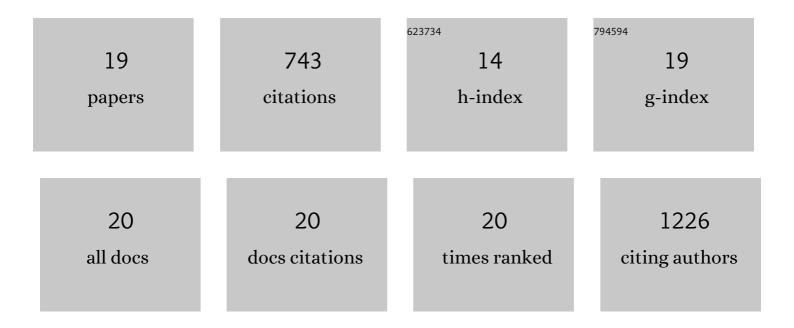
Marieke A Frassl

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