Lars Ganzert

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2200654/publications.pdf

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32	1,564	361388	434170
papers	citations	20 h-index	31 g-index

34	34	34	2366
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transitory microbial habitat in the hyperarid Atacama Desert. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2670-2675.	7.1	172
2	Thermal state of permafrost and activeâ€layer monitoring in the antarctic: Advances during the international polar year 2007â€“2009. Permafrost and Periglacial Processes, 2010, 21, 182-197.	3.4	167
3	Characterization of bacterial communities in wastewater with enhanced taxonomic resolution by full-length 16S rRNA sequencing. Scientific Reports, 2019, 9, 9673.	3.3	138
4	The impact of different soil parameters on the community structure of dominant bacteria from nine different soils located on Livingston Island, South Shetland Archipelago, Antarctica. FEMS Microbiology Ecology, 2011, 76, 476-491.	2.7	107
5	Methanogenic communities in permafrost-affected soils of the Laptev Sea coast, Siberian Arctic, characterized by 16S rRNA gene fingerprints. FEMS Microbiology Ecology, 2007, 59, 476-488.	2.7	100
6	Bacterial community composition and diversity of five different permafrost-affected soils of Northeast Greenland. FEMS Microbiology Ecology, 2014, 89, 426-441.	2.7	77
7	Methanosarcina soligelidi sp. nov., a desiccation- and freeze-thaw-resistant methanogenic archaeon from a Siberian permafrost-affected soil. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2986-2991.	1.7	74
8	Methane-cycling communities in a permafrost-affected soil on Herschel Island, Western Canadian Arctic: active layer profiling ofmcrAandpmoAgenes. FEMS Microbiology Ecology, 2012, 82, 287-302.	2.7	72
9	Do shifts in life strategies explain microbial community responses to increasing nitrogen in tundra soil?. Soil Biology and Biochemistry, 2016, 96, 216-228.	8.8	62
10	Shifts in methanogenic community composition and methane fluxes along the degradation of discontinuous permafrost. Frontiers in Microbiology, 2015, 6, 356.	3.5	53
11	Grazing intensity in subarctic tundra affects the temperature adaptation of soil microbial communities. Soil Biology and Biochemistry, 2015, 84, 147-157.	8.8	51
12	Arthrobacter livingstonensis sp. nov. and Arthrobacter cryotolerans sp. nov., salt-tolerant and psychrotolerant species from Antarctic soil. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 979-984.	1.7	48
13	Methanobacterium movilense sp. nov., a hydrogenotrophic, secondary-alcohol-utilizing methanogen from the anoxic sediment of a subsurface lake. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 522-527.	1.7	44
14	Methanosarcina spelaei sp. nov., a methanogenic archaeon isolated from a floating biofilm of a subsurface sulphurous lake. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3478-3484.	1.7	43
15	Cryobacterium arcticum sp. nov., a psychrotolerant bacterium from an Arctic soil. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1849-1853.	1.7	42
16	Photosynthesisâ€driven methane production in oxic lake water as an important contributor to methane emission. Limnology and Oceanography, 2020, 65, 2853-2865.	3.1	38
17	The Role of Land Use Types and Water Chemical Properties in Structuring the Microbiomes of a Connected Lake System. Frontiers in Microbiology, 2020, 11, 89.	3.5	32
18	Herbaspirillum psychrotolerans sp. nov., a member of the family Oxalobacteraceae from a glacier forefield. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3197-3203.	1.7	31

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19	Leifsonia psychrotolerans sp. nov., a psychrotolerant species of the family Microbacteriaceae from Livingston Island, Antarctica. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1938-1943.	1.7	27
20	Chryseobacterium frigidisoli sp. nov., a psychrotolerant species of the family Flavobacteriaceae isolated from sandy permafrost from a glacier forefield. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2666-2671.	1.7	23
21	Dry-wet cycles of kettle hole sediments leave a microbial and biogeochemical legacy. Science of the Total Environment, 2018, 627, 985-996.	8.0	20
22	Organic matter quality structures benthic fatty acid patterns and the abundance of fungi and bacteria in temperate lakes. Science of the Total Environment, 2018, 610-611, 469-481.	8.0	20
23	Floodplain soil and its bacterial composition are strongly affected by depth. FEMS Microbiology Ecology, 2019, 95, .	2.7	20
24	Seasonality of parasitic and saprotrophic zoosporic fungi: linking sequence data to ecological traits. ISME Journal, 2022, 16, 2242-2254.	9.8	19
25	From Water into Sedimentâ€"Tracing Freshwater Cyanobacteria via DNA Analyses. Microorganisms, 2021, 9, 1778.	3.6	16
26	Deep weathering in the semi-arid Coastal Cordillera, Chile. Scientific Reports, 2021, 11, 13057.	3.3	12
27	Urbanization promotes specific bacteria in freshwater microbiomes including potential pathogens. Science of the Total Environment, 2022, 845, 157321.	8.0	12
28	Effects of zooplankton carcasses degradation on freshwater bacterial community composition and implications for carbon cycling. Environmental Microbiology, 2019, 21, 34-49.	3.8	11
29	Highly diverse fungal communities in carbon-rich aquifers of two contrasting lakes in Northeast Germany. Fungal Ecology, 2019, 41, 116-125.	1.6	9
30	Variation of bacterial communities along the vertical gradient in Lake Issyk Kul, Kyrgyzstan. Environmental Microbiology Reports, 2021, 13, 337-347.	2.4	9
31	Species-Level Spatio-Temporal Dynamics of Cyanobacteria in a Hard-Water Temperate Lake in the Southern Baltics. Frontiers in Microbiology, 2021, 12, 761259.	3.5	9
32	Corrigendum to: Photosynthesisâ€driven methane production in oxic lake water as an important contributor to methane emission. Limnology and Oceanography, 2021, 66, 2583-2583.	3.1	0