

Ruth Henneberger

List of Publications by Year in descending order

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17
papers

1,009
citations

840776

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888059

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docs citations

18
times ranked

1883
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical Characterization of a Novel Monospecific Endo- β -1,4-Glucanase Belonging to GH Family 5 From a Rhizosphere Metagenomic Library. <i>Frontiers in Microbiology</i> , 2019, 10, 1342.	3.5	25
2	Positive diversity-functioning relationships in model communities of methanotrophic bacteria. <i>Ecology</i> , 2018, 99, 714-723.	3.2	30
3	Occurrence and Origin of Methane Entrapped in Sediments and Rocks of a Calcareous, Alpine Glacial Catchment. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 3633-3648.	3.0	6
4	Diurnal Patterns of Greenhouse Gas Fluxes in a Swiss Alpine Fen. <i>Wetlands</i> , 2017, 37, 193-204.	1.5	4
5	Aggregate Size Distribution of Ammonia-Oxidizing Bacteria and Archaea at Different Landscape Positions. <i>Geomicrobiology Journal</i> , 2017, 34, 895-902.	2.0	2
6	Inhibition of the growth of <i>Bacillus subtilis</i> DSM10 by a newly discovered antibacterial protein from the soil metagenome. <i>Bioengineered</i> , 2015, 6, 89-98.	3.2	15
7	Methane dynamics in an alpine fen: a field-based study on methanogenic and methanotrophic microbial communities. <i>FEMS Microbiology Ecology</i> , 2015, 91, .	2.7	15
8	Soil methane sink increases with soil age in forefields of Alpine glaciers. <i>Soil Biology and Biochemistry</i> , 2015, 84, 83-95.	8.8	21
9	Methanotrophic and Methanogenic Communities in Swiss Alpine Fens Dominated by <i>Carex rostrata</i> and <i>Eriophorum angustifolium</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 5832-5844.	3.1	23
10	Methane and Carbon Dioxide Fluxes from a European Alpine Fen Over the Snow-Free Period. <i>Wetlands</i> , 2015, 35, 1149-1163.	1.5	5
11	Field-scale tracking of active methane-oxidizing communities in a landfill cover soil reveals spatial and seasonal variability. <i>Environmental Microbiology</i> , 2015, 17, 1721-1737.	3.8	33
12	Field-scale labelling and activity quantification of methane-oxidizing bacteria in a landfill-cover soil. <i>FEMS Microbiology Ecology</i> , 2013, 83, 392-401.	2.7	12
13	$^{220}\text{Rn}/^{222}\text{Rn}$ Isotope Pair as a Natural Proxy for Soil Gas Transport. <i>Environmental Science & Technology</i> , 2013, 47, 14044-14050.	10.0	6
14	Microbial syntrophy: interaction for the common good. <i>FEMS Microbiology Reviews</i> , 2013, 37, 384-406.	8.6	664
15	Structure and function of methanotrophic communities in a landfill-cover soil. <i>FEMS Microbiology Ecology</i> , 2012, 81, 52-65.	2.7	46
16	New Insights into the Lifestyle of the Cold-Loving SM1 Euryarchaeon: Natural Growth as a Monospecies Biofilm in the Subsurface. <i>Applied and Environmental Microbiology</i> , 2006, 72, 192-199.	3.1	44
17	Ecology and microbial structures of archaeal/bacterial strings-of-pearls communities and archaeal relatives thriving in cold sulfidic springs. <i>FEMS Microbiology Ecology</i> , 2004, 50, 1-11.	2.7	58