

Improvements in ^{230}Th dating, ^{230}Th and ^{234}U half-life measurements by multi-collector inductively coupled p

Earth and Planetary Science Letters

371-372, 82-91

DOI: [10.1016/j.epsl.2013.04.006](https://doi.org/10.1016/j.epsl.2013.04.006)

Citation Report

#	ARTICLE	IF	CITATIONS
1	High-precision and high-resolution carbonate ^{230}Th dating by MC-ICP-MS with SEM protocols. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 99, 71-86.	1.6	277
2	Long-term reworking of volcanic ash deposited in the abyssal ocean based on uranium and thorium isotope measurements. <i>Journal of Volcanology and Geothermal Research</i> , 2013, 264, 66-71.	0.8	1
3	Quantifying errors in coral-based ENSO estimates: Toward improved forward modeling of $\delta^{18}\text{O}$. <i>Paleoceanography</i> , 2013, 28, 633-649.	3.0	21
4	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. <i>Radiocarbon</i> , 2013, 55, 1923-1945.	0.8	134
5	Application of U/Th and $^{40}\text{Ar}/^{39}\text{Ar}$ Dating to Orgnac 3, a Late Acheulean and Early Middle Palaeolithic Site in Ardèche, France. <i>PLoS ONE</i> , 2013, 8, e82394.	1.1	28
6	Holocene climate change, permafrost and cryogenic carbonate formation: insights from a recently deglaciated, high-elevation cave in the Austrian Alps. <i>Climate of the Past</i> , 2014, 10, 1349-1362.	1.3	17
7	Hydroclimate variability of the northwestern Amazon Basin near the Andean foothills of Peru related to the South American Monsoon System during the last 1600 years. <i>Climate of the Past</i> , 2014, 10, 1967-1981.	1.3	67
8	Stalagmite-inferred variability of the Asian summer monsoon during the penultimate glacial-interglacial period. <i>Climate of the Past</i> , 2014, 10, 1211-1219.	1.3	33
9	Variation in the Asian monsoon intensity and dry-wet conditions since the Little Ice Age in central China revealed by an aragonite stalagmite. <i>Climate of the Past</i> , 2014, 10, 1803-1816.	1.3	25
10	Carbonates, Speleothem Climatic (U-Series). , 2014, , 1-8.		0
11	^{238}U - ^{230}Th dating of chevkinite in high-silica rhyolites from La Primavera and Yellowstone calderas. <i>Chemical Geology</i> , 2014, 390, 109-118.	1.4	11
12	A modern framework for the interpretation of $^{238}\text{U}/^{235}\text{U}$ in studies of ancient ocean redox. <i>Earth and Planetary Science Letters</i> , 2014, 400, 184-194.	1.8	159
13	Quaternary extension in the Rio Grande rift at elevated strain rates recorded in travertine deposits, central New Mexico. <i>Lithosphere</i> , 2014, 6, 3-16.	0.6	31
14	Abandonment of Unaweep Canyon (1.4-0.8 Ma), western Colorado: Effects of stream capture and anomalously rapid Pleistocene river incision. , 2014, 10, 428-446.		19
15	Geochemical Evidence for Quaternary Sea-Level Changes. , 2014, , 355-372.		0
17	U-Series Dating. , 2014, , 1-24.		0
18	Controls on seawater ^{231}Pa , ^{230}Th and ^{232}Th concentrations along the flow paths of deep waters in the Southwest Atlantic. <i>Earth and Planetary Science Letters</i> , 2014, 390, 93-102.	1.8	55
19	Trace-element variations in an annually layered stalagmite as recorders of climatic changes and anthropogenic pollution in Central China. <i>Quaternary Research</i> , 2014, 81, 181-188.	1.0	33

#	ARTICLE	IF	CITATIONS
20	Late Pleistocene Human Skeleton and mtDNA Link Paleoamericans and Modern Native Americans. <i>Science</i> , 2014, 344, 750-754.	6.0	147
21	Introducing a Comprehensive Data Reduction and Uncertainty Propagation Algorithm for U-Th Geochronometry with Extraction Chromatography and Isotope Dilution <sc>MC</sc>-<sc>ICP</sc>-<sc>MS</sc>. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 129-148.	1.7	8
22	Quaternary climatic instability in south-east Australia from a multi-proxy speleothem record. <i>Journal of Quaternary Science</i> , 2014, 29, 589-596.	1.1	14
23	Coastal tectonics on the eastern margin of the Pacific Rim: late Quaternary sea-level history and uplift rates, Channel Islands National Park, California, USA. <i>Quaternary Science Reviews</i> , 2014, 105, 209-238.	1.4	62
24	LA-ICP-MS Pb-U dating of young zircons from the Kos-Nisyros volcanic centre, SE Aegean arc. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 963-970.	1.6	97
25	Variations in the uranium isotopic compositions of uranium ores from different types of uranium deposits. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 146, 1-17.	1.6	49
26	Diagenesis of speleothems and its effect on the accuracy of 230Th/U-ages. <i>Chemical Geology</i> , 2014, 387, 74-86.	1.4	44
27	Late Pleistocene zircon ages for intracaldera domes at Gökçüyük (Isparta, Turkey). <i>Journal of Volcanology and Geothermal Research</i> , 2014, 286, 24-29.	0.8	16
28	Multi-speleothem record reveals tightly coupled climate between central Europe and Greenland during Marine Isotope Stage 3. <i>Geology</i> , 2014, 42, 1043-1046.	2.0	77
29	In-situ 230Th/U dating of Quaternary zircons using LA-MCICPMS. <i>Quaternary Geochronology</i> , 2014, 23, 46-55.	0.6	32
30	230Th/U chronology of a paleolithic site at Xinglong Cave in the three-Gorge region of south China. <i>Quaternary Geochronology</i> , 2014, 24, 1-9.	0.6	7
31	Na, K, Ca, Mg, and U-series in fossil bone and the proposal of a radial diffusion-adsorption model of uranium uptake. <i>Journal of Environmental Radioactivity</i> , 2014, 136, 131-139.	0.9	8
32	Rise and fall of late Pleistocene pluvial lakes in response to reduced evaporation and precipitation: Evidence from Lake Surprise, California. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 1387-1415.	1.6	65
33	The importance of independent chronology in integrating records of past climate change for the 60-ka INTIMATE time interval. <i>Quaternary Science Reviews</i> , 2014, 106, 47-66.	1.4	64
34	Anomalous MIS 7 sea level recorded on Bermuda. <i>Quaternary Science Reviews</i> , 2014, 90, 47-59.	1.4	16
35	Age and weathering rate of sediments in small catchments: The role of hillslope erosion. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 132, 238-258.	1.6	46
36	A stalagmite record of abrupt climate change and possible Westerlies-derived atmospheric precipitation during the Penultimate Glacial Maximum in northern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 393, 30-44.	1.0	27
37	Neandertal roots: Cranial and chronological evidence from Sima de los Huesos. <i>Science</i> , 2014, 344, 1358-1363.	6.0	356

