

# Ruth Henneberger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11755136/publications.pdf>

Version: 2024-02-01

17  
papers

1,009  
citations

840776

11  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1883  
citing authors

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