# Halvor M Halvorson

List of Publications by Year
in descending order



| 30 | 645 | 623734 | 610901 |
|---|---|---|---|
| papers | citations | 14 h-index | 24 g-index |

| 31 | 31 | 31 | 827 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Global Patterns and Controls of Nutrient Immobilization on Decomposing Cellulose in Riverine Ecosystems. Global Biogeochemical Cycles, 2022, 36, . | 4.9 | 12 |
| 2 | Variable stoichiometric and macronutrient responses to lizard predation in Ozark glade grasshopper communities. Oecologia, 2022, 199, 757-768. | 2.0 | 1 |
| 3 | Filter-feeders have differential bottom-up impacts on green and brown food webs. Oecologia, 2021, 195, 187-198. | 2.0 | 15 |
| 4 | A literature synthesis resolves litter intrinsic constraints on fungal dynamics and decomposition across standing dead macrophytes. Oikos, 2021, 130, 958-968. | 2.7 | 3 |
| 5 | Brown meets green: light and nutrients alter detritivore assimilation of microbial nutrients from leaf litter. Ecology, 2021, 102, e03358. | 3.2 | 4 |
| 6 | Leaf-litter decomposition and microbial responses to light and macroinvertebrate consumer manipulations in experimental streams. Freshwater Science, 2021, 40, 340-353. | 1.8 | 0 |
| 7 | Algal-driven priming of cellulose decomposition along a phosphorus gradient in stream mesocosms. Freshwater Science, 2021, 40, 580-592. | 1.8 | 1 |
| 8 | Functional importance and diversity of fungi during standing grass litter decomposition. Oecologia, 2021, 195, 499-512. | 2.0 | 8 |
| 9 | Ecological Stoichiometry in Streamsâ˜†. , 2021, , . | | 1 |
| 10 | Macroinvertebrate community patterns in relation to leafâ€associated periphyton under contrasting light and nutrient conditions in headwater streams. Freshwater Biology, 2020, 65, 1270-1287. | 2.4 | 11 |
| 11 | Light and temperature mediate algal stimulation of heterotrophic activity on decomposing leaf litter. Freshwater Biology, 2020, 65, 1210-1222. | 2.4 | 15 |
| 12 | Leaf-litter stoichiometry and microbial phosphatase activity, respiration, and decomposition as phosphorus enrichment endpoints: A laboratory experiment. Freshwater Science, 2020, 39, 665-679. | 1.8 | 3 |
| 13 | Ecological significance of autotrophâ€“heterotroph microbial interactions in freshwaters. Freshwater Biology, 2020, 65, 1183-1188. | 2.4 | 12 |
| 14 | Light and dissolved nutrients mediate recalcitrant organic matter decomposition via microbial priming in experimental streams. Freshwater Biology, 2020, 65, 1189-1199. | 2.4 | 15 |
| 15 | Algal-Mediated Priming Effects on the Ecological Stoichiometry of Leaf Litter Decomposition: A Meta-Analysis. Frontiers in Earth Science, 2019, 7, . | 1.8 | 27 |
| 16 | Interspecific homeostatic regulation and growth across aquatic invertebrate detritivores: a test of ecological stoichiometry theory. Oecologia, 2019, 190, 229-242. | 2.0 | 12 |
| 17 | Egestion Versus Excretion: A Meta-Analysis Examining Nutrient Release Rates and Ratios across Freshwater Fauna. Diversity, 2019, 11, 189. | 1.7 | 13 |
| 18 | Periphytic algae decouple fungal activity from leaf litter decomposition via negative priming. Functional Ecology, 2019, 33, 188-201. | 3.6 | 50 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Detrital nutrient content and leaf species differentially affect growth and nutritional regulation of detritivores. Oikos, 2018, 127, 1471-1481. | 2.7 | 19 |
| 20 | Longâ€term stoichiometry and fates highlight animal egestion as nutrient repackaging, not recycling, in aquatic ecosystems. Functional Ecology, 2017, 31, 1802-1812. | 3.6 | 19 |
| 21 | Quantity and quality limit detritivore growth: mechanisms revealed by ecological stoichiometry and coâ€limitation theory. Ecology, 2017, 98, 2995-3002. | 3.2 | 28 |
| 22 | Bridging Ecological Stoichiometry and Nutritional Geometry with homeostasis concepts and integrative models of organism nutrition. Functional Ecology, 2017, 31, 286-296. | 3.6 | 79 |
| 23 | From Elements to Function: Toward Unifying Ecological Stoichiometry and Trait-Based Ecology. Frontiers in Environmental Science, 2017, 5, . | 3.3 | 67 |
| 24 | Comparing the Ecological Stoichiometry in Green and Brown Food Webs â€“ A Review and Meta-analysis of Freshwater Food Webs. Frontiers in Microbiology, 2017, 8, 1184. | 3.5 | 69 |
| 25 | Woodstoich III: Integrating tools of nutritional geometry and ecological stoichiometry to advance nutrient budgeting and the prediction of consumerâ€driven nutrient recycling. Oikos, 2016, 125, 1539-1553. | 2.7 | 14 |
| 26 | Observational field studies are not appropriate tests of consumer stoichiometric homeostasis. Freshwater Science, 2016, 35, 1103-1116. | 1.8 | 19 |
| 27 | Light and dissolved phosphorus interactively affect microbial metabolism, stoichiometry and decomposition of leaf litter. Freshwater Biology, 2016, 61, 1006-1019. | 2.4 | 41 |
| 28 | Dietary and taxonomic controls on incorporation of microbial carbon and phosphorus by detritivorous caddisflies. Oecologia, 2016, 180, 567-579. | 2.0 | 23 |
| 29 | A stream insect detritivore violates common assumptions of threshold elemental ratio bioenergetics models. Freshwater Science, 2015, 34, 508-518. | 1.8 | 34 |
| 30 | Dietary influences on production, stoichiometry and decomposition of particulate wastes from shredders. Freshwater Biology, 2015, 60, 466-478. | 2.4 | 30 |