

Marieke A Frassl

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

743
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1226
citing authors

#	ARTICLE	IF	CITATIONS
1	Storm impacts on phytoplankton community dynamics in lakes. <i>Global Change Biology</i> , 2020, 26, 2756-2784.	9.5	144
2	Exploring, exploiting and evolving diversity of aquatic ecosystem models: a community perspective. <i>Aquatic Ecology</i> , 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. <i>Environmental Modelling and Software</i> , 2018, 102, 274-291.	4.5	93
4	Global CO ₂ emissions from dry inland waters share common drivers across ecosystems. <i>Nature Communications</i> , 2020, 11, 2126.	12.8	73
5	A system of metrics for the assessment and improvement of aquatic ecosystem models. <i>Environmental Modelling and Software</i> , 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. <i>Environmental Modelling and Software</i> , 2014, 61, 326-338.	4.5	37
7	Metalimnetic oxygen minimum and the presence of <i>Planktothrix rubescens</i> in a low-nutrient drinking water reservoir. <i>Water Research</i> , 2019, 148, 208-218.	11.3	37
8	Ten simple rules for collaboratively writing a multi-authored paper. <i>PLoS Computational Biology</i> , 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 rgBT /Overlo 0.9 30	0.9	30
10	Predictive utility of trait-separated phytoplankton groups: A robust approach to modeling population dynamics. <i>Journal of Great Lakes Research</i> , 2014, 40, 143-150.	1.9	25
11	Long-term development of hypolimnetic oxygen depletion rates in the large Lake Constance. <i>Ambio</i> , 2017, 46, 554-565.	5.5	24
12	Virtual geographic environments for water pollution control. <i>International Journal of Digital Earth</i> , 2018, 11, 397-407.	3.9	18
13	A short review of contemporary developments in aquatic ecosystem modelling of lakes and reservoirs. <i>Environmental Modelling and Software</i> , 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. <i>Water (Switzerland)</i> , 2018, 10, 594.	2.7	17
15	Algal internal nutrient stores feedback on vertical phosphorus distribution in large lakes. <i>Journal of Great Lakes Research</i> , 2014, 40, 162-172.	1.9	11
16	Temperature-dependent consumer-resource dynamics: A coupled structured model for <i>Gammarus pulex</i> (L.) and leaf litter. <i>Ecological Modelling</i> , 2012, 247, 157-167.	2.5	10
17	Temporal patterns of populations in a warming world: a modelling framework. <i>Marine Biology</i> , 2012, 159, 2605-2620.	1.5	8
18	Reconstructing Six Decades of Surface Temperatures at a Shallow Lake. <i>Water (Switzerland)</i> , 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