#	ARTICLE	IF	CITATIONS
38	Steady incision of Grand Canyon at the million year timeframe: A case for mantle-driven differential uplift. <i>Earth and Planetary Science Letters</i> , 2014, 397, 159-173.	1.8	37
39	Stable isotope composition alteration produced by the aragonite-to-calcite transformation in speleothems and implications for paleoclimate reconstructions. <i>Sedimentary Geology</i> , 2014, 309, 1-14.	1.0	47
40	Uncertainty propagation in nuclear forensics. <i>Applied Radiation and Isotopes</i> , 2014, 89, 58-64.	0.7	18
41	Timing and structure of Mega- δ ACZ events during Heinrich Stadial 1. <i>Geophysical Research Letters</i> , 2015, 42, 5477.	1.5	93
42	Abrupt changes in Indian summer monsoon strength during 33,800 to 5500 years B.P.. <i>Geophysical Research Letters</i> , 2015, 42, 5526-5532.	1.5	198
43	Climatic implications of the Quaternary fluvial tufa record in the NE Iberian Peninsula over the last 500 ka. <i>Quaternary Research</i> , 2015, 84, 398-414.	1.0	36
44	Holocene geologic slip rate for the Banning strand of the southern San Andreas Fault, southern California. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 5639-5663.	1.4	23
45	Recurrent spring-fed rivers in a Middle to Late Pleistocene semi-arid grassland: Implications for environments of early humans in the Lake Victoria Basin, Kenya. <i>Sedimentology</i> , 2015, 62, 1611-1635.	1.6	26
46	Large variations of $\delta^{13}C$ values in stalagmites from southeastern China during historical times: implications for anthropogenic deforestation. <i>Boreas</i> , 2015, 44, 511-525.	1.2	28
47	Solar influence and hydrological variability during the Holocene from a speleothem annual record (Molinos Cave, NE Spain). <i>Terra Nova</i> , 2015, 27, 300-311.	0.9	16
48	Temporal Variations of Radiocarbon Reservoir Ages in the South Pacific Ocean during the Holocene. <i>Radiocarbon</i> , 2015, 57, 507-515.	0.8	10
49	Non-linear regime shifts in Holocene Asian monsoon variability: potential impacts on cultural change and migratory patterns. <i>Climate of the Past</i> , 2015, 11, 709-741.	1.3	55
50	Climate significance of speleothem $\delta^{18}O$ from central China on decadal timescale. <i>Journal of Asian Earth Sciences</i> , 2015, 106, 150-155.	1.0	31
51	Gypsum caves as indicators of climate-driven river incision and aggradation in a rapidly uplifting region. <i>Geology</i> , 2015, 43, 539-542.	2.0	41
52	Changes in climate and vegetation of central Guizhou in southwest China since the last glacial reflected by stalagmite records from Yelang Cave. <i>Journal of Asian Earth Sciences</i> , 2015, 114, 549-561.	1.0	29
53	Assessing coral Sr/Ca SST calibration techniques using the species <i>Diploria strigosa</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 440, 353-362.	1.0	20
54	Metrology and traceability of U-Pb isotope dilution geochronology (EARTHTIME Tracer Calibration) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	323
55	Lake Level Reconstruction for 12.8-2.3 ka of the Ngangla Ring Tso Closed-Basin Lake System, Southwest Tibetan Plateau. <i>Quaternary Research</i> , 2015, 83, 66-79.	1.0	67

#	ARTICLE	IF	CITATIONS
56	Cyclic precipitation variation on the western Loess Plateau of China during the past four centuries. <i>Scientific Reports</i> , 2014, 4, 6381.	1.6	60
57	The terrestrial uranium isotope cycle. <i>Nature</i> , 2015, 517, 356-359.	13.7	142
58	Variability of stalagmite-inferred Indian monsoon precipitation over the past 252,000 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2954-2959.	3.3	233
59	U–Th–Pb zircon geochronology by ID-TIMS, SIMS, and laser ablation ICP-MS: Recipes, interpretations, and opportunities. <i>Chemical Geology</i> , 2015, 402, 89-110.	1.4	204
60	The mathematical basis for the US-ESR dating method. <i>Quaternary Geochronology</i> , 2015, 30, 1-8.	0.6	21
61	Uranium isotopic compositions of the crust and ocean: Age corrections, U budget and global extent of modern anoxia. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 167, 113-143.	1.6	178
62	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
63	Termination-II interstadial/stadial climate change recorded in two stalagmites from the north European Alps. <i>Quaternary Science Reviews</i> , 2015, 127, 229-239.	1.4	57
64	Reconciliation of hydroclimate sequences from the Chinese Loess Plateau and low-latitude East Asian Summer Monsoon regions over the past 14,500 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 127-135.	1.0	82
65	A high-resolution fluid inclusion $\delta^{18}O$ record from a stalagmite in SW France: modern calibration and comparison with multiple proxies. <i>Quaternary Science Reviews</i> , 2015, 110, 152-165.	1.4	27
66	Recent advances and future prospects of the U–Th and U–Pb chronometers applicable to archaeology. <i>Journal of Archaeological Science</i> , 2015, 56, 32-40.	1.2	33
67	Cova del Rinoceront (Castelldefels, Barcelona): a terrestrial record for the Last Interglacial period (MIS 5) in the Mediterranean coast of the Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2015, 114, 203-227.	1.4	35
68	Late Quaternary sea-level history and the antiquity of mammoths (<i>Mammuthus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 Td (exilis Research, 2015, 83, 502-521.	1.0	45
69	Extreme rainfall activity in the Australian tropics reflects changes in the El Niño/Southern Oscillation over the last two millennia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4576-4581.	3.3	64
70	The "chimney forest" of the deep Montenegrin margin, south-eastern Adriatic Sea. <i>Marine and Petroleum Geology</i> , 2015, 66, 542-554.	1.5	38
71	On and off the beaten track: Megafaunal sessile life and Adriatic cascading processes. <i>Marine Geology</i> , 2015, 369, 273-274.	0.9	8
72	Thorium isotopes tracing the iron cycle at the Hawaii Ocean Time-series Station ALOHA. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 169, 1-16.	1.6	55
73	Evaluating uncertainties in the calibration of isotopic reference materials and multi-element isotopic tracers (EARTHTIME Tracer Calibration Part II). <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 481-501.	1.6	213

