

# Dirk Wagner

## List of Publications by Year in descending order

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129  
papers

5,620  
citations

61945

43  
h-index

98753

67  
g-index

147  
all docs

147  
docs citations

147  
times ranked

5952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Sulfate Reduction in Deep Subseafloor Sediment of Guaymas Basin. <i>Frontiers in Microbiology</i> , 2022, 13, 845250.	1.5	2
2	Impact of Climate and Slope Aspects on the Composition of Soil Bacterial Communities Involved in Pedogenetic Processes along the Chilean Coastal Cordillera. <i>Microorganisms</i> , 2022, 10, 847.	1.6	7
3	<i>Paenalcigenes niemegkensis</i> sp. nov., a novel species of the family Alcaligenaceae isolated from plastic waste. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 71, .	0.8	1
4	<i>Nocardioides alcanivorans</i> sp. nov., a novel hexadecane-degrading species isolated from plastic waste. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	6
5	Landslides: An emerging model for ecosystem and soil chronosequence research. <i>Earth-Science Reviews</i> , 2022, 231, 104064.	4.0	10
6	Living Lithic and Sublithic Bacterial Communities in Namibian Drylands. <i>Microorganisms</i> , 2021, 9, 235.	1.6	8
7	Permafrost Carbon and CO <sub>2</sub> Pathways Differ at Contrasting Coastal Erosion Sites in the Canadian Arctic. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	21
8	Organic matter mineralization in modern and ancient ferruginous sediments. <i>Nature Communications</i> , 2021, 12, 2216.	5.8	25
9	Geochemical Characteristics of Sediment in Tropical Lake Sentani, Indonesia, Are Influenced by Spatial Differences in Catchment Geology and Water Column Stratification. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	4
10	Metaplasmidome-encoded functions of Siberian low-centered polygonal tundra soils. <i>ISME Journal</i> , 2021, 15, 3258-3270.	4.4	2
11	Microbial Hotspots in Lithic Microhabitats Inferred from DNA Fractionation and Metagenomics in the Atacama Desert. <i>Microorganisms</i> , 2021, 9, 1038.	1.6	19
12	Evaluating sedimentary DNA for tracing changes in cyanobacteria dynamics from sediments spanning the last 350 years of Lake Tiefer See, NE Germany. <i>Journal of Paleolimnology</i> , 2021, 66, 279-296.	0.8	9
13	The Microbiome Associated with the Reef Builder <i>Neogoniolithon</i> sp. in the Eastern Mediterranean. <i>Microorganisms</i> , 2021, 9, 1374.	1.6	3
14	Deep weathering in the semi-arid Coastal Cordillera, Chile. <i>Scientific Reports</i> , 2021, 11, 13057.	1.6	12
15	Influence of prokaryotic microorganisms on initial soil formation along a glacier forefield on King George Island, maritime Antarctica. <i>Scientific Reports</i> , 2021, 11, 13135.	1.6	15
16	Rapid soil and vegetation changes at regional scale in continental Antarctica. <i>Geoderma</i> , 2021, 394, 115017.	2.3	20
17	From Water into Sediment – Tracing Freshwater Cyanobacteria via DNA Analyses. <i>Microorganisms</i> , 2021, 9, 1778.	1.6	16
18	Effects of a long-term anoxic warming scenario on microbial community structure and functional potential of permafrost-affected soil. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 641-656.	1.5	11

