

Matthew S Schuler

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

860
citations

623734

14
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

1087
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of thermal physiology in endotherms. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 861-881.	1.8	171
2	Salinization triggers a trophic cascade in experimental freshwater communities with varying foodâ€chain length. <i>Ecological Applications</i> , 2017, 27, 833-844.	3.8	100
3	Regulations are needed to protect freshwater ecosystems from salinization. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180019.	4.0	100
4	A Review of the Combined Threats of Road Salts and Heavy Metals to Freshwater Systems. <i>BioScience</i> , 2018, 68, 327-335.	4.9	93
5	Investigation of road salts and biotic stressors on freshwater wetland communities. <i>Environmental Pollution</i> , 2017, 221, 159-167.	7.5	58
6	Current water quality guidelines across North America and Europe do not protect lakes from salinization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	49
7	Salty fertile lakes: how salinization and eutrophication alter the structure of freshwater communities. <i>Ecosphere</i> , 2018, 9, e02383.	2.2	48
8	How common road salts and organic additives alter freshwater food webs: in search of safer alternatives. <i>Journal of Applied Ecology</i> , 2017, 54, 1353-1361.	4.0	47
9	Isopods Failed to Acclimate Their Thermal Sensitivity of Locomotor Performance during Predictable or Stochastic Cooling. <i>PLoS ONE</i> , 2011, 6, e20905.	2.5	25
10	The maladaptive significance of maternal effects for plants in anthropogenically modified environments. <i>Evolutionary Ecology</i> , 2012, 26, 475-481.	1.2	21
11	Lake salinization drives consistent losses of zooplankton abundance and diversity across coordinated mesocosm experiments. <i>Limnology and Oceanography Letters</i> , 2023, 8, 19-29.	3.9	21
12	Food consumption does not affect the preferred body temperature of Yarrow's spiny lizard (<i>Sceloporus jarrovi</i>). <i>Journal of Thermal Biology</i> , 2011, 36, 112-115.	2.5	19
13	Habitat size modulates the influence of heterogeneity on species richness patterns in a model zooplankton community. <i>Ecology</i> , 2017, 98, 1651-1659.	3.2	19
14	Concurrent improvement and deterioration of epilimnetic water quality in an oligotrophic lake over 37â€years. <i>Limnology and Oceanography</i> , 2020, 65, 927-938.	3.1	17
15	Habitat patch size alters the importance of dispersal for species diversity in an experimental freshwater community. <i>Ecology and Evolution</i> , 2017, 7, 5774-5783.	1.9	16
16	Road salt and organic additives affect mosquito growth and survival: an emerging problem in wetlands. <i>Oikos</i> , 2018, 127, 866-874.	2.7	14
17	Predation risks suppress lifetime fitness in a wild mammal. <i>Oikos</i> , 2019, 128, 790-797.	2.7	13
18	More individuals drive the species energyâ€area relationship in an experimental zooplankton community. <i>Oikos</i> , 2015, 124, 1065-1070.	2.7	12

#	ARTICLE	IF	CITATIONS
19	Nutritional state reveals complex consequences of risk in a wild predatorâ€“prey community. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170757.	2.6	8
20	The effects of nutrient enrichment and invasive mollusks on freshwater environments. <i>Ecosphere</i> , 2020, 11, e03196.	2.2	4
21	Nutrients influence the multi-trophic impacts of an invasive species unaffected by native competitors or predators. <i>Science of the Total Environment</i> , 2019, 694, 133704.	8.0	3
22	Calcium chloride pollution mitigates the negative effects of an invasive clam. <i>Biological Invasions</i> , 2021, 23, 1349-1366.	2.4	2