

David A Hodell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1694780/publications.pdf>

Version: 2024-02-01

206
papers

19,528
citations

11235

73
h-index

14779

131
g-index

212
all docs

212
docs citations

212
times ranked

13632
citing authors

#	ARTICLE	IF	CITATIONS
1	Abrupt intrinsic and extrinsic responses of southwestern Iberian vegetation to millennial-scale variability over the past 28 ka. <i>Journal of Quaternary Science</i> , 2022, 37, 420-440.	1.1	5
2	Calibrating the triple oxygen isotope composition of evaporite minerals as a proxy for marine sulfate. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117320.	1.8	4
3	Marine Isotope Stage 11c: An unusual interglacial. <i>Quaternary Science Reviews</i> , 2022, 284, 107493.	1.4	9
4	Stratigraphic templates for ice core records of the past 1.5 Myr. <i>Climate of the Past</i> , 2022, 18, 1563-1577.	1.3	3
5	Atlantic Ocean Ventilation Changes Across the Last Deglaciation and Their Carbon Cycle Implications. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004074.	1.3	19
6	Continuous and simultaneous measurement of triple-oxygen and hydrogen isotopes of liquid and vapor during evaporation experiments. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9078.	0.7	5
7	The Carbon-Sulfur Link in the Remineralization of Organic Carbon in Surface Sediments. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
8	Insolation triggered abrupt weakening of Atlantic circulation at the end of interglacials. <i>Science</i> , 2021, 373, 1035-1040.	6.0	34
9	Climate, cryosphere and carbon cycle controls on Southeast Atlantic orbital-scale carbonate deposition since the Oligocene (30‰Ma). <i>Climate of the Past</i> , 2021, 17, 2091-2117.	1.3	16
10	Persistent orbital influence on millennial climate variability through the Pleistocene. <i>Nature Geoscience</i> , 2021, 14, 812-818.	5.4	41
11	Direct astronomical influence on abrupt climate variability. <i>Nature Geoscience</i> , 2021, 14, 819-826.	5.4	27
12	Fast and slow components of interstadial warming in the North Atlantic during the last glacial. <i>Communications Earth & Environment</i> , 2020, 1, .	2.6	10
13	The potential of gypsum speleothems for paleoclimatology: application to the Iberian Roman Humid Period. <i>Scientific Reports</i> , 2020, 10, 14705.	1.6	11
14	An astronomically dated record of Earth's climate and its predictability over the last 66 million years. <i>Science</i> , 2020, 369, 1383-1387.	6.0	791
15	Mediterranean Overflow Over the Last 250 kyr: Freshwater Forcing From the Tropics to the Ice Sheets. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003931.	1.3	42
16	Abrupt CO ₂ release to the atmosphere under glacial and early interglacial climate conditions. <i>Science</i> , 2020, 369, 1000-1005.	6.0	35
17	Climate-induced Variability in Mediterranean Outflow to the North Atlantic Ocean During the Late Pleistocene. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003947.	1.3	5
18	Interglacial instability of North Atlantic Deep Water ventilation. <i>Science</i> , 2020, 367, 1485-1489.	6.0	36

