

David A Hodell

List of Publications by Year in descending order

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206
papers

19,528
citations

9786

73
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12946

131
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212
all docs

212
docs citations

212
times ranked

12170
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#	ARTICLE	IF	CITATIONS
1	Rapid Acidification of the Ocean During the Paleocene-Eocene Thermal Maximum. <i>Science</i> , 2005, 308, 1611-1615.	12.6	943
2	Possible role of climate in the collapse of Classic Maya civilization. <i>Nature</i> , 1995, 375, 391-394.	27.8	839
3	An astronomically dated record of Earth's climate and its predictability over the last 66 million years. <i>Science</i> , 2020, 369, 1383-1387.	12.6	791
4	Evolution of Ocean Temperature and Ice Volume Through the Mid-Pleistocene Climate Transition. <i>Science</i> , 2012, 337, 704-709.	12.6	630
5	Solar Forcing of Drought Frequency in the Maya Lowlands. <i>Science</i> , 2001, 292, 1367-1370.	12.6	502
6	Abrupt Temperature Changes in the Western Mediterranean over the Past 250,000 Years. <i>Science</i> , 2004, 306, 1762-1765.	12.6	410
7	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.	1.7	401
8	Iron Fertilization of the Subantarctic Ocean During the Last Ice Age. <i>Science</i> , 2014, 343, 1347-1350.	12.6	350
9	Reconstruction of Caribbean climate change over the past 10,500 years. <i>Nature</i> , 1991, 352, 790-793.	27.8	330
10	Production, sedimentation, and isotopic composition of organic matter in Lake Ontario. <i>Limnology and Oceanography</i> , 1998, 43, 200-214.	3.1	328
11	The oxygen isotopic composition of seawater during the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2002, 21, 331-342.	3.0	310
12	Onset of "Hudson Strait" Heinrich events in the eastern North Atlantic at the end of the middle Pleistocene transition (~140 ka)? <i>Paleoceanography</i> , 2008, 23, .	3.0	290
13	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.	2.4	276
14	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 22, 205-221.	1.6	268
15	Abrupt weakening of the summer monsoon in northwest India ~100 yr ago. <i>Geology</i> , 2014, 42, 339-342.	4.4	263
16	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.	3.1	254
17	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.	3.0	251
18	Correlation of Late Miocene to Early Pliocene sequences between the Mediterranean and North Atlantic. <i>Paleoceanography</i> , 2001, 16, 164-178.	3.0	229

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19	An 85-ka record of climate change in lowland Central America. <i>Quaternary Science Reviews</i> , 2008, 27, 1152-1165.	3.0	211
20	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.	2.5	202
21	Two Modes of Change in Southern Ocean Productivity Over the Past Million Years. <i>Science</i> , 2013, 339, 1419-1423.	12.6	194
22	Response of deep ocean circulation to initiation of northern hemisphere glaciation (3â€“2 MA). <i>Paleoceanography</i> , 1992, 7, 645-672.	3.0	192
23	Climate change on the Yucatan Peninsula during the Little Ice Age. <i>Quaternary Research</i> , 2005, 63, 109-121.	1.7	183
24	Impact of iceberg melting on Mediterranean thermohaline circulation during Heinrich events. <i>Paleoceanography</i> , 2005, 20, n/a-n/a.	3.0	180
25	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
26	A Holocene vegetation history from lowland Guatemala. <i>Holocene</i> , 1996, 6, 265-271.	1.7	178
27	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.	1.7	174
28	Millennial-Scale Instability of the Antarctic Ice Sheet During the Last Glaciation. <i>Science</i> , 2000, 288, 1815-1819.	12.6	173
29	Biologically induced calcite and its isotopic composition in Lake Ontario. <i>Limnology and Oceanography</i> , 1998, 43, 187-199.	3.1	172
30	Reducing Uncertainties in Carbonate Clumped Isotope Analysis Through Consistent Carbonateâ€Based Standardization. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2895-2914.	2.5	172
31	Paleoclimate of Southwestern China for the Past 50,000 yr Inferred from Lake Sediment Records. <i>Quaternary Research</i> , 1999, 52, 369-380.	1.7	168
32	A 4000-Year Lacustrine Record of Environmental Change in the Southern Maya Lowlands, PetÃ©n, Guatemala. <i>Quaternary Research</i> , 2002, 57, 183-190.	1.7	166
33	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
34	A multi-proxy study of Holocene environmental change in the Maya Lowlands of Peten, Guatemala. <i>Journal of Paleolimnology</i> , 1998, 19, 139-159.	1.6	162
35	Reconciling astrochronological and ⁴⁰ Ar/ ³⁹ Ar ages for the Matuyamaâ€Brunhes boundary and late Matuyama Chron. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	157
36	Quantification of soil erosion rates related to ancient Maya deforestation. <i>Geology</i> , 2007, 35, 915.	4.4	155