#	ARTICLE	IF	CITATIONS
74	Uranium-series ages of fossil corals from Mallorca, Spain: The "Neotyrrenian" high stand of the Mediterranean Sea revisited. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 438, 408-424.	1.0	28
75	Geochemistry and mineralogy of a silica chimney from an inactive seafloor hydrothermal field (East) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	14
76	Resolving discordant U-Th-Ra ages: constraints on petrogenetic processes of recent effusive eruptions at Tatum Volcano Group, northern Taiwan. <i>Geological Society Special Publication</i> , 2015, 422, 175-188.	0.8	12
77	Early-middle Holocene relative sea-level oscillation events recorded in a submerged speleothem from the Yucatán Peninsula, Mexico. <i>Holocene</i> , 2015, 25, 1511-1521.	0.9	25
78	Triple isotope (δD , $\delta^{17}O$, $\delta^{18}O$) study on precipitation, drip water and speleothem fluid inclusions for a Western Central European cave (NW Switzerland). <i>Quaternary Science Reviews</i> , 2015, 127, 73-89.	1.4	56
79	Variable Holocene deformation above a shallow subduction zone extremely close to the trench. <i>Nature Communications</i> , 2015, 6, 7607.	5.8	17
80	Geoarchaeological finds below Liang Bua (Flores, Indonesia): A split-level cave system for <i>Homo floresiensis</i> ?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 440, 533-550.	1.0	6
81	Great Basin hydrology, paleoclimate, and connections with the North Atlantic: A speleothem stable isotope and trace element record from Lehman Caves, NV. <i>Quaternary Science Reviews</i> , 2015, 127, 186-198.	1.4	21
82	The uncertainty of the half-life. <i>Metrologia</i> , 2015, 52, S51-S65.	0.6	81
83	Coral boulders along the coast of the Lanyu Island, offshore southeastern Taiwan, as potential paleotsunami records. <i>Journal of Asian Earth Sciences</i> , 2015, 114, 588-600.	1.0	6
84	Timing and nature of the penultimate deglaciation in a high alpine stalagmite from Switzerland. <i>Quaternary Science Reviews</i> , 2015, 126, 264-275.	1.4	25
85	The earliest unequivocally modern humans in southern China. <i>Nature</i> , 2015, 526, 696-699.	13.7	354
86	Stalagmite records of hydroclimate in central California during termination 1. <i>Quaternary Science Reviews</i> , 2015, 127, 199-214.	1.4	38
87	1.32 \pm 0.11 Ma age for underwater remains constrain antiquity and longevity of the Dominican primate <i>Antillothrix bernensis</i> . <i>Journal of Human Evolution</i> , 2015, 88, 85-96.	1.3	20
88	Constraints on the timing of Quaternary volcanism and duration of magma residence at Cjomadul volcano, east-central Europe, from combined U-Th/He and U-Th zircon geochronology. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 301, 66-80.	0.8	51
89	The U-Th-Pb systematics of zircon from the Bishop Tuff: A case study in challenges to high-precision Pb/U geochronology at the millennial scale. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 168, 88-110.	1.6	32
90	Mid-Holocene drying of the U.S. Great Basin recorded in Nevada speleothems. <i>Quaternary Science Reviews</i> , 2015, 127, 174-185.	1.4	49
91	Speleothems. , 2015, , 291-318.		0

#	ARTICLE	IF	CITATIONS
92	No late Quaternary strike-slip motion along the northern Karakoram fault. <i>Earth and Planetary Science Letters</i> , 2015, 409, 290-298.	1.8	27
93	Upper Pleistocene interstratal piping-cave speleogenesis: The Seso Cave System (Central Pyrenees). <i>Tectonophysics</i> , 2016, 638, 1-10.	1.1	10
95	The climate reconstruction in Shandong Peninsula, northern China, during the last millennium based on stalagmite laminae together with a comparison to <i>Journal of Quaternary Science</i> , 2016, 31, 871-881.	1.3	14
96	Paleoclimate in continental northwestern Europe during the Eemian and early Weichselian (125â€“97â€“ka): insights from a Belgian speleothem. <i>Climate of the Past</i> , 2016, 12, 1445-1458.	1.3	27
97	Evidence of a prolonged drought ca. 4200â€“yrâ€“BP correlated with prehistoric settlement abandonment from the Gueldaman GLD1 Cave, Northern Algeria. <i>Climate of the Past</i> , 2016, 12, 1-14.	1.3	55
98	Determination of aragonite trace element distribution coefficients from speleothem calciteâ€“aragonite transitions. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 190, 347-367.	1.6	55
99	Pollen from accurately dated speleothems supports alpine glacier low-stands during the early Holocene. <i>Quaternary Research</i> , 2016, 86, 45-53.	1.0	13
100	High-resolution Holocene South American monsoon history recorded by a speleothem from BotuverÃ¡ Cave, Brazil. <i>Earth and Planetary Science Letters</i> , 2016, 450, 186-196.	1.8	101
101	Strong coupling of Asian Monsoon and Antarctic climates on sub-orbital timescales. <i>Scientific Reports</i> , 2016, 6, 32995.	1.6	44
102	Onset and duration of transitions into Greenland Interstadials 15.2 and 14 in northern China constrained by an annually laminated stalagmite. <i>Scientific Reports</i> , 2016, 6, 20844.	1.6	28
103	Reprint of 'On and off the beaten track: Megafaunal sessile life and Adriatic cascading processes'. <i>Marine Geology</i> , 2016, 375, 146-160.	0.9	53
104	Stalagmite growth perturbations from the Kumaun Himalaya as potential earthquake recorders. <i>Journal of Seismology</i> , 2016, 20, 579-594.	0.6	18
105	Early Neanderthal constructions deep in Bruniquel Cave in southwestern France. <i>Nature</i> , 2016, 534, 111-114.	13.7	210
106	The role of skeletal micro-architecture in diagenesis and dating of <i>Acropora palmata</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2016, 183, 153-175.	1.6	19
107	Precisely dated multidecadally resolved Asian summer monsoon dynamics 113.5â€“86.6 thousand years ago. <i>Quaternary Science Reviews</i> , 2016, 143, 1-12.	1.4	21
108	Testing models of thorium and particle cycling in the ocean using data from station GT11-22 of the U.S. GEOTRACES North Atlantic section. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 113, 57-79.	0.6	19
109	Paleo-watertable definition using cave ferromanganese stromatolites and associated cave-wall notches (Sierra de Arnero, Spain). <i>Geomorphology</i> , 2016, 261, 57-75.	1.1	8
110	Zircon U/Th model ages in the presence of melt heterogeneity. <i>Quaternary Geochronology</i> , 2016, 34, 69-74.	0.6	12

