Markus Majaneva

List of Publications by Year
in descending order

27	658	840776 11	677142 22
papers	citations	h-index	g-index

29	29	29	1211
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Environmental DNA filtration techniques affect recovered biodiversity. Scientific Reports, 2018, 8, 4682.	3.3	93
2	Bioinformatic Amplicon Read Processing Strategies Strongly Affect Eukaryotic Diversity and the Taxonomic Composition of Communities. PLoS ONE, 2015, 10, e0130035.	2.5	67
3	Fast direct melting of brackish sea-ice samples results in biologically more accurate results than slow buffered melting. Polar Biology, 2014, 37, 1811-1822.	1.2	63
4	Comparison of wintertime eukaryotic community from sea ice and open water in the Baltic Sea, based on sequencing of the 18S rRNA gene. Polar Biology, 2012, 35, 875-889.	1.2	60
5	Molecular evidence for a diverse green algal community growing in the hair of sloths and a specific association with Trichophilus welckeri(Chlorophyta, Ulvophyceae). BMC Evolutionary Biology, 2010, 10, 86.	3.2	58
6	Advancing the use of molecular methods for routine freshwater macroinvertebrate biomonitoring â€“ the need for calibration experiments. Metabarcoding and Metagenomics, 0, 3, .	0.0	48
7	Choice of DNA extraction method affects DNA metabarcoding of unsorted invertebrate bulk samples. Metabarcoding and Metagenomics, 0, 2, .	0.0	40
8	Group 2i Isochrysidales produce characteristic alkenones reflecting sea ice distribution. Nature Communications, 2021, 12, 15.	12.8	33
9	The contribution of mycosporine-like amino acids, chromophoric dissolved organic matter and particles to the UV protection of sea-ice organisms in the Baltic Sea. Photochemical and Photobiological Sciences, 2015, 14, 1025-1038.	2.9	25
10	Phases of microalgal succession in sea ice and the water column in the Baltic Sea from autumn to spring. Marine Ecology - Progress Series, 2018, 599, 19-34.	1.9	17
11	Rhinomonas nottbecki n. sp. (Cryptomonadales) and Molecular Phylogeny of the Family Pyrenomonadaceae. Journal of Eukaryotic Microbiology, 2014, 61, 480-492.	1.7	16
12	DNA metabarcoding adds valuable information for management of biodiversity in roadside stormwater ponds. Ecology and Evolution, 2019, 9, 9712-9722.	1.9	15
13	The extensive bloom of alternate-stage Prymnesium polylepis (Haptophyta) in the Baltic Sea during autumnâ€“spring 2007â€“2008. European Journal of Phycology, 2012, 47, 310-320.	2.0	14
14	Deficiency syndromes in top predators associated with large-scale changes in the Baltic Sea ecosystem. PLoS ONE, 2020, 15, e0227714.	2.5	13
15	First circumpolar assessment of Arctic freshwater phytoplankton and zooplankton diversity: Spatial patterns and environmental factors. Freshwater Biology, 2022, 67, 141-158.	2.4	13
16	HETEROCAPSA ARCTICA SUBSP. FRIGIDA SUBSP. NOV. (PERIDINIALES, DINOPHYCEAE)-DESCRIPTION OF A NEW DINOFLAGELLATE AND ITS OCCURRENCE IN THE BALTIC SEA1. Journal of Phycology, 2010, 46, 751-762.	2.3	12
17	Sea-ice eukaryotes of the Gulf of Finland, Baltic Sea, and evidence for herbivory on weakly shade-adapted ice algae. European Journal of Protistology, 2017, 57, 1-15.	1.5	12
18	Life associated with Baltic Sea ice. , 2017, , 333-357.		12

#	Article	IF	Citations
19	Cydippid ctenophores in the coastal waters of Svalbard: is it only Mertensia ovum?. Polar Biology, 2013, 36, 1681-1686.	1.2	11
20	Solar PAR and UVR modify the community composition and photosynthetic activity of sea ice algae. FEMS Microbiology Ecology, 2015, 91, fiv102.	2.7	11
21	An urban Blitz with a twist: rapid biodiversity assessment using aquatic environmental DNA. Environmental DNA, 2021, 3, 200-213.	5.8	9
22	Multi-marker DNA metabarcoding reflects tardigrade diversity in different habitats. Genome, 2021, 64, 217-231.	2.0	9
23	Primary production calculations for sea ice from bio-optical observations in the Baltic Sea. Elementa, 2016, 4, .	3.2	3
24	Taxonomically and Functionally Distinct Ciliophora Assemblages Inhabiting Baltic Sea Ice. Microbial Ecology, 2021, , 1.	2.8	1
25	DNA Metabarcoding of Preservative Ethanol Reveals Changes in Invertebrate Community Composition Following Rotenone Treatment. Frontiers in Environmental Science, 2022, 10, .	3.3	1
26	Technical challenges when scaling up macroinvertebrate DNA metabarcoding. ARPHA Conference Abstracts, 0, 4, .	0.0	0
27	The use of eDNA and DNA metabarcoding in monitoring the ecological condition of Norwegian lakes. ARPHA Conference Abstracts, 0, 4, .	0.0	0