

Suzanne McGowan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9112899/publications.pdf>

Version: 2024-02-01

106
papers

3,022
citations

186265

28
h-index

189892

50
g-index

106
all docs

106
docs citations

106
times ranked

3873
citing authors

#	ARTICLE	IF	CITATIONS
1	Habitat heterogeneity enables spatial and temporal coexistence of native and invasive macrophytes in shallow lake landscapes. <i>River Research and Applications</i> , 2022, 38, 1387-1399.	1.7	4
2	Reply to "Marine abundance and its prehistoric past in the Baltic". <i>Nature Communications</i> , 2022, 13, .	12.8	0
3	Pollen-based reconstruction reveals the impact of the onset of agriculture on plant functional trait composition. <i>Ecology Letters</i> , 2022, 25, 1937-1951.	6.4	7
4	Can $\delta^{18}O$ help indicate the causes of recent lake area expansion on the western Tibetan Plateau? A case study from Aweng Co. <i>Journal of Paleolimnology</i> , 2021, 65, 169-180.	1.6	2
5	High rates of biodeposition and N-excretion indicate strong functional effects of mussels (<i>Bivalvia</i>): Tj ETQq1 1 0.784314 rgBT ₅ /Overlock	2.0	5
6	Evidence for centennial-scale Mid-Holocene episodes of hypolimnetic anoxia in a high-altitude lake system from central Tian Shan (Kyrgyzstan). <i>Quaternary Science Reviews</i> , 2021, 252, 106748.	3.0	9
7	Local and Regional Drivers of Environmental Changes in Two Subtropical Montane Ponds (Central) Tj ETQq1 1 0.784314 rgBT ₉ /Overlock	3.4	9
8	Cover Image, Volume 8, Issue 2. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1515.	6.5	0
9	Effects of climate change on a subtropical montane peatland over the last two centuries: Evidence from diatom records. <i>Holocene</i> , 2021, 31, 1112-1123.	1.7	4
10	Anthropocene climate warming enhances autochthonous carbon cycling in an upland Arctic lake, Disko Island, West Greenland. <i>Biogeosciences</i> , 2021, 18, 2465-2485.	3.3	3
11	Climatic and environmental change in the western Tibetan Plateau during the Holocene, recorded by lake sediments from Aweng Co. <i>Quaternary Science Reviews</i> , 2021, 259, 106889.	3.0	9
12	Synergistic impacts of nutrient enrichment and climate change on long-term water quality and ecological dynamics in contrasting shallow lake zones. <i>Limnology and Oceanography</i> , 2021, 66, 3271-3286.	3.1	32
13	Holocene lake phosphorus species and primary producers reflect catchment processes in a small, temperate lake. <i>Ecological Monographs</i> , 2021, 91, e01455.	5.4	4
14	Getting into hot water: Water quality in tropical lakes in relation to their utilisation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 789, 012021.	0.3	2
15	Lake ecosystem on the Qinghai-Tibetan Plateau severely altered by climatic warming and human activity. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 576, 110509.	2.3	16
16	Paleoecological evidence for a multi-trophic regime shift in a perialpine lake (Lake Joux, Switzerland). <i>Anthropocene</i> , 2021, 35, 100301.	3.3	12
17	Healthy waterways and ecologically sustainable cities in Beijing-Tianjin-Hebei urban agglomeration (northern China): Challenges and future directions. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1500.	6.5	18
18	Tropical Asian mega-delta ponds: Important and threatened socio-ecological systems. <i>Geo: Geography and Environment</i> , 2021, 8, e00103.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Shallow water phytoplankton responses to nitrate and salinity enrichment may be modified by benthic processes. <i>Inland Waters</i> , 2020, 10, 137-151.	2.2	8
20	Mercury loading within the Selenga River basin and Lake Baikal, Siberia. <i>Environmental Pollution</i> , 2020, 259, 113814.	7.5	10
21	Changing nutrient cycling in Lake Baikal, the world's oldest lake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27211-27217.	7.1	19
22	Using stable isotopes to estimate young water fractions in a heavily regulated, tropical lowland river basin. <i>Hydrological Processes</i> , 2020, 34, 4239-4250.	2.6	4
23	Source and quantity of carbon influence its sequestration in Rostherne Mere (UK) sediment: a novel application of stepped combustion radiocarbon analysis. <i>Journal of Paleolimnology</i> , 2020, 64, 347-363.	1.6	5
24	Brian Moss: the wizard of shallow lakes. <i>Inland Waters</i> , 2020, 10, 153-158.	2.2	0
25	Diatoms in a sediment core from a flood pulse wetland in Malaysia record strong responses to human impacts and hydroclimate over the past 150 years. <i>Geo: Geography and Environment</i> , 2020, 7, e00090.	0.8	6
26	Marine resource abundance drove pre-agricultural population increase in Stone Age Scandinavia. <i>Nature Communications</i> , 2020, 11, 2006.	12.8	25
27	Diatom-based water-table reconstruction in Sphagnum peatlands of northeastern China. <i>Water Research</i> , 2020, 174, 115648.	11.3	17
28	Towards the conservation of Borneo's freshwater mussels: rediscovery of the endemic <i>Ctenodesma borneensis</i> and first record of the non-native <i>Sinanodonta lauta</i> . <i>Biodiversity and Conservation</i> , 2020, 29, 2235-2253.	2.6	10
29	Rapidly rising transboundary atmospheric pollution from industrial and urban sources in Southeast Asia and its implications for regional sustainable development. <i>Environmental Research Letters</i> , 2020, 15, 1040a5.	5.2	7
30	Admixture between Ancient Lineages, Selection, and the Formation of Sympatric Stickleback Species-Pairs. <i>Molecular Biology and Evolution</i> , 2019, 36, 2481-2497.	8.9	19
31	Potential anthropogenic regime shifts in three freshwater lakes in Tropical East Asia. <i>Freshwater Biology</i> , 2019, 64, 708-722.	2.4	14
32	Arctic climate shifts drive rapid ecosystem responses across the West Greenland landscape. <i>Environmental Research Letters</i> , 2019, 14, 074027.	5.2	38
33	Effects of mussels on nutrient cycling and bioeston in two contrasting tropical freshwater habitats. <i>Hydrobiologia</i> , 2019, 835, 179-191.	2.0	15
34	Response of boreal lakes to changing wind strength: Coherent physical changes across two large lakes but varying effects on primary producers over the 20 th century. <i>Limnology and Oceanography</i> , 2019, 64, 2237-2251.	3.1	7
35	Dissolved Inorganic Geogenic Phosphorus Load to a Groundwater-Fed Lake: Implications of Terrestrial Phosphorus Cycling by Groundwater. <i>Water (Switzerland)</i> , 2019, 11, 2213.	2.7	16
36	Transitions in diatom assemblages and pigments through dry and wet season conditions in the Red River, Hanoi (Vietnam). <i>Plant Ecology and Evolution</i> , 2019, 152, 163-177.	0.7	11

