

Atko Heinsalu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Lateglacial vegetation dynamics in the eastern Baltic region between 14,500 and 11,400calyrBP: A complete record since the Bølling (GI-1e) to the Holocene. <i>Quaternary Science Reviews</i> , 2012, 40, 39-53.	3.0	61
2	Broadleaf deciduous forest counterbalanced the direct effect of climate on Holocene fire regime in hemiboreal/boreal region (NE Europe). <i>Quaternary Science Reviews</i> , 2017, 169, 378-390.	3.0	61
3	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
4	Quantitative summer and winter temperature reconstructions from pollen and chironomid data between 15 and 8ka BP in the Baltic-Belarus area. <i>Quaternary International</i> , 2015, 388, 4-11.	1.5	47
5	Early Holocene coastal settlements and palaeoenvironment on the shore of the Baltic Sea at Pärnu, southwestern Estonia. <i>Quaternary International</i> , 2005, 130, 75-85.	1.5	43
6	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
7	Ecological catastrophe in connection with the impact of the Kaali meteorite about 800-400 B.C. on the island of Saaremaa, Estonia. <i>Meteoritics and Planetary Science</i> , 2001, 36, 1367-1375.	1.6	32
8	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
9	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
10	Timing of Lateglacial vegetation dynamics and respective palaeoenvironmental conditions in southern Estonia: evidence from the sediment record of Lake Nakri. <i>Journal of Quaternary Science</i> , 2012, 27, 169-180.	2.1	28
11	Palaeoenvironmental evidence for the impact of the crusades on the local and regional environment of medieval (13th-16th century) northern Latvia, eastern Baltic. <i>Holocene</i> , 2016, 26, 61-69.	1.7	24
12	Characterizing changes in the sedimentary environment of a varved lake sediment record in southern central Finland around 8000 cal. yr BP. <i>Journal of Quaternary Science</i> , 2008, 23, 765-775.	2.1	23
13	Landscape change in central Latvia since the Iron Age: multi-proxy analysis of the vegetation impact of conflict, colonization and economic expansion during the last 2,000 years. <i>Vegetation History and Archaeobotany</i> , 2015, 24, 377-391.	2.1	21
14	The age of the Kaali meteorite craters and the effect of the impact on the environment and man: evidence from inside the Kaali craters, island of Saaremaa, Estonia. <i>Vegetation History and Archaeobotany</i> , 2004, 13, 197.	2.1	20
15	Detection of the Askja AD 1875 cryptotephra in Latvia, Eastern Europe. <i>Journal of Quaternary Science</i> , 2016, 31, 437-441.	2.1	20
16	GIS-based multiproxy coastline reconstruction of the eastern Gulf of Riga, Baltic Sea, during the Stone Age. <i>Boreas</i> , 2017, 46, 83-99.	2.4	20
17	Palaeogeographic Model for the SW Estonian Coastal Zone of the Baltic Sea. <i>Central and Eastern European Development Studies</i> , 2011, , 165-188.	0.6	17
18	First discovery of cryptotephra in Holocene peat deposits of Estonia, eastern Baltic. <i>Boreas</i> , 2006, 35, 644-649.	2.4	14

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19	The final meltdown of dead-ice at the Holocene Thermal Maximum (8500â€“7400 cal. yr BP) in western Latvia, eastern Baltic. <i>Holocene</i> , 2017, 27, 1146-1157.	1.7	13
20	Dating early Holocene palaeoseismic event(s) in the Gulf of Bothnia, Baltic Sea. <i>Boreas</i> , 2007, 36, 56-64.	2.4	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	Deglaciation chronology of the Pandivere and Palivere ice-marginal zones in Estonia. <i>Geological Quarterly</i> , 0, , 353-362.	0.2	10
23	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
24	Large herbivore population and vegetation dynamics 14,600â€“8300â€“years ago in central Latvia, northeastern Europe. <i>Review of Palaeobotany and Palynology</i> , 2019, 266, 42-51.	1.5	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	Tracking changes in the organic matter in a lake palaeoecosystem: A spectrophotometric approach. <i>Organic Geochemistry</i> , 2008, 39, 915-918.	1.8	6
27	Determining reference conditions of hemiboreal lakes in Latvia, NE Europe: a palaeolimnological approach. <i>Annales De Limnologie</i> , 2018, 54, 22.	0.6	6
28	The Physical and Social Effects of the Kaali Meteorite Impact â€“ a Review. , 2007, , 265-275.		6
29	Biostratigraphy, shoreline changes and origin of the Limnea Sea lagoons in northern Estonia: a case study of Lake Harku. <i>Baltica</i> , 2014, 27, 15-24.	0.3	6
30	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
31	A comparison of the palaeolimnology of Peipsi and VÄ“rtsjÄ“rv: 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
32	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
33	Environmental drivers and abrupt changes of phytoplankton community in temperate lake Lielais SvÄ“tiÄ“tu, Eastern Latvia, over the last Post-Glacial period from 14.5 kyr. <i>Quaternary Science Reviews</i> , 2021, 263, 107006.	3.0	5
34	Drastic changes in lake ecosystem development as a consequence of flax retting: a multiproxy palaeolimnological study of Lake Kooraste LinajÄ“rv, Estonia. <i>Vegetation History and Archaeobotany</i> , 2017, 27, 437.	2.1	1