#	ARTICLE	IF	CITATIONS
19	Persistent influence of obliquity on ice age terminations since the Middle Pleistocene transition. <i>Science</i> , 2020, 367, 1235-1239.	6.0	48
20	Detection of significant climatic precession variability in early Pleistocene glacial cycles. <i>Earth and Planetary Science Letters</i> , 2020, 536, 116137.	1.8	23
21	The impact of abrupt deglacial climate variability on productivity and upwelling on the southwestern Iberian margin. <i>Quaternary Science Reviews</i> , 2020, 230, 106139.	1.4	21
22	Pacific climate reflected in Waipuna Cave drip water hydrochemistry. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 3361-3380.	1.9	12
23	Oxygen Isotopic Exchange Between CO ₂ and Phosphoric Acid: Implications for the Measurement of Clumped Isotopes in Carbonates. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3730-3750.	1.0	39
24	Indian winter and summer monsoon strength over the 4.2‰ event in foraminifer isotope records from the Indus River delta in the Arabian Sea. <i>Climate of the Past</i> , 2019, 15, 73-90.	1.3	35
25	Effects of Improved ¹⁷ O Correction on Interlaboratory Agreement in Clumped Isotope Calibrations, Estimates of Mineral-Specific Offsets, and Temperature Dependence of Acid Digestion Fractionation. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3495-3519.	1.0	134
26	Physical weathering of carbonate host-rock by precipitation of soluble salts in caves: A case study in El Orán-Arco Cave (Region of Murcia, SE Spain). <i>Chemical Geology</i> , 2019, 521, 1-11.	1.4	4
27	Paleocirculation and Ventilation History of Southern Ocean Sourced Deep Water Masses During the Last 800,000 Years. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 833-852.	1.3	9
28	The residence time of Southern Ocean surface waters and the 100,000-year ice age cycle. <i>Science</i> , 2019, 363, 1080-1084.	6.0	58
29	(In)coherent multiproxy signals in marine sediments: Implications for high-resolution paleoclimate reconstruction. <i>Earth and Planetary Science Letters</i> , 2019, 515, 38-46.	1.8	20
30	Prediction of equilibrium isotopic fractionation of the gypsum/bassanite/water system using first-principles calculations. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 1-11.	1.6	9
31	Radiocarbon Age Offsets Between Two Surface Dwelling Planktonic Foraminifera Species During Abrupt Climate Events in the SW Iberian Margin. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 63-78.	1.3	22
32	Precession and atmospheric CO ₂ modulated variability of sea ice in the central Okhotsk Sea since 130,000 years ago. <i>Earth and Planetary Science Letters</i> , 2018, 488, 36-45.	1.8	23
33	Oceanic heat pulses fueling moisture transport towards continental Europe across the mid-Pleistocene transition. <i>Quaternary Science Reviews</i> , 2018, 179, 48-58.	1.4	21
34	Late Lutetian Thermal Maximum—Crossing a Thermal Threshold in Earth's Climate System?. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 73-82.	1.0	29
35	Coupled Mg/Ca and clumped isotope analyses of foraminifera provide consistent water temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 236, 283-296.	1.6	40
36	Intensified summer monsoon and the urbanization of Indus Civilization in northwest India. <i>Scientific Reports</i> , 2018, 8, 4225.	1.6	54

#	ARTICLE	IF	CITATIONS
37	Triple oxygen and hydrogen isotopes of gypsum hydration water for quantitative paleo-humidity reconstruction. <i>Earth and Planetary Science Letters</i> , 2018, 481, 177-188.	1.8	47
38	Online Differential Thermal Isotope Analysis of Hydration Water in Minerals by Cavity Ringdown Laser Spectroscopy. <i>Analytical Chemistry</i> , 2018, 90, 752-759.	3.2	6
39	Transient hydrodynamic effects influence organic carbon signatures in marine sediments. <i>Nature Communications</i> , 2018, 9, 4690.	5.8	27
40	Enhanced climate instability in the North Atlantic and southern Europe during the Last Interglacial. <i>Nature Communications</i> , 2018, 9, 4235.	5.8	94
41	Reinforcing the North Atlantic backbone: revision and extension of the composite splice at ODP Site Å982. <i>Climate of the Past</i> , 2018, 14, 321-338.	1.3	19
42	Quantification of drought during the collapse of the classic Maya civilization. <i>Science</i> , 2018, 361, 498-501.	6.0	98
43	Reducing Uncertainties in Carbonate Clumped Isotope Analysis Through Consistent Carbonate-Based Standardization. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2895-2914.	1.0	172
44	Quantification of paleo-aquifer changes using clumped isotopes in subaqueous carbonate speleothems. <i>Chemical Geology</i> , 2018, 493, 246-257.	1.4	18
45	Past Carbonate Preservation Events in the Deep Southeast Atlantic Ocean (Cape Basin) and Their Implications for Atlantic Overturning Dynamics and Marine Carbon Cycling. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 643-663.	1.3	11
46	Adaptation to Variable Environments, Resilience to Climate Change: Investigating Land, Water and Settlement in Indus Northwest India. <i>Current Anthropology</i> , 2017, 58, 1-30.	0.8	94
47	Stable carbon isotopes ($\delta^{13}\text{C}$) of total organic carbon and long-chain n-alkanes as proxies for climate and environmental change in a sediment core from Lake Peten-Itz'at, Guatemala. <i>Journal of Paleolimnology</i> , 2017, 57, 307-319.	0.8	13
48	Unexpected weak seasonal climate in the western Mediterranean region during MIS 31, a high-insolation forced interglacial. <i>Quaternary Science Reviews</i> , 2017, 161, 1-17.	1.4	22
49	Using stable isotopes ($\delta^{17}\text{O}$, $\delta^{18}\text{O}$ and $\delta^2\text{D}$) of gypsum hydration water to ascertain the role of water condensation in the formation of subaerial gypsum speleothems. <i>Chemical Geology</i> , 2017, 452, 34-46.	1.4	27
50	Coccolithophore and benthic foraminifera distribution patterns in the Gulf of Cadiz and Western Iberian Margin during Integrated Ocean Drilling Program (IODP) Expedition 339. <i>Journal of Marine Systems</i> , 2017, 170, 50-67.	0.9	10
51	Evolution of the early Antarctic ice ages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3867-3872.	3.3	84
52	Anatomy of Heinrich Layer 1 and its role in the last deglaciation. <i>Paleoceanography</i> , 2017, 32, 284-303.	3.0	128
53	Precise and accurate isotope fractionation factors ($\delta^{17}\text{O}$, $\delta^{18}\text{O}$ and $\delta^2\text{D}$) for water and $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ (gypsum). <i>Geochimica Et Cosmochimica Acta</i> , 2017, 198, 259-270.	1.6	35
54	Nonlinear climatic sensitivity to greenhouse gases over past 4 glacial/interglacial cycles. <i>Scientific Reports</i> , 2017, 7, 4626.	1.6	23