#	ARTICLE	IF	CITATIONS
37	Historical atmospheric pollution trends in Southeast Asia inferred from lake sediment records. <i>Environmental Pollution</i> , 2018, 235, 907-917.	7.5	26
38	Spatial differences in dissolved silicon utilization in Lake Baikal, Siberia: Examining the impact of high diatom biomass events and eutrophication. <i>Limnology and Oceanography</i> , 2018, 63, 1562-1578.	3.1	10
39	Changes and drivers of freshwater mussel diversity and distribution in northern Borneo. <i>Biological Conservation</i> , 2018, 219, 126-137.	4.1	30
40	Characterisation of a major phytoplankton bloom in the River Thames (UK) using flow cytometry and high performance liquid chromatography. <i>Science of the Total Environment</i> , 2018, 624, 366-376.	8.0	30
41	Functional attributes of epilithic diatoms for palaeoenvironmental interpretations in South-West Greenland lakes. <i>Journal of Paleolimnology</i> , 2018, 60, 273-298.	1.6	20
42	Effects of dam construction and increasing pollutants on the ecohydrological evolution of a shallow freshwater lake in the Yangtze floodplain. <i>Science of the Total Environment</i> , 2018, 621, 219-227.	8.0	40
43	Diatom evidence of 20th century ecosystem change in Lake Baikal, Siberia. <i>PLoS ONE</i> , 2018, 13, e0208765.	2.5	19
44	Regional variability in the atmospheric nitrogen deposition signal and its transfer to the sediment record in Greenland lakes. <i>Limnology and Oceanography</i> , 2018, 63, 2250-2265.	3.1	8
45	Late Quaternary climate change in the north-eastern highlands of Ethiopia: A high resolution 15,600 year diatom and pigment record from Lake Hayk. <i>Quaternary Science Reviews</i> , 2018, 202, 166-181.	3.0	10
46	Recent ecological change in ancient lakes. <i>Limnology and Oceanography</i> , 2018, 63, 2277-2304.	3.1	68
47	Direct and indirect effects of Holocene climate variations on catchment and lake processes of a treeline lake, SW China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 502, 119-129.	2.3	11
48	Regional versus local drivers of water quality in the Windermere catchment, Lake District, United Kingdom: The dominant influence of wastewater pollution over the past 200 years. <i>Global Change Biology</i> , 2018, 24, 4009-4022.	9.5	28
49	Vegetation transitions drive the autotrophy-heterotrophy balance in Arctic lakes. <i>Limnology and Oceanography Letters</i> , 2018, 3, 246-255.	3.9	20
50	Modification of littoral algal assemblages by gardening caddisfly larvae. <i>Freshwater Biology</i> , 2017, 62, 507-518.	2.4	5
51	Deciphering long-term records of natural variability and human impact as recorded in lake sediments: a palaeolimnological puzzle. <i>Wiley Interdisciplinary Reviews: Water</i> , 2017, 4, e1195.	6.5	56
52	Changes in carbon and nitrogen cycling in a floodplain lake over recent decades linked to littoral expansion, declining riverine influx, and eutrophication. <i>Hydrological Processes</i> , 2017, 31, 3110-3121.	2.6	16
53	Changes in glacial meltwater alter algal communities in lakes of Scoresby Sund, Renland, East Greenland throughout the Holocene: Abrupt reorganizations began 1000 years before present. <i>Holocene</i> , 2017, 27, 929-940.	1.7	8
54	The Arctic in the Twenty-First Century: Changing Biogeochemical Linkages across a Paraglacial Landscape of Greenland. <i>BioScience</i> , 2017, 67, 118-133.	4.9	60

