## N John Anderson

List of Publications by Year in descending order

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134 8,013 52 84 papers citations h-index g-index

137 137 137 137 6118

times ranked

citing authors

docs citations

all docs

#	Article	IF	CITATIONS
1	Landscape Controls on Nutrient Stoichiometry Regulate Lake Primary Production at the Margin of the Greenland Ice Sheet. Ecosystems, 2022, 25, 931-947.	3.4	5
2	Annual and seasonal variability in high latitude dust deposition, West Greenland. Earth Surface Processes and Landforms, 2022, 47, 2393-2409.	2.5	5
3	Reply to "Marine abundance and its prehistoric past in the Baltic― Nature Communications, 2022, 13, .	12.8	O
4	Monitoring and moderating extreme indoor temperatures in low-income urban communities. Environmental Research Letters, 2021, 16, 024033.	5.2	12
5	Cladocera responses to climate changes and treeline shifts in an alpine lake-catchment since the Last Glacial Maximum. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 577, 110547.	2.3	4
6	The Influence of Climate Change on the Restoration Trajectory of a Nutrient-Rich Deep Lake. Ecosystems, 2020, 23, 859-872.	3.4	4
7	Centennial clonal stability of asexual <i>Daphnia</i> in Greenland lakes despite climate variability. Ecology and Evolution, 2020, 10, 14178-14188.	1.9	4
8	Changes in coupled carbonâ€'nitrogen dynamics in a tundra ecosystem predate post-1950 regional warming. Communications Earth & Environment, 2020, 1, .	6.8	2
9	Understanding the transfer of contemporary temperature signals into lake sediments via paired oxygen isotope ratios in carbonates and diatom silica: Problems and potential. Chemical Geology, 2020, 552, 119705.	3.3	10
10	Marine resource abundance drove pre-agricultural population increase in Stone Age Scandinavia. Nature Communications, 2020, 11, 2006.	12.8	25
11	Terrestrial Ecosystems of West Greenland. , 2020, , 551-564.		1
12	Interactions between climate change and early agriculture in SW China and their effect on lake ecosystem functioning at centennial timescales over the last 2000 years. Quaternary Science Reviews, 2020, 233, 106238.	3.0	18
13	Dead or alive: sediment DNA archives as tools for tracking aquatic evolution and adaptation. Communications Biology, 2020, 3, 169.	4.4	62
14	Anthropogenic alteration of nutrient supply increases the global freshwater carbon sink. Science Advances, 2020, 6, eaaw2145.	10.3	80
15	Landscape-Scale Variability of Organic Carbon Burial by SW Greenland Lakes. Ecosystems, 2019, 22, 1706-1720.	3.4	11
16	Arctic climate shifts drive rapid ecosystem responses across the West Greenland landscape. Environmental Research Letters, 2019, 14, 074027.	5.2	38
17	The impacts of changing nutrient load and climate on a deep, eutrophic, monomictic lake. Freshwater Biology, 2019, 64, 1169-1182.	2.4	22
18	Stable isotopes reveal independent carbon pools across an Arctic hydro limatic gradient: Implications for the fate of carbon in warmer and drier conditions. Limnology and Oceanography Letters, 2019, 4, 205-213.	3.9	15

