

Peter K Swart

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Isotopic Patterns in Modern Global Precipitation. Geophysical Monograph Series, 0, , 1-36.	0.1	1,208
2	Natal Homing in a Marine Fish Metapopulation. Science, 2001, 291, 297-299.	12.6	562
3	The geochemistry of carbonate diagenesis: The past, present and future. Sedimentology, 2015, 62, 1233-1304.	3.1	415
4	Factors determining $\delta^{13}C$ and $\delta^{18}O$ fractionation in aragonitic otoliths of marine fish. Geochimica Et Cosmochimica Acta, 1997, 61, 2909-2919.	3.9	306
5	Carbon and oxygen isotope fractionation in scleractinian corals: a review. Earth-Science Reviews, 1983, 19, 51-80.	9.1	305
6	The nature of the $\delta^{13}C$ of periplatform sediments: Implications for stratigraphy and the global carbon cycle. Sedimentary Geology, 2005, 175, 115-129.	2.1	274
7	Questioning carbonate diagenetic paradigms: evidence from the Neogene of the Bahamas. Marine Geology, 2002, 185, 27-53.	2.1	233
8	Mineralogy, early marine diagenesis, and the chemistry of shallow-water carbonate sediments. Geochimica Et Cosmochimica Acta, 2018, 220, 512-534.	3.9	208
9	Fractionation of the stable isotopes of oxygen and carbon in carbon dioxide during the reaction of calcite with phosphoric acid as a function of temperature and technique. Chemical Geology: Isotope Geoscience Section, 1991, 86, 89-96.	0.6	194
10	New distribution coefficient for the incorporation of strontium into dolomite and its implications for the formation of ancient dolomites. Geology, 1990, 18, 387.	4.4	187
11	Accurate classification of juvenile weakfish <i>Cynoscion regalis</i> to estuarine nursery areas based on chemical signatures in otoliths. Marine Ecology - Progress Series, 1998, 173, 253-265.	1.9	185
12	Evolution of the coral-zooxanthellae symbiosis during the Triassic: a geochemical approach. Paleobiology, 1995, 21, 179-199.	2.0	182
13	Global synchronous changes in the carbon isotopic composition of carbonate sediments unrelated to changes in the global carbon cycle. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13741-13745.	7.1	178
14	The origin of variations in the isotopic record of scleractinian corals: I. Oxygen. Geochimica Et Cosmochimica Acta, 1996, 60, 2857-2870.	3.9	176
15	N ISOTOPE FRACTIONATION AND MEASURES OF ORGANIC MATTER ALTERATION DURING DECOMPOSITION. Ecology, 2003, 84, 2021-2025.	3.2	172
16	Whittings, a sedimentologic dilemma. Journal of Sedimentary Research, 1989, 59, 147-161.	1.6	164
17	The origin of variations in the isotopic record of scleractinian corals: II. Carbon. Geochimica Et Cosmochimica Acta, 1996, 60, 2871-2885.	3.9	156
18	Quantifying early marine diagenesis in shallow-water carbonate sediments. Geochimica Et Cosmochimica Acta, 2018, 236, 140-159.	3.9	153

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19	Interpreting carbonate and organic carbon isotope covariance in the sedimentary record. <i>Nature Communications</i> , 2014, 5, 4672.	12.8	149
20	Utilization of Freshwater and Ocean Water by Coastal Plants of Southern Florida. <i>Ecology</i> , 1987, 68, 1898-1905.	3.2	143
21	Interstellar Carbon in Meteorites. <i>Science</i> , 1983, 220, 406-410.	12.6	139
22	Abrupt climate variability since the last deglaciation based on a high-resolution, multi-proxy peat record from NW Iran: The hand that rocked the Cradle of Civilization?. <i>Quaternary Science Reviews</i> , 2015, 123, 215-230.	3.0	138
23	Oxygen isotope biogeochemistry of pore water sulfate in the deep biosphere: Dominance of isotope exchange reactions with ambient water during microbial sulfate reduction (ODP Site 1130). <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4221-4232.	3.9	121
24	The abrupt onset of the modern South Asian Monsoon winds. <i>Scientific Reports</i> , 2016, 6, 29838.	3.3	121
25	The ¹³ C Suess effect in scleractinian corals mirror changes in the anthropogenic CO ₂ inventory of the surface oceans. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	120
26	Isotopic fingerprints of microbial respiration in aragonite from Bahamian stromatolites. <i>Geology</i> , 2006, 34, 973.	4.4	112
