

Mia M Bengtsson

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,037
citations

471509

17
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

2948
citing authors

#	ARTICLE	IF	CITATIONS
1	The ecology and biogeochemistry of stream biofilms. <i>Nature Reviews Microbiology</i> , 2016, 14, 251-263.	28.6	746
2	Planctomycetes dominate biofilms on surfaces of the kelp <i>Laminaria hyperborea</i> . <i>BMC Microbiology</i> , 2010, 10, 261.	3.3	221
3	Bacterial diversity in relation to secondary production and succession on surfaces of the kelp <i>Laminaria hyperborea</i> . <i>ISME Journal</i> , 2012, 6, 2188-2198.	9.8	157
4	Seasonal dynamics of bacterial biofilms on the kelp <i>Laminaria hyperborea</i> . <i>Aquatic Microbial Ecology</i> , 2010, 60, 71-83.	1.8	141
5	Exploring the composition and diversity of microbial communities at the Jan Mayen hydrothermal vent field using RNA and DNA. <i>FEMS Microbiology Ecology</i> , 2011, 77, 577-589.	2.7	98
6	Interactive effects on organic matter processing from soils to the ocean: are priming effects relevant in aquatic ecosystems?. <i>Hydrobiologia</i> , 2018, 822, 1-17.	2.0	86
7	Utilization of kelp-derived carbon sources by kelp surface-associated bacteria. <i>Aquatic Microbial Ecology</i> , 2011, 62, 191-199.	1.8	80
8	Holistic Assessment of Rumen Microbiome Dynamics through Quantitative Metatranscriptomics Reveals Multifunctional Redundancy during Key Steps of Anaerobic Feed Degradation. <i>MSystems</i> , 2018, 3, .	3.8	74
9	Eelgrass Leaf Surface Microbiomes Are Locally Variable and Highly Correlated with Epibiotic Eukaryotes. <i>Frontiers in Microbiology</i> , 2017, 8, 1312.	3.5	72
10	No evidence of aquatic priming effects in hyporheic zone microcosms. <i>Scientific Reports</i> , 2014, 4, 5187.	3.3	66
11	High light intensity mediates a shift from allochthonous to autochthonous carbon use in phototrophic stream biofilms. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1806-1820.	3.0	48
12	Light availability affects stream biofilm bacterial community composition and function, but not diversity. <i>Environmental Microbiology</i> , 2015, 17, 5036-5047.	3.8	44
13	Functional and Structural Responses of Hyporheic Biofilms to Varying Sources of Dissolved Organic Matter. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6004-6012.	3.1	38
14	Drying and Rainfall Shape the Structure and Functioning of Nitrifying Microbial Communities in Riverbed Sediments. <i>Frontiers in Microbiology</i> , 2018, 9, 2794.	3.5	37
15	Light availability impacts structure and function of phototrophic stream biofilms across domains and trophic levels. <i>Molecular Ecology</i> , 2018, 27, 2913-2925.	3.9	35
16	Tissue- and Population-Level Microbiome Analysis of the Wasp Spider <i>Argiope bruennichi</i> Identified a Novel Dominant Bacterial Symbiont. <i>Microorganisms</i> , 2020, 8, 8.	3.6	26
17	Long-Term Rewetting of Three Formerly Drained Peatlands Drives Congruent Compositional Changes in Pro- and Eukaryotic Soil Microbiomes through Environmental Filtering. <i>Microorganisms</i> , 2020, 8, 550.	3.6	25
18	New derivatives of reducing oligosaccharides and their use in enzymatic reactions: efficient synthesis of sialyl Lewis a and sialyl dimeric Lewis x glycoconjugates. <i>Carbohydrate Research</i> , 2000, 328, 525-531.	2.3	21

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19	Desiccation time and rainfall control gaseous carbon fluxes in an intermittent stream. <i>Biogeochemistry</i> , 2021, 155, 381-400.	3.5	12
20	Chronic Helminth Infection Perturbs the Gut-Brain Axis, Promotes Neuropathology, and Alters Behavior. <i>Journal of Infectious Diseases</i> , 2018, 218, 1511-1516.	4.0	6