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37	Holocene climate variability in the western Mediterranean region from a deepwater sediment record. <i>Paleoceanography</i> , 2007, 22, .	3.0	155
38	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.	7.1	152
39	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
40	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
41	Onset of Mediterranean outflow into the North Atlantic. <i>Science</i> , 2014, 344, 1244-1250.	12.6	144
42	Late Mioceneâ€“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
43	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.	3.5	134
44	Effects of Improved ¹⁷ O Correction on Interlaboratory Agreement in Clumped Isotope Calibrations, Estimates of Mineralâ€“specific Offsets, and Temperature Dependence of Acid Digestion Fractionation. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3495-3519.	2.5	134
45	Anatomy of Heinrich Layer 1 and its role in the last deglaciation. <i>Paleoceanography</i> , 2017, 32, 284-303.	3.0	128
46	Orbital modulation of the Earth's magnetic field intensity. <i>Nature</i> , 1998, 394, 464-468.	27.8	127
47	Response of Iberian Margin sediments to orbital and suborbital forcing over the past 420â€‰ka. <i>Paleoceanography</i> , 2013, 28, 185-199.	3.0	127
48	New evidence for changes in Plioceneâ€“Pleistocene deep water circulation from Southern Ocean ODP Leg 177 Site 1090. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 182, 197-220.	2.3	126
49	Abrupt weakening of the Indian summer monsoon at 8.2 kyrâ€‰B.P.. <i>Earth and Planetary Science Letters</i> , 2014, 391, 16-23.	4.4	120
50	Late Neogene history of deepwater ventilation in the Southern Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	117
51	North Atlantic forcing of Amazonian precipitation during the last ice age. <i>Nature Geoscience</i> , 2012, 5, 817-820.	12.9	116
52	Climate drying and associated forest decline in the lowlands of northern Guatemala during the late Holocene. <i>Quaternary Research</i> , 2009, 71, 133-141.	1.7	113
53	PALEOLIMNOLOGY OF THE MAYA LOWLANDS. <i>Ancient Mesoamerica</i> , 2002, 13, 141-157.	0.3	110
54	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

