

Donald C Barber

List of Publications by Year in descending order

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17
papers

1,906
citations

516710

16
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

2321
citing authors

#	ARTICLE	IF	CITATIONS
1	Forcing of the cold event of 8,200 years ago by catastrophic drainage of Laurentide lakes. <i>Nature</i> , 1999, 400, 344-348.	27.8	1,098
2	Contributions of organic and inorganic matter to sediment volume and accretion in tidal wetlands at steady state. <i>Earth's Future</i> , 2016, 4, 110-121.	6.3	215
3	Provenance of Late Quaternary ice-proximal sediments in the North Atlantic: Nd, Sr and Pb isotopic evidence. <i>Earth and Planetary Science Letters</i> , 2003, 209, 227-243.	4.4	125
4	LATE QUATERNARY DETRITAL CARBONATE (DC-) LAYERS IN BAFFIN BAY MARINE SEDIMENTS (67°N-74°N): CORRELATION WITH HEINRICH EVENTS IN THE NORTH ATLANTIC?. <i>Quaternary Science Reviews</i> , 1998, 17, 1125-1137.	3.0	72
5	Volumetric Analysis of a New England Barrier System Using Ground-Penetrating-Radar and Coring Techniques. <i>Journal of Geology</i> , 1996, 104, 471-483.	1.4	48
6	Sand budgets at geological, historical and contemporary time scales for a developed beach system, Saco Bay, Maine, USA. <i>Marine Geology</i> , 2005, 214, 117-142.	2.1	39
7	Extended late Holocene relative sea-level histories for North Carolina, USA. <i>Quaternary Science Reviews</i> , 2017, 160, 13-30.	3.0	37
8	Fine scale sediment structure and geochemical signature between eastern and western North Atlantic during Heinrich events 1 and 2. <i>Quaternary Science Reviews</i> , 2012, 46, 136-150.	3.0	36
9	⁴⁰ Ar/ ³⁹ Ar ages and ⁴⁰ Ar* concentrations of fine-grained sediment fractions from North Atlantic Heinrich layers. <i>Chemical Geology</i> , 2002, 182, 583-603.	3.3	32
10	Varying sediment sources (Hudson Strait, Cumberland Sound, Baffin Bay) to the NW Labrador Sea slope between and during Heinrich events 0 to 4. <i>Journal of Quaternary Science</i> , 2012, 27, 475-484.	2.1	32
11	Errors in generating time-series and in dating events at late quaternary millennial (radiocarbon) time-scales: Examples from Baffin Bay, NW Labrador Sea, and East Greenland. <i>Geophysical Monograph Series</i> , 1999, , 23-33.	0.1	30
12	Common Era sea-level budgets along the U.S. Atlantic coast. <i>Nature Communications</i> , 2021, 12, 1841.	12.8	29
13	Comment on "Catastrophic ice shelf breakup as the source of Heinrich event icebergs" by C. L. Hulbe et al.. <i>Paleoceanography</i> , 2005, 20, n/a-n/a.	3.0	27
14	Dansgaard-Oeschger events: is there a signal off the Hudson Strait Ice Stream?. <i>Quaternary Science Reviews</i> , 2002, 21, 443-454.	3.0	25
15	Increasing global ocean oxygenation and the Ordovician Radiation: Insights from Th/U of carbonates from the Ordovician of western Utah. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 458, 77-84.	2.3	23
16	Late Quaternary stratigraphy, chronology, and depositional processes on the slope of S.E. Baffin Island, detrital carbonate and Heinrich events: Implications for onshore glacial history. <i>Géographie Physique Et Quaternaire</i> , 1998, 52, 91-105.	0.2	21
17	Shoreline Analysis and Barrier Island Dynamics: Decadal Scale Patterns from Cedar Island, Virginia. <i>Journal of Coastal Research</i> , 2012, 280, 332-341.	0.3	16