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19	The Terrestrial Plastisphere: Diversity and Polymer-Colonizing Potential of Plastic-Associated Microbial Communities in Soil. <i>Microorganisms</i> , 2021, 9, 1876.	1.6	28
20	Species-Level Spatio-Temporal Dynamics of Cyanobacteria in a Hard-Water Temperate Lake in the Southern Baltics. <i>Frontiers in Microbiology</i> , 2021, 12, 761259.	1.5	9
21	Acclimation of a rocky shore algal reef builder <i>Neogoniolithon</i> sp. to changing illuminations. <i>Limnology and Oceanography</i> , 2020, 65, 27-36.	1.6	5
22	Methanogenic Archaea Can Produce Methane in Deliquescence-Driven Mars Analog Environments. <i>Scientific Reports</i> , 2020, 10, 6.	1.6	30
23	A chemical and microbial characterization of selected mud volcanoes in Trinidad reveals pathogens introduced by surface water and rain water. <i>Science of the Total Environment</i> , 2020, 707, 136087.	3.9	5
24	Microbial Signatures in Deep CO <sub>2</sub> -Saturated Miocene Sediments of the Active HartouÅřov Mofette System (NW Czech Republic). <i>Frontiers in Microbiology</i> , 2020, 11, 543260.	1.5	5
25	Discovery and Characterization of a New Cold-Active Protease From an Extremophilic Bacterium via Comparative Genome Analysis and in vitro Expression. <i>Frontiers in Microbiology</i> , 2020, 11, 881.	1.5	20
26	Methanogenic response to long-term permafrost thaw is determined by paleoenvironment. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	23
27	Potentially pathogenic bacteria isolated from diverse habitats in Spitsbergen, Svalbard. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	11
28	Environmental patterns of brown moss- and Sphagnum-associated microbial communities. <i>Scientific Reports</i> , 2020, 10, 22412.	1.6	9
29	Rapid CO <sub>2</sub> Release From Eroding Permafrost in Seawater. <i>Geophysical Research Letters</i> , 2019, 46, 11244-11252.	1.5	54
30	Pedogenic and microbial interrelation in initial soils under semiarid climate on James Ross Island, Antarctic Peninsula region. <i>Biogeosciences</i> , 2019, 16, 2481-2499.	1.3	19
31	Response of Methanogenic Archaea from Siberian Permafrost and Non-permafrost Environments to Simulated Mars-like Desiccation and the Presence of Perchlorate. <i>Astrobiology</i> , 2019, 19, 197-208.	1.5	14
32	Limits of Life and the Habitability of Mars: The ESA Space Experiment BIOMEX on the ISS. <i>Astrobiology</i> , 2019, 19, 145-157.	1.5	111
33	Microbial Life Signatures in One of the Driest Areas on Earth - The Atacama Desert. , 2019, , .		0
34	Microbial community composition and abundance after millennia of submarine permafrost warming. <i>Biogeosciences</i> , 2019, 16, 3941-3958.	1.3	7
35	Permafrost landslides promote soil CO <sub>2</sub> emission and hinder C accumulation. <i>Science of the Total Environment</i> , 2019, 657, 351-364.	3.9	22
36	Transitory microbial habitat in the hyperarid Atacama Desert. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2670-2675.	3.3	172