#	ARTICLE	IF	CITATIONS
55	A multi-stakeholder strategy to identify conservation priorities in Peninsular Malaysia. <i>Cogent Environmental Science</i> , 2016, 2, 1254078.	1.6	17
56	Seasonal and Regional Controls of Phytoplankton Production along a Climate Gradient in South-West Greenland During Ice-Cover and Ice-Free Conditions. <i>Arctic, Antarctic, and Alpine Research</i> , 2016, 48, 139-159.	1.1	28
57	Effects of hydrological regulation and anthropogenic pollutants on Dongting Lake in the Yangtze floodplain. <i>Ecohydrology</i> , 2016, 9, 315-325.	2.4	41
58	Impacts of forestry planting on primary production in upland lakes from north-west Ireland. <i>Global Change Biology</i> , 2016, 22, 1490-1504.	9.5	7
59	Cover Image, Volume 3, Issue 2. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, i.	6.5	1
60	Muddy messages about American migration. <i>Nature</i> , 2016, 537, 43-44.	27.8	0
61	Factors driving changes in freshwater mussel (<i>Bivalvia</i> , <i>Unionida</i>) diversity and distribution in Peninsular Malaysia. <i>Science of the Total Environment</i> , 2016, 571, 1069-1078.	8.0	81
62	Long-term perspectives on terrestrial and aquatic carbon cycling from palaeolimnology. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 211-234.	6.5	27
63	Disentangling natural and anthropogenic drivers of changes in a shallow lake using palaeolimnology and historical archives. <i>Hydrobiologia</i> , 2016, 767, 301-320.	2.0	12
64	Comparisons of observed and modelled lake $\delta^{18}O$ variability. <i>Quaternary Science Reviews</i> , 2016, 131, 329-340.	3.0	34
65	Ecological sensitivity of marl lakes to nutrient enrichment: evidence from Hawes Water, UK. <i>Freshwater Biology</i> , 2015, 60, 2226-2247.	2.4	21
66	Establishing the impacts of freshwater aquaculture in tropical Asia: the potential role of palaeolimnology. <i>Geo: Geography and Environment</i> , 2015, 2, 148-163.	0.8	15
67	The coming and going of a marl lake: multi-indicator palaeolimnology reveals abrupt ecological change and alternative views of reference conditions. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	13
68	Effects of glacier meltwater on the algal sedimentary record of an alpine lake in the central US Rocky Mountains throughout the late Holocene. <i>Journal of Paleolimnology</i> , 2015, 53, 385-399.	1.6	21
69	Acceleration of cyanobacterial dominance in north temperate-subarctic lakes during the Anthropocene. <i>Ecology Letters</i> , 2015, 18, 375-384.	6.4	270
70	Spatial and temporal variability of lake ontogeny in south-western Greenland. <i>Quaternary Science Reviews</i> , 2015, 126, 1-16.	3.0	26
71	Looking forward through the past: identification of 50 priority research questions in palaeoecology. <i>Journal of Ecology</i> , 2014, 102, 256-267.	4.0	212
72	Catchment-mediated atmospheric nitrogen deposition drives ecological change in two alpine lakes in SE Tibet. <i>Global Change Biology</i> , 2014, 20, 1614-1628.	9.5	69

