

Sara Beier

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,186
citations

567144

15
h-index

610775

24
g-index

27
all docs

27
docs citations

27
times ranked

1925
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial chitin degradation mechanisms and ecophysiological strategies. <i>Frontiers in Microbiology</i> , 2013, 4, 149.	1.5	368
2	Function-specific response to depletion of microbial diversity. <i>ISME Journal</i> , 2011, 5, 351-361.	4.4	183
3	Bacterial Community Composition in Central European Running Waters Examined by Temperature Gradient Gel Electrophoresis and Sequence Analysis of 16S rRNA Genes. <i>Applied and Environmental Microbiology</i> , 2008, 74, 188-199.	1.4	69
4	Ecosystem-wide metagenomic binning enables prediction of ecological niches from genomes. <i>Communications Biology</i> , 2020, 3, 119.	2.0	64
5	Uncoupling of chitinase activity and uptake of hydrolysis products in freshwater bacterioplankton. <i>Limnology and Oceanography</i> , 2011, 56, 1179-1188.	1.6	62
6	Effect of large magnetotactic bacteria with polyphosphate inclusions on the phosphate profile of the suboxic zone in the Black Sea. <i>ISME Journal</i> , 2019, 13, 1198-1208.	4.4	59
7	The transcriptional response of prokaryotes to phytoplankton-derived dissolved organic matter in seawater. <i>Environmental Microbiology</i> , 2015, 17, 3466-3480.	1.8	55
8	BARM and BalticMicrobeDB, a reference metagenome and interface to meta-omic data for the Baltic Sea. <i>Scientific Data</i> , 2018, 5, 180146.	2.4	54
9	Interactions of Freshwater Cyanobacteria with Bacterial Antagonists. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	39
10	Experimental insights into the importance of ecologically dissimilar bacteria to community assembly along a salinity gradient. <i>Environmental Microbiology</i> , 2018, 20, 1170-1184.	1.8	32
11	Microbial iron metabolism as revealed by gene expression profiles in contrasted Southern Ocean regimes. <i>Environmental Microbiology</i> , 2019, 21, 2360-2374.	1.8	27
12	High Ratio of Bacteriochlorophyll Biosynthesis Genes to Chlorophyll Biosynthesis Genes in Bacteria of Humic Lakes. <i>Applied and Environmental Microbiology</i> , 2009, 75, 7221-7228.	1.4	23
13	Global Phylogeography of Chitinase Genes in Aquatic Metagenomes. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1101-1106.	1.4	21
14	The transcriptional regulation of the glyoxylate cycle in SAR11 in response to iron fertilization in the Southern Ocean. <i>Environmental Microbiology Reports</i> , 2015, 7, 427-434.	1.0	20
15	Phenotypic plasticity in heterotrophic marine microbial communities in continuous cultures. <i>ISME Journal</i> , 2015, 9, 1141-1151.	4.4	20
16	Metatranscriptomic data reveal the effect of different community properties on multifunctional redundancy. <i>Molecular Ecology</i> , 2017, 26, 6813-6826.	2.0	18
17	Pronounced seasonal dynamics of freshwater chitinase genes and chitin processing. <i>Environmental Microbiology</i> , 2012, 14, 2467-2479.	1.8	12
18	Uptake of Leucine, Chitin, and Iron by Prokaryotic Groups during Spring Phytoplankton Blooms Induced by Natural Iron Fertilization off Kerguelen Island (Southern Ocean). <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	12

#	ARTICLE	IF	CITATIONS
19	Lake bacterioplankton dynamics over diurnal timescales. <i>Freshwater Biology</i> , 2017, 62, 191-204.	1.2	11
20	A metatranscriptomics-based assessment of small-scale mixing of sulfidic and oxic waters on redoxcline prokaryotic communities. <i>Environmental Microbiology</i> , 2018, 21, 584-602.	1.8	10
21	Niche breadth affects bacterial transcription patterns along a salinity gradient. <i>Molecular Ecology</i> , 2022, 31, 1216-1233.	2.0	10
22	Cryopreservation and Resuscitation of Natural Aquatic Prokaryotic Communities. <i>Frontiers in Microbiology</i> , 2020, 11, 597653.	1.5	8
23	The environment drives microbial trait variability in aquatic habitats. <i>Molecular Ecology</i> , 2020, 29, 4605-4617.	2.0	5
24	Betaproteobacterial ammonia oxidizers in root zones of aquatic macrophytes. <i>Fundamental and Applied Limnology</i> , 2010, 177, 241-255.	0.4	3
25	Editorial: Advancements in the Understanding of Anthropogenic Impacts on the Microbial Ecology and Function of Aquatic Environments. <i>Frontiers in Microbiology</i> , 2021, 12, 820697.	1.5	0