#	ARTICLE	IF	CITATIONS
111	Hydrothermal fluids circulation and travertine deposition in an active tectonic setting: Insights from the Kamara geothermal area (western Anatolia, Turkey). <i>Tectonophysics</i> , 2016, 680, 211-232.	0.9	58
112	Preliminary Figures of Merit for Isotope Ratio Measurements: The Liquid Sampling-Atmospheric Pressure Glow Discharge Microplasma Ionization Source Coupled to an Orbitrap Mass Analyzer. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1393-1403.	1.2	33
113	Thorium. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-3.	0.1	1
114	Earliest direct evidence of monument building at the archaeological site of Nan Madol (Pohnpei), Tj ETQq1 1 0.784314 rgBT /Overlock architectural stone. <i>Quaternary Research</i> , 2016, 86, 295-303.	1.0	20
115	Two million years of river and cave aggradation in NE Brazil: Implications for speleogenesis and landscape evolution. <i>Geomorphology</i> , 2016, 273, 63-77.	1.1	23
116	Antarctic link with East Asian summer monsoon variability during the Heinrich Stadialâ€“BÃ¼lling interstadial transition. <i>Earth and Planetary Science Letters</i> , 2016, 453, 243-251.	1.8	36
117	A new record of a Scelidotheriine ground sloth (<i>Xenarthra</i> , <i>Mylodontidae</i>) from Central Brazil: Quaternary cave stratigraphy, taxonomy and stable isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 461, 253-260.	1.0	3
118	Centennial-scale solar forcing of the South American Monsoon System recorded in stalagmites. <i>Scientific Reports</i> , 2016, 6, 24762.	1.6	71
119	Isotope ratio characteristics and sensitivity for uranium determinations using a liquid sampling-atmospheric pressure glow discharge ion source coupled to an Orbitrap mass analyzer. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 2355-2362.	1.6	31
120	A novel approach for construction of radiocarbon-based chronologies for speleothems. <i>Quaternary Geochronology</i> , 2016, 35, 54-66.	0.6	15
121	â€œCrypticâ€•diagenesis and its implications for speleothem geochronologies. <i>Quaternary Science Reviews</i> , 2016, 148, 17-28.	1.4	64
122	Holocene changes in monsoon precipitation in the Andes of NE Peru based on $\delta^{18}O$ speleothem records. <i>Quaternary Science Reviews</i> , 2016, 146, 274-287.	1.4	44
123	North Atlantic ecosystem sensitivity to Holocene shifts in Meridional Overturning Circulation. <i>Geophysical Research Letters</i> , 2016, 43, 291-298.	1.5	10
124	Episodic speleothem deposition tracks the terrestrial impact of millennial-scale last glacial climate variability in SW Ireland. <i>Quaternary Science Reviews</i> , 2016, 152, 104-117.	1.4	22
125	A comparison of ^{14}C dates from ^{14}C and rapidâ€“screen ^{14}C dates from ^{14}C in ^{14}C island fossil corals. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 833-845.	1.0	16
126	Indian monsoon variability on millennial-orbital timescales. <i>Scientific Reports</i> , 2016, 6, 24374.	1.6	194
127	Climate variations of Central Asia on orbital to millennial timescales. <i>Scientific Reports</i> , 2016, 6, 36975.	1.6	136
128	Tracing dust input to the global ocean using thorium isotopes in marine sediments: ThoroMap. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1526-1541.	1.9	55

#	ARTICLE	IF	CITATIONS
129	Western Pacific hydroclimate linked to global climate variability over the past two millennia. <i>Nature Communications</i> , 2016, 7, 11719.	5.8	83
130	Response to Comments on "Reconciliation of the Devils Hole climate record with orbital forcing". <i>Science</i> , 2016, 354, 296-296.	6.0	1
131	Multi-scale Holocene Asian monsoon variability deduced from a twin-stalagmite record in southwestern China. <i>Quaternary Research</i> , 2016, 86, 34-44.	1.0	10
132	Timescales of storage and recycling of crystal mush at Krafla Volcano, Iceland. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	24
133	Insights into methane dynamics from analysis of authigenic carbonates and chemosynthetic mussels at newly-discovered Atlantic Margin seeps. <i>Earth and Planetary Science Letters</i> , 2016, 449, 332-344.	1.8	57
134	Closing in on the marine ^{238}U / ^{235}U budget. <i>Chemical Geology</i> , 2016, 420, 11-22.	1.4	92
135	Modern aragonite formation at near-freezing conditions in an alpine cave, Carnic Alps, Austria. <i>Chemical Geology</i> , 2016, 435, 60-70.	1.4	23
136	Coral indicators of past sea-level change: A global repository of U-series dated benchmarks. <i>Quaternary Science Reviews</i> , 2016, 145, 1-56.	1.4	116
137	New Thorium Isotope Ratio Measurements in Silicate Reference Materials: THO , AGV , BCR , BE , BHVO and BIR . <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 239-256.		9
138	Multi-scale Holocene Asian monsoon variability deduced from a twin-stalagmite record in southwestern China. <i>Quaternary Research</i> , 2016, 86, 34-44.	1.0	21
139	An extended yardstick for climate variability. <i>Nature</i> , 2016, 534, 626-627.	13.7	2
140	The Asian monsoon over the past 640,000 years and ice age terminations. <i>Nature</i> , 2016, 534, 640-646.	13.7	956
141	$^{230}\text{Th}/\text{U}$ dating of Last Interglacial brain corals from Bonaire (southern Caribbean) using bulk and theca wall material. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 178, 20-40.	1.6	59
142	Archeological deposits at Abric Roman extend to 110 ka: U-series dating of a newly cored, 30 meter-thick section. <i>Journal of Archaeological Science: Reports</i> , 2016, 5, 400-406.	0.2	15
143	Chronology for the Cueva Victoria fossil site (SE Spain): Evidence for Early Pleistocene Afro-Iberian dispersals. <i>Journal of Human Evolution</i> , 2016, 90, 183-197.	1.3	70
144	Fluid source and methane-related diagenetic processes recorded in cold seep carbonates from the Alvheim channel, central North Sea. <i>Chemical Geology</i> , 2016, 432, 16-33.	1.4	64
145	A Cenozoic seawater redox record derived from $^{238}\text{U}/^{235}\text{U}$ in ferromanganese crusts. <i>Numerische Mathematik</i> , 2016, 316, 64-83.	0.7	70
146	Marine anoxia and delayed Earth system recovery after the end-Permian extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2360-2365.	3.3	228