#	ARTICLE	IF	CITATIONS
73	Contrasting effects of nutrients and climate on algal communities in two lakes in the Windermere catchment since the late 19th century. <i>Freshwater Biology</i> , 2014, 59, 2605-2620.	2.4	19
74	Diatom communities along pH and hydrological gradients in three montane mires, central China. <i>Ecological Indicators</i> , 2014, 45, 123-129.	6.3	24
75	Nutrient limitation of periphyton growth in arctic lakes in south-west Greenland. <i>Polar Biology</i> , 2014, 37, 1331-1342.	1.2	29
76	Diatom response to heavy metal pollution and nutrient enrichment in an urban lake: evidence from paleolimnology. <i>Annales De Limnologie</i> , 2014, 50, 121-130.	0.6	18
77	The effects of hydrological extremes on former gravel pit lake ecology: management implications. <i>Fundamental and Applied Limnology</i> , 2014, 185, 71-90.	0.7	22
78	Cascading effects of generalist fish introduction in oligotrophic lakes. <i>Hydrobiologia</i> , 2013, 711, 99-113.	2.0	13
79	Persistence of protected, vulnerable macrophyte species in a small, shallow eutrophic lake (eastern) Tj ETQq1 1 0.784314 rgBT /Overlaid Botany, 2013, 106, 1-13.	1.6	16
80	Climate-driven changes in water level: a decadal scale multi-proxy study recording the 8.2-ka event and ecosystem responses in Lake Sarup (Denmark). <i>Journal of Paleolimnology</i> , 2013, 49, 267-285.	1.6	12
81	Environmental change in the Limfjord, Denmark (ca 7500â€“1500Âcal yrsÂBP): a multiproxy study. <i>Quaternary Science Reviews</i> , 2013, 78, 126-140.	3.0	17
82	PALEOLIMNOLOGY Pigment Studies. , 2013, , 326-338.		18
83	Population trends in the Slavonian grebe <i>Podiceps auritus</i> (L.) and Chironomidae (Diptera) at a Scottish loch. <i>Journal of Paleolimnology</i> , 2012, 47, 631-644.	1.6	10
84	Lake and catchment response to Holocene environmental change: spatial variability along a climate gradient in southwest Greenland. <i>Journal of Paleolimnology</i> , 2012, 48, 209-222.	1.6	51
85	Interdecadal declines in flood frequency increase primary production in lakes of a northern river delta. <i>Global Change Biology</i> , 2011, 17, 1212-1224.	9.5	35
86	The influence of Holocene tree-line advance and retreat on an arctic lake ecosystem: a multi-proxy study from Kharineï Lake, North Eastern European Russia. <i>Journal of Paleolimnology</i> , 2011, 46, 123-137.	1.6	51
87	Holocene palaeoecology of southwest Greenland inferred from macrofossils in sediments of an oligosaline lake. <i>Journal of Paleolimnology</i> , 2010, 43, 787-798.	1.6	40
88	Paleolimnological evidence of the effects on lakes of energy and mass transfer from climate and humans. <i>Limnology and Oceanography</i> , 2009, 54, 2330-2348.	3.1	163
89	Spatial and temporal variability of prairie lake hydrology as revealed using stable isotopes of hydrogen and oxygen. <i>Limnology and Oceanography</i> , 2009, 54, 101-118.	3.1	86
90	The Role of Paleoecology in Whole-Ecosystem Science. , 2009, , 161-208.		9