#	ARTICLE	IF	CITATIONS
55	West Antarctic Ice Sheet retreat driven by Holocene warm water incursions. <i>Nature</i> , 2017, 547, 43-48.	13.7	109
56	Mode transitions in Northern Hemisphere glaciation: co-evolution of millennial and orbital variability in Quaternary climate. <i>Climate of the Past</i> , 2016, 12, 1805-1828.	1.3	76
57	Lead (Pb) Isotope Baselines for Studies of Ancient Human Migration and Trade in the Maya Region. <i>PLoS ONE</i> , 2016, 11, e0164871.	1.1	31
58	The smoking gun of the ice ages. <i>Science</i> , 2016, 354, 1235-1236.	6.0	28
59	Carbon isotope offsets between benthic foraminifer species of the genus <i>Cibicides</i> (<i>Cibicidoides</i>) in the glacial sub-Antarctic Atlantic. <i>Paleoceanography</i> , 2016, 31, 1583-1602.	3.0	39
60	Microbial sulfur metabolism evidenced from pore fluid isotope geochemistry at Site U1385. <i>Global and Planetary Change</i> , 2016, 141, 82-90.	1.6	28
61	Isotopic analysis of sulfur cycling and gypsum vein formation in a natural CO ₂ reservoir. <i>Chemical Geology</i> , 2016, 436, 72-83.	1.4	15
62	A 400-ka tephrochronological framework for Central America from Lake Peten Itz'at (Guatemala) sediments. <i>Quaternary Science Reviews</i> , 2016, 150, 200-220.	1.4	45
63	Similar millennial climate variability on the Iberian margin during two early Pleistocene glacials and MIS 3. <i>Paleoceanography</i> , 2016, 31, 203-217.	3.0	24
64	Cyclostratigraphy and eccentricity tuning of the early Oligocene through early Miocene (30.1–17.1 Ma). <i>Earth and Planetary Science Letters</i> , 2016, 450, 392-405.	1.8	68
65	The complexity of millennial-scale variability in southwestern Europe during MIS 11. <i>Quaternary Research</i> , 2016, 86, 373-387.	1.0	39
66	Radiocarbon evidence for enhanced respired carbon storage in the Atlantic at the Last Glacial Maximum. <i>Nature Communications</i> , 2016, 7, 11998.	5.8	34
67	Quaternary magnetic and oxygen isotope stratigraphy in diatom-rich sediments of the southern Gardar Drift (IODP Site U1304, North Atlantic). <i>Quaternary Science Reviews</i> , 2016, 142, 74-89.	1.4	34
68	A model of the 4000-year paleohydrology ($\delta^{18}O$) record from Lake Salpeten, Guatemala. <i>Global and Planetary Change</i> , 2016, 138, 43-55.	1.6	12
69	Quantitative estimates of tropical temperature change in lowland Central America during the last 42 ka. <i>Earth and Planetary Science Letters</i> , 2016, 438, 37-46.	1.8	29
70	Evolution of South Atlantic density and chemical stratification across the last deglaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 514-519.	3.3	53
71	Simultaneous analysis of $^{17}O/^{16}O$, $^{18}O/^{16}O$ and $^{2}H/^{1}H$ of gypsum hydration water by cavity ring-down laser spectroscopy. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1997-2006.	0.7	30
72	Atlantic Deep-water Response to the Early Pliocene Shoaling of the Central American Seaway. <i>Scientific Reports</i> , 2015, 5, 12252.	1.6	31

