

C Neil Roberts

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

6,929
citations

36271

51
h-index

64755

79
g-index

96
all docs

96
docs citations

96
times ranked

5232
citing authors

#	ARTICLE	IF	CITATIONS
1	The tempo of Holocene climatic change in the eastern Mediterranean region: new high-resolution crater-lake sediment data from central Turkey. <i>Holocene</i> , 2001, 11, 721-736.	0.9	308
2	Stable isotope records of Late Quaternary climate and hydrology from Mediterranean lakes: the ISOMED synthesis. <i>Quaternary Science Reviews</i> , 2008, 27, 2426-2441.	1.4	279
3	A high-resolution late Holocene lake isotope record from Turkey and links to North Atlantic and monsoon climate. <i>Geology</i> , 2006, 34, 361.	2.0	216
4	Predictability of biomass burning in response to climate changes. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	201
5	Palaeolimnological evidence for an east-west climate see-saw in the Mediterranean since AD 900. <i>Global and Planetary Change</i> , 2012, 84-85, 23-34.	1.6	167
6	Holocene climate change in the eastern Mediterranean region: a comparison of stable isotope and pollen data from Lake G�lhisar, southwest Turkey. <i>Journal of Quaternary Science</i> , 2007, 22, 327-341.	1.1	151
7	Holocene environmental change in southwest Turkey: a palaeoecological record of lake and catchment-related changes. <i>Quaternary Science Reviews</i> , 1999, 18, 671-695.	1.4	141
8	Europe's lost forests: a pollen-based synthesis for the last 11,000 years. <i>Scientific Reports</i> , 2018, 8, 716.	1.6	139
9	From forest to farmland: pollen-inferred land cover change across Europe using the pseudobiomization approach. <i>Global Change Biology</i> , 2015, 21, 1197-1212.	4.2	133
10	The impact of the Neolithic agricultural transition in Britain: a comparison of pollen-based land-cover and archaeological 14C date-inferred population change. <i>Journal of Archaeological Science</i> , 2014, 51, 216-224.	1.2	128
11	Fluctuations in Closed-Basin Lakes as An Indicator of Past Atmospheric Circulation Patterns. , 1983, , 331-345.		127
12	Chronology and stratigraphy of Late Quaternary sediments in the Konya Basin, Turkey: Results from the KOPAL Project. <i>Quaternary Science Reviews</i> , 1999, 18, 611-630.	1.4	127
13	Quantifying climatic change through the last glacial-interglacial transition based on lake isotope palaeohydrology from central Turkey. <i>Quaternary Research</i> , 2007, 67, 463-473.	1.0	116
14	The Climate and Environment of Byzantine Anatolia: Integrating Science, History, and Archaeology. <i>Journal of Interdisciplinary History</i> , 2014, 45, 113-161.	0.0	115
15	Age, Palaeoenvironments, and Climatic Significance of Late Pleistocene Konya Lake, Turkey. <i>Quaternary Research</i> , 1983, 19, 154-171.	1.0	112
16	History meets palaeoscience: Consilience and collaboration in studying past societal responses to environmental change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3210-3218.	3.3	111
17	The environmental, archaeological and historical evidence for regional climatic changes and their societal impacts in the Eastern Mediterranean in Late Antiquity. <i>Quaternary Science Reviews</i> , 2016, 136, 189-208.	1.4	108
18	Historical landscape change in Cappadocia (central Turkey): a palaeoecological investigation of annually laminated sediments from Nar lake. <i>Holocene</i> , 2008, 18, 1229-1245.	0.9	107