27	Continental Paleothermometry and Seasonality Using the Isotopic Composition of Aragonitic Otoliths of Freshwater Fishes. <i>Geophysical Monograph Series</i> , 0, , 191-202.	0.1	112
28	The carbon and oxygen isotopic composition of meteoritic carbonates. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 2855-2866.	3.9	111
29	InterCarb: A Community Effort to Improve Interlaboratory Standardization of the Carbonate Clumped Isotope Thermometer Using Carbonate Standards. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009588.	2.5	110
30	Meteoric-like fabrics forming in marine waters: Implications for the use of petrography to identify diagenetic environments. <i>Geology</i> , 1995, 23, 755.	4.4	109
31	The Origin of Dolomites in Tertiary Sediments from the Margin of Great Bahama Bank. <i>Journal of Sedimentary Research</i> , 2000, 70, 738-748.	1.6	109
32	The effect of prolonged ?bleaching? on skeletal banding and stable isotopic composition in <i>Montastrea annularis</i> . <i>Coral Reefs</i> , 1991, 10, 19-27.	2.2	107
33	Does the global stratigraphic reproducibility of $\delta^{13}C$ in Neoproterozoic carbonates require a marine origin? A Pliocene–Pleistocene comparison. <i>Geology</i> , 2012, 40, 87-90.	4.4	102
34	Mixing-Zone Diagenesis in the Subsurface of Florida and the Bahamas. <i>Journal of Sedimentary Research</i> , 2004, 74, 904-913.	1.6	98
35	Origin of Dolomite in the Arab-D Reservoir from the Chawar Field, Saudi Arabia: Evidence from Petrographic and Geochemical Constraints. <i>Journal of Sedimentary Research</i> , 2005, 75, 476-491.	1.6	97
36	Coastal groundwater discharge – an additional source of phosphorus for the oligotrophic wetlands of the Everglades. <i>Hydrobiologia</i> , 2006, 569, 23-36.	2.0	93

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37	Textural and geochemical alternations in Late Cenozoic Bahamian dolomites. <i>Sedimentology</i> , 1988, 35, 385-403.	3.1	90
38	A high-resolution calibration of Sr/Ca thermometry using the Caribbean coral <i>Montastraea annularis</i> . <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-11.	2.5	89
39	Genesis and characterization of dolomite, Arab-D Reservoir, Ghawar field, Saudi Arabia. <i>Georabia</i> , 2004, 9, 11-36.	1.6	89
40	Mapping bathymetry and depositional facies on Great Bahama Bank. <i>Sedimentology</i> , 2015, 62, 566-589.	3.1	88
41	The stable oxygen and carbon isotopic record from a coral growing in Florida Bay: a 160 year record of climatic and anthropogenic influence. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996, 123, 219-237.	2.3	85
42	Carbon isotopic variation in spectral type II diamonds. <i>Nature</i> , 1983, 303, 791-792.	27.8	83
43	A METHOD FOR THE IDENTIFICATION AND ELIMINATION OF CONTAMINATION DURING CARBON ISOTOPIC ANALYSES OF EXTRATERRESTRIAL SAMPLES. <i>Meteoritics</i> , 1983, 18, 137-154.	1.4	82
44	Seasonal and spatial variation in the stable isotopic composition ($\delta^{18}\text{O}$ and $\delta^2\text{D}$) of precipitation in south Florida. <i>Journal of Hydrology</i> , 2008, 358, 193-205.	5.4	82
45	Evaluating the fidelity of the cerium paleoredox tracer during variable carbonate diagenesis on the Great Bahamas Bank. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 248, 25-42.	3.9	82
46	The carbon and nitrogen isotopic composition of ureilites: Implications for their genesis. <i>Geochimica Et Cosmochimica Acta</i> , 1985, 49, 903-915.	3.9	81
47	Uranium in scleractinian coral skeletons. <i>Coral Reefs</i> , 1982, 1, 13-19.	2.2	80
48	Mississippi River flood waters that reached the Gulf Stream. <i>Journal of Geophysical Research</i> , 1995, 100, 13595.	3.3	79
49	Paleolimnology of Lake Tanganyika, East Africa, over the past 100 kyr. <i>Journal of Paleolimnology</i> , 2003, 30, 139-150.	1.6	76
50	Refinement of Miocene sea level and monsoon events from the sedimentary archive of the Maldives (Indian Ocean). <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	74
