

# Tiiu Alliksaar

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

600  
citations

623734

14  
h-index

677142

22  
g-index

48  
all docs

48  
docs citations

48  
times ranked

846  
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing and drivers of local to regional scale land-cover changes in the hemiboreal forest zone during the Holocene: A pollen-based study from South Estonia. <i>Quaternary Science Reviews</i> , 2022, 277, 107351.	3.0	6
2	Environmental drivers and abrupt changes of phytoplankton community in temperate lake Lielais Svārtiņi, Eastern Latvia, over the last Post-Glacial period from 14.5 kyr. <i>Quaternary Science Reviews</i> , 2021, 263, 107006.	3.0	5
3	From bog to fen: palaeoecological reconstruction of the development of a calcareous spring fen on Saaremaa, Estonia. <i>Vegetation History and Archaeobotany</i> , 2020, 29, 373-391.	2.1	10
4	Postglacial flooding and vegetation history on the Ob River terrace, central Western Siberia based on the palaeoecological record from Lake Svetlenkoye. <i>Holocene</i> , 2020, 30, 618-631.	1.7	5
5	Late glacial and early Holocene climate and environmental changes in the eastern Baltic area inferred from sediment C/N ratio. <i>Journal of Paleolimnology</i> , 2019, 61, 1-16.	1.6	8
6	Holocene shifts in the primary producer community of large, shallow European Lake Peipsi, inferred from sediment pigment analysis. <i>Journal of Paleolimnology</i> , 2019, 61, 403-417.	1.6	11
7	Contrasting responses to long-term climate change of carbon flows to benthic consumers in two different sized lakes in the Baltic area.. <i>Quaternary Science Reviews</i> , 2018, 187, 168-176.	3.0	1
8	Reading past landscapes: combining modern and historical records, maps, pollen-based vegetation reconstructions, and the socioeconomic background. <i>Landscape Ecology</i> , 2018, 33, 529-546.	4.2	11
9	From microbial eukaryotes to metazoan vertebrates: Wide spectrum paleo-diversity in sedimentary ancient DNA over the last ~14,500 years. <i>Geobiology</i> , 2018, 16, 628-639.	2.4	49
10	Development of large shallow Lake Peipsi (North-Eastern Europe) over the Holocene based on the stratigraphy of phosphorus fractions. <i>Journal of Paleolimnology</i> , 2017, 58, 43-56.	1.6	10
11	Pb-210 and fly ash particles in ombrotrophic peat bogs as indicators of industrial emissions. <i>Journal of Environmental Radioactivity</i> , 2017, 174, 78-86.	1.7	17
12	Sedimentary carbon forms in relation to climate and phytoplankton biomass in a large, shallow, hard-water boreal lake. <i>Journal of Paleolimnology</i> , 2017, 57, 81-93.	1.6	0
13	Drastic changes in lake ecosystem development as a consequence of flax retting: a multiproxy palaeolimnological study of Lake Kooraste Linajärv, Estonia. <i>Vegetation History and Archaeobotany</i> , 2017, 27, 437.	2.1	1
14	Detection of the Askja AD 1875 cryptotephra in Latvia, Eastern Europe. <i>Journal of Quaternary Science</i> , 2016, 31, 437-441.	2.1	20
15	Fluorescence spectroscopy of sedimentary pore-water humic substances: a simple tool for retrospective analysis of lake ecosystems. <i>Journal of Soils and Sediments</i> , 2014, 14, 269-279.	3.0	7
16	A comparison of the palaeolimnology of Peipsi and Värtsjärv: connected shallow lakes in north-eastern Europe for the twentieth century, especially in relation to eutrophication progression and water-level fluctuations. <i>Hydrobiologia</i> , 2013, 710, 227-240.	2.0	5
17	Sediment accumulation rates in European lakes since AD 1850: trends, reference conditions and exceedence. <i>Journal of Paleolimnology</i> , 2011, 45, 447-468.	1.6	91
18	Dynamics of phytoplankton pigments in water and surface sediments of a large shallow lake. <i>Estonian Journal of Earth Sciences</i> , 2011, 60, 91.	1.1	16