#	ARTICLE	IF	CITATIONS
147	Rapid human-induced landscape transformation in Madagascar at the end of the first millennium of the Common Era. <i>Quaternary Science Reviews</i> , 2016, 134, 92-99.	1.4	94
148	Thermal ionisation mass spectrometry (TIMS) in nuclear science and technology – a review. <i>Analytical Methods</i> , 2016, 8, 942-957.	1.3	65
149	Remeasurement of ²³⁴ U Half-Life. <i>Analytical Chemistry</i> , 2016, 88, 2763-2769.	3.2	4
150	Contribution of ENSO variability to the East Asian summer monsoon in the late Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 510-519.	1.0	48
151	High-resolution speleothem record of precipitation from the Yucatan Peninsula spanning the Maya Preclassic Period. <i>Global and Planetary Change</i> , 2016, 138, 93-102.	1.6	49
152	Age of the Laschamp excursion determined by U-Th dating of a speleothem geomagnetic record from North America. <i>Geology</i> , 2016, 44, 139-142.	2.0	54
153	IUPAC-IUGS status report on the half-lives of ²³⁸ U, ²³⁵ U and ²³⁴ U. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 172, 387-392.	1.6	30
154	Reconciliation of the Devils Hole climate record with orbital forcing. <i>Science</i> , 2016, 351, 165-168.	6.0	44
155	Natural attrition and growth frequency variations of stalagmites in southwest Sulawesi over the past 530,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 823-833.	1.0	26
156	Precise oxygen and hydrogen isotope determination in nanoliter quantities of speleothem inclusion water by cavity ring-down spectroscopic techniques. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 172, 159-176.	1.6	28
157	Comment on: “Uranium–thorium dating method and Palaeolithic rock art” by Sauvet et al. (2015, in) <i>Terra Nova</i> , 2016, 28, 1-2.	0.7	2
158	Decreasing monsoon precipitation in southwest China during the last 240 years associated with the warming of tropical ocean. <i>Climate Dynamics</i> , 2017, 48, 1769-1778.	1.7	72
159	U-series and ESR/U-series dating of the <i>Stegodon</i> – <i>Ailuropoda</i> fauna at Black Cave, Guangxi, southern China with implications for the timing of the extinction of <i>Gigantopithecus blacki</i> . <i>Quaternary International</i> , 2017, 434, 65-74.	0.7	12
160	Plasma source mass spectrometry for radioactive waste characterisation in support of nuclear decommissioning: a review. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 494-526.	1.6	65
161	Efficacy of ²³⁰ Th normalization in sediments from the Juan de Fuca Ridge, northeast Pacific Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 197, 215-225.	1.6	29
162	Coastal uplift rate at Matanzas (Cuba) inferred from ^{5e} MIS phreatic overgrowths on speleothems. <i>Terra Nova</i> , 2017, 29, 98-105.	0.9	13
163	Multiple proxy analyses of a U/Th-dated stalagmite to reconstruct paleoenvironmental changes in northwestern Madagascar between 370 CE and 1300 CE. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 469, 138-155.	1.0	43
164	Uranium Isotope Fractionation. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 82, 799-850.	2.2	139

#	ARTICLE	IF	CITATIONS
165	Evolution of the alluvial fans of the Luo River in the Weihe Basin, central China, controlled by faulting and climate change - A reevaluation of the paleogeographical setting of Dali Man site. <i>Quaternary Science Reviews</i> , 2017, 166, 339-351.	1.4	16
166	Hydroclimate changes across the Amazon lowlands over the past 45,000 years. <i>Nature</i> , 2017, 541, 204-207.	13.7	263
167	Holocene moisture changes in western China, Central Asia, inferred from stalagmites. <i>Quaternary Science Reviews</i> , 2017, 158, 15-28.	1.4	124
168	Uranium stable isotope fractionation in the Black Sea: Modern calibration of the $^{238}\text{U}/^{235}\text{U}$ paleo-redox proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 203, 69-88.	1.6	92
169	Key travertine tectofacies for neotectonics and palaeoseismicity reconstruction: effects of hydrothermal overpressured fluid injection. <i>Journal of the Geological Society</i> , 2017, 174, 679-699.	0.9	33
170	The nature of annual lamination in carbonate flowstones from non-karstic fractures, Vinschgau (northern Italy). <i>Chemical Geology</i> , 2017, 457, 1-14.	1.4	5
171	Speleothem Architectural Analysis: Integrated approach for stalagmite-based paleoclimate research. <i>Sedimentary Geology</i> , 2017, 353, 28-45.	1.0	28
172	In-situ high spatial resolution LA-MC-ICPMS $^{230}\text{Th}/\text{U}$ dating enables detection of small-scale age inversions in speleothems. <i>Solid Earth Sciences</i> , 2017, 2, 1-9.	0.8	12
173	Stalagmite-inferred centennial variability of the Asian summer monsoon in southwest China between 58 and 79 Åka BP. <i>Quaternary Science Reviews</i> , 2017, 160, 1-12.	1.4	26
174	Magmatic-like fluid source of the Chingshui geothermal field, NE Taiwan evidenced by carbonate clumped-isotope paleothermometry. <i>Journal of Asian Earth Sciences</i> , 2017, 149, 124-133.	1.0	15
175	Exploring the dating of "dirty" speleothems and cave sinters using radiocarbon dating of preserved organic matter. <i>Quaternary Geochronology</i> , 2017, 39, 92-98.	0.6	10
176	Late Holocene droughts in the Fertile Crescent recorded in a speleothem from northern Iraq. <i>Geophysical Research Letters</i> , 2017, 44, 1528-1536.	1.5	38
177	Reading a 400,000-year record of earthquake frequency for an intraplate fault. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4893-4898.	3.3	50
178	Kinetics of thorium and particle cycling along the U.S. GEOTRACES North Atlantic Transect. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 125, 106-128.	0.6	21
179	A 130,000-year-old archaeological site in southern California, USA. <i>Nature</i> , 2017, 544, 479-483.	13.7	179
180	$^{230}\text{Th}/^{238}\text{U}$ dating of hydrothermal sulfides from Duanqiao hydrothermal field, Southwest Indian Ridge. <i>Marine Geophysical Researches</i> , 2017, 38, 71-83.	0.5	29
181	A new approach for constraining the magnitude of initial disequilibrium in Quaternary zircons by coupled uranium and thorium decay series dating. <i>Quaternary Geochronology</i> , 2017, 38, 1-12.	0.6	76
182	High precision U/Th dating of the rock paintings at Mt. Huashan, Guangxi, southern China. <i>Quaternary Research</i> , 2017, 88, 1-13.	1.0	57