51	A 240-Year Stable Oxygen and Carbon Isotopic Record in a Coral from South Florida: Implications for the Prediction of Precipitation in Southern Florida. <i>Palaios</i> , 1996, 11, 362.	1.3	73
52	Revised interpretations of stable C and O patterns in carbonate rocks resulting from meteoric diagenesis. <i>Sedimentary Geology</i> , 2018, 364, 14-23.	2.1	73
53	Controls of eustasy and diagenesis on the $^{238}\text{U}/^{235}\text{U}$ of carbonates and evolution of the seawater ($^{234}\text{U}/^{238}\text{U}$) during the last 1.4 Myr. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 242, 233-265.	3.9	73
54	Temporal and spatial variation in the $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ of coral tissue and zooxanthellae in <i>Montastraea faveolata</i> collected from the Florida reef tract. <i>Limnology and Oceanography</i> , 2005, 50, 1049-1058.	3.1	72

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55	Light Stable Isotopic Compositions of Enriched Mantle Sources: Resolving the Dehydration Paradox. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 3801-3839.	2.5	70
56	Determining the $\delta^{47}\text{Ca}$ acid fractionation in dolomites. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 42-53.	3.9	68
57	Geochemical evidence of microbial activity within ooids. <i>Sedimentology</i> , 2015, 62, 2090-2112.	3.1	66
58	High-resolution Sr/Ca records in sclerosponges calibrated to temperature in situ. <i>Geology</i> , 2004, 32, 145.	4.4	65
59	Growth rates of Florida corals from 1937 to 1996 and their response to climate change. <i>Nature Communications</i> , 2011, 2, 215.	12.8	63
60	Microbially mediated organomineralization in the formation of ooids. <i>Geology</i> , 2017, 45, 771-774.	4.4	62
61	Isotopic data for scleractinian corals explain their palaeotemperature uncertainties. <i>Nature</i> , 1980, 283, 557-559.	27.8	61
62	Tectonic-hydrothermal brecciation associated with calcite precipitation and permeability destruction in Mississippian carbonate reservoirs, Montana and Wyoming. <i>AAPG Bulletin</i> , 2006, 90, 1803-1841.	1.5	61
63	The stable carbon isotopic composition of organic material in platform derived sediments: implications for reconstructing the global carbon cycle. <i>Sedimentology</i> , 2012, 59, 319-335.	3.1	61
64	Species-specific responses to climate change and community composition determine future calcification rates of Florida Keys reefs. <i>Global Change Biology</i> , 2017, 23, 1023-1035.	9.5	61
65	Carbon isotopic variation within individual diamonds. <i>Nature</i> , 1983, 303, 793-795.	27.8	60
66	Use of tritium and helium to define groundwater flow conditions in Everglades National Park. <i>Water Resources Research</i> , 2003, 39, .	4.2	58
67	The strontium, magnesium and sodium composition of recent scleractinian coral skeletons as standards for palaeoenvironmental analysis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1981, 34, 115-136.	2.3	57
68	Use of strontium isotopes to constrain the timing and mode of dolomitization of upper Cenozoic sediments in a core from San Salvador, Bahamas. <i>Geology</i> , 1987, 15, 262.	4.4	52
69	The Use of Proxy Chemical Records in Coral Skeletons to Ascertain Past Environmental Conditions in Florida Bay. <i>Estuaries and Coasts</i> , 1999, 22, 384.	1.7	52
70	Holocene paleohydrology of Little Salt Spring, Florida, based on ostracod assemblages and stable isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 225, 134-156.	2.3	52
71	METEORIC AND MARINE-BURIAL DIAGENESIS IN THE SUBSURFACE OF GREAT BAHAMA BANK. , 2001, , 137-161.		51
72	The fertilization of the Bahamas by Saharan dust: A trigger for carbonate precipitation?. <i>Geology</i> , 2014, 42, 671-674.	4.4	50

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73	Isotopic behavior during the aragonite-calcite transition: Implications for sample preparation and proxy interpretation. <i>Chemical Geology</i> , 2016, 442, 130-138.	3.3	50
74	Evaluating new fault-controlled hydrothermal dolomitization models: Insights from the Cambrian Dolomite, Western Canadian Sedimentary Basin. <i>Sedimentology</i> , 2020, 67, 2945-2973.	3.1	48
