

Siim Veski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6366024/publications.pdf>

Version: 2024-02-01

67
papers

2,873
citations

230014

27
h-index

198040

52
g-index

76
all docs

76
docs citations

76
times ranked

3323
citing authors

#	ARTICLE	IF	CITATIONS
1	Indicative value and training set of freshwater organic-walled algal palynomorphs (non-pollen) Tj ETQq1 1 0.784314 rBT /Overlock 10	1.4	1
2	Sedimentary Ancient DNA (sedaDNA) Reveals Fungal Diversity and Environmental Drivers of Community Changes throughout the Holocene in the Present Boreal Lake Lielais SvÄ“tiÄ“tu (Eastern Latvia). <i>Microorganisms</i> , 2021, 9, 719.	1.6	18
3	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.	1.4	5
4	Mire plant diversity change over the last 10,000Ä“years: Importance of isostatic land uplift, climate and local conditions. <i>Journal of Ecology</i> , 2021, 109, 3634-3651.	1.9	2
5	Patterns in recent and Holocene pollen accumulation rates across Europe â€“ the Pollen Monitoring Programme Database as a tool for vegetation reconstruction. <i>Biogeosciences</i> , 2021, 18, 4511-4534.	1.3	5
6	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.	1.0	10
7	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.	0.9	5
8	Modern Pollenâ€“Plant Diversity Relationships Inform Palaeoecological Reconstructions of Functional and Phylogenetic Diversity in Calcareous Fens. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	15
9	Fire hazard modulation by long-term dynamics in land cover and dominant forest type in eastern and central Europe. <i>Biogeosciences</i> , 2020, 17, 1213-1230.	1.3	52
10	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.	0.8	8
11	Investigating the impact of anthropogenic land use on a hemiboreal lake ecosystem using carbon/nitrogen ratios and coupled-optical emission spectroscopy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 518, 1-9.	1.0	6
12	Holocene rapid climate changes and ice-rafting debris events reflected in high-resolution European charcoal records. <i>Quaternary Science Reviews</i> , 2019, 222, 105877.	1.4	22
13	ALIPHATIC DICARBOXYLIC ACIDS FROM OIL SHALE ORGANIC MATTER â€“ HISTORIC REVIEW. <i>Oil Shale</i> , 2019, 36, 76.	0.5	7
14	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.	0.8	9
15	Towards understanding the abundance of non-pollen palynomorphs: A comparison of fossil algae, algal pigments and sedaDNA from temperate lake sediments. <i>Review of Palaeobotany and Palynology</i> , 2018, 249, 9-15.	0.8	21
16	Abrupt rise in the contribution of CH ₄ derived carbon to benthic secondary production of a shallow hemiboreal/boreal lake. <i>Journal of Quaternary Science</i> , 2018, 33, 969-976.	1.1	3
17	Determining reference conditions of hemiboreal lakes in Latvia, NE Europe: a palaeolimnological approach. <i>Annales De Limnologie</i> , 2018, 54, 22.	0.6	6
18	Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe. <i>Quaternary Science Reviews</i> , 2018, 201, 44-56.	1.4	67

#	ARTICLE	IF	CITATIONS
19	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.	1.1	49
20	Past environmental change and seawater intrusion into coastal Lake Lilaste, Latvia. <i>Journal of Paleolimnology</i> , 2017, 57, 257-271.	0.8	10
21	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.	0.9	13
22	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.	1.4	61
23	Widespread, episodic decline of alder (<i>Alnus</i>) during the medieval period in the boreal forest of Europe. <i>Journal of Quaternary Science</i> , 2017, 32, 903-907.	1.1	19
24	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.	1.0	1
25	Detection of the Askja AD 1875 cryptotephra in Latvia, Eastern Europe. <i>Journal of Quaternary Science</i> , 2016, 31, 437-441.	1.1	20
26	A Bayesian multinomial regression model for palaeoclimate reconstruction with time uncertainty. <i>Environmetrics</i> , 2016, 27, 409-422.	0.6	9
27	Biotic turnover rates during the Pleistocene-Holocene transition. <i>Quaternary Science Reviews</i> , 2016, 151, 100-110.	1.4	28
28	Palaeoenvironmental evidence for the impact of the crusades on the local and regional environment of medieval (13thâ€“16th century) northern Latvia, eastern Baltic. <i>Holocene</i> , 2016, 26, 61-69.	0.9	24
29	Timing of the deglaciation and the late-glacial vegetation development on the Pandivere Upland, North Estonia. <i>Bulletin of the Geological Society of Finland</i> , 2016, 88, 69-83.	0.2	9
30	A Bayesian spatiotemporal model for reconstructing climate from multiple pollen records. <i>Annals of Applied Statistics</i> , 2015, 9, .	0.5	17
31	Novel insights into postâ€“glacial vegetation change: functional and phylogenetic diversity in pollen records. <i>Journal of Vegetation Science</i> , 2015, 26, 911-922.	1.1	49
32	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 2,000Åyears. <i>Vegetation History and Archaeobotany</i> , 2015, 24, 377-391.	1.0	21
33	Phytoplankton response to the environmental and climatic variability in a temperate lake over the last 14,500Åyears in eastern Latvia. <i>Journal of Paleolimnology</i> , 2015, 54, 103-119.	0.8	35
34	Plant macrofossil evidence for an early onset of the Holocene summer thermal maximum in northernmost Europe. <i>Nature Communications</i> , 2015, 6, 6809.	5.8	71
35	Pollenâ€“based quantitative reconstructions of Holocene regional vegetation cover (plantâ€“functional) Tj ETQq1 1 0.784314 rgBT /Over 676-697.	4.2	161
36	Quantitative summer and winter temperature reconstructions from pollen and chironomid data between 15 and 8Åka BP in the Balticâ€“Belarus area. <i>Quaternary International</i> , 2015, 388, 4-11.	0.7	47

