained conditions are global nitrous oxide emission hotspots. Nature Communications, 2018, 9, 1135.	12.8	98
3	Nutrient runoff dynamics in a rural catchment: Influence of land-use changes, climatic fluctuations and ecotechnological measures. Ecological Engineering, 2000, 14, 405-417.	3.6	93
4	Dynamics of gaseous nitrogen and carbon fluxes in riparian alder forests. Ecological Engineering, 2011, 37, 40-53.	3.6	55
5	Impact of climatic fluctuations and land use change on runoff and nutrient losses in rural landscapes. Landscape and Urban Planning, 1998, 41, 229-238.	7.5	52
6	Land use policy shocks in the post-communist urban fringe: A case study of Estonia. Land Use Policy, 2013, 30, 76-83.	5.6	51
7	Nutrient flows and land use change in a rural catchment: a modelling approach. Landscape Ecology, 2000, 15, 187-199.	4.2	35
8	Distribution pattern of PCBs, HCB and PeCB using passive air and soil sampling in Estonia. Environmental Science and Pollution Research, 2010, 17, 740-749.	5.3	30
9	The status, conservation and sustainable use of Estonian wetlands. Wetlands Ecology and Management, 2010, 18, 375-395.	1.5	29
10	Assessment of methane and nitrous oxide fluxes in rural landscapes. Landscape and Urban Planning, 2010, 98, 172-181.	7.5	27
11	Greenhouse gas emissions in natural and managed peatlands of America: Case studies along a latitudinal gradient. Ecological Engineering, 2018, 114, 34-45.	3.6	26
12	Long Term Interferometric Temporal Coherence and DInSAR Phase in Northern Peatlands. Remote Sensing, 2020, 12, 1566.	4.0	20
13	Beyond land cover: How integrated remote sensing and social media data analysis facilitates assessment of cultural ecosystem services. Ecosystem Services, 2022, 53, 101391.	5.4	19
14	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
15	Green and brown infrastructures support a landscape-level implementation of ecological engineering. Ecological Engineering, 2018, 120, 23-35.	3.6	16
16	EstSoil-EH: a high-resolution eco-hydrological modelling parameters dataset for Estonia. Earth System Science Data, 2021, 13, 83-97.	9.9	15
17	New high nature value map of Estonian agricultural land: Application of an expert system to integrate biodiversity, landscape and land use management indicators. Ecological Indicators, 2018, 94, 87-98.	6.3	14
18	Modelling of excess nitrogen in small rural catchments. Agriculture, Ecosystems and Environment, 2005, 108, 45-56.	5.3	13

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19	A framework for habitat monitoring and climate change modelling: construction and validation of the Environmental Stratification of Estonia. Regional Environmental Change, 2017, 17, 335-349.	2.9	13
20	Large-scale soil maps and a supplementary database for land use planning in Estonia. Journal of Plant Nutrition and Soil Science, 2003, 166, 225-231.	1.9	12
21	Climate-related Change in Terrestrial and Freshwater Ecosystems. , 2008, , 221-308.		12
22	Common growth signal and spatial synchrony of the chronologies of tree-rings from pines in the Baltic Sea region over the last nine centuries. Dendrochronologia, 2012, 30, 147-155.	2.2	12
23	Environmental factors affecting greenhouse gas fluxes of green roofs in temperate zone. Science of the Total Environment, 2019, 694, 133699.	8.0	11
24	Wintertime Greenhouse Gas Fluxes in Hemiboreal Drained Peatlands. Atmosphere, 2020, 11, 731.	2.3	11
25	Empowering Spatial Information in the Evolution of Planning Systems: Lessons of ad-hoc Plans in Estonia. Regional Studies, 2012, 46, 493-508.	4.4	10
26	Detecting peat extraction related activity with multi-temporal Sentinel-1 InSAR coherence time series. International Journal of Applied Earth Observation and Geoinformation, 2021, 98, 102309.	2.8	8
27	The Role of Education in Increasing Awareness and Reducing Impact of Natural Hazards. Sustainability, 2020, 12, 7623.	3.2	6
28	The reclamation of the North Estonian oil shale mining area. , 2007, , 387-401.		5
29	Key sustainability issues and the spatial classification of sensitive regions in Europe. , 2008, , 471-494.		3
30	The changing landscapes of transitional economies: the Estonian coastal zone. , 2007, , 327-340.		2
31	Remotely Sensed Land Surface Temperature Can Be Used to Estimate Ecosystem Respiration in Intact and Disturbed Northern Peatlands. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006411.	3.0	2
32	Residual Cadmium and Lead Pollution at a Former Soviet Military Airfield in Tartu, Estonia. Water, Air and Soil Pollution, 2004, 4, 591-606.	0.8	1
33	The Gulf of Riga as a resource for wind energy — a project description. , 2010, , .		1
34	A review of the application of the high nature value concept in Estonia within the context of the European Union. International Journal of Agricultural Resources, Governance and Ecology, 2015, 11, 143.	0.0	1
35	Insar Coherence for Monitoring Water Table Fluctuations in Northern Peatlands. , 2020, , .		1