

# Annika C Mosier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/159477/publications.pdf>

Version: 2024-02-01

24  
papers

1,926  
citations

331670

21  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relative abundance and diversity of ammonia-oxidizing archaea and bacteria in the San Francisco Bay estuary. <i>Environmental Microbiology</i> , 2008, 10, 3002-3016.	3.8	342
2	Genome of a Low-Salinity Ammonia-Oxidizing Archaeon Determined by Single-Cell and Metagenomic Analysis. <i>PLoS ONE</i> , 2011, 6, e16626.	2.5	287
3	Core and Intact Polar Glycerol Dibiphytanyl Glycerol Tetraether Lipids of Ammonia-Oxidizing Archaea Enriched from Marine and Estuarine Sediments. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3468-3477.	3.1	166
4	Denitrifier abundance and activity across the San Francisco Bay estuary. <i>Environmental Microbiology Reports</i> , 2010, 2, 667-676.	2.4	109
5	Spatial Variability in Nitrification Rates and Ammonia-Oxidizing Microbial Communities in the Agriculturally Impacted Elkhorn Slough Estuary, California. <i>Applied and Environmental Microbiology</i> , 2011, 77, 269-280.	3.1	98
6	Global Biodiversity of Aquatic Ammonia-Oxidizing Archaea is Partitioned by Habitat. <i>Frontiers in Microbiology</i> , 2012, 3, 252.	3.5	94
7	Metabolites Associated with Adaptation of Microorganisms to an Acidophilic, Metal-Rich Environment Identified by Stable-Isotope-Enabled Metabolomics. <i>MBio</i> , 2013, 4, e00484-12.	4.1	87
8	Genome Sequence of <i>Candidatus Nitrosopumilus salaria</i> BD31, an Ammonia-Oxidizing Archaeon from the San Francisco Bay Estuary. <i>Journal of Bacteriology</i> , 2012, 194, 2121-2122.	2.2	77
9	Ecophysiology of an Ammonia-Oxidizing Archaeon Adapted to Low-Salinity Habitats. <i>Microbial Ecology</i> , 2012, 64, 955-963.	2.8	76
10	Fungi Contribute Critical but Spatially Varying Roles in Nitrogen and Carbon Cycling in Acid Mine Drainage. <i>Frontiers in Microbiology</i> , 2016, 7, 238.	3.5	66
11	Microbiota within the perennial ice cover of Lake Vida, Antarctica. <i>FEMS Microbiology Ecology</i> , 2007, 59, 274-288.	2.7	63
12	Genome Sequence of <i>Candidatus Nitrosoarchaeum limnia</i> BG20, a Low-Salinity Ammonia-Oxidizing Archaeon from the San Francisco Bay Estuary. <i>Journal of Bacteriology</i> , 2012, 194, 2119-2120.	2.2	59
13	Elevated temperature alters proteomic responses of individual organisms within a biofilm community. <i>ISME Journal</i> , 2015, 9, 180-194.	9.8	57
14	Spatiotemporal Relationships Between the Abundance, Distribution, and Potential Activities of Ammonia-Oxidizing and Denitrifying Microorganisms in Intertidal Sediments. <i>Microbial Ecology</i> , 2015, 69, 13-24.	2.8	49
15	<sup>15</sup> N and <sup>2</sup> H proteomic stable isotope probing links nitrogen flow to archaeal heterotrophic activity. <i>Environmental Microbiology</i> , 2014, 16, 3224-3237.	3.8	48
16	Seasonal <i>Synechococcus</i> and <i>Thaumarchaeal</i> population dynamics examined with high resolution with remote <i>in situ</i> instrumentation. <i>ISME Journal</i> , 2012, 6, 513-523.	9.8	46
17	Genomic profiling of four cultivated <i>Candidatus Nitrotoga</i> spp. predicts broad metabolic potential and environmental distribution. <i>ISME Journal</i> , 2018, 12, 2864-2882.	9.8	42
18	Expanded Diversity and Metabolic Versatility of Marine Nitrite-Oxidizing Bacteria Revealed by Cultivation- and Genomics-Based Approaches. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	38

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19	Determining the Distribution of Marine and Coastal Ammonia-Oxidizing Archaea and Bacteria Using a Quantitative Approach. <i>Methods in Enzymology</i> , 2011, 486, 205-221.	1.0	30
20	Benthic ammonia oxidizers differ in community structure and biogeochemical potential across a riverine delta. <i>Frontiers in Microbiology</i> , 2014, 5, 743.	3.5	28
21	Honey bee microbiome associated with different hive and sample types over a honey production season. <i>PLoS ONE</i> , 2019, 14, e0223834.	2.5	25
22	Nitrifier Gene Abundance and Diversity in Sediments Impacted by Acid Mine Drainage. <i>Frontiers in Microbiology</i> , 2017, 8, 2136.	3.5	20
23	Community Composition of Nitrite Reductase Gene Sequences in an Acid Mine Drainage Environment. <i>Microbial Ecology</i> , 2020, 79, 562-575.	2.8	9
24	Physiology of the Nitrite-Oxidizing Bacterium Candidatus <i>Nitrotoga</i> sp. CP45 Enriched From a Colorado River. <i>Frontiers in Microbiology</i> , 2021, 12, 709371.	3.5	4