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19	EFFECTS OF DEPTH, SALINITY, AND SUBSTRATE ON THE INVERTEBRATE COMMUNITY OF A FLUCTUATING TROPICAL LAKE. <i>Ecology</i> , 2000, 81, 164-182.	1.5	106
20	Eastern Mediterranean hydroclimate over the late glacial and Holocene, reconstructed from the sediments of Nar lake, central Turkey, using stable isotopes and carbonate mineralogy. <i>Quaternary Science Reviews</i> , 2015, 124, 162-174.	1.4	105
21	Palaeoecological and archaeological evidence for human occupation in southwest Turkey: the Bey�ehir occupation phase. <i>Anatolian Studies</i> , 1998, 48, 69-86.	0.6	104
22	Mediterranean landscape change during the Holocene: Synthesis, comparison and regional trends in population, land cover and climate. <i>Holocene</i> , 2019, 29, 923-937.	0.9	96
23	Climatic pacing of Mediterranean fire histories from lake sedimentary microcharcoal. <i>Global and Planetary Change</i> , 2008, 63, 317-324.	1.6	87
24	A Review of 2000 Years of Paleoclimatic Evidence in the Mediterranean. , 2012, , 87-185.		86
25	Did prehistoric landscape management retard the post-glacial spread of woodland in Southwest Asia?. <i>Antiquity</i> , 2002, 76, 1002-1010.	0.5	85
26	The 8200yr BP cold event in stable isotope records from the North Atlantic region. <i>Global and Planetary Change</i> , 2011, 79, 288-302.	1.6	84
27	The origin and spread of olive cultivation in the Mediterranean Basin: The fossil pollen evidence. <i>Holocene</i> , 2019, 29, 902-922.	0.9	84
28	Holocene hydro-climatic variability in the Mediterranean: A synthetic multi-proxy reconstruction. <i>Holocene</i> , 2019, 29, 847-863.	0.9	79
29	Biodiversity changes in a shallow lake ecosystem: a multi-proxy palaeolimnological analysis. <i>Journal of Biogeography</i> , 1999, 26, 97-114.	1.4	77
30	Interpretation of Holocene lake-level change from diatom assemblages in Lake Sidi Ali, Middle Atlas, Morocco. <i>Journal of Paleolimnology</i> , 1994, 12, 223-234.	0.8	75
31	Holocene environment and settlement on the �ar�amba alluvial fan, south-central Turkey: Integrating geoarchaeology and archaeological field survey. <i>Geoarchaeology - an International Journal</i> , 2006, 21, 675-698.	0.7	74
32	Multiproxy record for the last 4500 years from Lake Shkodra (Albania/Montenegro). <i>Journal of Quaternary Science</i> , 2012, 27, 780-789.	1.1	74
33	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 22, 187-204.	0.8	72
34	Human responses and non-responses to climatic variations during the last Glacial-Interglacial transition in the eastern Mediterranean. <i>Quaternary Science Reviews</i> , 2018, 184, 47-67.	1.4	69
35	Fire, climate and the origins of agriculture: micro-charcoal records of biomass burning during the last glacial-interglacial transition in Southwest Asia. <i>Journal of Quaternary Science</i> , 2010, 25, 371-386.	1.1	68
36	Not the End of the World? Post-Classical Decline and Recovery in Rural Anatolia. <i>Human Ecology</i> , 2018, 46, 305-322.	0.7	67

