

# Mindaugas Zilius

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

606  
citations

567281

15  
h-index

610901

24  
g-index

33  
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33  
docs citations

33  
times ranked

655  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feedback Mechanisms Between Cyanobacterial Blooms, Transient Hypoxia, and Benthic Phosphorus Regeneration in Shallow Coastal Environments. <i>Estuaries and Coasts</i> , 2014, 37, 680-694.	2.2	62
2	Factors regulating the coastal nutrient filter in the Baltic Sea. <i>Ambio</i> , 2020, 49, 1194-1210.	5.5	61
3	Active DNRA and denitrification in oxic hypereutrophic waters. <i>Water Research</i> , 2021, 194, 116954.	11.3	49
4	Drivers of Cyanobacterial Blooms in a Hypertrophic Lagoon. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	33
5	Microphytobenthos and chironomid larvae attenuate nutrient recycling in shallow water sediments. <i>Freshwater Biology</i> , 2018, 63, 187-201.	2.4	31
6	Phosphorus Cycling in a Freshwater Estuary Impacted by Cyanobacterial Blooms. <i>Estuaries and Coasts</i> , 2016, 39, 1386-1402.	2.2	30
7	Retrospective analysis of spatial and temporal variability of chlorophyll-a in the Curonian Lagoon. <i>Journal of Coastal Conservation</i> , 2012, 16, 511-519.	1.6	27
8	Recent Trends (2012–2016) of N, Si, and P Export from the Nemunas River Watershed: Loads, Unbalanced Stoichiometry, and Threats for Downstream Aquatic Ecosystems. <i>Water (Switzerland)</i> , 2018, 10, 1178.	2.7	27
9	Application of the isotope pairing technique in sediments: Use, challenges, and new directions. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 112-136.	2.0	27
10	Rare but large bivalves alter benthic respiration and nutrient recycling in riverine sediments. <i>Aquatic Ecology</i> , 2017, 51, 1-16.	1.5	25
11	N <sub>2</sub> fixation dominates nitrogen cycling in a mangrove fiddler crab holobiont. <i>Scientific Reports</i> , 2020, 10, 13966.	3.3	25
12	The effects of hydrological extremes on denitrification, dissimilatory nitrate reduction to ammonium (DNRA) and mineralization in a coastal lagoon. <i>Science of the Total Environment</i> , 2020, 740, 140169.	8.0	22
13	Denitrification, Nitrogen Uptake, and Organic Matter Quality Undergo Different Seasonality in Sandy and Muddy Sediments of a Turbid Estuary. <i>Frontiers in Microbiology</i> , 2020, 11, 612700.	3.5	20
14	Nitrification and denitrification in estuarine sediments with tube-dwelling benthic animals. <i>Hydrobiologia</i> , 2018, 819, 217-230.	2.0	18
15	The Effect of Chironomid Larvae on Nitrogen Cycling and Microbial Communities in Soft Sediments. <i>Water (Switzerland)</i> , 2019, 11, 1931.	2.7	17
16	Origin and fate of dissolved organic matter in four shallow Baltic Sea estuaries. <i>Biogeochemistry</i> , 2021, 154, 385-403.	3.5	16
17	Benthic respiration and stoichiometry of regenerated nutrients in lake sediments with <i>Dreissena polymorpha</i> . <i>Aquatic Sciences</i> , 2014, 76, 405-417.	1.5	15
18	Stoichiometry of regenerated nutrients differs between native and invasive freshwater mussels with implications for algal growth. <i>Freshwater Biology</i> , 2019, 64, 619-631.	2.4	15

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19	Zebra Mussel Holobionts Fix and Recycle Nitrogen in Lagoon Sediments. <i>Frontiers in Microbiology</i> , 2020, 11, 610269.	3.5	15
20	Depicting Temporal, Functional, and Phylogenetic Patterns in Estuarine Diazotrophic Communities from Environmental DNA and RNA. <i>Microbial Ecology</i> , 2021, 81, 36-51.	2.8	14
21	Estuarine Macrofauna Affects Benthic Biogeochemistry in a Hypertrophic Lagoon. <i>Water (Switzerland)</i> , 2019, 11, 1186.	2.7	12
22	Spatiotemporal patterns of N <sub>2</sub> fixation in coastal waters derived from rate measurements and remote sensing. <i>Biogeosciences</i> , 2021, 18, 1857-1871.	3.3	9
23	Biogeochemical Budgets of Nutrients and Metabolism in the Curonian Lagoon (South East Baltic Sea): Spatial and Temporal Variations. <i>Water (Switzerland)</i> , 2022, 14, 164.	2.7	9
24	A bioturbator, a holobiont, and a vector: The multifaceted role of <i>Chironomus plumosus</i> in shaping N-cycling. <i>Freshwater Biology</i> , 2021, 66, 1036-1048.	2.4	8
25	Benthic Metabolism in Fluvial Sediments with Larvae of <i>Lampetra</i> sp.. <i>Water (Switzerland)</i> , 2021, 13, 1002.	2.7	7
26	Partitioning benthic nitrogen cycle processes among three common macrofauna holobionts. <i>Biogeochemistry</i> , 2022, 157, 193-213.	3.5	7
27	Amphipods' grazing and excretion loop facilitates <i>Chara contraria</i> persistence in a eutrophic lagoon. <i>Aquatic Botany</i> , 2021, 171, 103378.	1.6	4