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19	Temporalâ€spatial pattern of organic carbon sequestration by Chinese lakes since 1850. Limnology and Oceanography, 2018, 63, 1283-1297.	3.1	30
20	Functional attributes of epilithic diatoms for palaeoenvironmental interpretations in South-West Greenland lakes. Journal of Paleolimnology, 2018, 60, 273-298.	1.6	20
21	The Landscape–Atmosphere Continuum Determines Ecological Change in Alpine Lakes of SE Tibet. Ecosystems, 2018, 21, 839-851.	3.4	18
22	Environmental change and impacts in the Kangerlussuaq area, West Greenland. Arctic, Antarctic, and Alpine Research, 2018, 50, .	1.1	4
23	A landscape perspective of Holocene organic carbon cycling in coastal SW Greenland lake-catchments. Quaternary Science Reviews, 2018, 202, 98-108.	3.0	12
24	A landscape-isotopic approach to the geochemical characterization of lakes in the Kangerlussuaq region, west Greenland. Arctic, Antarctic, and Alpine Research, 2018, 50, .	1.1	10
25	Regional variability in the atmospheric nitrogen deposition signal and its transfer to the sediment record in Greenland lakes. Limnology and Oceanography, 2018, 63, 2250-2265.	3.1	8
26	Spatial variations in snowpack chemistry, isotopic composition of NO <sub>3</sub> and nitrogen deposition from the ice sheet margin to the coast of western Greenland. Biogeosciences, 2018, 15, 529-550.	3.3	13
27	Vegetation transitions drive the autotrophy–heterotrophy balance in Arctic lakes. Limnology and Oceanography Letters, 2018, 3, 246-255.	3.9	20
28	The response of Cladocerans to recent environmentalÂforcing in an Alpine Lake on the SE Tibetan Plateau. Hydrobiologia, 2017, 784, 171-185.	2.0	21
29	The historical dependency of organic carbon burial efficiency. Limnology and Oceanography, 2017, 62, 1480-1497.	3.1	27
30	Deciphering longâ€term records of natural variability and human impact as recorded in lake sediments: a palaeolimnological puzzle. Wiley Interdisciplinary Reviews: Water, 2017, 4, e1195.	6.5	56
31	Shifts in the Source and Composition of Dissolved Organic Matter in Southwest Greenland Lakes Along a Regional Hydroâ€climatic Gradient. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 3431-3445.	3.0	43
32	The Arctic in the Twenty-First Century: Changing Biogeochemical Linkages across a Paraglacial Landscape of Greenland. BioScience, 2017, 67, 118-133.	4.9	60
33	Thermal stratification in small arctic lakes of southwest Greenland affected by water transparency and epilimnetic temperatures. Limnology and Oceanography, 2016, 61, 1530-1542.	3.1	39
34	Seasonal and Regional Controls of Phytoplankton Production along a Climate Gradient in South-West Greenland During Ice-Cover and Ice-Free Conditions. Arctic, Antarctic, and Alpine Research, 2016, 48, 139-159.	1.1	28
35	Impacts of forestry planting on primary production in upland lakes from northâ€west Ireland. Global Change Biology, 2016, 22, 1490-1504.	9.5	7
36	Cover Image, Volume 3, Issue 2. Wiley Interdisciplinary Reviews: Water, 2016, 3, i.	6.5	1