75	Origin of salinity variations in Florida Bay. <i>Limnology and Oceanography</i> , 2002, 47, 1234-1241.	3.1	46
76	Uranium depletion across the Permian-Triassic boundary in Middle East carbonates: Signature of oceanic anoxia. <i>AAPG Bulletin</i> , 2008, 92, 691-707.	1.5	46
77	Dissolved carbon biogeochemistry and export in mangrove-dominated rivers of the Florida Everglades. <i>Biogeosciences</i> , 2017, 14, 2543-2559.	3.3	45
78	Water temperature as an indicator of environmental variability on a coral reef. <i>Limnology and Oceanography</i> , 1984, 29, 504-516.	3.1	43
79	Intra-annual variation in the stable oxygen and carbon and trace element composition of sclerosponges. <i>Paleoceanography</i> , 2002, 17, 17-1-17-12.	3.0	43
80	Determining Spatial and Temporal Inputs of Freshwater, Including Submarine Groundwater Discharge, to a Subtropical Estuary Using Geochemical Tracers, Biscayne Bay, South Florida. <i>Estuaries and Coasts</i> , 2009, 32, 694-708.	2.2	43
81	Evaluating formation fluid models and calibrations using clumped isotope paleothermometry on Bahamian dolomites. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 206, 73-93.	3.9	43
82	Hydrodynamic control of whittings on Great Bahama Bank. <i>Geology</i> , 2017, 45, 939-942.	4.4	43
83	Cryogenic brines as diagenetic fluids: Reconstructing the diagenetic history of the Victoria Land Basin using clumped isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 224, 154-170.	3.9	43
84	Carbonate delta drift: A new sediment drift type. <i>Marine Geology</i> , 2018, 401, 98-111.	2.1	42
85	Minor and trace elements in sclerosponge <i>Ceratoporella nicholsoni</i> : Biogenic aragonite near the inorganic endmember?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 228, 109-129.	2.3	41
86	Origin and evolution of fault-controlled hydrothermal dolomitization fronts: A new insight. <i>Earth and Planetary Science Letters</i> , 2020, 541, 116291.	4.4	41
87	D/H ratios in basalt glasses from the Salas y Gomez mantle plume interacting with the East Pacific Rise: Water from old D-rich recycled crust or primordial water from the lower mantle?. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-26.	2.5	40
88	The isotopic composition of respired carbon dioxide in scleractinian corals: Implications for cycling of organic carbon in corals. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 1495-1509.	3.9	40
89	A quantitative comparison of micro-CT preparations in Dipteran flies. <i>Scientific Reports</i> , 2016, 6, 39380.	3.3	39
90	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

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91	Geochemical fingerprints of dolomitization in Bahamian carbonates: Evidence from sulphur, calcium, magnesium and clumped isotopes. <i>Sedimentology</i> , 2021, 68, 1-29.	3.1	38
92	Penetrative calcretes and their stratigraphic implications. <i>Geology</i> , 1992, 20, 331.	4.4	37
93	Measurement of $\delta^{18}\text{O}$ and $\delta^2\text{H}$ values of fluid inclusion water in speleothems using cavity ring-down spectroscopy compared with isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2616-2624.	1.5	37
94	The effects of diagenesis on lithium isotope ratios of shallow marine carbonates. <i>Numerische Mathematik</i> , 2020, 320, 150-184.	1.4	37
95	The carbon and nitrogen isotopic values of particulate organic material from the Florida Keys: a temporal and spatial study. <i>Coral Reefs</i> , 2008, 27, 351-362.	2.2	36
96	Role of mangroves as nurseries for French grunt <i>Haemulon flavolineatum</i> and schoolmaster <i>Lutjanus apodus</i> assessed by otolith elemental fingerprints. <i>Marine Ecology - Progress Series</i> , 2010, 402, 197-212.	1.9	35
97	Constraints and interpretation of $^{87}\text{Sr}/^{86}\text{Sr}$ ratios in Cenozoic dolomites. <i>Geophysical Research Letters</i> , 1988, 15, 385-388.	4.0	34
98	Bahamian speleothem reveals temperature decrease associated with Heinrich stadials. <i>Earth and Planetary Science Letters</i> , 2015, 430, 377-386.	4.4	34