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37	Evidence for the impact of the 8.2-kyBP climate event on Near Eastern early farmers. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8705-8709.	3.3	65
38	Interpreting lake isotope records of Holocene environmental change in the Eastern Mediterranean. Quaternary International, 2008, 181, 32-38.	0.7	62
39	Drivers of increased soil erosion in East Africa's agro-pastoral systems: changing interactions between the social, economic and natural domains. Regional Environmental Change, 2019, 19, 1909-1921.	1.4	62
40	Oxygen isotope analysis of diatom silica and authigenic calcite from Lake Pinarbasi, Turkey. Journal of Paleolimnology, 2001, 25, 343-349.	0.8	61
41	Title is missing!. Journal of Paleolimnology, 1999, 21, 325-343.	0.8	60
42	A Coupled Calibration and Modelling Approach to the Understanding of Dry-Land Lake Oxygen Isotope Records. Journal of Paleolimnology, 2005, 34, 391-411.	0.8	58
43	A tale of two lakes: a multi-proxy comparison of Lateglacial and Holocene environmental change in Cappadocia, Turkey. Journal of Quaternary Science, 2016, 31, 348-362.	1.1	58
44	Soil erosion in East Africa: an interdisciplinary approach to realising pastoral land management change. Environmental Research Letters, 2018, 13, 124014.	2.2	58
45	Long-term trends of land use and demography in Greece: A comparative study. Holocene, 2019, 29, 742-760.	0.9	58
46	Is Neolithic land use correlated with demography? An evaluation of pollen-derived land cover and radiocarbon-inferred demographic change from Central Europe. Holocene, 2014, 24, 1297-1307.	0.9	57
47	The history of mediterranean-type environments: climate, culture and landscape. Holocene, 2001, 11, 631-634.	0.9	55
48	Holocene demographic fluctuations, climate and erosion in the Mediterranean: A meta data-analysis. Holocene, 2019, 29, 864-885.	0.9	54
49	An evaluation of the diatom response to Late Quaternary environmental change in two lakes in the Konya Basin, Turkey, by comparison with stable isotope data. Quaternary Science Reviews, 1999, 18, 631-646.	1.4	52
50	Holocene climate, environment and cultural change in the circum-Mediterranean region. Developments in Paleoenvironmental Research, 2004, , 343-362.	7.5	50
51	Holocene landscape dynamics and long-term population trends in the Levant. Holocene, 2019, 29, 708-727.	0.9	48
52	Holocene land cover and population dynamics in Southern France. Holocene, 2019, 29, 776-798.	0.9	42
53	Late Holocene climate of the Eastern Mediterranean inferred from diatom analysis of annually-laminated lake sediments. Quaternary Science Reviews, 2011, 30, 3381-3392.	1.4	41
54	Palaeo-seasonality of the last two millennia reconstructed from the oxygen isotope composition of carbonates and diatom silica from Nar Gölü, central Turkey. Quaternary Science Reviews, 2013, 66, 35-44.	1.4	41

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55	Prehistoric palaeodemographics and regional land cover change in eastern Iberia. <i>Holocene</i> , 2019, 29, 799-815.	0.9	40
56	Detrital carbonate influences on bulk oxygen and carbon isotope composition of lacustrine sediments from the Mediterranean. <i>Global and Planetary Change</i> , 2010, 71, 175-182.	1.6	37
57	Tyrrhenian central Italy: Holocene population and landscape ecology. <i>Holocene</i> , 2019, 29, 761-775.	0.9	37
58	Trajectories of change in Mediterranean Holocene vegetation through classification of pollen data. <i>Vegetation History and Archaeobotany</i> , 2018, 27, 351-364.	1.0	34
59	Pan-European Mediterranean Holocene vegetation and land cover dynamics from synthesized pollen data. <i>Journal of Biogeography</i> , 2018, 45, 2159-2174.	1.4	33
60	Tracking the hydro-climatic signal from lake to sediment: A field study from central Turkey. <i>Journal of Hydrology</i> , 2015, 529, 608-621.	2.3	32
61	Pollen-inferred regional vegetation patterns and demographic change in Southern Anatolia through the Holocene. <i>Holocene</i> , 2019, 29, 728-741.	0.9	31
62	20,000 years of societal vulnerability and adaptation to climate change in southwest Asia. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1330.	2.8	30
63	Oxygen isotopes as tracers of Mediterranean climate variability: An introduction. <i>Global and Planetary Change</i> , 2010, 71, 135-140.	1.6	27
64	A comparison of remotely sensed and pollen-based approaches to mapping Europe's land cover. <i>Journal of Biogeography</i> , 2014, 41, 2080-2092.	1.4	27
65	Cause-and-effect in Mediterranean erosion: The role of humans and climate upon Holocene sediment flux into a central Anatolian lake catchment. <i>Geomorphology</i> , 2019, 331, 36-48.	1.1	26
66	The changing face of the Mediterranean "Land cover, demography and environmental change: Introduction and overview. <i>Holocene</i> , 2019, 29, 703-707.	0.9	24
67	Where's the Geography department? The changing administrative place of Geography in higher education. <i>Area</i> , 2015, 47, 56-64.	1.0	23
68	Seasonality of Holocene hydroclimate in the Eastern Mediterranean reconstructed using the oxygen isotope composition of carbonates and diatoms from Lake Nar, central Turkey. <i>Holocene</i> , 2018, 28, 267-276.	0.9	21
69	Human demography changes in Morocco and environmental imprint during the Holocene. <i>Holocene</i> , 2019, 29, 816-829.	0.9	20
70	Linking neo- and palaeolimnology: a case study using crater lake diatoms from central Turkey. <i>Journal of Paleolimnology</i> , 2010, 44, 855-871.	0.8	18
71	Late quaternary geomorphological change and the origins of agriculture in south central Turkey. <i>Geoarchaeology - an International Journal</i> , 1991, 6, 1-26.	0.7	15
72	Changes in regional settlement patterns in Cappadocia (central Turkey) since the Neolithic: a combined site survey perspective. <i>Anatolian Studies</i> , 2014, 64, 33-57.	0.6	15