#	ARTICLE	IF	CITATIONS
73	A reference time scale for Site U1385 (Shackleton Site) on the SW Iberian Margin. <i>Global and Planetary Change</i> , 2015, 133, 49-64.	1.6	99
74	Magnetic unmixing of first-order reversal curve diagrams using principal component analysis. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2900-2915.	1.0	57
75	Coupled measurements of $\delta^{18}O$ and δ^2H of hydration water and salinity of fluid inclusions in gypsum from the Messinian Yesares Member, Sorbas Basin (SE Spain). <i>Earth and Planetary Science Letters</i> , 2015, 430, 499-510.	1.8	45
76	Severe cooling episodes at the onset of deglaciations on the Southwestern Iberian margin from MIS 21 to 13 (IODP site U1385). <i>Global and Planetary Change</i> , 2015, 135, 159-169.	1.6	19
77	Oxygen and hydrogen isotope signatures of Northeast Atlantic water masses. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 89-106.	0.6	35
78	Oxygen isotope analysis of multiple, single ostracod valves as a proxy for combined variability in seasonal temperature and lake water oxygen isotopes. <i>Journal of Paleolimnology</i> , 2015, 53, 35-45.	0.8	20
79	A micropalaeontological perspective on export productivity, oxygenation and temperature in NE Atlantic deep-waters across Terminations I and II. <i>Global and Planetary Change</i> , 2015, 131, 174-191.	1.6	21
80	Drought, agricultural adaptation, and sociopolitical collapse in the Maya Lowlands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5607-5612.	3.3	152
81	Deep-sea trace fossil and benthic foraminiferal assemblages across glacial Terminations 1, 2 and 4 at the "Shackleton Site" (IODP Expedition 339, Site U1385). <i>Global and Planetary Change</i> , 2015, 133, 359-370.	1.6	29
82	Response of macrobenthic and foraminifer communities to changes in deep-sea environmental conditions from Marine Isotope Stage (MIS) 12 to 11 at the "Shackleton Site". <i>Global and Planetary Change</i> , 2015, 133, 176-187.	1.6	35
83	Rhizon sampler alteration of deep ocean sediment interstitial water samples, as indicated by chloride concentration and oxygen and hydrogen isotopes. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2401-2413.	1.0	11
84	Iron Fertilization of the Subantarctic Ocean During the Last Ice Age. <i>Science</i> , 2014, 343, 1347-1350.	6.0	350
85	North Atlantic Paleoceanography from Integrated Ocean Drilling Program Expeditions (2003-2013). <i>Developments in Marine Geology</i> , 2014, 7, 359-393.	0.4	0
86	A stagnation event in the deep South Atlantic during the last interglacial period. <i>Science</i> , 2014, 346, 1514-1517.	6.0	62
87	Abrupt weakening of the summer monsoon in northwest India ~100 yr ago. <i>Geology</i> , 2014, 42, 339-342.	2.0	263
88	Iceberg-rafted tephra as a potential tool for the reconstruction of ice-sheet processes and ocean surface circulation in the glacial North Atlantic. <i>Geological Society Special Publication</i> , 2014, 398, 141-155.	0.8	4
89	Climate variability and ice-sheet dynamics during the last three glaciations. <i>Earth and Planetary Science Letters</i> , 2014, 406, 198-212.	1.8	52
90	Rapid Reductions in North Atlantic Deep Water During the Peak of the Last Interglacial Period. <i>Science</i> , 2014, 343, 1129-1132.	6.0	103

#	ARTICLE	IF	CITATIONS
91	Land-ocean changes on orbital and millennial time scales and the penultimate glaciation. <i>Geology</i> , 2014, 42, 183-186.	2.0	65
92	Pre-aged plant waxes in tropical lake sediments and their influence on the chronology of molecular paleoclimate proxy records. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 141, 346-364.	1.6	64
93	Abrupt weakening of the Indian summer monsoon at 8.2 kyr B.P.. <i>Earth and Planetary Science Letters</i> , 2014, 391, 16-23.	1.8	120
94	Onset of Mediterranean outflow into the North Atlantic. <i>Science</i> , 2014, 344, 1244-1250.	6.0	144
95	Deciphering bottom current velocity and paleoclimate signals from contourite deposits in the Gulf of Cadiz during the last 140 kyr: An inorganic geochemical approach. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3145-3160.	1.0	86
96	Local and regional trends in Pliocene- ¹⁸ O records from benthic foraminifera. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3304-3321.	1.0	30
97	Stable isotope values (¹⁸ O & ¹³ C) of multiple ostracode species in a large Neotropical lake as indicators of past changes in hydrology. <i>Quaternary Science Reviews</i> , 2013, 66, 96-111.	1.4	30
98	Palaeoenvironmental records from the West Antarctic Peninsula drift sediments over the last 75 ka. <i>Geological Society Special Publication</i> , 2013, 381, 263-276.	0.8	5
99	Response of Iberian Margin sediments to orbital and suborbital forcing over the past 420 ka. <i>Paleoceanography</i> , 2013, 28, 185-199.	3.0	127
100	Miocene-Pliocene Antarctic Glacial Evolution: A Synthesis of Ice-Rafted Debris, Stable Isotope, and Planktonic Foraminiferal Indicators, ODP Leg 114. <i>Antarctic Research Series</i> , 2013, , 311-326.	0.2	23
101	Two Modes of Change in Southern Ocean Productivity Over the Past Million Years. <i>Science</i> , 2013, 339, 1419-1423.	6.0	194
102	An Isotopic and Trace Element Study of Ostracods from Lake Miragoane, Haiti: A 10,500 Year Record of Paleosalinity and Paleotemperature Changes in the Caribbean. <i>Geophysical Monograph Series</i> , 2013, , 135-152.	0.1	29
103	Correlating the Ancient Maya and Modern European Calendars with High-Precision AMS ¹⁴ C Dating. <i>Scientific Reports</i> , 2013, 3, 1597.	1.6	21
104	Toward a High-Resolution Stable Isotopic Record of the Southern Ocean During the Pliocene-Pleistocene (4.8 to 0.8 MA). <i>Antarctic Research Series</i> , 2013, , 265-310.	0.2	79
105	A Laurentide outburst flooding event during the last interglacial period. <i>Nature Geoscience</i> , 2012, 5, 901-904.	5.4	52
106	Determining the natural length of the current interglacial. <i>Nature Geoscience</i> , 2012, 5, 138-141.	5.4	94
107	Paleoenvironmental history of the West Baray, Angkor (Cambodia). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1046-1051.	3.3	29
108	A ¹⁴ 43-ka record of paleoenvironmental change in the Central American lowlands inferred from stable isotopes of lacustrine ostracods. <i>Quaternary Science Reviews</i> , 2012, 37, 92-104.	1.4	86

