

# Gretchen Gettel

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

486  
citations

759233

12  
h-index

1058476

14  
g-index

14  
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14  
docs citations

14  
times ranked

772  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Geomorphic-Trophic Model for Landscape Control of Arctic Lake Food Webs. <i>BioScience</i> , 1999, 49, 887-897.	4.9	87
2	Nitrogen Fixation in Surface Soils and Vegetation in an Arctic Tundra Watershed: A Key Source of Atmospheric Nitrogen. <i>Arctic, Antarctic, and Alpine Research</i> , 2006, 38, 363-372.	1.1	75
3	Legacy Effects in Material Flux: Structural Catchment Changes Predate Long-Term Studies. <i>BioScience</i> , 2012, 62, 575-584.	4.9	59
4	Physical, chemical, and biotic effects on arctic zooplankton communities and diversity. <i>Limnology and Oceanography</i> , 2004, 49, 1250-1261.	3.1	55
5	Land Use, Not Stream Order, Controls N <sub>2</sub> O Concentration and Flux in the Upper Mara River Basin, Kenya. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 3491-3506.	3.0	35
6	Contrasting Responses of Nitrogen-Fixation in Arctic Lichens to Experimental and Ambient Nitrogen and Phosphorus Availability. <i>Arctic, Antarctic, and Alpine Research</i> , 2005, 37, 396-401.	1.1	30
7	Livestock enclosures in drylands of Sub-Saharan Africa are overlooked hotspots of N <sub>2</sub> O emissions. <i>Nature Communications</i> , 2020, 11, 4644.	12.8	27
8	Drip fertigation promotes water and nitrogen use efficiency and yield stability through improved root growth for tomatoes in plastic greenhouse production. <i>Agriculture, Ecosystems and Environment</i> , 2021, 313, 107379.	5.3	27
9	Unaccounted CO <sub>2</sub> leaks downstream of a large tropical hydroelectric reservoir. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	22
10	The effects of grazing by the snail, <i>Lymnaea elodes</i> , on benthic N <sub>2</sub> fixation and primary production in oligotrophic, arctic lakes. <i>Limnology and Oceanography</i> , 2007, 52, 2398-2409.	3.1	20
11	Educating for action: Aligning skills with policies for sustainable development in the Danube river basin. <i>Science of the Total Environment</i> , 2016, 543, 765-777.	8.0	18
12	Effects of River Discharge and Land Use and Land Cover (LULC) on Water Quality Dynamics in Migina Catchment, Rwanda. <i>Environmental Management</i> , 2017, 60, 496-512.	2.7	18
13	Basin-scale estimates of greenhouse gas emissions from the Mara River, Kenya: Importance of discharge, stream size, and land use/land cover. <i>Limnology and Oceanography</i> , 2022, 67, 1776-1793.	3.1	11
14	Classification of Geomorphic Units and Their Relevance for Nutrient Retention or Export of a Large Lowland Padma River, Bangladesh: A NDVI Based Approach. <i>Remote Sensing</i> , 2022, 14, 1481.	4.0	2