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73	Proxy reconstruction of ultraviolet-B irradiance at the Earth's surface, and its relationship with solar activity and ozone thickness. <i>Holocene</i> , 2020, 30, 155-161.	0.9	15
74	Long-Term Demographic Trends in Prehistoric Italy: Climate Impacts and Regionalised Socio-Ecological Trajectories. <i>Journal of World Prehistory</i> , 2021, 34, 381-432.	1.1	15
75	How humans changed the face of Earth. <i>Science</i> , 2019, 365, 865-866.	6.0	14
76	Ups and downs of African lakes. <i>Nature</i> , 1990, 346, 107-107.	13.7	11
77	MORPHOLOGY AND ECOLOGY OF A NEW CENTRIC DIATOM FROM CAPPADOCIA (CENTRAL TURKEY). <i>Diatom Research</i> , 2010, 25, 195-212.	0.5	7
78	Soil erosion and sediment transport in Tanzania: Part II – sedimentological evidence of phased land degradation. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 3112-3126.	1.2	7
79	Comparing pollen and archaeobotanical data for Chalcolithic cereal agriculture at \AA tatalh \AA ty \AA k, Turkey. <i>Quaternary Science Reviews</i> , 2018, 202, 4-18.	1.4	6
80	Geological evolution of a tectonic and climatic transition zone: the Bey \AA yehir-Su \AA yla basin, lake district of Turkey. <i>International Journal of Earth Sciences</i> , 2021, 110, 1077-1107.	0.9	6
81	Towards a Regional Synthesis of Mediterranean Climatic Change Using Lake Stable Isotope Records. <i>PAGES News</i> , 2002, 10, 13-15.	0.3	6
82	Reply to Comments by Ann P. El-Moslim. <i>Quaternary Research</i> , 1984, 21, 117-120.	1.0	4
83	Harald Meller, Helge Wolfgang Arz, Reinhard Jung & Roberto Risch (ed.) 2200 BC – "Ein Klimasturz als Ursache f \AA r den Zerfall der Alten Welt? 2200 BC – "A climatic breakdown as a cause for the collapse of the Old World? 7. Mitteldeutscher Arch \AA ologentag vom 23. bis 26. Oktober 2014 in Halle (Saale). 7th Archaeological Conference of Central Germany October 23 – 26, 2014 in Halle (Saale) (2 volumes). 2015. 861 pages, numerous colour and b&w illustrations, and tables. Halle (Saale): Landesamt f \AA r Denkmalpflege und. <i>Antiquity</i> , 2016, 90, 819-821.	0.5	1
84	The origin and spread of olive cultivation in the Mediterranean Basin: The fossil pollen evidence. , 0, .		1
85	Global change in the Holocene. <i>Journal of Paleolimnology</i> , 2004, 32, 311-312.	0.8	0
86	Reply to Wainwright and Ayala: Synchronicity of climate and cultural proxies around 8.2 kyBP at \AA tatalh \AA ty \AA k. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3345-3346.	3.3	0