#	ARTICLE	IF	CITATIONS
109	Rapid climate change and no-analog vegetation in lowland Central America during the last 86,000 years. <i>Quaternary Science Reviews</i> , 2012, 38, 63-75.	1.4	102
110	Late Glacial temperature and precipitation changes in the lowland Neotropics by tandem measurement of $\delta^{18}O$ in biogenic carbonate and gypsum hydration water. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 352-368.	1.6	68
111	North Atlantic forcing of Amazonian precipitation during the last ice age. <i>Nature Geoscience</i> , 2012, 5, 817-820.	5.4	116
112	ODP Site 1063 (Bermuda Rise) revisited: Oxygen isotopes, excursions and paleointensity in the Brunhes Chron. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	53
113	Aridity and vegetation composition are important determinants of leaf-wax δD values in southeastern Mexico and Central America. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 97, 24-45.	1.6	100
114	Can we predict the duration of an interglacial?. <i>Climate of the Past</i> , 2012, 8, 1473-1485.	1.3	72
115	Evolution of Ocean Temperature and Ice Volume Through the Mid-Pleistocene Climate Transition. <i>Science</i> , 2012, 337, 704-709.	6.0	630
116	The influence of abrupt climate change on the ice-age vegetation of the Central American lowlands. <i>Journal of Biogeography</i> , 2012, 39, 497-509.	1.4	38
117	Antarctic ice sheet and oceanographic response to eccentricity forcing during the early Miocene. <i>Climate of the Past</i> , 2011, 7, 869-880.	1.3	84
118	Middle to late Holocene initiation of the annual flood pulse in Tonle Sap Lake, Cambodia. <i>Journal of Paleolimnology</i> , 2011, 45, 85-99.	0.8	20
119	Drought and the Maya. <i>Nature</i> , 2011, 479, 44-45.	13.7	63
120	A highly productive Subarctic Atlantic during the Last Interglacial and the role of diatoms. <i>Geology</i> , 2011, 39, 1015-1018.	2.0	10
121	Isotope measurements of single ostracod valves and gastropod shells for climate reconstruction: evaluation of within-sample variability and determination of optimum sample size. <i>Journal of Paleolimnology</i> , 2010, 43, 921-938.	0.8	27
122	Late Quaternary palaeoenvironment of northern Guatemala: evidence from deep drill cores and seismic stratigraphy of Lake Peten Itz'aj. <i>Sedimentology</i> , 2010, 57, 1220.	1.6	35
123	Recovery of the forest ecosystem in the tropical lowlands of northern Guatemala after disintegration of Classic Maya polities. <i>Geology</i> , 2010, 38, 523-526.	2.0	68
124	Reconciling astrochronological and $^{40}Ar/^{39}Ar$ ages for the Matuyama-Brunhes boundary and late Matuyama Chron. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	157
125	Phase relationships of North Atlantic ice-rafted debris and surface-deep climate proxies during the last glacial period. <i>Quaternary Science Reviews</i> , 2010, 29, 3875-3886.	1.4	58
126	Determination of Antarctic Ice Sheet stability over the last ~ 14500 ka through a study of iceberg-rafted debris. <i>Paleoceanography</i> , 2010, 25, .	3.0	20