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37	Direct versus indirect climate controls on Holocene diatom assemblages in a sub-tropical deep, alpine lake (Lugu Hu, Yunnan, SW China). Quaternary Research, 2016, 86, 1-12.	1.7	49
38	A whole″ake experiment confirms a small centric diatom species as an indicator of changing lake thermal structure. Limnology and Oceanography Letters, 2016, 1, 27-35.	3.9	38
39	Climate and tectonic effects on Holocene development of an alpine lake (Muge Co, SE margin of Tibet). Holocene, 2016, 26, 801-813.	1.7	13
40	Longâ€ŧerm perspectives on terrestrial and aquatic carbon cycling from palaeolimnology. Wiley Interdisciplinary Reviews: Water, 2016, 3, 211-234.	6.5	27
41	Recent decrease in DOC concentrations in Arctic lakes of southwest Greenland. Geophysical Research Letters, 2015, 42, 6703-6709.	4.0	26
42	Large increases in carbon burial in northern lakes during the Anthropocene. Nature Communications, 2015, 6, 10016.	12.8	124
43	Patterns and drivers of change in organic carbon burial across a diverse landscape: Insights from 116 Minnesota lakes. Global Biogeochemical Cycles, 2015, 29, 708-727.	4.9	39
44	Diatom floristic change and lake paleoproduction as evidence of recent eutrophication in shallow lakes of the midwestern USA. Journal of Paleolimnology, 2015, 53, 17-34.	1.6	23
45	Diatom Seasonality and Sedimentation in a Subtropical Alpine Lake (Lugu Hu, Yunnan-Sichuan,) Tj ETQq1 1 0.784	1314 rgBT 1.1	/Qyerlock 1
46	Long-Term Persistence of an Anxiolytic Drug (Oxazepam) in a Large Freshwater Lake. Environmental Science & Environmental Scien	10.0	66
47	The ecology of the planktonic diatom <i>Cyclotella</i> and its implications for global environmental change studies. Biological Reviews, 2015, 90, 522-541.	10.4	162
48	Landscape Disturbance and Lake Response: Temporal and Spatial Perspectives. Freshwater Reviews: A Journal of the Freshwater Biological Association, 2014, 7, 77-120.	1.0	29
49	Catchmentâ€mediated atmospheric nitrogen deposition drives ecological change in two alpine lakes in SE Tibet. Global Change Biology, 2014, 20, 1614-1628.	9.5	69
50	Lake eutrophication and its implications for organic carbon sequestration in Europe. Global Change Biology, 2014, 20, 2741-2751.	9.5	180
51	Diatom response to climate forcing of a deep, alpine lake (Lugu Hu, Yunnan, SW China) during the Last Glacial Maximum and its implications for understanding regional monsoon variability. Quaternary Science Reviews, 2014, 86, 1-12.	3.0	77
52	Response of Cyclotella species to nutrients and incubation depth in Arctic lakes. Journal of Plankton Research, 2014, 36, 450-460.	1.8	44
53	Nutrient limitation of periphyton growth in arctic lakes in south-west Greenland. Polar Biology, 2014, 37, 1331-1342.	1.2	29
54	Low organic carbon burial efficiency in arctic lake sediments. Journal of Geophysical Research G: Biogeosciences, 2014, 119, 1231-1243.	3.0	55

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55	Reconstructing epilimnetic total phosphorus using diatoms: statistical and ecological constraints. Journal of Paleolimnology, 2013, 49, 373-390.	1.6	51
56	Global change revealed by palaeolimnological records from remote lakes: a review. Journal of Paleolimnology, 2013, 49, 513-535.	1.6	173
57	Land-use change, not climate, controls organic carbon burial in lakes. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131278.	2.6	100
58	Limnological controls on stable isotope records of late-Holocene palaeoenvironment change in SW Greenland: a paired lake study. Quaternary Science Reviews, 2013, 66, 85-95.	3.0	34
59	Recovery of viable cyanophages from the sediments of a eutrophic lake at decadal timescales. FEMS Microbiology Ecology, 2013, 83, 450-456.	2.7	24
60	Responses of microbial phototrophs to lateâ€Holocene environmental forcing of lakes in southâ€west Greenland. Freshwater Biology, 2013, 58, 690-704.	2.4	17
61	The relative influences of climate and catchment processes on Holocene lake development in glaciated regions. Journal of Paleolimnology, 2013, 49, 349-362.	1.6	96
62	Diatom taphonomy and silica cycling in two freshwater lakes and their implications for inferring past lake productivity. Journal of Paleolimnology, 2013, 49, 411-430.	1.6	21
63	Combining limnological and palaeolimnological data to disentangle the effects of nutrient pollution and climate change on lake ecosystems: problems and potential. Freshwater Biology, 2012, 57, 2091-2106.	2.4	80
64	Variability of the North Atlantic Oscillation over the past 5,200 years. Nature Geoscience, 2012, 5, 808-812.	12.9	394
65	Limnological Responses to Environmental Changes at Inter-annual to Decadal Time-Scales. Developments in Paleoenvironmental Research, 2012, , 557-578.	8.0	13
66	Deglaciation and catchment ontogeny in coastal southâ€west Greenland: implications for terrestrial and aquatic carbon cycling. Journal of Quaternary Science, 2012, 27, 575-584.	2.1	21
67	Diatom ecological response to altered hydrological forcing of a shallow lake on the Yangtze floodplain, SE China. Ecohydrology, 2012, 5, 316-325.	2.4	50
68	Spatial distribution of subfossil Chironomidae in surface sediments of a large, shallow and hypertrophic lake (Taihu, SE China). Hydrobiologia, 2012, 691, 59-70.	2.0	22
69	The influence of temperature, moisture, and eolian activity on Holocene lake development in West Greenland. Journal of Paleolimnology, 2012, 48, 223-239.	1.6	44
70	Lake and catchment response to Holocene environmental change: spatial variability along a climate gradient in southwest Greenland. Journal of Paleolimnology, 2012, 48, 209-222.	1.6	51
71	Climate forcing of diatom productivity in a lowland, eutrophic lake: White Lough revisited. Freshwater Biology, 2012, 57, 2030-2043.	2.4	17
72	Carbon burial by shallow lakes on the <scp>Y</scp> angtze floodplain and its relevance to regional carbon sequestration. Global Change Biology, 2012, 18, 2205-2217.	9.5	128