#	ARTICLE	IF	CITATIONS
183	Speleothems as high-resolution paleoflood archives. <i>Quaternary Science Reviews</i> , 2017, 170, 1-13.	1.4	26
184	Uranium comminution age responds to erosion rate semi-quantitatively. <i>Acta Geochimica</i> , 2017, 36, 426-428.	0.7	6
185	Evolution of the Asian summer monsoon during Dansgaard/Oeschger events 13â€“17 recorded in a stalagmite constrained by high-precision chronology from southwest China. <i>Quaternary Research</i> , 2017, 88, 121-128.	1.0	16
186	Holocene warming in western continental Eurasia driven by glacial retreat and greenhouse forcing. <i>Nature Geoscience</i> , 2017, 10, 430-435.	5.4	90
187	A geochemical approach to distinguishing competing tectono-magmatic processes preserved in small eruptive centres. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	1.2	18
188	Early last glacial intra-interstadial climate variability recorded in a Sardinian speleothem. <i>Quaternary Science Reviews</i> , 2017, 169, 391-397.	1.4	27
189	Uranium comminution age tested by the eolian deposits on the Chinese Loess Plateau. <i>Earth and Planetary Science Letters</i> , 2017, 467, 64-71.	1.8	25
190	The Preboreal-like Asian monsoon climate in the early last interglacial period recorded from the Dark Cave, Southwest China. <i>Journal of Asian Earth Sciences</i> , 2017, 143, 39-44.	1.0	7
191	The 5400 a BP extreme weakening event of the Asian summer monsoon and cultural evolution. <i>Science China Earth Sciences</i> , 2017, 60, 1171-1182.	2.3	25
192	Data reporting standards for publication of U-series data for geochronology and timescale assessment in the earth sciences. <i>Quaternary Geochronology</i> , 2017, 39, 142-149.	0.6	23
193	Seismic Hazards Implications of Uplifted Pleistocene Coral Terraces in the Gulf of Aqaba. <i>Scientific Reports</i> , 2017, 7, 38.	1.6	23
194	Hemispherically in-phase precipitation variability over the last 1700 years in a Madagascar speleothem record. <i>Quaternary Science Reviews</i> , 2017, 164, 25-36.	1.4	47
195	Sensitivity of Bunker Cave to climatic forcings highlighted through multi-annual monitoring of rain-, soil-, and dripwaters. <i>Chemical Geology</i> , 2017, 449, 194-205.	1.4	32
196	Radiometric, isotopic, and petrographic evidence of changing interglacials over the past 550,000 years from six stalagmites from the Serra do Courel in the Cordillera Cantbrica of northwestern Spain. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 466, 137-152.	1.0	13
197	Miocene humid intervals and establishment of drainage networks by 23 Ma in the central Sahara, southern Libya. <i>Gondwana Research</i> , 2017, 45, 118-137.	3.0	9
198	Geochemistry of speleothems affected by aragonite to calcite recrystallization â€“ Potential inheritance from the precursor mineral. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 200, 310-329.	1.6	26
199	The evolution of the Great Barrier Reef during the Last Interglacial Period. <i>Global and Planetary Change</i> , 2017, 149, 53-71.	1.6	31
200	Late quaternary speleogenesis and landscape evolution in the northern Apennine evaporite areas. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1447-1459.	1.2	23

#	ARTICLE	IF	CITATIONS
201	Correlation-based interpretations of paleoclimate data “ where statistics meet past climates. <i>Earth and Planetary Science Letters</i> , 2017, 459, 362-371.	1.8	56
202	Artists before Columbus: A multi-method characterization of the materials and practices of Caribbean cave art. <i>Journal of Archaeological Science</i> , 2017, 88, 24-36.	1.2	15
203	Millennial-scale variability in the local radiocarbon reservoir age of south Florida during the Holocene. <i>Quaternary Geochronology</i> , 2017, 42, 130-143.	0.6	14
204	New evidence of Hawaiian coral reef drowning in response to meltwater pulse-1A. <i>Quaternary Science Reviews</i> , 2017, 175, 60-72.	1.4	15
205	Last glacial and Holocene stable isotope record of fossil dripwater from subtropical Brazil based on analysis of fluid inclusions in stalagmites. <i>Chemical Geology</i> , 2017, 468, 84-96.	1.4	9
206	A stalactite record of four relative sea-level highstands during the Middle Pleistocene Transition. <i>Quaternary Science Reviews</i> , 2017, 173, 92-100.	1.4	19
207	U concentration and $^{234}\text{U}/^{238}\text{U}$ of seawater from the Okinawa Trough and Indian Ocean using MC-ICPMS with SEM protocols. <i>Marine Chemistry</i> , 2017, 196, 71-80.	0.9	14
208	Lithostratigraphy and physical properties of lacustrine sediments of the last ca. 150 kyr from Chalco basin, central México. <i>Journal of South American Earth Sciences</i> , 2017, 79, 507-524.	0.6	26
209	Late Holocene reef ecosystem baseline: Field evidence from the raised reef terraces of Kodakara and Kikai Islands, Ryukyu Islands, Japan. <i>Quaternary International</i> , 2017, 455, 8-17.	0.7	2
210	U-Th chronology and formation controls of methane-derived authigenic carbonates from the Høla trough seep area, northern Norway. <i>Chemical Geology</i> , 2017, 470, 164-179.	1.4	23
211	A penultimate glacial climate record from southern Hungary. <i>Journal of Quaternary Science</i> , 2017, 32, 946-956.	1.1	21
212	Holocene moisture variations over the arid central Asia revealed by a comprehensive sand-dune record from the central Tian Shan, NW China. <i>Quaternary Science Reviews</i> , 2017, 174, 13-32.	1.4	108
213	Climatic and in-cave influences on $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ in a stalagmite from northeastern India through the last deglaciation. <i>Quaternary Research</i> , 2017, 88, 458-471.	1.0	32
214	New dating evidence of the early presence of hominins in Southern Europe. <i>Scientific Reports</i> , 2017, 7, 10074.	1.6	40
215	Synchronous precipitation reduction in the American Tropics associated with Heinrich 2. <i>Scientific Reports</i> , 2017, 7, 11216.	1.6	19
216	Abrupt climate changes during Termination III in Southern Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10047-10052.	3.3	26
217	New speleothem data from Molinos and Ejulve caves reveal Holocene hydrological variability in northeast Iberia. <i>Quaternary Research</i> , 2017, 88, 223-233.	1.0	28
218	High-resolution $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ records of an AMS ^{14}C and $^{230}\text{Th}/\text{U}$ dated stalagmite from Xinya Cave in Chongqing: Climate and vegetation change during the late Holocene. <i>Quaternary International</i> , 2017, 447, 75-88.	0.7	13