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37	Anaerobic methanotrophic communities thrive in deep submarine permafrost. <i>Scientific Reports</i> , 2018, 8, 1291.	1.6	58
38	Microbial Community Responses to Modern Environmental and Past Climatic Conditions in Omongwa Pan, Western Kalahari: A Paired 16S rRNA Gene Profiling and Lipid Biomarker Approach. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1333-1351.	1.3	15
39	Linkages between geochemistry and microbiology in a proglacial terrain in the High Arctic. <i>Annals of Glaciology</i> , 2018, 59, 95-110.	2.8	11
40	Influence of CO <sub>2</sub> Degassing on the Microbial Community in a Dry Mofette Field in HartouÅ¡ov, Czech Republic (Western Eger Rift). <i>Frontiers in Microbiology</i> , 2018, 9, 2787.	1.5	8
41	Desiccation- and Saline-Tolerant Bacteria and Archaea in Kalahari Pan Sediments. <i>Frontiers in Microbiology</i> , 2018, 9, 2082.	1.5	36
42	Metabolic potential of microbial communities from ferruginous sediments. <i>Environmental Microbiology</i> , 2018, 20, 4297-4313.	1.8	33
43	Pedogenic and microbial interrelations to regional climate and local topography: New insights from a climate gradient (arid to humid) along the Coastal Cordillera of Chile. <i>Catena</i> , 2018, 170, 335-355.	2.2	77
44	Chemistry and microbiology of the Critical Zone along a steep climate and vegetation gradient in the Chilean Coastal Cordillera. <i>Catena</i> , 2018, 170, 183-203.	2.2	64
45	Identification of a novel fatty acid in the cell membrane of <i>Chryseobacterium frigidisoli</i> PB4 T isolated from an East Antarctic glacier forefield. <i>Organic Geochemistry</i> , 2017, 106, 68-75.	0.9	7
46	Present and past microbial life in continental pan sediments and its response to climate variability in the southern Kalahari. <i>Organic Geochemistry</i> , 2017, 108, 30-42.	0.9	16
47	A simple and inexpensive technique for assessing contamination during drilling operations. <i>Limnology and Oceanography: Methods</i> , 2017, 15, 200-211.	1.0	27
48	In-depth analysis of core methanogenic communities from high elevation permafrost-affected wetlands. <i>Soil Biology and Biochemistry</i> , 2017, 111, 66-77.	4.2	36
49	Effect of varying soil water potentials on methanogenesis in aerated marshland soils. <i>Scientific Reports</i> , 2017, 7, 14706.	1.6	24
50	The development of permafrost bacterial communities under submarine conditions. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1689-1704.	1.3	21
51	Editorial: Polar and Alpine Microbiology—Earth's cryobiosphere. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw221.	1.3	9
52	Community structure of rare methanogenic archaea: insight from a single functional group. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	16
53	Cell Membrane Fatty Acid Composition of <i>Chryseobacterium frigidisoli</i> PB4T, Isolated from Antarctic Glacier Forefield Soils, in Response to Changing Temperature and pH Conditions. <i>Frontiers in Microbiology</i> , 2017, 8, 677.	1.5	61
54	Global Biogeographic Analysis of Methanogenic Archaea Identifies Community-Shaping Environmental Factors of Natural Environments. <i>Frontiers in Microbiology</i> , 2017, 8, 1339.	1.5	70

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55	Preservation and Significance of Extracellular DNA in Ferruginous Sediments from Lake Towuti, Indonesia. <i>Frontiers in Microbiology</i> , 2017, 8, 1440.	1.5	81
56	Microbiological and Geochemical Survey of CO <sub>2</sub> -Dominated Mofette and Mineral Waters of the Cheb Basin, Czech Republic. <i>Frontiers in Microbiology</i> , 2017, 8, 2446.	1.5	43
57	Effect of salinity on microbial methane oxidation in freshwater and marine environments. <i>Aquatic Microbial Ecology</i> , 2017, 80, 181-192.	0.9	17
58	Source, transport and fate of soil organic matter inferred from microbial biomarker lipids on the East Siberian Arctic Shelf. <i>Biogeosciences</i> , 2016, 13, 4899-4914.	1.3	16
59	Geomicrobiological Features of Ferruginous Sediments from Lake Towuti, Indonesia. <i>Frontiers in Microbiology</i> , 2016, 7, 1007.	1.5	47
60	Methane turnover and methanotrophic communities in arctic aquatic ecosystems of the Lena Delta, Northeast Siberia. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiv116.	1.3	16
61	Planetary Protection and Mars Special Regions—A Suggestion for Updating the Definition. <i>Astrobiology</i> , 2016, 16, 119-125.	1.5	36
62	Propidium monoazide treatment to distinguish between live and dead methanogens in pure cultures and environmental samples. <i>Journal of Microbiological Methods</i> , 2016, 121, 11-23.	0.7	32
63	Shifts in methanogenic community composition and methane fluxes along the degradation of discontinuous permafrost. <i>Frontiers in Microbiology</i> , 2015, 6, 356.	1.5	53
64	Enhanced Radiation Resistance of <i>Methanosarcina soligelidi</i> SMA-21, a New Methanogenic Archaeon Isolated from a Siberian Permafrost-Affected Soil in Direct Comparison to <i>Methanosarcina barkeri</i> . <i>Astrobiology</i> , 2015, 15, 951-960.	1.5	13
65	Genome Sequence of <i>Methanosarcina soligelidi</i> SMA-21, Isolated from Siberian Permafrost-Affected Soil. <i>Genome Announcements</i> , 2015, 3, .	0.8	7
66	Influence of Martian regolith analogs on the activity and growth of methanogenic archaea, with special regard to long-term desiccation. <i>Frontiers in Microbiology</i> , 2015, 6, 210.	1.5	25
67	Environmental factors affecting methane distribution and bacterial methane oxidation in the German Bight (North Sea). <i>Estuarine, Coastal and Shelf Science</i> , 2015, 160, 10-21.	0.9	46
68	Confocal Raman microspectroscopy reveals a convergence of the chemical composition in methanogenic archaea from a Siberian permafrost-affected soil. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv126.	1.3	10
69	<i>Methanosarcina spelaei</i> sp. nov., a methanogenic archaeon isolated from a floating biofilm of a subsurface sulphurous lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3478-3484.	0.8	43
70	Impact of Lake-Level and Climate Changes on Microbial Communities in a Terrestrial Permafrost Sequence of the El'gygytyn Crater, Far East Russian Arctic. <i>Permafrost and Periglacial Processes</i> , 2014, 25, 107-116.	1.5	14
71	Bacterial community composition and diversity of five different permafrost-affected soils of Northeast Greenland. <i>FEMS Microbiology Ecology</i> , 2014, 89, 426-441.	1.3	77
72	Bacterial community structure in soils of the Tibetan Plateau affected by discontinuous permafrost or seasonal freezing. <i>Biology and Fertility of Soils</i> , 2014, 50, 555-559.	2.3	15