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55	West Antarctic Ice Sheet retreat driven by Holocene warm water incursions. <i>Nature</i> , 2017, 547, 43-48.	27.8	109
56	A 10,300 14C yr Record of Climate and Vegetation Change from Haiti. <i>Quaternary Research</i> , 1999, 52, 159-170.	1.7	107
57	Rapid Reductions in North Atlantic Deep Water During the Peak of the Last Interglacial Period. <i>Science</i> , 2014, 343, 1129-1132.	12.6	103
58	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.	3.0	102
59	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.	2.3	101
60	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.	3.9	100
61	A reference time scale for Site U1385 (Shackleton Site) on the SW Iberian Margin. <i>Global and Planetary Change</i> , 2015, 133, 49-64.	3.5	99
62	Quantification of drought during the collapse of the classic Maya civilization. <i>Science</i> , 2018, 361, 498-501.	12.6	98
63	Determining the natural length of the current interglacial. <i>Nature Geoscience</i> , 2012, 5, 138-141.	12.9	94
64	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.	1.6	94
65	Enhanced climate instability in the North Atlantic and southern Europe during the Last Interglacial. <i>Nature Communications</i> , 2018, 9, 4235.	12.8	94
66	Climate and cultural history of the Northeastern Yucatan Peninsula, Quintana Roo, Mexico. <i>Climatic Change</i> , 2007, 83, 215-240.	3.6	86
67	A 143-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.	3.0	86
68	Deciphering bottom current velocity and paleoclimate signals from contourite deposits in the Gulf of Mexico during the last 140 kyr: An inorganic geochemical approach. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3145-3160.	2.5	86
69	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.	2.3	84
70	Antarctic ice sheet and oceanographic response to eccentricity forcing during the early Miocene. <i>Climate of the Past</i> , 2011, 7, 869-880.	3.4	84
71	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.	7.1	84
72	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

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73	Climate change in the Lake Valencia Basin, Venezuela, ~12600 yr BP to present. Holocene, 1999, 9, 609-619.	1.7	81
74	A $\delta^{14}C$ record from the sub-Antarctic South Atlantic (Ocean Drilling Program Site) Tj ETQq0 0.0 rgBT /Overlock 10	3.3	79
75	Toward a High-Resolution Stable Isotopic Record of the Southern Ocean During the Pliocene-Pleistocene (4.8 to 0.8 MA). Antarctic Research Series, 2013, , 265-310.	0.2	79
76	Climate change in lowland Central America during the late deglacial and early Holocene. Journal of Quaternary Science, 2005, 20, 363-376.	2.1	78
77	Mode transitions in Northern Hemisphere glaciation: co-evolution of millennial and orbital variability in Quaternary climate. Climate of the Past, 2016, 12, 1805-1828.	3.4	76
78	Phase relationship between sea level and abrupt climate change. Quaternary Science Reviews, 2009, 28, 2867-2881.	3.0	74
79	Application of strontium isotopes to late Miocene-early Pliocene stratigraphy. Geology, 1988, 16, 1022.	4.4	73
80	Late Quaternary climate-induced lake level variations in Lake Pet��n Itz��j, Guatemala, inferred from seismic stratigraphic analysis. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 230, 52-69.	2.3	73
81	Can we predict the duration of an interglacial?. Climate of the Past, 2012, 8, 1473-1485.	3.4	72
82	Extreme $\delta^{13}C$ enrichments in a shallow hypereutrophic lake: Implications for carbon cycling. Limnology and Oceanography, 2004, 49, 1152-1159.	3.1	70
83	Recovery of the forest ecosystem in the tropical lowlands of northern Guatemala after disintegration of Classic Maya polities. Geology, 2010, 38, 523-526.	4.4	68
84	Late Glacial temperature and precipitation changes in the lowland Neotropics by tandem measurement of $\delta^{18}O$ in biogenic carbonate and gypsum hydration water. Geochimica Et Cosmochimica Acta, 2012, 77, 352-368.	3.9	68
85	Cyclostratigraphy and eccentricity tuning of the early Oligocene through early Miocene (30.1��17.1) Tj ETQq1 1 0.784314 rgBT /Overlock 10 and Planetary Science Letters, 2016, 450, 392-405.	4.4	68
86	Title is missing!. Journal of Paleolimnology, 2002, 27, 117-131.	1.6	66
87	Land-ocean changes on orbital and millennial time scales and the penultimate glaciation. Geology, 2014, 42, 183-186.	4.4	65
88	Pre-aged plant waxes in tropical lake sediments and their influence on the chronology of molecular paleoclimate proxy records. Geochimica Et Cosmochimica Acta, 2014, 141, 346-364.	3.9	64
89	Drought and the Maya. Nature, 2011, 479, 44-45.	27.8	63
90	A stagnation event in the deep South Atlantic during the last interglacial period. Science, 2014, 346, 1514-1517.	12.6	62

