

# Steven A Ruberg

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

767  
citations

567281

15  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Societal Benefits of the Real-Time Coastal Observation Network (ReCON): Implications for Municipal Drinking Water Quality. <i>Marine Technology Society Journal</i> , 2008, 42, 103-109.	0.4	222
2	Hypoxia affects spatial distributions and overlap of pelagic fish, zooplankton, and phytoplankton in Lake Erie. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 381, S92-S107.	1.5	111
3	Lake Erie hypoxia prompts Canada-U.S. study. <i>Eos</i> , 2006, 87, 313.	0.1	76
4	Summer thermal structure and anticyclonic circulation of Lake Erie. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	48
5	Satellite monitoring of harmful algal blooms in the Western Basin of Lake Erie: A 20-year time-series. <i>Journal of Great Lakes Research</i> , 2019, 45, 508-521.	1.9	41
6	Vertical distributions of blooming cyanobacteria populations in a freshwater lake from LIDAR observations. <i>Remote Sensing of Environment</i> , 2019, 225, 347-367.	11.0	35
7	Novel Large Sulfur Bacteria in the Metagenomes of Groundwater-Fed Chemosynthetic Microbial Mats in the Lake Huron Basin. <i>Frontiers in Microbiology</i> , 2017, 8, 791.	3.5	29
8	Spatial-temporal variability of in situ cyanobacteria vertical structure in Western Lake Erie: Implications for remote sensing observations. <i>Journal of Great Lakes Research</i> , 2019, 45, 480-489.	1.9	29
9	Exploration of a Submerged Sinkhole Ecosystem in Lake Huron. <i>Ecosystems</i> , 2006, 9, 828-842.	3.4	27
10	Observations of the Middle Island Sinkhole in Lake Huron – A Unique Hydrogeologic and Glacial Creation of 400 Million Years. <i>Marine Technology Society Journal</i> , 2008, 42, 12-21.	0.4	27
11	Spatial and predatory interactions of visually preying nonindigenous zooplankton and fish in Lake Michigan during midsummer. <i>Journal of Great Lakes Research</i> , 2015, 41, 125-142.	1.9	21
12	Factors affecting the performance of the optical plankton counter in large lakes: Insights from Lake Michigan and laboratory studies. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	20
13	Great Lakes Sinkholes: A Microbiogeochemical Frontier. <i>Eos</i> , 2009, 90, 61-62.	0.1	18
14	Spatial and temporal variability of inherent and apparent optical properties in western Lake Erie: Implications for water quality remote sensing. <i>Journal of Great Lakes Research</i> , 2019, 45, 490-507.	1.9	18
15	Groundwater Plume Mapping in a Submerged Sinkhole in Lake Huron. <i>Marine Technology Society Journal</i> , 2005, 39, 65-69.	0.4	17
16	Underwater sinkhole sediments sequester Lake Huron's carbon. <i>Biogeochemistry</i> , 2013, 115, 235-250.	3.5	15
17	A wireless real-time coastal observation network. <i>Eos</i> , 2007, 88, 285-286.	0.1	8
18	SeaPRISM observations in the western basin of Lake Erie in the summer of 2016. <i>Journal of Great Lakes Research</i> , 2019, 45, 547-555.	1.9	4

#	ARTICLE	IF	CITATIONS
19	Extant Earthly Microbial Mats and Microbialites as Models for Exploration of Life in Extraterrestrial Mat Worlds. <i>Life</i> , 2021, 11, 883.	2.4	1
20	An Implementation of a Database Management System for Real-Time Large-Lake Observations. <i>Marine Technology Society Journal</i> , 2017, 51, 5-9.	0.4	0