#	ARTICLE	IF	CITATIONS
127	Geological and archaeological implications of strontium isotope analysis of exposed bedrock in the Chicxulub crater basin, northwestern Yucatan, Mexico. <i>Geology</i> , 2009, 37, 723-726.	2.0	19
128	Climate drying and associated forest decline in the lowlands of northern Guatemala during the late Holocene. <i>Quaternary Research</i> , 2009, 71, 133-141.	1.0	113
129	Re-evaluation of Climate Change in Lowland Central America During the Last Glacial Maximum Using New Sediment Cores from Lake Pet�n Itz�j, Guatemala. <i>Developments in Paleoenvironmental Research</i> , 2009, , 113-128.	7.5	42
130	Surface and deep-water hydrography on Gardar Drift (Iceland Basin) during the last interglacial period. <i>Earth and Planetary Science Letters</i> , 2009, 288, 10-19.	1.8	59
131	Phase relationship between sea level and abrupt climate change. <i>Quaternary Science Reviews</i> , 2009, 28, 2867-2881.	1.4	74
132	Deep-sea ostracods from the South Atlantic sector of the Southern Ocean during the last 370,000 years. <i>Journal of Paleontology</i> , 2009, 83, 914-930.	0.5	30
133	Oxygen and carbon isotopes of detrital carbonate in North Atlantic Heinrich Events. <i>Marine Geology</i> , 2008, 256, 30-35.	0.9	55
134	An 85-ka record of climate change in lowland Central America. <i>Quaternary Science Reviews</i> , 2008, 27, 1152-1165.	1.4	211
135	Onset of �Hudson Strait�Heinrich events in the eastern North Atlantic at the end of the middle Pleistocene transition (�640 ka)? <i>Paleoceanography</i> , 2008, 23, .	3.0	290
136	Quantification of soil erosion rates related to ancient Maya deforestation. <i>Geology</i> , 2007, 35, 915.	2.0	155
137	Holocene climate variability in the western Mediterranean region from a deepwater sediment record. <i>Paleoceanography</i> , 2007, 22, .	3.0	155
138	Variations in the strontium isotope composition of seawater during the Paleocene and early Eocene from ODP Leg 208 (Walvis Ridge). <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	1.0	45
139	Origin and significance of ice�rafted detritus in the Atlantic sector of the Southern Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	1.0	37
140	Climate and cultural history of the Northeastern Yucatan Peninsula, Quintana Roo, Mexico. <i>Climatic Change</i> , 2007, 83, 215-240.	1.7	86
141	Late Neogene history of deepwater ventilation in the Southern Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	117
142	Late Quaternary climate-induced lake level variations in Lake Pet�n Itz�j, Guatemala, inferred from seismic stratigraphic analysis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 230, 52-69.	1.0	73
143	Mechanisms for Organic Matter and Phosphorus Burial in Sediments of a Shallow, Subtropical, Macrophyte-Dominated Lake. <i>Journal of Paleolimnology</i> , 2006, 35, 129-148.	0.8	53
144	Climate change on the Yucatan Peninsula during the Little Ice Age. <i>Quaternary Research</i> , 2005, 63, 109-121.	1.0	183

