

Mehdi Cherif

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7232494/publications.pdf>

Version: 2024-02-01

17
papers

660
citations

759233

12
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	Global change-driven effects on dissolved organic matter composition: Implications for food webs of northern lakes. <i>Global Change Biology</i> , 2018, 24, 3692-3714.	9.5	229
2	Stoichiometric Constraints on Resource Use, Competitive Interactions, and Elemental Cycling in Microbial Decomposers. <i>American Naturalist</i> , 2007, 169, 709-724.	2.1	80
3	Plant-herbivore-decomposer stoichiometric mismatches and nutrient cycling in ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122453.	2.6	59
4	The mechanics of predator-prey interactions: First principles of physics predict predator-prey size ratios. <i>Functional Ecology</i> , 2019, 33, 323-334.	3.6	52
5	Integrating elements and energy through the metabolic dependencies of gross growth efficiency and the threshold elemental ratio. <i>Oikos</i> , 2010, 119, 752-765.	2.7	51
6	When microbes and consumers determine the limiting nutrient of autotrophs: a theoretical analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 487-497.	2.6	35
7	Towards a more biologically realistic use of Droop's equations to model growth under multiple nutrient limitation. <i>Oikos</i> , 2010, 119, 897-907.	2.7	31
8	Interactive Effects Between Reindeer and Habitat Fertility Drive Soil Nutrient Availabilities in Arctic Tundra. <i>Ecosystems</i> , 2017, 20, 1266-1277.	3.4	27
9	The role of competition in adaptive radiation: a field study on sequentially ovipositing host-specific seed predators. <i>Journal of Animal Ecology</i> , 2004, 73, 109-116.	2.8	24
10	Size-related effects of physical factors on phytoplankton communities. <i>Ecological Modelling</i> , 2016, 323, 41-50.	2.5	16
11	Artificially generated turbulence: a review of phycological nanocosm, microcosm, and mesocosm experiments. <i>Hydrobiologia</i> , 2021, 848, 961-991.	2.0	16
12	An Operational Framework for the Advancement of a Molecule-to-Biosphere Stoichiometry Theory. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	14
13	Long-term heavy reindeer grazing promotes plant phosphorus limitation in arctic tundra. <i>Functional Ecology</i> , 2019, 33, 1233-1242.	3.6	10
14	Ecological stoichiometry and nutrient partitioning in two insect herbivores responsible for large-scale forest disturbance in the Fennoscandian subarctic. <i>Ecological Entomology</i> , 2019, 44, 118-128.	2.2	7
15	Potential for Local Fertilization: A Benthocosm Test of Long-Term and Short-Term Effects of Mussel Excretion on the Plankton. <i>PLoS ONE</i> , 2016, 11, e0156411.	2.5	4
16	Biological Stoichiometry: The Elements at the Heart of Biological Interactions. , 0, , .		3
17	Inferring Size-Based Functional Responses From the Physical Properties of the Medium. <i>Frontiers in Ecology and Evolution</i> , 2022, 9, .	2.2	1