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73	Defining ecological and chemical reference conditions and restoration targets for nine European lakes. Journal of Paleolimnology, 2011, 45, 415-431.	1.6	46
74	Abrupt Holocene climate change as an important factor for human migration in West Greenland. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9765-9769.	7.1	191
75	Holocene palaeoecology of southwest Greenland inferred from macrofossils in sediments of an oligosaline lake. Journal of Paleolimnology, 2010, 43, 787-798.	1.6	40
76	Climatic influence on the interâ€annual variability of lateâ€Holocene minerogenic sediment supply in a boreal forest catchment. Earth Surface Processes and Landforms, 2010, 35, 390-398.	2.5	7
77	Deciphering the effect of climate change and separating the influence of confounding factors in sediment core records using additive models. Limnology and Oceanography, 2009, 54, 2529-2541.	3.1	78
78	Diatoms reveal complex spatial and temporal patterns of recent limnological change in West Greenland. Journal of Paleolimnology, 2009, 42, 233-247.	1.6	46
79	Regionalisation of chemical variability in European mountain lakes. Freshwater Biology, 2009, 54, 2452-2469.	2.4	91
80	Holocene carbon burial by lakes in SW Greenland. Global Change Biology, 2009, 15, 2590-2598.	9.5	79
81	Paleolimnological evidence of the effects on lakes of energy and mass transfer from climate and humans. Limnology and Oceanography, 2009, 54, 2330-2348.	3.1	163
82	The accuracy of methods used to estimate the whole-lake accumulation rate of organic carbon, major cations, phosphorus and heavy metals in sediment. Journal of Paleolimnology, 2008, 39, 83-99.	1.6	42
83	Autotrophic response to lake age, conductivity and temperature in two West Greenland lakes. Journal of Paleolimnology, 2008, 39, 301-317.	1.6	43
84	Climate Versus In-Lake Processes as Controls on the Development of Community Structure in a Low-Arctic Lake (South-West Greenland). Ecosystems, 2008, 11, 307-324.	3.4	89
85	Surface sediment diatom assemblages and epilimnetic total phosphorus in large, shallow lakes of the Yangtze floodplain: their relationships and implications for assessing longâ€term eutrophication. Freshwater Biology, 2008, 53, 1273-1290.	2.4	156
86	A Late Holocene record of landscape degradation from Heygsvatn, the Faroe Islands. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 264, 11-24.	2.3	4
87	The effect of evapoconcentration on dissolved organic carbon concentration and quality in lakes of SW Greenland. Freshwater Biology, 2007, 52, 280-289.	2.4	99
88	Natural Fluctuations of Mercury and Lead in Greenland Lake Sediments. Environmental Science & Emp; Technology, 2006, 40, 90-95.	10.0	42
89	Linking palaeoenvironmental data and models to understand the past and to predict the future. Trends in Ecology and Evolution, 2006, 21, 696-704.	8.7	116
90	Physical and chemical predictors of diatom dissolution in freshwater and saline lake sediments in North America and West Greenland. Limnology and Oceanography, 2006, 51, 1355-1368.	3.1	115