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73	<i>Methanobacterium movilense</i> sp. nov., a hydrogenotrophic, secondary-alcohol-utilizing methanogen from the anoxic sediment of a subsurface lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 522-527.	0.8	44
74	Laser spectroscopic real time measurements of methanogenic activity under simulated Martian subsurface analog conditions. <i>Planetary and Space Science</i> , 2014, 98, 198-204.	0.9	24
75	Single-cell analysis of the methanogenic archaeon <i>Methanosarcina soligelidi</i> from Siberian permafrost by means of confocal Raman microspectroscopy for astrobiological research. <i>Planetary and Space Science</i> , 2014, 98, 191-197.	0.9	18
76	Taxonomic database and cut-off value for processing <i>mcrA</i> gene 454 pyrosequencing data by MOTHUR. <i>Journal of Microbiological Methods</i> , 2014, 103, 3-5.	0.7	93
77	Microbial Functional Potential and Community Composition in Permafrost-Affected Soils of the NW Canadian Arctic. <i>PLoS ONE</i> , 2014, 9, e84761.	1.1	79
78	Predicting long-term carbon mineralization and trace gas production from thawing permafrost of the North Siberia. <i>Global Change Biology</i> , 2013, 19, 1160-1172.	4.2	161
79	<i>Methanosarcina soligelidi</i> sp. nov., a desiccation- and freeze-thaw-resistant methanogenic archaeon from a Siberian permafrost-affected soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2986-2991.	0.8	74
80	Bacterial succession in Antarctic soils of two glacier forefields on Larsemann Hills, East Antarctica. <i>FEMS Microbiology Ecology</i> , 2013, 85, 128-142.	1.3	113
81	<i>Chryseobacterium frigidisoli</i> sp. nov., a psychrotolerant species of the family Flavobacteriaceae isolated from sandy permafrost from a glacier forefield. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2666-2671.	0.8	23
82	Eger Rift ICDP: an observatory for study of non-volcanic, mid-crustal earthquake swarms and accompanying phenomena. <i>Scientific Drilling</i> , 2013, 16, 93-99.	1.0	21
83	<i>Herbaspirillum psychrotolerans</i> sp. nov., a member of the family Oxalobacteraceae from a glacier forefield. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3197-3203.	0.8	31
84	Response of methanogenic archaea to Late Pleistocene and Holocene climate changes in the Siberian Arctic. <i>Global Biogeochemical Cycles</i> , 2013, 27, 305-317.	1.9	42
85	Polar and alpine microbiology. <i>FEMS Microbiology Ecology</i> , 2012, 82, 215-216.	1.3	5
86	Supporting Mars exploration: BIOMEX in Low Earth Orbit and further astrobiological studies on the Moon using Raman and PanCam technology. <i>Planetary and Space Science</i> , 2012, 74, 103-110.	0.9	77
87	Microbes in thawing permafrost: the unknown variable in the climate change equation. <i>ISME Journal</i> , 2012, 6, 709-712.	4.4	153
88	Methane-cycling communities in a permafrost-affected soil on Herschel Island, Western Canadian Arctic: active layer profiling of <i>mcrA</i> and <i>pmoA</i> genes. <i>FEMS Microbiology Ecology</i> , 2012, 82, 287-302.	1.3	72
89	Habitable periglacial landscapes in martian mid-latitudes. <i>Icarus</i> , 2012, 219, 345-357.	1.1	36
90	<i>Cryobacterium arcticum</i> sp. nov., a psychrotolerant bacterium from an Arctic soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1849-1853.	0.8	42

