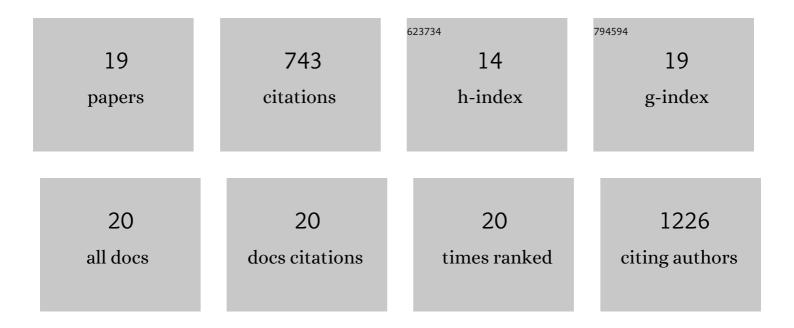
Marieke A Frassl

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1841806/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--|-------------------|---------------|
| 1 | Storm impacts on phytoplankton community dynamics in lakes. Global Change Biology, 2020, 26, 2756-2784. | 9.5 | 144 |
| 2 | Exploring, exploiting and evolving diversity of aquatic ecosystem models: a community perspective. Aquatic Ecology, 2015, 49, 513-548. | 1.5 | 97 |
| 3 | A multi-lake comparative analysis of the General Lake Model (GLM): Stress-testing across a global observatory network. Environmental Modelling and Software, 2018, 102, 274-291. | 4.5 | 93 |
| 4 | Global CO2 emissions from dry inland waters share common drivers across ecosystems. Nature Communications, 2020, 11, 2126. | 12.8 | 73 |
| 5 | A system of metrics for the assessment and improvement of aquatic ecosystem models. Environmental Modelling and Software, 2020, 128, 104697. | 4.5 | 65 |
| 6 | Use of a weather generator for simulating climate change effects on ecosystems: A case study on Lake Constance. Environmental Modelling and Software, 2014, 61, 326-338. | 4.5 | 37 |
| 7 | Metalimnetic oxygen minimum and the presence of Planktothrix rubescens in a low-nutrient drinking water reservoir. Water Research, 2019, 148, 208-218. | 11.3 | 37 |
| 8 | Ten simple rules for collaboratively writing a multi-authored paper. PLoS Computational Biology, 2018, 14, e1006508. | 3.2 | 30 |
| 9 | Episodic wind events induce persistent shifts in the thermal stratification of a reservoir (Rappbode) Tj ETQq1 1 | 0.784314 r 0.9 | gBT /Overloci |
| 10 | Predictive utility of trait-separated phytoplankton groups: A robust approach to modeling population dynamics. Journal of Great Lakes Research, 2014, 40, 143-150. | 1.9 | 25 |
| 11 | Long-term development of hypolimnetic oxygen depletion rates in the large Lake Constance. Ambio, 2017, 46, 554-565. | 5.5 | 24 |
| 12 | Virtual geographic environments for water pollution control. International Journal of Digital Earth, 2018, 11, 397-407. | 3.9 | 18 |
| 13 | A short review of contemporary developments in aquatic ecosystem modelling of lakes and reservoirs. Environmental Modelling and Software, 2019, 117, 181-187. | 4.5 | 18 |
| 14 | Opportunities and Limits of Using Meteorological Reanalysis Data for Simulating Seasonal to Sub-Daily Water Temperature Dynamics in a Large Shallow Lake. Water (Switzerland), 2018, 10, 594. | 2.7 | 17 |
| 15 | Algal internal nutrient stores feedback on vertical phosphorus distribution in large lakes. Journal of Great Lakes Research, 2014, 40, 162-172. | 1.9 | 11 |
| 16 | Temperature-dependent consumer-resource dynamics: A coupled structured model for Gammarus pulex (L.) and leaf litter. Ecological Modelling, 2012, 247, 157-167. | 2.5 | 10 |
| 17 | Temporal patterns of populations in a warming world: a modelling framework. Marine Biology, 2012, 159, 2605-2620. | 1.5 | 8 |
| 18 | Reconstructing Six Decades of Surface Temperatures at a Shallow Lake. Water (Switzerland), 2020, 12, 405. | 2.7 | 5 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | WP-C: A Step Towards Secured Drinking Water: Development of an Early Warning System for Lakes. Terrestrial Environmental Sciences, 2019, , 159-205. | 0.5 | 1 |