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91	Using diatoms to assess the impacts of prehistoric, pre-industrial and modern land-use on Danish lakes. Regional Environmental Change, 2006, 6, 17-24.	2.9	51
92	An experimental investigation of phytoplankton nutrient limitation in two contrasting low arctic lakes. Polar Biology, 2006, 29, 487-494.	1.2	31
93	Longâ€term trends in eutrophication and nutrients in the coastal zone. Limnology and Oceanography, 2006, 51, 385-397.	3.1	85
94	ENVIRONMENTAL FACTORS CORRELATED WITH CHRYSOPHYTE CYST ASSEMBLAGES IN LOW ARCTIC LAKES OF SOUTHWEST GREENLAND1. Journal of Phycology, 2005, 41, 957-974.	2.3	35
95	Natural and anthropogenic forcing of aquatic macrophyte development in a shallow Danish lake during the last 7000 years. Journal of Biogeography, 2005, 32, 1993-2005.	3.0	59
96	Combining palaeolimnological and limnological approaches in assessing lake ecosystem response to nutrient reduction. Freshwater Biology, 2005, 50, 1772-1780.	2.4	144
97	Ecological effects of reduced nutrient loading (oligotrophication) on lakes: an introduction. Freshwater Biology, 2005, 50, 1589-1593.	2.4	83
98	Mid- to late-Holocene land-use change and lake development at Dallund SÃ, Denmark: trends in lake primary production as reflected by algal and macrophyte remains. Holocene, 2005, 15, 1130-1142.	1.7	64
99	CONTROLS OF ALGAL ABUNDANCE AND COMMUNITY COMPOSITION DURING ECOSYSTEM STATE CHANGE. Ecology, 2005, 86, 2200-2211.	3.2	107
100	Increased aridity during the early Holocene in West Greenland inferred from stable isotopes in laminated-lake sediments. Quaternary Science Reviews, 2004, 23, 841-849.	3.0	74
101	Empirical modeling of summer lake surface temperatures in southwest Greenland. Limnology and Oceanography, 2004, 49, 271-282.	3.1	57
102	Aulacoseira subarctica: taxonomy, physiology, ecology and palaeoecology. European Journal of Phycology, 2003, 38, 83-101.	2.0	93
103	Isotopic variation in modern lake waters from western Greenland. Holocene, 2003, 13, 605-611.	1.7	60
104	Holocene records of effective precipitation in West Greenland. Holocene, 2003, 13, 239-249.	1.7	75
105	Environmental factors that control the abundance of Cyclostephanos duhius (Bacillariophyceae) in Danish lakes, from seasonal to century scale. European Journal of Phycology, 2003, 38, 265-276.	2.0	34
106	Distribution of chironomids (Diptera) in low arctic West Greenland lakes: trophic conditions, temperature and environmental reconstruction. Freshwater Biology, 2002, 47, 1137-1157.	2.4	122
107	Development and evaluation of a diatom-conductivity model from lakes in West Greenland. Freshwater Biology, 2002, 47, 995-1014.	2.4	<b>7</b> 5
108	Phosphorus dynamics in Danish lakes and the implications for diatom ecology and palaeoecology. Freshwater Biology, 2002, 47, 1963-1975.	2.4	61

