

# Lauren E Krausfeldt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1151585/publications.pdf>

Version: 2024-02-01

12  
papers

546  
citations

933447

10  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated pH Conditions Associated With <i>Microcystis</i> spp. Blooms Decrease Viability of the Cultured Diatom <i>Fragilaria crotonensis</i> and Natural Diatoms in Lake Erie. <i>Frontiers in Microbiology</i> , 2021, 12, 598736.	3.5	31
2	Periodically Disturbing the Spatial Structure of Biofilms Can Affect the Production of an Essential Virulence Factor in <i>Pseudomonas aeruginosa</i> . <i>MSystems</i> , 2021, 6, e0096121.	3.8	7
3	Nitrogen flux into metabolites and microcystins changes in response to different nitrogen sources in <i>Microcystis aeruginosa</i> . <i>NIES</i> 843. <i>Environmental Microbiology</i> , 2020, 22, 2419-2431.	3.8	18
4	Flaming as part of aseptic technique increases CO <sub>2</sub> (g) and decreases pH in freshwater culture media. <i>Limnology and Oceanography: Methods</i> , 2020, 18, 211-219.	2.0	0
5	The "Neglected Viruses" of Taihu: Abundant Transcripts for Viruses Infecting Eukaryotes and Their Potential Role in Phytoplankton Succession. <i>Frontiers in Microbiology</i> , 2020, 11, 338.	3.5	17
6	Metatranscriptomic Analyses of Diel Metabolic Functions During a <i>Microcystis</i> Bloom in Western Lake Erie (United States). <i>Frontiers in Microbiology</i> , 2019, 10, 2081.	3.5	22
7	Urea Is Both a Carbon and Nitrogen Source for <i>Microcystis aeruginosa</i> : Tracking <sup>13</sup> C Incorporation at Bloom pH Conditions. <i>Frontiers in Microbiology</i> , 2019, 10, 1064.	3.5	75
8	Insight Into the Molecular Mechanisms for Microcystin Biodegradation in Lake Erie and Lake Taihu. <i>Frontiers in Microbiology</i> , 2019, 10, 2741.	3.5	18
9	Seasonal Gene Expression and the Ecophysiological Implications of Toxic <i>Microcystis aeruginosa</i> Blooms in Lake Taihu. <i>Environmental Science &amp; Technology</i> , 2018, 52, 11049-11059.	10.0	79
10	Ecophysiological Examination of the Lake Erie <i>Microcystis</i> Bloom in 2014: Linkages between Biology and the Water Supply Shutdown of Toledo, OH. <i>Environmental Science &amp; Technology</i> , 2017, 51, 6745-6755.	10.0	196
11	Spatial and temporal variability in the nitrogen cyclers of hypereutrophic Lake Taihu. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	45
12	Molecular prediction of lytic vs lysogenic states for <i>Microcystis</i> phage: Metatranscriptomic evidence of lysogeny during large bloom events. <i>PLoS ONE</i> , 2017, 12, e0184146.	2.5	37