

Arto I Miettinen

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

702
citations

471477

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552766

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909
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicentennial Variability of the Sea Surface Temperature Gradient across the Subpolar North Atlantic over the Last 2.8 kyr*,+. <i>Journal of Climate</i> , 2012, 25, 4205-4219.	3.2	58
2	False-positive diatom test: A real challenge? A post-mortem study using standardized protocols. <i>Legal Medicine</i> , 2013, 15, 229-234.	1.3	57
3	Middle Weichselian glacial event in the central part of the Scandinavian Ice Sheet recorded in the Hitura pit, Ostrobothnia, Finland. <i>Boreas</i> , 2008, 37, 38-54.	2.4	50
4	Holocene sea-level changes and glacio-isostasy in the Gulf of Finland, Baltic Sea. <i>Quaternary International</i> , 2004, 120, 91-104.	1.5	46
5	Exceptional ocean surface conditions on the SE Greenland shelf during the Medieval Climate Anomaly. <i>Paleoceanography</i> , 2015, 30, 1657-1674.	3.0	46
6	Quantitative reconstruction of Holocene sea ice and sea surface temperature off West Greenland from the first regional diatom data set. <i>Paleoceanography</i> , 2017, 32, 18-40.	3.0	39
7	Palaeoenvironment of the Karelian Isthmus, the easternmost part of the Gulf of Finland, during the Litorina Sea stage of the Baltic Sea history. <i>Boreas</i> , 2007, 36, 441-458.	2.4	36
8	North Atlantic sea surface temperatures and their relation to the North Atlantic Oscillation during the last 2300 years. <i>Climate Dynamics</i> , 2011, 36, 533-543.	3.8	36
9	The marine Eemian of the Baltic: new pollen and diatom data from Peski, Russia, and Põhja-Uhtju, Estonia. <i>Journal of Quaternary Science</i> , 2002, 17, 445-458.	2.1	25
10	Younger Dryas ice margin retreat triggered by ocean surface warming in central-eastern Baffin Bay. <i>Nature Communications</i> , 2017, 8, 1017.	12.8	24
11	Subpolar North Atlantic sea surface temperature since 6 ka BP: Indications of anomalous ocean-atmosphere interactions at 4-2 ka BP. <i>Quaternary Science Reviews</i> , 2018, 194, 128-142.	3.0	24
12	The biogeography and ecology of common diatom species in the northern North Atlantic, and their implications for paleoceanographic reconstructions. <i>Marine Micropaleontology</i> , 2019, 148, 1-28.	1.2	23
13	Late Holocene sea-level changes along the southern coast of Finland, Baltic Sea. <i>Marine Geology</i> , 2007, 242, 27-38.	2.1	22
14	Eemian sea-level highstand in the eastern Baltic Sea linked to long-duration White Sea connection. <i>Quaternary Science Reviews</i> , 2014, 86, 158-174.	3.0	22
15	Indications for a North Atlantic ocean circulation regime shift at the onset of the Little Ice Age. <i>Climate Dynamics</i> , 2015, 45, 3623-3633.	3.8	21
16	Appearance of the Pacific diatom <i>Neodenticula seminiae</i> in the northern Nordic Seas – An indication of changes in Arctic sea ice and ocean circulation. <i>Marine Micropaleontology</i> , 2013, 99, 2-7.	1.2	19
17	Diatoms in Arctic regions: Potential tools to decipher environmental changes. <i>Polar Science</i> , 2018, 18, 220-226.	1.2	18
18	Shoreline displacement in the Belomorsk area, NW Russia during the Younger Dryas Stadial. <i>Quaternary Science Reviews</i> , 2012, 37, 26-37.	3.0	17

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19	The marine sedimentary environments of Kongsfjorden, Svalbard: an archive of polar environmental change. <i>Polar Research</i> , 2019, 38, .	1.6	16
20	Diatom succession of a dislocated Eemian sediment sequence at Mommark, South Denmark. <i>Boreas</i> , 2006, 35, 378-384.	2.4	14
21	The Origin and Evolution of Lake VhA-Pitkusta, SW Finland â€“ A Multi-Proxy Study of a Meromictic Lake. <i>Hydrobiologia</i> , 2004, 527, 85-97.	2.0	12
22	The Holocene marine diatom flora of Eastern Newfoundland bays. <i>Diatom Research</i> , 2014, 29, 441-454.	1.2	12
23	Mid to late-Holocene sea-surface temperature variability off north-eastern Newfoundland and its linkage to the North Atlantic Oscillation. <i>Holocene</i> , 2021, 31, 3-15.	1.7	12
24	Improving the paleoceanographic proxy tool kit â€“ On the biogeography and ecology of the sea ice-associated species <i>Fragilariopsis oceanica</i> , <i>Fragilariopsis reginae-jahniae</i> and <i>Fossula arctica</i> in the northern North Atlantic. <i>Marine Micropaleontology</i> , 2020, 157, 101860.	1.2	11
25	Eemian crustal deformation in the eastern Baltic area in the light of the new sites at Peski, Russia and PÅµhja-Uhtju, Estonia. <i>Quaternary International</i> , 2005, 130, 31-42.	1.5	10
26	Sea surface temperatures in Disko Bay during the Little Ice Age â€“ caution needs to be exercised before assigning <i>Thalassiosira kushirensis</i> resting spore as a warm-water indicator in palaeoceanographic studies. <i>Quaternary Science Reviews</i> , 2014, 101, 234-237.	3.0	9
27	Pairwise scale space comparison of time series with application to climate research. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	6
28	Ocean surface warming in Krossfjorden, Svalbard, during the last 60 years. <i>Arktos</i> , 2020, 6, 1-13.	1.0	6
29	Late Holocene shift towards enhanced oceanic variability in a high-Arctic Svalbard fjord (79°N) at 2500 cal. yr BP. <i>Arktos</i> , 2017, 3, 1.	1.0	4
30	Diatom succession of a dislocated Eemian sediment sequence at Mommark, South Denmark. <i>Boreas</i> , 2008, 35, 378-384.	2.4	3
31	A 70-80 year periodicity identified from tree ring temperatures in Northern Scandinavia and its relation to the Arctic sea-ice oscillation AD 550-1980. <i>Global and Planetary Change</i> , 2014, 116, 149-155.	3.5	2
32	DIATOM RECORDS North Atlantic and Arctic. , 2013, , 562-570.		1
33	The northernmost discovery of a Miocene proboscidean bone in Europe. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 454, 202-211.	2.3	1
34	Diatoms. , 2014, , 1-7.		0
35	Diatoms. , 2015, , 1-7.		0
36	Diatoms. , 2015, , 1-7.		0

#	ARTICLE	IF	CITATIONS
37	Diatoms. Encyclopedia of Earth Sciences Series, 2016, , 185-189.	0.1	0