#	ARTICLE	IF	CITATIONS
219	The East Asian summer monsoon variability over the last 145 years inferred from the Shihua Cave record, North China. <i>Scientific Reports</i> , 2017, 7, 7078.	1.6	44
220	Extrapolar climate reversal during the last deglaciation. <i>Scientific Reports</i> , 2017, 7, 7157.	1.6	9
221	Investigating the use of $^{232}\text{Th}/^{230}\text{Th}$ as a dust proxy using co-located seawater and sediment samples from the low-latitude North Atlantic. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 214, 143-156.	1.6	7
222	Speleothem records decadal to multidecadal hydroclimate variations in southwestern Morocco during the last millennium. <i>Earth and Planetary Science Letters</i> , 2017, 476, 1-10.	1.8	30
223	Reconstruction of Indian monsoon precipitation variability between 4.0 and 1.6 ka BP using speleothem $\delta^{18}\text{O}$ records from the Central Lesser Himalaya, India. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	19
224	The Indian monsoon variability and civilization changes in the Indian subcontinent. <i>Science Advances</i> , 2017, 3, e1701296.	4.7	188
225	Late Quaternary uplift along the North America-Caribbean plate boundary: Evidence from the sea level record of Guantanamo Bay, Cuba. <i>Quaternary Science Reviews</i> , 2017, 178, 54-76.	1.4	13
226	US-DOE and CIAE international cooperation in age-dating uranium standards. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 2469-2474.	0.7	10
227	1000-Year Quasi-Periodicity of Weak Monsoon Events in Temperate Northeast Asia since the Mid-Holocene. <i>Scientific Reports</i> , 2017, 7, 15196.	1.6	24
228	High precision U-series dating of scleractinian cold-water corals using an automated chromatographic U and Th extraction. <i>Chemical Geology</i> , 2017, 475, 140-148.	1.4	47
229	Stable C, O and clumped isotope systematics and ^{14}C geochronology of carbonates from the Quaternary Chewaucan closed-basin lake system, Great Basin, USA: Implications for paleoenvironmental reconstructions using carbonates. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 212, 274-302.	1.6	25
230	Estimating the upper limit of prehistoric peak ground acceleration using an in situ, intact and vulnerable stalagmite from Plavecká priepast cave (Detreká-i-zsomboly), Little Carpathians, Slovakia—first results. <i>Journal of Seismology</i> , 2017, 21, 1111-1130.	0.6	22
231	Indian summer monsoon variability in southern India during the last deglaciation: Evidence from a high resolution stalagmite $\delta^{18}\text{O}$ record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 476-485.	1.0	10
232	Variations of monsoonal rain and vegetation during the past millennium in Tiangui Mountain, North China reflected by stalagmite $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ records from Zhenzhu Cave. <i>Quaternary International</i> , 2017, 447, 89-101.	0.7	18
233	Distinct $^{238}\text{U}/^{235}\text{U}$ ratios and REE patterns in plutonic and volcanic angrites: Geochronologic implications and evidence for U isotope fractionation during magmatic processes. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 593-617.	1.6	47
234	Climate response to the 8.2 ka event in coastal California. <i>Scientific Reports</i> , 2017, 7, 3886.	1.6	28
235	Occurrence of 1 ka-old corals on an uplifted reef terrace in west Luzon, Philippines: Implications for a prehistoric extreme wave event in the South China Sea region. <i>Geoscience Letters</i> , 2017, 4, .	1.3	21
236	Paleospring tufa deposition in the Kurkur Oasis region and implications for tributary integration with the River Nile in southern Egypt. <i>Journal of African Earth Sciences</i> , 2017, 136, 239-251.	0.9	22

#	ARTICLE	IF	CITATIONS
237	Coherency of late Holocene European speleothem $\delta^{18}\text{O}$ records linked to North Atlantic Ocean circulation. <i>Climate Dynamics</i> , 2017, 49, 595-618.	1.7	39
238	Precipitation evolution of Central Asia during the last 5000 years. <i>Holocene</i> , 2017, 27, 142-154.	0.9	75
239	Holocene climate variability in Central Germany and a potential link to the polar North Atlantic: A replicated record from three coeval speleothems. <i>Holocene</i> , 2017, 27, 509-525.	0.9	19
240	Drivers of Holocene sea-level change in the Caribbean. <i>Quaternary Science Reviews</i> , 2017, 155, 13-36.	1.4	124
241	Application of combined U-Th-disequilibrium/U-Pb and (U-Th)/He zircon dating to tephrochronology. <i>Quaternary Geochronology</i> , 2017, 40, 23-32.	0.6	57
242	$\delta^{18}\text{O}$, $\delta^{13}\text{C}$, elemental content and depositional features of a stalagmite from Yelang Cave reflecting climate and vegetation changes since late Pleistocene in central Guizhou, China. <i>Quaternary International</i> , 2017, 452, 102-115.	0.7	11
243	Revealing the pace of river landscape evolution during the Quaternary: recent developments in numerical dating methods. <i>Quaternary Science Reviews</i> , 2017, 166, 91-113.	1.4	62
244	U/Th and $\delta^{14}\text{C}$ Crossdating of Parietal Calcite Deposits: Application to Nerja Cave (Andalusia, Spain) and Future Perspectives. <i>Radiocarbon</i> , 2017, 59, 1955-1967.	0.8	20
245	Climate and Environment Reconstructions Based on Speleothems from the Levant. , 0, , 151-164.		8
247	The age of Homo naledi and associated sediments in the Rising Star Cave, South Africa. <i>ELife</i> , 2017, 6, .	2.8	214
248	Retrograde Accretion of a Caribbean Fringing Reef Controlled by Hurricanes and Sea-level Rise. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	26
249	Late Bronze Age climate change and the destruction of the Mycenaean Palace of Nestor at Pylos. <i>PLoS ONE</i> , 2017, 12, e0189447.	1.1	79
250	Three distinct Holocene intervals of stalagmite deposition and nondeposition revealed in NW Madagascar, and their paleoclimate implications. <i>Climate of the Past</i> , 2017, 13, 1771-1790.	1.3	23
252	Hydrological variations of the intermediate water masses of the western Mediterranean Sea during the past 20 ka inferred from neodymium isotopic composition in foraminifera and cold-water corals. <i>Climate of the Past</i> , 2017, 13, 17-37.	1.3	27
253	Hydroclimate of the Last Glacial Maximum and deglaciation in southern Australia's arid margin interpreted from speleothem records (23-15 ka). <i>Climate of the Past</i> , 2017, 13, 667-687.	1.3	56
254	U-Pb Dating of Cave Spar: A New Shallow Crust Landscape Evolution Tool. <i>Tectonics</i> , 2018, 37, 208-223.	1.3	8
255	Variable uplift rate through time: Holocene coral reef and neotectonics of Lutao, eastern Taiwan. <i>Journal of Asian Earth Sciences</i> , 2018, 156, 201-206.	1.0	6
256	Speleothem evidence for the greening of the Sahara and its implications for the early human dispersal out of sub-Saharan Africa. <i>Quaternary Science Reviews</i> , 2018, 188, 67-76.	1.4	34

