Kenneth Wasmund

List of Publications by Year
in descending order

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24	1,339	516710 16	713466 21
papers	citations	h-index	g-index

29	29	29	1861
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Genome Sequence, Proteome Profile, and Identification of a Multiprotein Reductive Dehalogenase Complex in Dehalogenimonas alkenigignens Strain BRE15M. Journal of Proteome Research, 2021, 20, 613-623.	3.7	9
3	Anaerobic bacterial degradation of protein and lipid macromolecules in subarctic marine sediment. ISME Journal, 2021, 15, 833-847.	9.8	38
4	Novel taxa of Acidobacteriota implicated in seafloor sulfur cycling. ISME Journal, 2021, 15, 3159-3180.	9.8	54
5	Genomic insights into diverse bacterial taxa that degrade extracellular DNA in marine sediments. Nature Microbiology, 2021, 6, 885-898.	13.3	29
6	Rational design of a microbial consortium of mucosal sugar utilizers reduces Clostridiodes difficile colonization. Nature Communications, 2020, 11, 5104.	12.8	177
7	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. PLoS ONE, 2020, 15, e0234839.	2.5	8
8	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. , 2020, 15, e0234839.		0
9	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. , 2020, 15, e0234839.		0
10	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. , 2020, 15, e0234839.		0
11	Woeseiales transcriptional response to shallow burial in Arctic fjord surface sediment. , 2020, 15, e0234839.		0
12	Glacial Runoff Promotes Deep Burial of Sulfur Cycling-Associated Microorganisms in Marine Sediments. Frontiers in Microbiology, 2019, 10, 2558.	3.5	16
13	Bacterial interactions during sequential degradation of cyanobacterial necromass in a sulfidic arctic marine sediment. Environmental Microbiology, 2018, 20, 2927-2940.	3.8	50
14	The life sulfuric: microbial ecology of sulfur cycling in marine sediments. Environmental Microbiology Reports, 2017, 9, 323-344.	2.4	260
15	Single-Cell Genome and Group-Specific dsrAB Sequencing Implicate Marine Members of the Class Dehalococcoidia (Phylum Chloroflexi) in Sulfur Cycling. MBio, 2016, 7, .	4.1	78
16	Development and application of primers for the class <scp>D</scp>ehalococcoidia (phylum <scp>C</scp>hloroflexi) enables deep insights into diversity and stratification of subgroups in the marine subsurface. Environmental Microbiology, 2015, 17, 3540-3556.	3.8	22
17	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
18	Genome sequencing of a single cell of the widely distributed marine subsurface Dehalococcoidia, phylum Chloroflexi. ISME Journal, 2014, 8, 383-397.	9.8	172

#	Article	IF	Citations
19	Benzene and sulfide removal from groundwater treated in a microbial fuel cell. Biotechnology and Bioengineering, 2013, 110, 3104-3113.	3.3	48
20	Differential Responses of the Coral Host and Their Algal Symbiont to Thermal Stress. PLoS ONE, 2011, 6, e26687.	2.5	151
21	Defining the tipping point. A complex cellular life/death balance in corals in response to stress. Scientific Reports, 2011, 1, 160.	3.3	37
22	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
23	Novel Alkane Hydroxylase Gene (alkB) Diversity in Sediments Associated with Hydrocarbon Seeps in the Timor Sea, Australia. Applied and Environmental Microbiology, 2009, 75, 7391-7398.	3.1	80
24	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