

# Arto I Miettinen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9353760/publications.pdf>

Version: 2024-02-01

37  
papers

702  
citations

471509

17  
h-index

552781

26  
g-index

38  
all docs

38  
docs citations

38  
times ranked

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*,+. Journal of Climate, 2012, 25, 4205-4219.                      | 3.2  | 58        |
| 2  | False-positive diatom test: A real challenge? A post-mortem study using standardized protocols. Legal Medicine, 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. Boreas, 2008, 37, 38-54.                                 | 2.4  | 50        |
| 4  | Holocene sea-level changes and glacio-isostasy in the Gulf of Finland, Baltic Sea. Quaternary International, 2004, 120, 91-104.  | 1.5  | 46        |
| 5  | Exceptional ocean surface conditions on the SE Greenland shelf during the Medieval Climate Anomaly. Paleoceanography, 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. Paleoceanography, 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. Boreas, 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. Climate Dynamics, 2011, 36, 533-543.                                  | 3.8  | 36        |
| 9  | The marine Eemian of the Baltic: new pollen and diatom data from Peski, Russia, and Põhja-Uhtjõ, Estonia. Journal of Quaternary Science, 2002, 17, 445-458.                                    | 2.1  | 25        |
| 10 | Younger Dryas ice margin retreat triggered by ocean surface warming in central-eastern Baffin Bay. Nature Communications, 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. Quaternary Science Reviews, 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. Marine Micropaleontology, 2019, 148, 1-28. | 1.2  | 23        |
| 13 | Late Holocene sea-level changes along the southern coast of Finland, Baltic Sea. Marine Geology, 2007, 242, 27-38.   | 2.1  | 22        |
| 14 | Eemian sea-level highstand in the eastern Baltic Sea linked to long-duration White Sea connection. Quaternary Science Reviews, 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. Climate Dynamics, 2015, 45, 3623-3633.   | 3.8  | 21        |
| 16 | Appearance of the Pacific diatom Neodenticula seminae in the northern Nordic Seas – An indication of changes in Arctic sea ice and ocean circulation. Marine Micropaleontology, 2013, 99, 2-7. | 1.2  | 19        |
| 17 | Diatoms in Arctic regions: Potential tools to decipher environmental changes. Polar Science, 2018, 18, 220-226.  | 1.2  | 18        |
| 18 | Shoreline displacement in the Belomorsk area, NW Russia during the Younger Dryas Stadial. Quaternary Science Reviews, 2012, 37, 26-37.   | 3.0  | 17        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 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 V&Atilde-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 P&Auml;hja-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&Atildebe 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&Atildeyears. <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&AtildeN) at 2500&Atildecal.&Atildeyr 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&Atilde&Atilde80year periodicity identified from tree ring temperatures in Northern Scandinavia and its relation to the Arctic sea-ice oscillation AD 550&Atilde&Atilde1980. <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         |