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91	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
92	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.	4.4	59
93	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
94	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.	3.0	58
95	The residence time of Southern Ocean surface waters and the 100,000-year ice age cycle. <i>Science</i> , 2019, 363, 1080-1084.	12.6	58
96	Stable isotope stratigraphy of Latest Miocene sequences in northwest Morocco: The Bou Regreg section. <i>Paleoceanography</i> , 1989, 4, 467-482.	3.0	57
97	Magnetic unmixing of first-order reversal curve diagrams using principal component analysis. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2900-2915.	2.5	57
98	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.	1.5	57
99	Oxygen and carbon isotopes of detrital carbonate in North Atlantic Heinrich Events. <i>Marine Geology</i> , 2008, 256, 30-35.	2.1	55
100	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.	2.3	54
101	Intensified summer monsoon and the urbanization of Indus Civilization in northwest India. <i>Scientific Reports</i> , 2018, 8, 4225.	3.3	54
102	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.	1.6	53
103	ODP Site 1063 (Bermuda Rise) revisited: Oxygen isotopes, excursions and paleointensity in the Brunhes Chron. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	53
104	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.	7.1	53
105	A Laurentide outburst flooding event during the last interglacial period. <i>Nature Geoscience</i> , 2012, 5, 901-904.	12.9	52
106	Climate variability and ice-sheet dynamics during the last three glaciations. <i>Earth and Planetary Science Letters</i> , 2014, 406, 198-212.	4.4	52
107	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
108	Persistent influence of obliquity on ice age terminations since the Middle Pleistocene transition. <i>Science</i> , 2020, 367, 1235-1239.	12.6	48

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109	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.	4.4	47
110	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.	2.3	46
111	Late Pleistocene Climate in the Central American Lowlands. <i>Geophysical Monograph Series</i> , 0, , 165-178.	0.1	46
112	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, .	2.5	45
113	Coupled measurements of $\delta^{18}\text{O}$ and $\delta^2\text{H}$ 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.	4.4	45
114	A 400-ka tephrochronological framework for Central America from Lake Pet��n Itz��j (Guatemala) sediments. <i>Quaternary Science Reviews</i> , 2016, 150, 200-220.	3.0	45
115	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.	8.0	42
116	Mediterranean Overflow Over the Last 250��kyr: Freshwater Forcing From the Tropics to the Ice Sheets. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003931.	2.9	42
117	The ‘‘Shackleton Site’’ (IODP Site U1385) on the Iberian Margin. <i>Scientific Drilling</i> , 0, 16, 13-19.	0.6	41
118	Persistent orbital influence on millennial climate variability through the Pleistocene. <i>Nature Geoscience</i> , 2021, 14, 812-818.	12.9	41
119	Coupled Mg/Ca and clumped isotope analyses of foraminifera provide consistent water temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 236, 283-296.	3.9	40
120	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
121	The complexity of millennial-scale variability in southwestern Europe during MIS 11. <i>Quaternary Research</i> , 2016, 86, 373-387.	1.7	39
122	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.	2.5	39
123	The influence of abrupt climate change on the ice��ge vegetation of the Central American lowlands. <i>Journal of Biogeography</i> , 2012, 39, 497-509.	3.0	38
124	Origin and significance of ice��rafted detritus in the Atlantic sector of the Southern Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	2.5	37
125	Interglacial instability of North Atlantic Deep Water ventilation. <i>Science</i> , 2020, 367, 1485-1489.	12.6	36
126	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.	1.5	35

