Zofia Ecaterina Taranu

List of Publications by Year
in descending order

24 papers	1,057 citations	516710 16 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	1923 citing authors

#	Article	IF	Citations
1	Acceleration of cyanobacterial dominance in north temperateâ€subarctic lakes during the Anthropocene. Ecology Letters, 2015, 18, 375-384.	6.4	270
2	The influence of time, soil characteristics, and landâ€use history on soil phosphorus legacies: a global metaâ€analysis. Global Change Biology, 2012, 18, 1904-1917.	9.5	107
3	Predicting cyanobacterial dynamics in the face of global change: the importance of scale and environmental context. Global Change Biology, 2012, 18, 3477-3490.	9.5	106
4	Urban point sources of nutrients were the leading cause for the historical spread of hypoxia across European lakes. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12655-12660.	7.1	89
5	Quantifying Relationships Among Phosphorus, Agriculture, and Lake Depth at an Inter-Regional Scale. Ecosystems, 2008, 11, 715-725.	3.4	81
6	Predicting microcystin concentrations in lakes and reservoirs at a continental scale: A new framework for modelling an important health risk factor. Global Ecology and Biogeography, 2017, 26, 625-637.	5.8	59
7	Land-Use Legacies Are Important Determinants of Lake Eutrophication in the Anthropocene. PLoS ONE, 2011, 6, e15913.	2.5	46
8	Small Changes in Climate Can Profoundly Alter the Dynamics and Ecosystem Services of Tropical Crater Lakes. PLoS ONE, 2014, 9, e86561.	2.5	45
9	Niche Separation Increases With Genetic Distance Among Bloom-Forming Cyanobacteria. Frontiers in Microbiology, 2018, 9, 438.	3.5	28
10	Regional versus local drivers of water quality in the Windermere catchment, Lake District, United Kingdom: The dominant influence of wastewater pollution over the past 200Âyears. Global Change Biology, 2018, 24, 4009-4022.	9.5	28
11	Similarity in spatial structure constrains ecosystem relationships: Building a macroscale understanding of lakes. Global Ecology and Biogeography, 2018, 27, 1251-1263.	5.8	26
12	Can we detect ecosystem critical transitions and signals of changing resilience from paleoâ€ecological records?. Ecosphere, 2018, 9, e02438.	2.2	25
13	Comparing key drivers of cyanobacteria biomass in temperate and tropical systems. Harmful Algae, 2020, 97, 101859.	4.8	22
14	Contrasting responses of dimictic and polymictic lakes to environmental change: a spatial and temporal study. Aquatic Sciences, 2010, 72, 97-115.	1.5	21
15	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.	1.3	19
16	Meteorological and Nutrient Conditions Influence Microcystin Congeners in Freshwaters. Toxins, 2019, 11, 620.	3.4	18
17	Predicting atrazine concentrations in waterbodies across the contiguous United States: The importance of land use, hydrology, and water physicochemistry. Limnology and Oceanography, 2020, 65, 2966-2983.	3.1	18
18	Extrinsic vs. Intrinsic Regimes Shifts in Shallow Lakes: Long-Term Response of Cyanobacterial Blooms to Historical Catchment Phosphorus Loading and Climate Warming. Frontiers in Ecology and Evolution, 2017, 5, .	2.2	15

#	Article	IF	Citations
19	Insights for lake management gained when paleolimnological and water column monitoring studies are combined: A case study from Baptiste Lake. Lake and Reservoir Management, 2014, 30, 11-22.	1.3	11
20	Proximity to ice fields and lake depth as modulators of paleoclimate records: a regional study from southwest Yukon, Canada. Journal of Paleolimnology, 2014, 52, 185-200.	1.6	7
21	Zooplankton communities in Precambrian Shield lakes (Quebec, Canada): responses to spatial and temporal gradients in water chemistry and climate. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 567-579.	1.4	7
22	Largeâ€scale multiâ€trophic coâ€response models and environmental control of pelagic food webs in QuÃ©bec lakes. Oikos, 2021, 130, 377-395.	2.7	4
23	Emergent vegetation in Netley-Libau Marsh: Temporal changes (1990â€“2013) in cover in relation to Lake Winnipeg level and Red River flow. Journal of Great Lakes Research, 2021, 47, 690-702.	1.9	3
24	Foodweb biodiversity and community structure in urban waterbodies vary with habitat complexity, macrophyte cover, and trophic status. Hydrobiologia, 0, , 1.	2.0	2