

Marttiina V Rantala

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

277
citations

933447

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24
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docs citations

24
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343
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources and controls of organic carbon in lakes across the subarctic treeline. <i>Biogeochemistry</i> , 2016, 129, 235-253.	3.5	33
2	Environmental determinants of chironomid communities in remote northern lakes across the treeline – Implications for climate change assessments. <i>Ecological Indicators</i> , 2016, 61, 991-999.	6.3	28
3	Role of terrestrial carbon in aquatic UV exposure and photoprotective pigmentation of meiofauna in subarctic lakes. <i>Freshwater Biology</i> , 2015, 60, 2435-2444.	2.4	23
4	Temperature controls organic carbon sequestration in a subarctic lake. <i>Scientific Reports</i> , 2016, 6, 34780.	3.3	22
5	Climate drivers of diatom distribution in shallow subarctic lakes. <i>Freshwater Biology</i> , 2017, 62, 1971-1985.	2.4	19
6	Biogeochemical cycling and ecological thresholds in a High Arctic lake (Svalbard). <i>Aquatic Sciences</i> , 2019, 81, 1.	1.5	18
7	Climate controls on the Holocene development of a subarctic lake in northern Fennoscandia. <i>Quaternary Science Reviews</i> , 2015, 126, 175-185.	3.0	15
8	Environmental controls on benthic food web functions and carbon resource use in subarctic lakes. <i>Freshwater Biology</i> , 2019, 64, 643-658.	2.4	15
9	Late Holocene changes in the humic state of a boreal lake and their associations with organic matter transport and climate dynamics. <i>Biogeochemistry</i> , 2015, 123, 63-82.	3.5	14
10	Spatio-temporal cladoceran (Branchiopoda) responses to climate change and UV radiation in subarctic ecotonal lakes. <i>Journal of Biogeography</i> , 2018, 45, 1954-1965.	3.0	12
11	Sedimentary cladoceran assemblages and their functional attributes record late Holocene climate variability in southern Finland. <i>Journal of Paleolimnology</i> , 2015, 54, 239-252.	1.6	11
12	Characterization of the Medieval Climate Anomaly, Little Ice Age and recent warming in northern Lapland. <i>International Journal of Climatology</i> , 2017, 37, 1257-1266.	3.5	11
13	Long-term changes in pigmentation of arctic <i>Daphnia</i> provide potential for reconstructing aquatic UV exposure. <i>Quaternary Science Reviews</i> , 2016, 144, 44-50.	3.0	10
14	Ultraviolet radiation exposure of a high arctic lake in Svalbard during the Holocene. <i>Boreas</i> , 2015, 44, 401-412.	2.4	9
15	Recent changes in chironomid communities and hypolimnetic oxygen conditions relate to organic carbon in subarctic ecotonal lakes. <i>Science of the Total Environment</i> , 2019, 646, 238-244.	8.0	9
16	Tracking the Limnoecological History of Lake Hiidenvesi (Southern Finland) Using the Paleolimnological Approach. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	8
17	Biogeochemical and photobiological responses of subarctic lakes to UV radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 209, 111932.	3.8	6
18	Late-Holocene variability in chironomid functional assemblages and carbon utilization in a tundra lake food web. <i>Hydrobiologia</i> , 2020, 847, 895-911.	2.0	4

#	ARTICLE	IF	CITATIONS
19	A hidden species becoming visible: biogeography and ecology of <i>Rhynchotalona latens</i> (Cladocera,) Tj ETQq1 1 0.784314 rgBJ /Overloch	2.0	3
20	Cladoceran (Crustacea) Niches, Sex, and Sun Bathingâ€™A Long-Term Record of Tundra Lake (Lapland) Functioning and Paleo-Optics. <i>Water</i> (Switzerland), 2019, 11, 2008.	2.7	2
21	A Holocene record of aquatic bio-optics in subarctic fennoscandia. <i>Quaternary Science Reviews</i> , 2020, 243, 106491.	3.0	2
22	Traces of sunlight in the organic matter biogeochemistry of two shallow subarctic lakes. <i>Biogeochemistry</i> , 2021, 155, 169-188.	3.5	2
23	Sea level rise may contribute to the greening of Arctic coastal freshwaters â€™ Implications from the ontogeny of Greiner Lake, Nunavut, Canada. <i>Catena</i> , 2022, 211, 105969.	5.0	1