#	ARTICLE	IF	CITATIONS
37	Validation of climate model-inferred regional temperature change for late-glacial Europe. <i>Nature Communications</i> , 2014, 5, 4914.	5.8	129
38	Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 60 and 8 kya. <i>Quaternary Science Reviews</i> , 2014, 106, 206-224.	1.4	188
39	Tree taxa immigration to the eastern Baltic region, southeastern sector of Scandinavian glaciation during the Late-glacial period (14,500±11,700 cal. b.p.). <i>Vegetation History and Archaeobotany</i> , 2014, 23, 207-216.	1.0	22
40	Long-term drivers of forest composition in a boreonemoral region: the relative importance of climate and human impact. <i>Journal of Biogeography</i> , 2013, 40, 1524-1534.	1.4	58
41	The European Modern Pollen Database (EMPD) project. <i>Vegetation History and Archaeobotany</i> , 2013, 22, 521-530.	1.0	101
42	A palaeocoastline reconstruction for the Kõrsmu and Põrispea peninsulas (northern Estonia) over the last 4000 years. <i>Estonian Journal of Earth Sciences</i> , 2012, 61, 307.	0.4	6
43	Lateglacial vegetation dynamics in the eastern Baltic region between 14,500 and 11,400 calyrBP: A complete record since the Bölling (GI-1e) to the Holocene. <i>Quaternary Science Reviews</i> , 2012, 40, 39-53.	1.4	61
44	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.	1.1	28
45	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
46	Is there a relationship between crop farming and the <i>Alnus</i> decline in the eastern Baltic region?. <i>Vegetation History and Archaeobotany</i> , 2010, 19, 17-28.	1.0	29
47	Palaeoecological evidence of agricultural activity and human impact on the environment at the ancient settlement centre of Keava, Estonia. <i>Estonian Journal of Earth Sciences</i> , 2010, 59, 80.	0.4	3
48	Late glacial multiproxy evidence of vegetation development and environmental change at Solova, southeastern Estonia. <i>Estonian Journal of Earth Sciences</i> , 2010, 59, 151.	0.4	19
49	Last nine-thousand years of temperature variability in Northern Europe. <i>Climate of the Past</i> , 2009, 5, 523-535.	1.3	238
50	Litorina Sea sediments of ancient Vääna Lagoon, northwestern Estonia. <i>Estonian Journal of Earth Sciences</i> , 2009, 58, 85.	0.4	11
51	Development of the late glacial Baltic basin and the succession of vegetation cover as revealed at Palaeolake Haljala, northern Estonia. <i>Estonian Journal of Earth Sciences</i> , 2009, 58, 317.	0.4	25
52	Using quantitative pollen-based land-cover estimations and a spatial CA-Markov model to reconstruct the development of cultural landscape at Rõuge, South Estonia. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 527-541.	1.0	47
53	The use of modelling and simulation approach in reconstructing past landscapes from fossil pollen data: a review and results from the POLLANDCAL network. <i>Vegetation History and Archaeobotany</i> , 2008, 17, 419-443.	1.0	152
54	Tracking changes in the organic matter in a lake palaeoecosystem: A spectrophotometric approach. <i>Organic Geochemistry</i> , 2008, 39, 915-918.	0.9	6

#	ARTICLE	IF	CITATIONS
55	Spatial structure of the 8200 cal yr BP event in northern Europe. <i>Climate of the Past</i> , 2007, 3, 225-236.	1.3	71
56	The Physical and Social Effects of the Kaali Meteorite Impact – a Review. , 2007, , 265-275.		6
57	First discovery of cryptotephra in Holocene peat deposits of Estonia, eastern Baltic. <i>Boreas</i> , 2006, 35, 644-649.	1.2	14
58	Integrated palaeoecological and historical data in the service of fine-resolution land use and ecological change assessment during the last 1000 years in Rõuge, southern Estonia. <i>Journal of Biogeography</i> , 2005, 32, 1473-1488.	1.4	64
59	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
60	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.	0.7	43
61	A modern pollen-climate calibration set from northern Europe: developing and testing a tool for palaeoclimatological reconstructions. <i>Journal of Biogeography</i> , 2004, 31, 251-267.	1.4	163
62	Cold event at 8200 yr B.P. recorded in annually laminated lake sediments in eastern Europe. <i>Geology</i> , 2004, 32, 681.	2.0	122
63	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.	1.0	20
64	Reflections of pre- and early-agrarian human impact in the pollen diagrams of Estonia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 209, 37-50.	1.0	98
65	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.	0.7	32
66	High-resolution analyses of an early Holocene climate event may imply decreased solar forcing as an important climate trigger. <i>Geology</i> , 2001, 29, 1107.	2.0	173
67	Deglaciation chronology of the Pandivere and Palivere ice-marginal zones in Estonia. <i>Geological Quarterly</i> , 0, , 353-362.	0.1	10