Sari Peura

List of Publications by Year
in descending order

38 papers	1,232 citations	430442 18 h-index	395343 33 g-index
48 all docs	48 docs citations	48 times ranked	1992 citing authors

#	Article	IF	Citations
1	Development of gut microbiota during the first 2Âyears of life. Scientific Reports, 2022, 12, .	1.6	23
2	Substrate type determines microbial activity and community composition in bioreactors for nitrate removal by denitrification at low temperature. Science of the Total Environment, 2021, 755, 143023.	3.9	32
3	Comprehensive dataset of shotgun metagenomes from oxygen stratified freshwater lakes and ponds. Scientific Data, 2021, 8, 131.	2.4	48
4	Freshwater Chlorobia Exhibit Metabolic Specialization among Cosmopolitan and Endemic Populations. MSystems, 2021, 6, .	1.7	8
5	Declining fungal diversity in Arctic freshwaters along a permafrost thaw gradient. Global Change Biology, 2021, 27, 5889-5906.	4.2	10
6	Community composition of aquatic fungi across the thawing Arctic. Scientific Data, 2021, 8, 221.	2.4	0
7	Candidatus Methylumidiphilus Drives Peaks in Methanotrophic Relative Abundance in Stratified Lakes and Ponds Across Northern Landscapes. Frontiers in Microbiology, 2021, 12, 669937.	1.5	11
8	Phosphorus Regulation of Methane Oxidation in Water From Iceâ€€overed Lakes. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006190.	1.3	8
9	Vertical stratification patterns of methanotrophs and their genetic controllers in water columns of oxygen-stratified boreal lakes. FEMS Microbiology Ecology, 2021, 97, .	1.3	29
10	Comprehensive analysis of chemical and biological problems associated with browning agents used in aquatic studies. Limnology and Oceanography: Methods, 2021, 19, 818-835.	1.0	11
11	Editorial: Methanotrophs: Diversity, Environmental Relevance and Applications. Frontiers in Microbiology, 2021, 12, 796861.	1.5	0
12	Nonâ€€yanobacterial diazotrophs dominate nitrogenâ€€fixing communities in permafrost thaw ponds. Limnology and Oceanography, 2020, 65, S180.	1.6	19
13	Ontogenic succession of thermokarst thaw ponds is linked to dissolved organic matter quality and microbial degradation potential. Limnology and Oceanography, 2020, 65, S248.	1.6	15
14	Diazotroph Genomes and Their Seasonal Dynamics in a Stratified Humic Bog Lake. Frontiers in Microbiology, 2020, 11, 1500.	1.5	10
15	Archaea in boreal Swedish lakes are diverse, dominated by Woesearchaeota and follow deterministic community assembly. Environmental Microbiology, 2020, 22, 3158-3171.	1.8	19
16	Ecosystem responses to increased organic carbon concentration: comparing results based on long-term monitoring and whole-lake experimentation. Inland Waters, 2019, 9, 489-502.	1.1	9
17	Vertical stratification of bacteria and archaea in sediments of a small boreal humic lake. FEMS Microbiology Letters, 2019, 366, .	0.7	30
18	Oral Microbiota Development in Early Childhood. Scientific Reports, 2019, 9, 19025.	1.6	30

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19	Decreased Snow Cover Stimulates Under-Ice Primary Producers but Impairs Methanotrophic Capacity. MSphere, 2019, 4, .	1.3	18
20	Normal values for calprotectin in stool samples of infants from the population-based longitudinal born into life study. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 120-124.	0.6	12
21	Increasing dominance of terrigenous organic matter in circumpolar freshwaters due to permafrost thaw. Limnology and Oceanography Letters, 2018, 3, 186-198.	1.6	121
22	Whole-Lake Sugar Addition Demonstrates Trophic Transfer of Dissolved Organic Carbon to Top Consumers. Ecosystems, 2018, 21, 495-506.	1.6	5
23	Methanogens and Iron-Reducing Bacteria: the Overlooked Members of Mercury-Methylating Microbial Communities in Boreal Lakes. Applied and Environmental Microbiology, 2018, 84, .	1.4	46
24	Novel Autotrophic Organisms Contribute Significantly to the Internal Carbon Cycling Potential of a Boreal Lake. MBio, 2018, 9, .	1.8	18
25	Gammaproteobacterial methanotrophs dominate methanotrophy in aerobic and anaerobic layers of boreal lake waters. Aquatic Microbial Ecology, 2018, 81, 257-276.	0.9	72
26	Poorly known microbial taxa dominate the microbiome of permafrost thaw ponds. ISME Journal, 2017, 11, 1938-1941.	4.4	32
27	Effects of alternative electron acceptors on the activity and community structure of methane-producing and consuming microbes in the sediments of two shallow boreal lakes. FEMS Microbiology Ecology, 2017, 93, .	1.3	33
28	Allochthonous carbon is a major regulator to bacterial growth and community composition in subarctic freshwaters. Scientific Reports, 2016, 6, 34456.	1.6	55
29	Metagenomic insights into strategies of aerobic and anaerobic carbon and nitrogen transformation in boreal lakes. Scientific Reports, 2015, 5, 12102.	1.6	39
30	Resistant Microbial Cooccurrence Patterns Inferred by Network Topology. Applied and Environmental Microbiology, 2015, 81, 2090-2097.	1.4	104
31	Enhanced greenhouse gas emissions and changes in plankton communities following an experimental increase in organic carbon loading to a humic lake. Biogeochemistry, 2014, 118, 177-194.	1.7	21
32	Unveiling Distribution Patterns of Freshwater Phytoplankton by a Next Generation Sequencing Based Approach. PLoS ONE, 2013, 8, e53516.	1.1	120
33	Green sulphur bacteria as a component of the photosynthetic plankton community in small dimictic humic lakes with an anoxic hypolimnion. Aquatic Microbial Ecology, 2013, 68, 267-272.	0.9	27
34	Distinct and diverse anaerobic bacterial communities in boreal lakes dominated by candidate division OD1. ISME Journal, 2012, 6, 1640-1652.	4.4	136
35	Bacterial and Phytoplankton Responses to Nutrient Amendments in a Boreal Lake Differ According to Season and to Taxonomic Resolution. PLoS ONE, 2012, 7, e38552.	1.1	30
36	Impacts of added dissolved organic carbon on boreal freshwater pelagic metabolism and food webs in mesocosm experiments. Fundamental and Applied Limnology, 2010, 177, 161-176.	0.4	19

#	Article	IF	Citations
37	New molecular methods to assess biodiversity. Potentials and pitfalls of DNA metabarcoding: a workshop report. Research Ideas and Outcomes, 0, 5, .	1.0	2
38	The role of organic matter and microbial community controlling nitrate reduction under elevated ferrous iron concentrations in boreal lake sediments. Hydrobiologia, 0, , 1.	1.0	4