

# Kenneth Wasmund

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,339  
citations

516710

16  
h-index

713466

21  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1861  
citing authors

#	ARTICLE	IF	CITATIONS
1	The life sulfuric: microbial ecology of sulfur cycling in marine sediments. Environmental Microbiology Reports, 2017, 9, 323-344.	2.4	260
2	Rational design of a microbial consortium of mucosal sugar utilizers reduces Clostridiodes difficile colonization. Nature Communications, 2020, 11, 5104.	12.8	177
3	Genome sequencing of a single cell of the widely distributed marine subsurface <i>Dehalococcoidia</i> , phylum <i>Chloroflexi</i> . ISME Journal, 2014, 8, 383-397.	9.8	172
4	Differential Responses of the Coral Host and Their Algal Symbiont to Thermal Stress. PLoS ONE, 2011, 6, e26687.	2.5	151
5	Novel Alkane Hydroxylase Gene ( <i>alkB</i> ) Diversity in Sediments Associated with Hydrocarbon Seeps in the Timor Sea, Australia. Applied and Environmental Microbiology, 2009, 75, 7391-7398.	3.1	80
6	Single-Cell Genome and Group-Specific <i>dsrAB</i> Sequencing Implicate Marine Members of the Class <i>Dehalococcoidia</i> (Phylum <i>Chloroflexi</i> ) in Sulfur Cycling. MBio, 2016, 7, .	4.1	78
7	Novel taxa of Acidobacteriota implicated in seafloor sulfur cycling. ISME Journal, 2021, 15, 3159-3180.	9.8	54
8	Bacterial interactions during sequential degradation of cyanobacterial necromass in a sulfidic arctic marine sediment. Environmental Microbiology, 2018, 20, 2927-2940.	3.8	50
9	Benzene and sulfide removal from groundwater treated in a microbial fuel cell. Biotechnology and Bioengineering, 2013, 110, 3104-3113.	3.3	48
10	Microbial diversity in sediments associated with a shallow methane seep in the tropical Timor Sea of Australia reveals a novel aerobic methanotroph diversity. FEMS Microbiology Ecology, 2009, 68, 142-151.	2.7	39
11	Anaerobic bacterial degradation of protein and lipid macromolecules in subarctic marine sediment. ISME Journal, 2021, 15, 833-847.	9.8	38
12	Defining the tipping point. A complex cellular life/death balance in corals in response to stress. Scientific Reports, 2011, 1, 160.	3.3	37
13	Genomic insights into diverse bacterial taxa that degrade extracellular DNA in marine sediments. Nature Microbiology, 2021, 6, 885-898.	13.3	29
14	Fluxes and fate of petroleum hydrocarbons in the Timor Sea ecosystem with special reference to active natural hydrocarbon seepage. Marine Chemistry, 2010, 118, 140-155.	2.3	25
15	Manganese and iron as structuring parameters of microbial communities in Arctic marine sediments from the Baffin Bay. FEMS Microbiology Ecology, 2015, 91, .	2.7	23
16	Development and application of primers for the class <i>D</i> ( <i>Dehalococcoidia</i> ) (phylum <i>C</i> ( <i>Chloroflexi</i> )) enables deep insights into diversity and stratification of subgroups in the marine subsurface. Environmental Microbiology, 2015, 17, 3540-3556.	3.8	22
17	Glacial Runoff Promotes Deep Burial of Sulfur Cycling-Associated Microorganisms in Marine Sediments. Frontiers in Microbiology, 2019, 10, 2558.	3.5	16
18	Genome Sequence, Proteome Profile, and Identification of a Multiprotein Reductive Dehalogenase Complex in <i>Dehalogenimonas alkenignens</i> Strain BRE15M. Journal of Proteome Research, 2021, 20, 613-623.	3.7	9

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19	Trichloromethane dechlorination by a novel Dehalobacter sp. strain 8M reveals a third contrasting C and Cl isotope fractionation pattern within this genus. Science of the Total Environment, 2022, 813, 152659.	8.0	9
20	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. PLoS ONE, 2020, 15, e0234839.	2.5	8
21	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. , 2020, 15, e0234839.		0
22	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. , 2020, 15, e0234839.		0
23	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. , 2020, 15, e0234839.		0
24	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. , 2020, 15, e0234839.		0