

# Michael T Tate

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7911061/publications.pdf>

Version: 2024-02-01

20  
papers

1,088  
citations

687363

13  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-ecosystem study shows rapid fish-mercury response to changes in mercury deposition. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16586-16591.	7.1	398
2	Microbial mercury methylation in Antarctic sea ice. Nature Microbiology, 2016, 1, 16127.	13.3	158
3	Comparison of atmospheric mercury speciation and deposition at nine sites across central and eastern North America. Journal of Geophysical Research, 2010, 115, .	3.3	84
4	Characterization and cycling of atmospheric mercury along the central US Gulf Coast. Applied Geochemistry, 2008, 23, 419-437.	3.0	72
5	Factors Affecting Mercury Stable Isotopic Distribution in Piscivorous Fish of the Laurentian Great Lakes. Environmental Science & Technology, 2018, 52, 2768-2776.	10.0	49
6	The role of terrestrial vegetation in atmospheric Hg deposition: Pools and fluxes of spike and ambient Hg from the METAALICUS experiment. Global Biogeochemical Cycles, 2012, 26, .	4.9	45
7	Experimental evidence for recovery of mercury-contaminated fish populations. Nature, 2022, 601, 74-78.	27.8	38
8	Mercury source changes and food web shifts alter contamination signatures of predatory fish from Lake Michigan. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23600-23608.	7.1	35
9	Atmospheric Concentrations and Wet/Dry Loadings of Mercury at the Remote Experimental Lakes Area, Northwestern Ontario, Canada. Environmental Science & Technology, 2019, 53, 8017-8026.	10.0	29
10	Chemical and Physical Controls on Mercury Source Signatures in Stream Fish from the Northeastern United States. Environmental Science & Technology, 2019, 53, 10110-10119.	10.0	26
11	Influence of <i>Cladophora</i> "Quagga Mussel Assemblages on Nearshore Methylmercury Production in Lake Michigan. Environmental Science & Technology, 2015, 49, 7606-7613.	10.0	25
12	Isolation of methylmercury using distillation and anion-exchange chromatography for isotopic analyses in natural matrices. Analytical and Bioanalytical Chemistry, 2020, 412, 681-690.	3.7	15
13	Enhanced Susceptibility of Methylmercury Bioaccumulation into Seston of the Laurentian Great Lakes. Environmental Science & Technology, 2021, 55, 12714-12723.	10.0	15
14	Examining historical mercury sources in the Saint Louis River estuary: How legacy contamination influences biological mercury levels in Great Lakes coastal regions. Science of the Total Environment, 2021, 779, 146284.	8.0	13
15	The influence of legacy contamination on the transport and bioaccumulation of mercury within the Mobile River Basin. Journal of Hazardous Materials, 2021, 404, 124097.	12.4	10
16	Methylmercury Stable Isotopes: New Insights on Assessing Aquatic Food Web Bioaccumulation in Legacy Impacted Regions. ACS ES&T Water, 2022, 2, 701-709.	4.6	7
17	Decadal trends of mercury cycling and bioaccumulation within Everglades National Park. Science of the Total Environment, 2022, 838, 156031.	8.0	7
18	Aqueous Elemental Mercury Production versus Mercury Inventories in the Lake Michigan Airshed: Deciphering the Spatial and Diel Controls of Mercury Gradients in Air and Water. ACS ES&T Water, 2021, 1, 719-727.	4.6	6

#	ARTICLE	IF	CITATIONS
19	Using Carbon, Nitrogen, and Mercury Isotope Values to Distinguish Mercury Sources to Alaskan Lake Trout. <i>Environmental Science and Technology Letters</i> , 2022, 9, 312-319.	8.7	5
20	Stable Isotope Fractionation Reveals Similar Atomic-Level Controls during Aerobic and Anaerobic Microbial Hg Transformation Pathways. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0067821.	3.1	3