99	Isotopically distinguishable carbon phases in the Allende meteorite. <i>Nature</i> , 1982, 297, 381-383.	27.8	33
100	The oxygen and hydrogen isotopic composition of the Black Sea. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991, 38, S761-S772.	1.5	33
101	Geochemical evidence for groundwater behavior in an unconfined aquifer, south Florida. <i>Journal of Hydrology</i> , 1993, 148, 249-272.	5.4	33
102	Salinity change in the subtropical Atlantic: Secular increase and teleconnections to the North Atlantic Oscillation. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	33
103	Nitrogen and Carbon Isotopic Systematics of the Florida Reef Tract. <i>Bulletin of Marine Science</i> , 2012, 88, 119-146.	0.8	33
104	Evidence for high temperature and ^{18}O -enriched fluids in the Arabâ€š of the Ghawar Field, Saudi Arabia. <i>Sedimentology</i> , 2016, 63, 1739-1752.	3.1	33
105	The variable carbon isotopic composition of type 3 ordinary chondrites. <i>Journal of Geophysical Research</i> , 1982, 87, A289.	3.3	32
106	Decadal cyclicity of regional mid-Holocene precipitation: Evidence from Dominican coral proxies. <i>Paleoceanography</i> , 2006, 21, n/a-n/a.	3.0	32
107	Timing and local perturbations to the carbon pool in the lower Mississippian Madison Limestone, Montana and Wyoming. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 256, 231-253.	2.3	32
108	Speleothem records of glacial/interglacial climate from Iran forewarn of future Water Availability in the interior of the Middle East. <i>Quaternary Science Reviews</i> , 2017, 164, 187-198.	3.0	32

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109	Co-generation of hydrogen sulfide and methane in marine carbonate sediments. <i>Geophysical Research Letters</i> , 2001, 28, 3931-3934.	4.0	30
110	The fractionation of nitrogen and oxygen isotopes in macroalgae during the assimilation of nitrate. <i>Biogeosciences</i> , 2014, 11, 6147-6157.	3.3	30
111	Evidence for the removal of CFC-11, CFC-12, and CFC-113 at the groundwater-surface water interface in the Everglades. <i>Journal of Hydrology</i> , 2003, 279, 94-105.	5.4	29
112	$\delta^{13}\text{C}$ Stable Isotope Analysis of Atmospheric Oxygenated Volatile Organic Compounds by Gas Chromatography-Isotope Ratio Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 6797-6806.	6.5	29
113	The use of stable isotopes of oxygen and hydrogen to identify water sources in two hypersaline estuaries with different hydrologic regimes. <i>Marine and Freshwater Research</i> , 2012, 63, 952.	1.3	29
114	A diagenetic origin for isotopic variability of sediments deposited on the margin of Great Bahama Bank, insights from clumped isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 258, 97-119.	3.9	29
115	The source of the high heat and freshwater content of the upper ocean at the SHEBA site in the Beaufort Sea in 1997. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	28
116	The use of paleoceanographic proxies in carbonate periplatform settings—opportunities and pitfalls. <i>Sedimentary Geology</i> , 2005, 175, 131-152.	2.1	28
117	Leaf and root pectin methylesterase activity and $\delta^{13}\text{C}/\delta^{12}\text{C}$ stable isotopic ratio measurements of methanol emissions give insight into methanol production in <i>Lycopersicon esculentum</i> . <i>New Phytologist</i> , 2011, 191, 1031-1040.	7.3	28
118	Calcium isotopes in scleractinian fossil corals since the Mesozoic: Implications for vital effects and biomineralization through time. <i>Earth and Planetary Science Letters</i> , 2016, 444, 205-214.	4.4	28
119	Calibration of carbonate-water triple oxygen isotope fractionation: Seeing through diagenesis in ancient carbonates. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 288, 369-388.	3.9	28
120	Stress-tolerant corals of Florida Bay are vulnerable to ocean acidification. <i>Coral Reefs</i> , 2013, 32, 671-683.	2.2	27
121	The inversion of aragonite to calcite during the sampling of skeletal archives: Implications for proxy interpretation. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 955-964.	1.5	26
