

Eleanor B Mackay

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,568
citations

394421

19
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

4072
citing authors

#	ARTICLE	IF	CITATIONS
1	Can reductions in water residence time be used to disrupt seasonal stratification and control internal loading in a eutrophic monomictic lake?. <i>Journal of Environmental Management</i> , 2022, 304, 114169.	7.8	13
2	Annual water residence time effects on thermal structure: A potential lake restoration measure?. <i>Journal of Environmental Management</i> , 2022, 314, 115082.	7.8	9
3	A framework for ensemble modelling of climate change impacts on lakes worldwide: the ISIMIP Lake Sector. <i>Geoscientific Model Development</i> , 2022, 15, 4597-4623.	3.6	37
4	Phenological shifts in lake stratification under climate change. <i>Nature Communications</i> , 2021, 12, 2318.	12.8	118
5	Widespread deoxygenation of temperate lakes. <i>Nature</i> , 2021, 594, 66-70.	27.8	267
6	Wide-spread inconsistency in estimation of lake mixed depth impacts interpretation of limnological processes. <i>Water Research</i> , 2020, 168, 115136.	11.3	37
7	Dissolved organic nutrient uptake by riverine phytoplankton varies along a gradient of nutrient enrichment. <i>Science of the Total Environment</i> , 2020, 722, 137837.	8.0	40
8	Northern Hemisphere Atmospheric Stilling Accelerates Lake Thermal Responses to a Warming World. <i>Geophysical Research Letters</i> , 2019, 46, 11983-11992.	4.0	65
9	Modelling lake cyanobacterial blooms: Disentangling the climate-driven impacts of changing mixed depth and water temperature. <i>Freshwater Biology</i> , 2019, 64, 2141-2155.	2.4	24
10	Identifying critical source areas using multiple methods for effective diffuse pollution mitigation. <i>Journal of Environmental Management</i> , 2019, 250, 109366.	7.8	26
11	Model-based hypervolumes for complex ecological data. <i>Ecology</i> , 2019, 100, e02676.	3.2	10
12	Widening the Circle of Engagement Around Environmental Issues using Cloud-based Tools. , 2019, , .		1
13	Protecting and restoring Europe's waters: An analysis of the future development needs of the Water Framework Directive. <i>Science of the Total Environment</i> , 2019, 658, 1228-1238.	8.0	295
14	Adaptive forecasting of phytoplankton communities. <i>Water Research</i> , 2018, 134, 74-85.	11.3	41
15	Organic phosphorus in the terrestrial environment: a perspective on the state of the art and future priorities. <i>Plant and Soil</i> , 2018, 427, 191-208.	3.7	145
16	Constraining uncertainty and process-representation in an algal community lake model using high frequency in-lake observations. <i>Ecological Modelling</i> , 2017, 357, 1-13.	2.5	9
17	Ecological resilience in lakes and the conjunction fallacy. <i>Nature Ecology and Evolution</i> , 2017, 1, 1616-1624.	7.8	52
18	Do early warning indicators consistently predict nonlinear change in long-term ecological data?. <i>Journal of Applied Ecology</i> , 2016, 53, 666-676.	4.0	104

#	ARTICLE	IF	CITATIONS
19	Editorial "A critical perspective on geo-engineering for eutrophication management in lakes. Water Research, 2016, 97, 1-10.	11.3	203
20	Phytoplankton community responses in a shallow lake following lanthanum-bentonite application. Water Research, 2016, 97, 55-68.	11.3	14
21	Phenological sensitivity to climate across taxa and trophic levels. Nature, 2016, 535, 241-245.	27.8	705
22	Ecological Instability in Lakes: A Predictable Condition?. Environmental Science & Technology, 2016, 50, 3285-3286.	10.0	10
23	A meta-analysis of water quality and aquatic macrophyte responses in 18 lakes treated with lanthanum modified bentonite (Phoslock®). Water Research, 2016, 97, 111-121.	11.3	102
24	Digital catchment observatories: A platform for engagement and knowledge exchange between catchment scientists, policy makers, and local communities. Water Resources Research, 2015, 51, 4815-4822.	4.2	24
25	Interannual variations in atmospheric forcing determine trajectories of hypolimnetic soluble reactive phosphorus supply in a eutrophic lake. Freshwater Biology, 2014, 59, 1646-1658.	2.4	9
26	Geo-Engineering in Lakes: A Crisis of Confidence?. Environmental Science & Technology, 2014, 48, 9977-9979.	10.0	74
27	Geoengineering in lakes: welcome attraction or fatal distraction?. Inland Waters, 2014, 4, 349-356.	2.2	76
28	Contribution of sediment focussing to heterogeneity of organic carbon and phosphorus burial in small lakes. Freshwater Biology, 2012, 57, 290-304.	2.4	39
29	Spatial heterogeneity in a small, temperate lake during archetypal weak forcing conditions. Fundamental and Applied Limnology, 2011, 179, 27-40.	0.7	10
30	Transition zones in small lakes: the importance of dilution and biological uptake on lake-wide heterogeneity. Hydrobiologia, 2011, 678, 85-97.	2.0	9