

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

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19	Characterization and cycling of atmospheric mercury along the central US Gulf Coast. Applied Geochemistry, 2008, 23, 419-437.	3.0	72
20	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