Rachel M Pilla

List of Publications by Year
in descending order

16	952	759233 12	940533 16
papers	citations	h-index	g-index

17	17	17	1119
all docs	docs citations	times ranked	citing authors

#	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€a 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 (1975â€“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