#	ARTICLE	IF	CITATIONS
145	Climate change in lowland Central America during the late deglacial and early Holocene. <i>Journal of Quaternary Science</i> , 2005, 20, 363-376.	1.1	78
146	Rapid Acidification of the Ocean During the Paleocene-Eocene Thermal Maximum. <i>Science</i> , 2005, 308, 1611-1615.	6.0	943
147	Impact of iceberg melting on Mediterranean thermohaline circulation during Heinrich events. <i>Paleoceanography</i> , 2005, 20, n/a-n/a.	3.0	180
148	Terminal Classic drought in the northern Maya lowlands inferred from multiple sediment cores in Lake Chichancanab (Mexico). <i>Quaternary Science Reviews</i> , 2005, 24, 1413-1427.	1.4	251
149	Stability of North Atlantic water masses in face of pronounced climate variability during the Pleistocene. <i>Paleoceanography</i> , 2004, 19, n/a-n/a.	3.0	179
150	Spatial variation of strontium isotopes ($^{87}\text{Sr}/^{86}\text{Sr}$) in the Maya region: a tool for tracking ancient human migration. <i>Journal of Archaeological Science</i> , 2004, 31, 585-601.	1.2	276
151	Abrupt Temperature Changes in the Western Mediterranean over the Past 250,000 Years. <i>Science</i> , 2004, 306, 1762-1765.	6.0	410
152	Extreme ^{13}C enrichments in a shallow hypereutrophic lake: Implications for carbon cycling. <i>Limnology and Oceanography</i> , 2004, 49, 1152-1159.	1.6	70
153	A ^{14}C 580 kyr paleomagnetic record from the sub-Antarctic South Atlantic (Ocean Drilling Program Site) Tj ETQq1 1,0.784314 rgBT /C 3.3 79	1.0	79
154	Atlantic Ocean thermohaline circulation changes on orbital to suborbital timescales during the mid-Pleistocene. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.	3.0	48
155	Pleistocene vertical carbon isotope and carbonate gradients in the South Atlantic sector of the Southern Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, 1-19.	1.0	202
156	Deep sea sedimentary analogs for the Vostok ice core. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	27
157	Calcareous plankton dissolution pattern and coccolithophore assemblages during the last 600 kyr at ODP Site 1089 (Cape Basin, South Atlantic): paleoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 196, 409-426.	1.0	84
158	The mid-Brunhes transition in ODP sites 1089 and 1090 (subantarctic South Atlantic). <i>Geophysical Monograph Series</i> , 2003, , 113-129.	0.1	13
159	PALEOLIMNOLOGY OF THE MAYA LOWLANDS. <i>Ancient Mesoamerica</i> , 2002, 13, 141-157.	0.2	110
160	New evidence for changes in Pliocene-Pleistocene deep water circulation from Southern Ocean ODP Leg 177 Site 1090. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 182, 197-220.	1.0	126
161	Mid-Brunhes century-scale diatom sea surface temperature and sea ice records from the Atlantic sector of the Southern Ocean (ODP Leg 177, sites 1093, 1094 and core PS2089-2). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 182, 305-328.	1.0	46
162	Comparison of ice-rafted debris and physical properties in ODP Site 1094 (South Atlantic) with the Vostok ice core over the last four climatic cycles. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 182, 329-349.	1.0	54

#	ARTICLE	IF	CITATIONS
163	Sequence of events during the last deglaciation in Southern Ocean sediments and Antarctic ice cores. <i>Paleoceanography</i> , 2002, 17, 8-1-8-7.	3.0	110
164	The oxygen isotopic composition of seawater during the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2002, 21, 331-342.	1.4	310
165	A 4000-Year Lacustrine Record of Environmental Change in the Southern Maya Lowlands, Pet�n, Guatemala. <i>Quaternary Research</i> , 2002, 57, 183-190.	1.0	166
166	Title is missing!. <i>Journal of Paleolimnology</i> , 2002, 27, 117-131.	0.8	66
167	Correlation of Late Miocene to Early Pliocene sequences between the Mediterranean and North Atlantic. <i>Paleoceanography</i> , 2001, 16, 164-178.	3.0	229
168	Solar Forcing of Drought Frequency in the Maya Lowlands. <i>Science</i> , 2001, 292, 1367-1370.	6.0	502
169	Climate Change in the Circum-Caribbean (Late Pleistocene to Present) and Implications for Regional Biogeography. , 2001, , 35-54.		35
170	Abrupt Cooling of Antarctic Surface Waters and Sea Ice Expansion in the South Atlantic Sector of the Southern Ocean at 5000 cal yr B.P.. <i>Quaternary Research</i> , 2001, 56, 191-198.	1.0	174
171	Abrupt Climate Change and Pre-Columbian Cultural Collapse. , 2001, , 87-103.		34
172	2. Climate Change in the Northern American Tropics and Subtropics since the Last Ice Age: Implications for Environment and Culture. , 2000, , 13-38.		27
173	Comparison of interglacial stages in the South Atlantic sector of the southern ocean for the past 450 kyr: implications for Marine Isotope Stage (MIS) 11. <i>Global and Planetary Change</i> , 2000, 24, 7-26.	1.6	134
174	Millennial-Scale Instability of the Antarctic Ice Sheet During the Last Glaciation. <i>Science</i> , 2000, 288, 1815-1819.	6.0	173
175	North Atlantic Intermediate to Deep Water circulation and chemical stratification during the past 1 Myr. <i>Paleoceanography</i> , 2000, 15, 388-403.	3.0	83
176	Climate change in the Lake Valencia Basin, Venezuela, ~12600 yr BP to present. <i>Holocene</i> , 1999, 9, 609-619.	0.9	81
177	A 10,300 14C yr Record of Climate and Vegetation Change from Haiti. <i>Quaternary Research</i> , 1999, 52, 159-170.	1.0	107
178	Paleoclimate of Southwestern China for the Past 50,000 yr Inferred from Lake Sediment Records. <i>Quaternary Research</i> , 1999, 52, 369-380.	1.0	168
179	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 22, 205-221.	0.8	268
180	A 1.0 Myr Record of Glacial North Atlantic Intermediate Water Variability from ODP Site 982 in the Northeast Atlantic. <i>Paleoceanography</i> , 1999, 14, 42-52.	3.0	148