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19	A radical shift from soft-water to hard-water lake: palaeolimnological evidence from Lake Kooraste K��mverj��rv, southern Estonia. Estonian Journal of Earth Sciences, 2011, 61, 317.	1.1	6
20	HPLC approach for revealing age-related changes of aquatic dissolved organic matter in sediment core. Procedia Chemistry, 2010, 2, 101-108.	0.7	15
21	High-resolution spectroscopic study of pore-water dissolved organic matter in Holocene sediments of Lake Peipsi (Estonia/Russia). Hydrobiologia, 2010, 646, 21-31.	2.0	9
22	Partitioning of metals between operational fractions in the sediment record from Lake Peipsi. Chemistry and Ecology, 2010, 26, 35-48.	1.6	3
23	A 10,000 year record of sediment pore-water dissolved organic matter characteristics from Lake Peipsi as revealed by HPSEC. Chemistry and Ecology, 2010, 26, 13-24.	1.6	5
24	Palaeolimnological assessment of environmental change over the last two centuries in oligotrophic Lake Nohipalu Valgj��rv, southern Estonia. Estonian Journal of Earth Sciences, 2009, 58, 124.	1.1	10
25	Palaeolimnological assessment of the reference conditions and ecological status of lakes in Estonia - implications for the European Union Water Framework Directive. Estonian Journal of Earth Sciences, 2009, 58, 334.	1.1	14
26	History of anthropogenically mediated eutrophication of Lake Peipsi as revealed by the stratigraphy of fossil pigments and molecular size fractions of pore-water dissolved organic matter. Hydrobiologia, 2008, 599, 49-58.	2.0	30
27	Water level changes in a large shallow lake as reflected by the plankton:periphyton-ratio of sedimentary diatoms. Hydrobiologia, 2008, 599, 23-30.	2.0	29
28	Tracking changes in the organic matter in a lake palaeoecosystem: A spectrophotometric approach. Organic Geochemistry, 2008, 39, 915-918.	1.8	6
29	Sediment pore-water proteinaceous matter �� a proxy of lake palaeoproductivity?. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2008, 30, 466-468.	0.1	1
30	Concentrations and fluxes of aerosol particles during the LAPBIAT measurement campaign at V��rri��t field station. Atmospheric Chemistry and Physics, 2007, 7, 3683-3700.	4.9	19
31	Sedimentary record of heavy metals in Lake R��uge Liinj��rv, southern Estonia. Estonian Journal of Earth Sciences, 2007, 56, 221.	1.1	27
32	Sediment diatom assemblages and composition of pore-water dissolved organic matter reflect recent eutrophication history of Lake Peipsi (Estonia/Russia). Hydrobiologia, 2007, 584, 133-143.	2.0	37
33	Sediment diatom assemblages and composition of pore-water dissolved organic matter reflect recent eutrophication history of lake peipsi (Estonia/Russia). , 2007, , 133-143.		1
34	Water level changes in a large shallow lake as reflected by the plankton:periphyton-ratio of sedimentary diatoms. , 2007, , 23-30.		0
35	History of anthropogenically mediated eutrophication of Lake Peipsi as revealed by the stratigraphy of fossil pigments and molecular size fractions of pore-water dissolved organic matter. , 2007, , 49-58.		0
36	Paleolimnological assessment of eutrophication history of large transboundary Lake Peipsi, Estonia/Russia. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2006, 29, 1135-1138.	0.1	4

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37	A high-resolution spectroscopic study of pore-water dissolved organic matter in annually laminated lake sediments: a new tool for reconstructing eutrophication history. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2005, 29, 465-468.	0.1	4
38	A 700-year decadal scale record of lake response to catchment land use from annually laminated lake sediments in southern Estonia. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2005, 29, 457-460.	0.1	7
39	Recent patterns of sediment accumulation in a small closed eutrophic lake revealed by the sediment records. Hydrobiologia, 2004, 529, 71-81.	2.0	13
40	Dry Deposition Of Coarse Solid Particles in Patchy Sub-Boreal Landscape. , 2004, , 491-499.		0
41	Seasonal Fluxes of Particulate Matter in a Small Closed Lake in Northern Estonia. Water, Air, and Soil Pollution, 2003, 149, 77-92.	2.4	13
42	Characteristic Fly-ash Particles from Oil-shale Combustion Found in Lake Sediments. Water, Air, and Soil Pollution, 1998, 104, 149-160.	2.4	26
43	The Flame Research Project: Introduction and Methods. Water, Air, and Soil Pollution, 1998, 106, 205-218.	2.4	9
44	Title is missing!. Water, Air, and Soil Pollution, 1998, 106, 219-239.	2.4	14
45	The FLAME Project: General Discussion and Conclusions. Water, Air, and Soil Pollution, 1998, 106, 329-351.	2.4	5
46	Human impact on the history of Lake N��mmej��rv, NE Estonia: a geochemical and palaeobotanical study. Holocene, 1997, 7, 91-99.	1.7	15
47	THE TRAPPING OF FLY-ASH PARTICLES IN THE SURFACE LAYERS OF SPHAGNUM-DOMINATED PEAT. Water, Air, and Soil Pollution, 1997, 94, 59-69.	2.4	1