

# Taylor Maavara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/802971/publications.pdf>

Version: 2024-02-01

21  
papers

2,433  
citations

686830

13  
h-index

752256

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2822  
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial: Riverine Biogeochemistry Under Increasing Damming: Processes and Impacts. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	1
2	Global Controls on DOC Reaction Versus Export in Watersheds: A DamkÄ¶hler Number Analysis. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	11
3	Effects of pH and Dissolved Silicate on Phosphate Mineral-Water Partitioning with Goethite. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 34-43.	1.2	7
4	Modeling geogenic and atmospheric nitrogen through the East River Watershed, Colorado Rocky Mountains. <i>PLoS ONE</i> , 2021, 16, e0247907.	1.1	9
5	Hysteresis Patterns of Watershed Nitrogen Retention and Loss Over the Past 50Ä¶years in United States Hydrological Basins. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006777.	1.9	29
6	Does Photomineralization of Dissolved Organics Matter in Temperate Rivers?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006402.	1.3	11
7	Rivers as the largest source of mercury to coastal oceans worldwide. <i>Nature Geoscience</i> , 2021, 14, 672-677.	5.4	107
8	Lake Morphometry and River Network Controls on Evasion of Terrestrially Sourced Headwater CO <sub>2</sub> . <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	11
9	Magnitude and Uncertainty of Nitrous Oxide Emissions From North America Based on BottomÄ¶Up and TopÄ¶Down Approaches: Informing Future Research and National Inventories. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095264.	1.5	7
10	A comprehensive quantification of global nitrous oxide sources and sinks. <i>Nature</i> , 2020, 586, 248-256.	13.7	814
11	Global DamÄ¶Driven Changes to Riverine N:P:Si Ratios Delivered to the Coastal Ocean. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088288.	1.5	52
12	River dam impacts on biogeochemical cycling. <i>Nature Reviews Earth &amp; Environment</i> , 2020, 1, 103-116.	12.2	372
13	Natural Lakes Are a Minor Global Source of N <sub>2</sub> O to the Atmosphere. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1564-1581.	1.9	40
14	Effects of Damming on River Nitrogen Fluxes: A Global Analysis. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1339-1357.	1.9	53
15	Nitrous oxide emissions from inland waters: Are IPCC estimates too high?. <i>Global Change Biology</i> , 2019, 25, 473-488.	4.2	119
16	The role of groundwater discharge fluxes on Si:P ratios in a major tributary to Lake Erie. <i>Science of the Total Environment</i> , 2018, 622-623, 814-824.	3.9	5
17	Global perturbation of organic carbon cycling by river damming. <i>Nature Communications</i> , 2017, 8, 15347.	5.8	246
18	Rivers in the Anthropocene: Global scale modifications of riverine nutrient fluxes by damming. <i>Ecohydrology and Hydrobiology</i> , 2016, 16, 106-111.	1.0	107

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19	Global phosphorus retention by river damming. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15603-15608.	3.3	322
20	Reactive silicon dynamics in a large prairie reservoir (Lake Diefenbaker, Saskatchewan). Journal of Great Lakes Research, 2015, 41, 100-109.	0.8	23
21	Worldwide retention of nutrient silicon by river damming: From sparse data set to global estimate. Global Biogeochemical Cycles, 2014, 28, 842-855.	1.9	85