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109	Mercury Accumulation Rates and Spatial Patterns in Lake Sediments from West Greenland:Â A Coast to Ice Margin Transect. Environmental Science & Environmental Science & 1736-1741.	10.0	131
110	Dominant Factors Controlling Variability in the Ionic Composition of West Greenland Lakes. Arctic, Antarctic, and Alpine Research, 2001, 33, 418-425.	1.1	75
111	Chironomid stratigraphy in the shallow and eutrophic Lake SÃ bygaard, Denmark: chironomid-macrophyte co-occurrence. Freshwater Biology, 2001, 46, 253-267.	2.4	165
112	Validation of a diatom-phosphorus calibration set for Sweden. Freshwater Biology, 2001, 46, 1035-1048.	2.4	62
113	Pb isotope ratios of lake sediments in West Greenland: inferences on pollution sources. Atmospheric Environment, 2001, 35, 4675-4685.	4.1	102
114	Dominant Factors Controlling Variability in the Ionic Composition of West Greenland Lakes. Arctic, Antarctic, and Alpine Research, 2001, 33, 418.	1.1	59
115	Diatoms, temperature and climatic change. European Journal of Phycology, 2000, 35, 307-314.	2.0	23
116	Miniview: Diatoms, temperature and climatic change. European Journal of Phycology, 2000, 35, 307-314.	2.0	192
117	Title is missing!. Journal of Paleolimnology, 1998, 20, 47-55.	1.6	20
118	An experimental and palaeoecological study of algal responses to lake acidification and liming in three central Swedish lakes. European Journal of Phycology, 1997, 32, 35-48.	2.0	29
119	Accuracy of diatom-inferred total phosphorus concentrations and the accelerated eutrophication of a lake due to reduced flushing and increased internal loading. Canadian Journal of Fisheries and Aquatic Sciences, 1997, 54, 2637-2646.	1.4	56
120	An experimental and palaeoecological study of algal responses to lake acidification and liming in three central Swedish lakes. European Journal of Phycology, 1997, 32, 35-48.	2.0	1
121	Predicting Epilimnetic Phosphorus Concentrations Using an Improved Diatom-Based Transfer Function and Its Application to Lake Eutrophication Management. Environmental Science & Environmental Science	10.0	222
122	Reconstruction of Lake Phosphorus Loading and Dynamics Using the Sedimentary Record. Environmental Science & Environmental Sci	10.0	42
123	Diatom Production Responses to the Development of Early Agriculture in a Boreal Forest Lake-Catchment (Kassjon, Northern Sweden). Journal of Ecology, 1995, 83, 809.	4.0	66
124	A palaeolimnological test of the influence of Norway spruce (Picea abies) immigration on lake-water acidity. Holocene, 1994, 4, 132-140.	1.7	44
125	Recent palaeolimnology of three shallow Danish lakes. Hydrobiologia, 1994, 275-276, 411-422.	2.0	47
126	Change to a diatom assemblage in a eutrophic lake following point source nutrient re-direction: a palaeolimnological approach. Freshwater Biology, 1990, 23, 205-217.	2.4	53

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127	A Whole-Basin Diatom Accumulation Rate for a Small Eutrophic Lake in Northern Ireland and its Palaeoecological Implications. Journal of Ecology, 1989, 77, 926.	4.0	68
128	Diagenesis of magnetic minerals in the recent sediments of a eutrophic lake. Limnology and Oceanography, 1988, 33, 1476-1492.	3.1	76
129	210Pb dating by low background gamma counting. Hydrobiologia, 1986, 143, 21-27.	2.0	469
130	Diatom biostratigraphy and comparative core correlation within a small lake basin. Hydrobiologia, 1986, 143, 105-112.	2.0	25
131	Coring of laminated lake sediments for pigment and mineral magnetic analyses, Søndre Strømfjord, southern West Greenland. Geological Survey of Denmark and Greenland Bulletin, 0, 186, 83-89.	0.0	14
132	Determining the date of ice-melt for low Arctic lakes along SĄ̃ndre StrĄ̃mfjord, southern West Greenland. Geological Survey of Denmark and Greenland Bulletin, 0, 189, 54-59.	0.0	15
133	Lake-catchment interactions with climate in the low Arctic of southern West Greenland. Geological Survey of Denmark and Greenland Bulletin, 0, 191, 144-149.	0.0	8
134	Grazing and topography control nutrient pools in low Arctic soils of southwest Greenland. European Journal of Soil Science, 0, , .	3.9	0