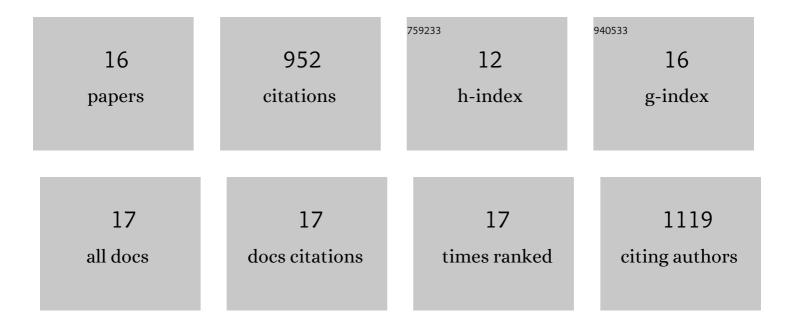
Rachel M Pilla

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1991564/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Earlier ice breakup induces changepoint responses in duration and variability of spring mixing and summer stratification in dimictic lakes. Limnology and Oceanography, 2022, 67, .	3.1	11
2	Getting lost tracking the carbon footprint of hydropower. Renewable and Sustainable Energy Reviews, 2022, 162, 112408.	16.4	7
3	A New Thermal Categorization of Iceâ€Covered Lakes. Geophysical Research Letters, 2021, 48, e2020GL091374.	4.0	31
4	Attenuation of photosynthetically active radiation and ultraviolet radiation in response to changing dissolved organic carbon in browning lakes: Modeling and parametrization. Limnology and Oceanography, 2021, 66, 2278-2289.	3.1	13
5	Climate change drives widespread shifts in lake thermal habitat. Nature Climate Change, 2021, 11, 521-529.	18.8	87
6	Widespread deoxygenation of temperate lakes. Nature, 2021, 594, 66-70.	27.8	267
7	Earlier winter/spring runoff and snowmelt during warmer winters lead to lower summer chlorophyllâ€ <i>a</i> in north temperate lakes. Global Change Biology, 2021, 27, 4615-4629.	9.5	22
8	Global data set of long-term summertime vertical temperature profiles in 153 lakes. Scientific Data, 2021, 8, 200.	5.3	7
9	LakeEnsemblR: An R package that facilitates ensemble modelling of lakes. Environmental Modelling and Software, 2021, 143, 105101.	4.5	21
10	Deeper waters are changing less consistently than surface waters in a global analysis of 102 lakes. Scientific Reports, 2020, 10, 20514.	3.3	56
11	Habitat-Mediated Responses of Zooplankton to Decreasing Light in Two Temperate Lakes Undergoing Long-Term Browning. Frontiers in Environmental Science, 2020, 8, .	3.3	15
12	Browningâ€Related Decreases in Water Transparency Lead to Longâ€Term Increases in Surface Water Temperature and Thermal Stratification in Two Small Lakes. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 1651-1665.	3.0	63
13	Browning-related oxygen depletion in an oligotrophic lake. Inland Waters, 2018, 8, 255-263.	2.2	40
14	Transparency, Geomorphology and Mixing Regime Explain Variability in Trends in Lake Temperature and Stratification across Northeastern North America (1975–2014). Water (Switzerland), 2017, 9, 442.	2.7	77
15	Sentinel responses to droughts, wildfires, and floods: effects of <scp>UV</scp> radiation on lakes and their ecosystem services. Frontiers in Ecology and the Environment, 2016, 14, 102-109.	4.0	67
16	Ecological consequences of long-term browning in lakes. Scientific Reports, 2016, 5, 18666.	3.3	168