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127	Climate Change in the Circum-Caribbean (Late Pleistocene to Present) and Implications for Regional Biogeography. , 2001, , 35-54.		35
128	Late Quaternary palaeoenvironment of northern Guatemala: evidence from deep drill cores and seismic stratigraphy of Lake Pet��n Itz��j. Sedimentology, 2010, 57, 1220.	3.1	35
129	Oxygen and hydrogen isotope signatures of Northeast Atlantic water masses. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 116, 89-106.	1.4	35
130	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��. Global and Planetary Change, 2015, 133, 176-187.	3.5	35
131	Precise and accurate isotope fractionation factors ($\delta^{17}\text{O}$, $\delta^{18}\text{O}$ and δ^{D}) for water and $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$ (gypsum). Geochimica Et Cosmochimica Acta, 2017, 198, 259-270.	3.9	35
132	Indian winter and summer monsoon strength over the 4.2��ka event in foraminifer isotope records from the Indus River delta in the Arabian Sea. Climate of the Past, 2019, 15, 73-90.	3.4	35
133	Abrupt CO_2 release to the atmosphere under glacial and early interglacial climate conditions. Science, 2020, 369, 1000-1005.	12.6	35
134	Abrupt Climate Change and Pre-Columbian Cultural Collapse. , 2001, , 87-103.		34
135	Radiocarbon evidence for enhanced respired carbon storage in the Atlantic at the Last Glacial Maximum. Nature Communications, 2016, 7, 11998.	12.8	34
136	Quaternary magnetic and oxygen isotope stratigraphy in diatom-rich sediments of the southern Gardar Drift (IODP Site U1304, North Atlantic). Quaternary Science Reviews, 2016, 142, 74-89.	3.0	34
137	Insolation triggered abrupt weakening of Atlantic circulation at the end of interglacials. Science, 2021, 373, 1035-1040.	12.6	34
138	Atlantic Deep-water Response to the Early Pliocene Shoaling of the Central American Seaway. Scientific Reports, 2015, 5, 12252.	3.3	31
139	Lead (Pb) Isotope Baselines for Studies of Ancient Human Migration and Trade in the Maya Region. PLoS ONE, 2016, 11, e0164871.	2.5	31
140	Deep-sea ostracods from the South Atlantic sector of the Southern Ocean during the last 370,000 years. Journal of Paleontology, 2009, 83, 914-930.	0.8	30
141	Stable isotope values ($\delta^{18}\text{O}$ & $\delta^{13}\text{C}$) of multiple ostracode species in a large Neotropical lake as indicators of past changes in hydrology. Quaternary Science Reviews, 2013, 66, 96-111.	3.0	30
142	Local and regional trends in Pliocene-Pleistocene $\delta^{18}\text{O}$ records from benthic foraminifera. Geochemistry, Geophysics, Geosystems, 2014, 15, 3304-3321.	2.5	30
143	Simultaneous analysis of $\delta^{17}\text{O}/\delta^{16}\text{O}$, $\delta^{18}\text{O}/\delta^{16}\text{O}$ and $\delta^2\text{H}/\delta^1\text{H}$ of gypsum hydration water by cavity ring-down laser spectroscopy. Rapid Communications in Mass Spectrometry, 2015, 29, 1997-2006.	1.5	30
144	Paleoenvironmental history of the West Baray, Angkor (Cambodia). Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1046-1051.	7.1	29

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145	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. Geophysical Monograph Series, 2013, , 135-152.	0.1	29
146	Deep-sea trace fossil and benthic foraminiferal assemblages across glacial Terminations 1, 2 and 4 at the “Shackleton Site” (IODP Expedition 339, Site U1385). Global and Planetary Change, 2015, 133, 359-370.	3.5	29
147	Quantitative estimates of tropical temperature change in lowland Central America during the last 42 ka. Earth and Planetary Science Letters, 2016, 438, 37-46.	4.4	29
148	Late Lutetian Thermal Maximum “Crossing a Thermal Threshold in Earth's Climate System?. Geochemistry, Geophysics, Geosystems, 2018, 19, 73-82.	2.5	29
149	The smoking gun of the ice ages. Science, 2016, 354, 1235-1236.	12.6	28
150	Microbial sulfur metabolism evidenced from pore fluid isotope geochemistry at Site U1385. Global and Planetary Change, 2016, 141, 82-90.	3.5	28
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