Justin N Murdock

List of Publications by Year
in descending order

18	569	933447 10	940533 16
papers	citations	h-index	g-index

18	18	18	838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sediment Nutrient Flux Rates in a Shallow, Turbid Lake Are More Dependent on Water Quality Than Lake Depth. Water (Switzerland), 2021, 13, 1344.	2.7	2
2	Water depth influences algal distribution and productivity in shallow agricultural lakes. Ecohydrology, 2021, 14, e2319.	2.4	10
3	Stoichiometric Ecotoxicology for a Multisubstance World. BioScience, 2021, 71, 132-147.	4.9	12
4	Didymosphenia geminata habitat requirements are unique and variable for cell establishment and mat accumulation. Hydrobiologia, 2019, 828, 147-164.	2.0	8
5	Declining phosphorus as a potential driver for the onset of Didymosphenia geminata mats in <scp>N</scp>orth <scp>A</scp>merican rivers. River Research and Applications, 2018, 34, 1105-1110.	1.7	10
6	Exclusion size and material have minimal effects on stream benthic algae and macroinvertebrate colonization within submerged cages. Aquatic Ecology, 2017, 51, 545-556.	1.5	0
7	Detecting carbon uptake and cellular allocation by individual algae in multispecies assemblages. Limnology and Oceanography: Methods, 2016, 14, 124-137.	2.0	0
8	Influence of macroconsumers, stream position, and nutrient gradients on invertebrate assemblage development following flooding in intermittent prairie streams. Hydrobiologia, 2013, 714, 169-182.	2.0	3
9	Periphyton responses to nutrient and atrazine mixtures introduced through agricultural runoff. Ecotoxicology, 2013, 22, 215-230.	2.4	25
10	Macromolecular Response of Individual Algal Cells to Nutrient and Atrazine Mixtures within Biofilms. Microbial Ecology, 2012, 63, 761-772.	2.8	13
11	Responses of Hyalella azteca and phytoplankton to a simulated agricultural runoff event in a managed backwater wetland. Chemosphere, 2012, 87, 684-691.	8.2	6
12	Dynamic influences of nutrients and grazing fish on periphyton during recovery from flood. Journal of the North American Benthological Society, 2011, 30, 331-345.	3.1	19
13	Nutrient loading and grazing by the minnow Phoxinus erythrogaster shift periphyton abundance and stoichiometry in mesocosms. Freshwater Biology, 2011, 56, 1133-1146.	2.4	28
14	Consumer return chronology alters recovery trajectory of stream ecosystem structure and function following drought. Ecology, 2010, 91, 1048-1062.	3.2	33
15	FT-IR Microspectroscopy Enhances Biological and Ecological Analysis of Algae. Applied Spectroscopy Reviews, 2009, 44, 335-361.	6.7	172
16	Subcellular localized chemical imaging of benthic algal nutritional content via HgCdTe array FT-IR. Vibrational Spectroscopy, 2008, 48, 179-188.	2.2	15
17	LINKING BENTHIC ALGAL BIOMASS TO STREAM SUBSTRATUM TOPOGRAPHY. Journal of Phycology, 2007, 43, 449-460.	2.3	80
18	The saturation of N cycling in Central Plains streams: 15N experiments across a broad gradient of nitrate concentrations. Biogeochemistry, 2007, 84, 31-49.	3.5	133