

# David Bruno Ryves

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

2,011  
citations

257450

24  
h-index

254184

43  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catastrophic Drought in the Afro-Asian Monsoon Region During Heinrich Event 1. <i>Science</i> , 2011, 331, 1299-1302.	12.6	211
2	A lacustrine GDGT-temperature calibration from the Scandinavian Arctic to Antarctic: Renewed potential for the application of GDGT-paleothermometry in lakes. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6225-6238.	3.9	182
3	Solar variability and the levels of Lake Victoria, East Africa, during the last millenium. <i>Journal of Paleolimnology</i> , 2005, 33, 243-251.	1.6	127
4	Physical and chemical predictors of diatom dissolution in freshwater and saline lake sediments in North America and West Greenland. <i>Limnology and Oceanography</i> , 2006, 51, 1355-1368.	3.1	115
5	Effects of dispersal mode on the environmental and spatial correlates of nestedness and species turnover in pond communities. <i>Oikos</i> , 2017, 126, 1575-1585.	2.7	103
6	Quantitative and qualitative relationships between planktonic diatom communities and diatom assemblages in sedimenting material and surface sediments in Lake Baikal, Siberia. <i>Limnology and Oceanography</i> , 2003, 48, 1643-1661.	3.1	102
7	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
8	Diel Surface Temperature Range Scales with Lake Size. <i>PLoS ONE</i> , 2016, 11, e0152466.	2.5	89
9	Dominant Factors Controlling Variability in the Ionic Composition of West Greenland Lakes. <i>Arctic, Antarctic, and Alpine Research</i> , 2001, 33, 418-425.	1.1	75
10	Development and evaluation of a diatom-conductivity model from lakes in West Greenland. <i>Freshwater Biology</i> , 2002, 47, 995-1014.	2.4	75
11	Holocene records of effective precipitation in West Greenland. <i>Holocene</i> , 2003, 13, 239-249.	1.7	75
12	The dilemma of disappearing diatoms: Incorporating diatom dissolution data into palaeoenvironmental modelling and reconstruction. <i>Quaternary Science Reviews</i> , 2009, 28, 120-136.	3.0	66
13	Vegetation history in western Uganda during the last 1200 years: a sedimentbased reconstruction from two crater lakes. <i>Holocene</i> , 2005, 15, 119-132.	1.7	61
14	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
15	Late Holocene precipitation variability in the summer rainfall region of South Africa. <i>Quaternary Science Reviews</i> , 2013, 67, 105-120.	3.0	47
16	Reconstructing the salinity and environment of the Limfjord and Vejlerne Nature Reserve, Denmark, using a diatom model for brackish lakes and fjords. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2004, 61, 1988-2006.	1.4	42
17	Abrupt onset of carbonate deposition in Lake Kivu during the 1960s: response to recent environmental changes. <i>Journal of Paleolimnology</i> , 2010, 44, 931-946.	1.6	39
18	Assessing the vulnerability of endemic diatom species in Lake Baikal to predicted future climate change: a multivariate approach. <i>Global Change Biology</i> , 2006, 12, 2297-2315.	9.5	36

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19	Environmental change over the last millennium recorded in two contrasting crater lakes in western Uganda, eastern Africa (Lakes Kasenda and Wandakara). <i>Quaternary Science Reviews</i> , 2011, 30, 555-569.	3.0	36
20	Human footprints provide snapshot of last interglacial ecology in the Arabian interior. <i>Science Advances</i> , 2020, 6, .	10.3	34
21	The function of secondary metabolites in plant carnivory. <i>Annals of Botany</i> , 2020, 125, 399-411.	2.9	32
22	Mid- to late Holocene geomorphological and hydrological changes in the south Taihu area of the Yangtze delta plain, China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 498, 127-142.	2.3	30
23	Macroinvertebrate community composition and diversity in ephemeral and perennial ponds on unregulated floodplain meadows in the UK. <i>Hydrobiologia</i> , 2017, 793, 95-108.	2.0	29
24	The historical dependency of organic carbon burial efficiency. <i>Limnology and Oceanography</i> , 2017, 62, 1480-1497.	3.1	27
25	“The gloomy forebodings of this dread disease”™, climate, famine and sleeping sickness in East Africa. <i>Geographical Journal</i> , 2009, 175, 181-195.	3.1	25
26	Marine resource abundance drove pre-agricultural population increase in Stone Age Scandinavia. <i>Nature Communications</i> , 2020, 11, 2006.	12.8	25
27	Title is missing!. <i>Journal of Paleolimnology</i> , 2000, 23, 117-127.	1.6	24
28	The impacts of changing nutrient load and climate on a deep, eutrophic, monomictic lake. <i>Freshwater Biology</i> , 2019, 64, 1169-1182.	2.4	22
29	Diatom taphonomy and silica cycling in two freshwater lakes and their implications for inferring past lake productivity. <i>Journal of Paleolimnology</i> , 2013, 49, 411-430.	1.6	21
30	Mid- to late-Holocene reservoir-age variability and isotope-based palaeoenvironmental reconstruction in the Limfjord, Denmark. <i>Holocene</i> , 2013, 23, 1017-1027.	1.7	20
31	Environmental change in the Limfjord, Denmark (ca 7500–1500 cal yrs BP): a multiproxy study. <i>Quaternary Science Reviews</i> , 2013, 78, 126-140.	3.0	17
32	An experiment to assess the effects of diatom dissolution on oxygen isotope ratios. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 293-300.	1.5	13
33	Diatom-based models for inferring past water chemistry in western Ugandan crater lakes. <i>Journal of Paleolimnology</i> , 2012, 48, 383-399.	1.6	12
34	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
35	Understanding the transfer of contemporary temperature signals into lake sediments via paired oxygen isotope ratios in carbonates and diatom silica: Problems and potential. <i>Chemical Geology</i> , 2020, 552, 119705.	3.3	10
36	Linking land and lake: Using novel geochemical techniques to understand biological response to environmental change. <i>Quaternary Science Reviews</i> , 2018, 202, 122-138.	3.0	7

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37	Diatoms as indicators of the effects of river impoundment at multiple spatial scales. PeerJ, 2019, 7, e8092.	2.0	7
38	A high-resolution diatom-based Middle and Late Holocene environmental history of the Little Belt region, Baltic Sea. Boreas, 2020, 49, 1-16.	2.4	6
39	Source and quantity of carbon influence its sequestration in Rostherne Mere (UK) sediment: a novel application of stepped combustion radiocarbon analysis. Journal of Paleolimnology, 2020, 64, 347-363.	1.6	5
40	The Influence of Climate Change on the Restoration Trajectory of a Nutrient-Rich Deep Lake. Ecosystems, 2020, 23, 859-872.	3.4	4
41	Lake Baikal: Some topical aspects of current research. Journal of Paleolimnology, 1999, 22, 223-224.	1.6	2
42	Experimental assessment and implications of long-term within-trap mineralization of seston in lake trapping studies. Limnology and Oceanography: Methods, 2020, 18, 327-334.	2.0	2
43	$\delta^{18}\text{O}$ -inferred salinity from <i>Littorina littorea</i> (L.) gastropods in a Danish shell midden at the Mesolithic-Neolithic transition. Holocene, 2020, 30, 233-243.	1.7	1
44	Reply to "Marine abundance and its prehistoric past in the Baltic". Nature Communications, 2022, 13, .	12.8	0