

Mehdi Cherif

List of Publications by Year in descending order

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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 | Inferring Size-Based Functional Responses From the Physical Properties of the Medium. <i>Frontiers in Ecology and Evolution</i> , 2022, 9, . | 2.2 | 1 |
| 2 | Artificially generated turbulence: a review of phycological nanocosm, microcosm, and mesocosm experiments. <i>Hydrobiologia</i> , 2021, 848, 961-991. | 2.0 | 16 |
| 3 | Long-term heavy reindeer grazing promotes plant phosphorus limitation in arctic tundra. <i>Functional Ecology</i> , 2019, 33, 1233-1242. | 3.6 | 10 |
| 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 | 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 |
| 6 | 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 |
| 7 | Interactive Effects Between Reindeer and Habitat Fertility Drive Soil Nutrient Availabilities in Arctic Tundra. <i>Ecosystems</i> , 2017, 20, 1266-1277. | 3.4 | 27 |
| 8 | An Operational Framework for the Advancement of a Molecule-to-Biosphere Stoichiometry Theory. <i>Frontiers in Marine Science</i> , 2017, 4, . | 2.5 | 14 |
| 9 | Size-related effects of physical factors on phytoplankton communities. <i>Ecological Modelling</i> , 2016, 323, 41-50. | 2.5 | 16 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Stoichiometric Constraints on Resource Use, Competitive Interactions, and Elemental Cycling in Microbial Decomposers. <i>American Naturalist</i> , 2007, 169, 709-724. | 2.1 | 80 |
| 16 | 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 |
| 17 | Biological Stoichiometry: The Elements at the Heart of Biological Interactions. , 0, , . | | 3 |