

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	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
2	From microbial eukaryotes to metazoan vertebrates: Wide spectrum paleoαdiversity in sedimentary ancient DNA over the last ~14,500Åyears. <i>Geobiology</i> , 2018, 16, 628-639.	2.4	49
3	Sediment diatom assemblages and composition of pore-water dissolved organic matter reflect recent eutrophication history of Lake Peipsi (Estonia/Russia). <i>Hydrobiologia</i> , 2007, 584, 133-143.	2.0	37
4	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. <i>Hydrobiologia</i> , 2008, 599, 49-58.	2.0	30
5	Water level changes in a large shallow lake as reflected by the plankton:periphyton-ratio of sedimentary diatoms. <i>Hydrobiologia</i> , 2008, 599, 23-30.	2.0	29
6	Sedimentary record of heavy metals in Lake RÅµge LiinjÅrv, southern Estonia. <i>Estonian Journal of Earth Sciences</i> , 2007, 56, 221.	1.1	27
7	Characteristic Fly-ash Particles from Oil-shale Combustion Found in Lake Sediments. <i>Water, Air, and Soil Pollution</i> , 1998, 104, 149-160.	2.4	26
8	Detection of the Askja AD 1875 cryptotephra in Latvia, Eastern Europe. <i>Journal of Quaternary Science</i> , 2016, 31, 437-441.	2.1	20
9	Concentrations and fluxes of aerosol particles during the LAPBIAT measurement campaign at VÅrriÅr field station. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 3683-3700.	4.9	19
10	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
11	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
12	Human impact on the history of Lake NÅmmejÅrv, NE Estonia: a geochemical and palaeobotanical study. <i>Holocene</i> , 1997, 7, 91-99.	1.7	15
13	HPLC approach for revealing age-related changes of aquatic dissolved organic matter in sediment core. <i>Procedia Chemistry</i> , 2010, 2, 101-108.	0.7	15
14	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1998, 106, 219-239.	2.4	14
15	Palaeolimnological assessment of the reference conditions and ecological status of lakes in Estonia - implications for the European Union Water Framework Directive. <i>Estonian Journal of Earth Sciences</i> , 2009, 58, 334.	1.1	14
16	Seasonal Fluxes of Particulate Matter in a Small Closed Lake in Northern Estonia. <i>Water, Air, and Soil Pollution</i> , 2003, 149, 77-92.	2.4	13
17	Recent patterns of sediment accumulation in a small closed eutrophic lake revealed by the sediment records. <i>Hydrobiologia</i> , 2004, 529, 71-81.	2.0	13
18	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

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19	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
20	Palaeolimnological assessment of environmental change over the last two centuries in oligotrophic Lake Nohipalu ValgjÄrv, southern Estonia. <i>Estonian Journal of Earth Sciences</i> , 2009, 58, 124.	1.1	10
21	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
22	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
23	The Flame Research Project: Introduction and Methods. <i>Water, Air, and Soil Pollution</i> , 1998, 106, 205-218.	2.4	9
24	High-resolution spectroscopic study of pore-water dissolved organic matter in Holocene sediments of Lake Peipsi (Estonia/Russia). <i>Hydrobiologia</i> , 2010, 646, 21-31.	2.0	9
25	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
26	A 700-year decadal scale record of lake response to catchment land use from annually laminated lake sediments in southern Estonia. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2005, 29, 457-460.	0.1	7
27	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
28	Tracking changes in the organic matter in a lake palaeoecosystem: A spectrophotometric approach. <i>Organic Geochemistry</i> , 2008, 39, 915-918.	1.8	6
29	A radical shift from soft-water to hard-water lake: palaeolimnological evidence from Lake Kooraste KÄrverjÄrv, southern Estonia. <i>Estonian Journal of Earth Sciences</i> , 2011, 61, 317.	1.1	6
30	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
31	The FLAME Project: General Discussion and Conclusions. <i>Water, Air, and Soil Pollution</i> , 1998, 106, 329-351.	2.4	5
32	A 10,000 year record of sediment pore-water dissolved organic matter characteristics from Lake Peipsi as revealed by HPSEC. <i>Chemistry and Ecology</i> , 2010, 26, 13-24.	1.6	5
33	A comparison of the palaeolimnology of Peipsi and VÄrptsjÄrv: 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
34	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
35	Environmental drivers and abrupt changes of phytoplankton community in temperate lake Lielais SvÄtiÄtu, Eastern Latvia, over the last Post-Glacial period from 14.5 kyr. <i>Quaternary Science Reviews</i> , 2021, 263, 107006.	3.0	5
36	A high-resolution spectroscopic study of pore-water dissolved organic matter in annually laminated lake sediments: a new tool for reconstructing eutrophication history. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2005, 29, 465-468.	0.1	4

#	ARTICLE	IF	CITATIONS
37	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
38	Partitioning of metals between operational fractions in the sediment record from Lake Peipsi. Chemistry and Ecology, 2010, 26, 35-48.	1.6	3
39	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
40	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
41	Drastic changes in lake ecosystem development as a consequence of flax retting: a multiproxy palaeolimnological study of Lake Kooraste LinajÄrv, Estonia. Vegetation History and Archaeobotany, 2017, 27, 437.	2.1	1
42	Contrasting responses to long-term climate change of carbon flows to benthic consumers in two different sized lakes in the Baltic area.. Quaternary Science Reviews, 2018, 187, 168-176.	3.0	1
43	Sediment diatom assemblages and composition of pore-water dissolved organic matter reflect recent eutrophication history of lake peipsi (Estonia/Russia). , 2007, , 133-143.		1
44	Sedimentary carbon forms in relation to climate and phytoplankton biomass in a large, shallow, hard-water boreal lake. Journal of Paleolimnology, 2017, 57, 81-93.	1.6	0
45	Dry Deposition Of Coarse Solid Particles in Patchy Sub-Boreal Landscape. , 2004, , 491-499.		0
46	Water level changes in a large shallow lake as reflected by the plankton:periphyton-ratio of sedimentary diatoms. , 2007, , 23-30.		0
47	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