#	ARTICLE	IF	CITATIONS
91	Autotrophic response to lake age, conductivity and temperature in two West Greenland lakes. <i>Journal of Paleolimnology</i> , 2008, 39, 301-317.	1.6	43
92	Climate Versus In-Lake Processes as Controls on the Development of Community Structure in a Low-Arctic Lake (South-West Greenland). <i>Ecosystems</i> , 2008, 11, 307-324.	3.4	89
93	Hydroecological responses of the Athabasca Delta, Canada, to changes in river flow and climate during the 20th century. <i>Ecohydrology</i> , 2008, 1, 131-148.	2.4	51
94	A Late Holocene record of landscape degradation from Heygsvatn, the Faroe Islands. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 264, 11-24.	2.3	4
95	Spatial variability of climate and land-use effects on lakes of the northern Great Plains. <i>Limnology and Oceanography</i> , 2008, 53, 728-742.	3.1	94
96	PALEOLIMNOLOGY <i>Pigment Studies.</i> , 2007, , 2062-2074.		5
97	Classification of hydrological regimes of northern floodplain basins (Peace-Athabasca Delta). <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> 21, 151-168.	2.6	84
98	<i>Pigment Studies.</i> , 2007, , 2062-2074.		7
99	A Whole-Lake Experiment to Determine the Effects of Winter Droughts on Shallow Lakes. <i>Ecosystems</i> , 2005, 8, 694-708.	3.4	56
100	Intrinsic and extrinsic controls on lake phytoplankton synchrony as illustrated by algal pigments. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2005, 29, 794-798.	0.1	6
101	CONTROLS OF ALGAL ABUNDANCE AND COMMUNITY COMPOSITION DURING ECOSYSTEM STATE CHANGE. <i>Ecology</i> , 2005, 86, 2200-2211.	3.2	107
102	Millennial-scale relationships of diatom species richness and production in two prairie lakes. <i>Limnology and Oceanography</i> , 2004, 49, 1290-1299.	3.1	26
103	Holocene paleolimnology of Greenland and the North Atlantic islands (north of 60°N). , 2004, , 319-347.		7
104	Development and evaluation of a diatom-conductivity model from lakes in West Greenland. <i>Freshwater Biology</i> , 2002, 47, 995-1014.	2.4	75
105	Can fish introductions alter nutrient cycles in previously fishless high-latitude lakes?. <i>Journal of Limnology</i> , 0, , .	1.1	5
106	Diatom-inferred microtopography formation in peatlands. <i>Earth Surface Processes and Landforms</i> , 0, , .	2.5	1