#	ARTICLE	IF	CITATIONS
181	Origin of global millennial scale climate events: Constraints from the Southern Ocean deep sea sedimentary record. <i>Geophysical Monograph Series</i> , 1999, , 99-112.	0.1	61
182	A multi-proxy study of Holocene environmental change in the Maya Lowlands of Peten, Guatemala. <i>Journal of Paleolimnology</i> , 1998, 19, 139-159.	0.8	162
183	Orbital modulation of the Earth's magnetic field intensity. <i>Nature</i> , 1998, 394, 464-468.	13.7	127
184	Production, sedimentation, and isotopic composition of organic matter in Lake Ontario. <i>Limnology and Oceanography</i> , 1998, 43, 200-214.	1.6	328
185	Biologically induced calcite and its isotopic composition in Lake Ontario. <i>Limnology and Oceanography</i> , 1998, 43, 187-199.	1.6	172
186	Climate Variability on the Yucatan Peninsula (Mexico) during the Past 3500 Years, and Implications for Maya Cultural Evolution. <i>Quaternary Research</i> , 1996, 46, 37-47.	1.0	401
187	A Holocene vegetation history from lowland Guatemala. <i>Holocene</i> , 1996, 6, 265-271.	0.9	178
188	Possible role of climate in the collapse of Classic Maya civilization. <i>Nature</i> , 1995, 375, 391-394.	13.7	839
189	Using carbon isotopes of bulk sedimentary organic matter to reconstruct the history of nutrient loading and eutrophication in Lake Erie. <i>Limnology and Oceanography</i> , 1995, 40, 918-929.	1.6	254
190	Variations in the strontium isotopic ratio of seawater during the Miocene: Stratigraphic and geochemical implications. <i>Paleoceanography</i> , 1994, 9, 405-426.	3.0	165
191	Magnetostratigraphic, biostratigraphic, and stable isotope stratigraphy of an Upper Miocene drill core from the Salâ© Briqueterie (northwestern Morocco): A high-resolution chronology for the Messinian stage. <i>Paleoceanography</i> , 1994, 9, 835-855.	3.0	149
192	Orbital and internal forcing of climate on the Yucatan Peninsula for the past ca. 36 ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1994, 109, 193-210.	1.0	101
193	Late Pleistocene Paleoceanography of the South Atlantic Sector of the Southern Ocean: Ocean Drilling Program Hole 704A. <i>Paleoceanography</i> , 1993, 8, 47-67.	3.0	58
194	Evidence for Relative Climatic Stability of Antarctica During the Early Pliocene: A Marine Perspective. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1993, 75, 205-220.	0.6	35
195	Evidence for Relative Climatic Stability of Antarctica during the Early Pliocene: A Marine Perspective. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1993, 75, 205.	0.6	57
196	Deus creavit; Linneaus disposuit: An international effort to create a catalogue and expert system for the identification of protistan species. <i>Sarsia</i> , 1992, 77, 275-285.	0.5	8
197	Response of deep ocean circulation to initiation of northern hemisphere glaciation (3â€2 MA). <i>Paleoceanography</i> , 1992, 7, 645-672.	3.0	192
198	Reconstruction of Caribbean climate change over the past 10,500 years. <i>Nature</i> , 1991, 352, 790-793.	13.7	330

#	ARTICLE	IF	CITATIONS
199	Southern Ocean Response to the Intensification of Northern Hemisphere Glaciation at 2.4 Ma. , 1990, , 707-728.		17
200	Stable isotope stratigraphy of Latest Miocene sequences in northwest Morocco: The Bou Regreg section. <i>Paleoceanography</i> , 1989, 4, 467-482.	3.0	57
201	Application of strontium isotopes to late Miocene-early Pliocene stratigraphy. <i>Geology</i> , 1988, 16, 1022.	2.0	73
202	Late Miocene–Early Pliocene stratigraphy and paleoceanography of the South Atlantic and southwest Pacific oceans: A synthesis. <i>Paleoceanography</i> , 1986, 1, 285-311.	3.0	137
203	The “Shackleton Site” (IODP Site U1385) on the Iberian Margin. <i>Scientific Drilling</i> , 0, 16, 13-19.	1.0	41
204	Late Pleistocene Climate in the Central American Lowlands. <i>Geophysical Monograph Series</i> , 0, , 165-178.	0.1	46
205	The Lake Pet�n Itz� Scientific Drilling Project. <i>Scientific Drilling</i> , 0, 3, 25-29.	1.0	20
206	IODP Drilling of the "Shackleton Sites" on the Iberian Margin: A Plio-Pleistocene Marine Reference Section of Millennial-Scale Climate Change. <i>Scientific Drilling</i> , 0, 9, 50-51.	1.0	4