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91	<i>Arthrobacter livingstonensis</i> sp. nov. and <i>Arthrobacter cryotolerans</i> sp. nov., salt-tolerant and psychrotolerant species from Antarctic soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 979-984.	0.8	48
92	Life and applications of extremophiles. <i>Environmental Microbiology</i> , 2011, 13, 1903-1907.	1.8	49
93	Methane oxidation associated with submerged brown mosses reduces methane emissions from Siberian polygonal tundra. <i>Journal of Ecology</i> , 2011, 99, 914-922.	1.9	91
94	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. <i>FEMS Microbiology Ecology</i> , 2011, 76, 476-491.	1.3	107
95	<i>Leifsonia psychrotolerans</i> sp. nov., a psychrotolerant species of the family Microbacteriaceae from Livingston Island, Antarctica. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1938-1943.	0.8	27
96	Thermal state of permafrost and active layer monitoring in the antarctic: Advances during the international polar year 2007-2009. <i>Permafrost and Periglacial Processes</i> , 2010, 21, 182-197.	1.5	167
97	Lateglacial and Holocene isotopic and environmental history of northern coastal Alaska - Results from a buried ice-wedge system at Barrow. <i>Quaternary Science Reviews</i> , 2010, 29, 3720-3735.	1.4	58
98	Permafrost - Current and Future Challenges to Study Methanotrophy in Permafrost-Affected Tundra and Wetlands. , 2010, , 2173-2179.		2
99	Methanogenesis in Arctic Permafrost Habitats. , 2010, , 655-663.		9
100	Microcosm Experiments for Simulation of Freeze-Thaw Cycles and Studying Methane Dynamics in Permafrost-Affected Soils. , 2010, , 3453-3460.		1
101	Diversity of Aerobic Methanotrophic Bacteria in a Permafrost Active Layer Soil of the Lena Delta, Siberia. <i>Microbial Ecology</i> , 2009, 57, 25-35.	1.4	96
102	Methanogenic community composition and anaerobic carbon turnover in submarine permafrost sediments of the Siberian Laptev Sea. <i>Environmental Microbiology</i> , 2009, 11, 657-668.	1.8	48
103	Land cover classification of tundra environments in the Arctic Lena Delta based on Landsat 7 ETM+ data and its application for upscaling of methane emissions. <i>Remote Sensing of Environment</i> , 2009, 113, 380-391.	4.6	123
104	Temperature adaptation of microbial communities in different horizons of Siberian permafrost-affected soils from the Lena Delta. <i>Chemie Der Erde</i> , 2009, 69, 169-182.	0.8	29
105	Bacterial community structure and carbon turnover in permafrost-affected soils of the Lena Delta, northeastern Siberia This article is one of a selection of papers in the Special Issue on Polar and Alpine Microbiology.. <i>Canadian Journal of Microbiology</i> , 2009, 55, 73-83.	0.8	62
106	Global Warming and Carbon Dynamics in Permafrost Soils: Methane Production and Oxidation. <i>Soil Biology</i> , 2009, , 219-236.	0.6	23
107	Methane emission from Siberian arctic polygonal tundra: eddy covariance measurements and modeling. <i>Global Change Biology</i> , 2008, 14, 1395-1408.	4.2	224
108	Biotic and abiotic factors influencing soil properties across a latitudinal gradient in Victoria Land, Antarctica. <i>Geoderma</i> , 2008, 144, 50-65.	2.3	84



