Arthur Zastepa

List of Publications by Year
in descending order

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20 papers	402 citations	687220 13 h-index	794469 19 g-index
20 all docs	20 docs citations	20 times ranked	538 citing authors

#	Article	IF	Citations
1	Analysis of intracellular and extracellular microcystin variants in sediments and pore waters by accelerated solvent extraction and high performance liquid chromatography-tandem mass spectrometry. Analytica Chimica Acta, 2015, 872, 26-34.	2.6	65
2	The Changing Face of Winter: Lessons and Questions From the Laurentian Great Lakes. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2021JG006247.	1.3	35
3	Variation in particulate Câ€Š:â€ŠNâ€Š:â€ŠP stoichiometry across the Lake Erie watershed from tributaries to its outflow. Limnology and Oceanography, 2017, 62, S194.	1.6	32
4	Distribution and flux of microcystin congeners in lake sediments. Lake and Reservoir Management, 2017, 33, 444-451.	0.4	28
5	A Bayesian risk assessment framework for microcystin violations of drinking water and recreational standards in the Bay of Quinte, Lake Ontario, Canada. Water Research, 2019, 162, 288-301.	5.3	28
6	Algal bloom response and risk management: On-site response tools. Toxicon, 2017, 129, 144-152.	0.8	23
7	On phytoplankton growth and loss rates to microzooplankton in the epilimnion and metalimnion of Lake Ontario in mid-summer. Journal of Great Lakes Research, 2012, 38, 146-153.	0.8	22
8	Spatial and temporal patterns in microcystin toxins in Lake of the Woods surface waters. Lake and Reservoir Management, 2017, 33, 433-443.	0.4	20
9	Contrasting histories of microcystin-producing cyanobacteria in two temperate lakes as inferred from quantitative sediment DNA analyses. Lake and Reservoir Management, 2019, 35, 102-117.	0.4	19
10	Meteorological and Nutrient Conditions Influence Microcystin Congeners in Freshwaters. Toxins, 2019, 11, 620.	1.5	18
11	Low sediment redox promotes cyanobacteria blooms across a trophic range: implications for management. Lake and Reservoir Management, 0, , 1-33.	0.4	17
12	Geochemical controls on internal phosphorus loading in Lake of the Woods. Chemical Geology, 2020, 558, 119873.	1.4	16
13	The Lake Erie HABs Grab: A binational collaboration to characterize the western basin cyanobacterial harmful algal blooms at an unprecedented high-resolution spatial scale. Harmful Algae, 2021, 108, 102080.	2.2	15
14	Toxins and Other Bioactive Metabolites in Deep Chlorophyll Layers Containing the Cyanobacteria Planktothrix cf. isothrix in Two Georgian Bay Embayments, Lake Huron. Toxins, 2021, 13, 445.	1.5	14
15	Methane and nitrous oxide measured throughout Lake Erie over all seasons indicate highest emissions from the eutrophic Western Basin. Journal of Great Lakes Research, 2020, 46, 1604-1614.	0.8	14
16	Reduction of industrial iron pollution promotes phosphorus internal loading in eutrophic Hamilton Harbour, Lake Ontario, Canada. Environmental Pollution, 2019, 252, 697-705.	3.7	11
17	Translational control of apolipoprotein B mRNA via insulin and the protein kinase C signaling cascades: Evidence for modulation of RNAâ€“protein interactions at the 5â€²UTR. Archives of Biochemistry and Biophysics, 2007, 459, 10-19.	1.4	9
18	Impact of Spectral Resolution on Quantifying Cyanobacteria in Lakes and Reservoirs: A Machine-Learning Assessment. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-20.	2.7	8

#	Article	IF	Citations
19	Bloom announcement: Late season cyanobacterial blooms co-dominated by Microcystis flos-aquae, Lyngbya birgei, and Aphanizomenon flos-aquae complex in Hamilton Harbour (Lake Ontario), an area of concern impacted by industrial effluent and residential wastewater.. Data in Brief, 2021, 35, 106800.	0.5	5
20	Long-term and seasonal nitrate trends illustrate potential prevention of large cyanobacterial biomass by sediment oxidation in Hamilton Harbour, Lake Ontario. Journal of Great Lakes Research, 2022, 48, 971-984.	0.8	3