122	A two million year record of low-latitude aridity linked to continental weathering from the Maldives. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	26
123	Controls on the oxygen and hydrogen isotopic composition of the waters of Florida Bay, U.S.A.. <i>Chemical Geology: Isotope Geoscience Section</i> , 1989, 79, 113-123.	0.6	25
124	Geochemical indicators of groundwater recharge in the surficial aquifer system, Everglades National Park, Florida, USA. , 2006, , .		24
125	Impact of basin architecture on diagenesis and dolomitization in a fault-bounded carbonate platform: outcrop analogue of a pre-salt carbonate reservoir, Red Sea rift, NW Saudi Arabia. <i>Petroleum Geoscience</i> , 2020, 26, 448-461.	1.5	24
126	Diagenetic processes in Holocene carbonate sediments: Florida Bay mudbanks and islands. <i>Sedimentology</i> , 1992, 39, 285-304.	3.1	23

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127	Stable oxygen isotopic composition of corals from the Gulf of Guinea as indicators of periods of extreme precipitation conditions in the sub-Sahara. <i>Journal of Geophysical Research</i> , 1998, 103, 27885-27891.	3.3	23
128	Calibration of stable oxygen isotopes in <i>Siderastrea radians</i> (Cnidaria: Scleractinia): Implications for slow-growing corals. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	22
129	Multi-proxy evidence of millennial climate variability from multiple Bahamian speleothems. <i>Quaternary Science Reviews</i> , 2017, 161, 18-29.	3.0	22
130	Prehistoric cooking versus accurate palaeotemperature records in shell midden constituents. <i>Scientific Reports</i> , 2017, 7, 3555.	3.3	22
131	Sclerosponges may hold new keys to marine paleoclimate. <i>Eos</i> , 1998, 79, 633-633.	0.1	21
132	Proxy indicators of climate in coral skeletons: a perspective. <i>Coral Reefs</i> , 2003, 22, 313-315.	2.2	21
133	Variation and uncertainty in evaporation from a subtropical estuary: Florida Bay. <i>Estuaries and Coasts</i> , 2007, 30, 497-506.	2.2	20
134	Boron during meteoric diagenesis and its potential implications for Marinoan snowball Earth $\delta^{11}\text{B}$ -pH excursions. <i>Geology</i> , 2015, 43, 627-630.	4.4	20
135	Calibration of the ion microprobe for the quantitative determination of strontium, iron, manganese, and magnesium in carbonate minerals. <i>Analytical Chemistry</i> , 1990, 62, 722-728.	6.5	19
136	Calibration of sclerosponge oxygen isotope records to temperature using high-resolution $\delta^{18}\text{O}$ data. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 5308-5319.	3.9	19
137	Cyclic anoxia and organic rich carbonate sediments within a drowned carbonate platform linked to Antarctic ice volume changes: Late Oligocene-early Miocene Maldives. <i>Earth and Planetary Science Letters</i> , 2019, 521, 1-13.	4.4	19
138	CHRONOSTRATIGRAPHY OF A PROGRADED CARBONATE PLATFORM MARGIN: A RECORD OF DYNAMIC SLOPE SEDIMENTATION, WESTERN GREAT BAHAMA BANK. , 2001, , 101-134.		19
139	The carbon isotopic composition of individual petroleum lipids. <i>Organic Geochemistry</i> , 1984, 6, 665-670.	1.8	18
140	New Insights to the Use of Ethanol in Automotive Fuels: A Stable Isotopic Tracer for Fossil- and Bio-Fuel Combustion Inputs to the Atmosphere. <i>Environmental Science & Technology</i> , 2011, 45, 6661-6669.	10.0	18
141	A Kinetic Difference Between ^{12}C and ^{13}C Bound Oxygen Exchange Rates Results in Decoupled $\delta^{18}\text{O}$ and $\delta^{47}\text{S}$ Values of Equilibrating DIC Solutions. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2371-2383.	2.5	18
142	A calibration equation between $\delta^{48}\text{S}$ values of carbonate and temperature. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9147.	1.5	18
143	Cool-water carbonate sedimentology and eustasy; Pleistocene upper slope environments, Great Australian Bight (Site 1127, ODP LEG 182). <i>Sedimentary Geology</i> , 2005, 175, 169-188.	2.1	17
144	Evidence of multidecadal salinity variability in the eastern tropical North Atlantic. <i>Paleoceanography</i> , 2006, 21, .	3.0	17

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