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109	Microbial Communities and Processes in Arctic Permafrost Environments. <i>Soil Biology</i> , 2008, , 133-154.	0.6	37
110	The use of GPR to detect active layers in young periglacial terrain of Livingston Island, Maritime Antarctica. <i>Near Surface Geophysics</i> , 2008, 6, 331-336.	0.6	18
111	Bacterial diversity and community structure in polygonal tundra soils from Samoylov Island, Lena Delta, Siberia. <i>International Microbiology</i> , 2008, 11, 195-202.	1.1	59
112	Abundance, distribution and potential activity of methane oxidizing bacteria in permafrost soils from the Lena Delta, Siberia. <i>Environmental Microbiology</i> , 2007, 9, 107-117.	1.8	96
113	Methanogenic activity and biomass in Holocene permafrost deposits of the Lena Delta, Siberian Arctic and its implication for the global methane budget. <i>Global Change Biology</i> , 2007, 13, 1089-1099.	4.2	121
114	Methanogenic communities in permafrost-affected soils of the Laptev Sea coast, Siberian Arctic, characterized by 16S rRNA gene fingerprints. <i>FEMS Microbiology Ecology</i> , 2007, 59, 476-488.	1.3	100
115	Stress response of methanogenic archaea from Siberian permafrost compared with methanogens from nonpermafrost habitats. <i>FEMS Microbiology Ecology</i> , 2007, 61, 16-25.	1.3	72
116	Survival of Methanogenic Archaea from Siberian Permafrost under Simulated Martian Thermal Conditions. <i>Origins of Life and Evolution of Biospheres</i> , 2007, 37, 189-200.	0.8	65
117	Methanogenic activity and biomass in Holocene permafrost deposits of the Lena Delta, Siberian Arctic and its implication for the global methane budget. <i>Global Change Biology</i> , 2007, .	4.2	1
118	Two temperature optima of methane production in a typical soil of the Elbe river marshland. <i>FEMS Microbiology Ecology</i> , 2006, 22, 145-153.	1.3	37
119	Methane fluxes in permafrost habitats of the Lena Delta: effects of microbial community structure and organic matter quality. <i>Environmental Microbiology</i> , 2005, 7, 1582-1592.	1.8	146
120	Element Redistribution along Hydraulic and Redox Gradients of Low-Centered Polygons, Lena Delta, Northern Siberia. <i>Soil Science Society of America Journal</i> , 2004, 68, 1002-1011.	1.2	50
121	Effect of microrelief and vegetation on methane emission from wet polygonal tundra, Lena Delta, Northern Siberia. <i>Biogeochemistry</i> , 2004, 69, 341-362.	1.7	207
122	Characterisation of microbial community composition of a Siberian tundra soil by fluorescence in situ hybridisation. <i>FEMS Microbiology Ecology</i> , 2004, 50, 13-23.	1.3	90
123	Microbial controls on methane fluxes from a polygonal tundra of the Lena Delta, Siberia. <i>Permafrost and Periglacial Processes</i> , 2003, 14, 173-185.	1.5	108
124	Simulation of freezing-thawing cycles in a permafrost microcosm for assessing microbial methane production under extreme conditions. <i>Permafrost and Periglacial Processes</i> , 2003, 14, 367-374.	1.5	11
125	Microbial Life in Terrestrial Permafrost: Methanogenesis and Nitrification in Gelisols as Potentials for Exobiological Process. , 2002, , 143-159.		7
126	Methane production in aerated marshland and model soils: effects of microflora and soil texture. <i>Soil Biology and Biochemistry</i> , 1999, 31, 999-1006.	4.2	54



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127	Microbial Carbon Cycling in Permafrost. , 0, , 181-199.		1
128	Workshop to develop deep-life continental scientific drilling projects. Scientific Drilling, 0, 19, 43-53.	1.0	5
129	Drilling into an active mofette: pilot-hole study of the impact of CO <sub>2</sub> -rich mantle-derived fluids on the geo-bio interaction in the western Eger Rift (Czech Republic). Scientific Drilling, 0, 23, 13-27.	1.0	34