#	ARTICLE	IF	CITATIONS
257	Speleothems in a north Cuban cave register sea-level changes and Pleistocene uplift rates. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 2313-2326.	1.2	20
258	IsoplotR: A free and open toolbox for geochronology. <i>Geoscience Frontiers</i> , 2018, 9, 1479-1493.	4.3	1,505
259	Earthquakes as collapse precursors at the Han-sur-Lesse Cave in the Belgian Ardennes. <i>Geomorphology</i> , 2018, 308, 13-24.	1.1	14
260	Nucleosynthesis and Nuclear Decay. , 0, , 1-12.		0
262	U-Series Dating. , 0, , 306-332.		0
263	Reappraisal of Los Humeros Volcanic Complex by New U/Th Zircon and ⁴⁰ Ar/ ³⁹ Ar Dating: Implications for Greater Geothermal Potential. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 132-149.	1.0	51
264	Carbon stable isotope record in the coral species <i>Siderastrea stellata</i> : A link to the Suess Effect in the tropical South Atlantic Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 497, 82-90.	1.0	9
265	Mid- to late-Holocene archaeology, environment and climate in the northeast Kurdistan region of Iraq. <i>Holocene</i> , 2018, 28, 955-967.	0.9	15
266	Seawater ²³⁴ U/ ²³⁸ U recorded by modern and fossil corals. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 224, 1-17.	1.6	38
267	Tropical Indo-Pacific hydroclimate response to North Atlantic forcing during the last deglaciation as recorded by a speleothem from Sumatra, Indonesia. <i>Earth and Planetary Science Letters</i> , 2018, 492, 264-278.	1.8	44
268	The first direct ESR dating of a hominin tooth from Atapuerca Gran Dolina TD-6 (Spain) supports the antiquity of <i>Homo antecessor</i> . <i>Quaternary Geochronology</i> , 2018, 47, 120-137.	0.6	48
269	Climate dynamics during the penultimate glacial period recorded in a speleothem from Kanaan Cave, Lebanon (central Levant). <i>Quaternary Research</i> , 2018, 90, 10-25.	1.0	13
270	Abrupt monsoonal shifts over the precessional cycles documented in Yongxing Cave in China during the antepenultimate glacial period. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	4
271	Redox changes in a seafloor hydrothermal system recorded in hematite-chalcopyrite chimneys. <i>Chemical Geology</i> , 2018, 483, 351-371.	1.4	12
272	Chronology of the Acheulean to Middle Stone Age transition in eastern Africa. <i>Science</i> , 2018, 360, 95-98.	6.0	73
273	South American monsoon response to iceberg discharge in the North Atlantic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3788-3793.	3.3	84
274	LA-ICP-MS and SIMS U-Pb and U-Th zircon geochronological data of Late Pleistocene lava domes of the Ciomadul Volcanic Dome Complex (Eastern Carpathians). <i>Data in Brief</i> , 2018, 18, 808-813.	0.5	9
275	The timing, two-pulsed nature, and variable climatic expression of the 4.2 ka event: A review and new high-resolution stalagmite data from Namibia. <i>Quaternary Science Reviews</i> , 2018, 186, 78-90.	1.4	63

#	ARTICLE	IF	CITATIONS
276	High-resolution mid-Holocene Indian Summer Monsoon recorded in a stalagmite from the Kotumsar Cave, Central India. <i>Quaternary International</i> , 2018, 479, 19-24.	0.7	40
277	Formation of methane-derived carbonates during the last glacial period on the northern slope of the South China Sea. <i>Journal of Asian Earth Sciences</i> , 2018, 168, 173-185.	1.0	25
278	Rapid retreat of the East Asian summer monsoon in the middle Holocene and a millennial weak monsoon interval at 9â€ka in northern China. <i>Journal of Asian Earth Sciences</i> , 2018, 151, 31-39.	1.0	37
279	Intense hydrothermal scavenging of ²³⁰ Th and ²³¹ Pa in the deep Southeast Pacific. <i>Marine Chemistry</i> , 2018, 201, 212-228.	0.9	42
280	Multi-scale variability of the Asian monsoon recorded in an annually-banded stalagmite during the Neoglacial from Qixing Cave, Southwestern China. <i>Quaternary International</i> , 2018, 487, 78-86.	0.7	9
281	Seafloor authigenic carbonate crusts along the submerged part of the North Anatolian Fault in the Sea of Marmara: Mineralogy, geochemistry, textures and genesis. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 153, 92-109.	0.6	12
282	Ion microprobe $\delta^{18}O$ analyses to calibrate slow growth rate speleothem records with regional $\delta^{18}O$ records of precipitation. <i>Earth and Planetary Science Letters</i> , 2018, 482, 367-376.	1.8	14
283	Stalagmites from western Thailand: preliminary investigations and challenges for palaeoenvironmental research. <i>Boreas</i> , 2018, 47, 367-376.	1.2	9
284	Geochronology Applied to Glacial Environments. , 2018, , 665-687.		0
285	Calcite veining and feeding conduits in a hydrothermal system: Insights from a natural section across the Pleistocene Gâ€lemezli travertine depositional system (western Anatolia, Turkey). <i>Sedimentary Geology</i> , 2018, 364, 180-203.	1.0	36
286	Sulfate-dependent anaerobic oxidation of methane at a highly dynamic bubbling site in the Eastern Sea of Marmara (Aâ€ınarcik Basin). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 153, 79-91.	0.6	11
287	Centennial- to decadal-scale monsoon precipitation variations in the upper Hanjiang River region, China over the past 6650 years. <i>Earth and Planetary Science Letters</i> , 2018, 482, 580-590.	1.8	93
288	Sea-level history and tectonic uplift during the last-interglacial period (LIG): Inferred from the Bab al-Mandab coral reef terraces, southern Red Sea. <i>Journal of African Earth Sciences</i> , 2018, 138, 133-148.	0.9	7
289	The lateâ€stage â€ferruginizationâ€ of the Ediacara Member (Rawnsley Quartzite, South Australia): Insights from uranium isotopes. <i>Geobiology</i> , 2018, 16, 35-48.	1.1	16
290	Radiocarbon and Stable Isotope Evidence for Changes in Sediment Mixing in the North Pacific over the Past 30 kyr. <i>Radiocarbon</i> , 2018, 60, 113-135.	0.8	7
291	Coupled Mo-U abundances and isotopes in a small marine euxinic basin: Constraints on processes in euxinic basins. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 222, 212-229.	1.6	75
292	East Asian summer monsoon variations during the last deglaciation, recorded from a stalagmite at Linyi, northern China. <i>Quaternary International</i> , 2018, 464, 327-335.	0.7	7
293	A new thorium-229 reference material. <i>Applied Radiation and Isotopes</i> , 2018, 134, 23-31.	0.7	11

#	ARTICLE	IF	CITATIONS
294	Magnetostratigraphy and ^{230}Th dating of a drill core from the southeastern Qaidam Basin: Salt lake evolution and tectonic implications. <i>Geoscience Frontiers</i> , 2018, 9, 943-953.	4.3	7
295	Carving Grand Canyon's inner gorge: A test of steady incision versus rapid knickzone migration. , 2018, 14, 2140-2156.		1
296	Evolution of ^{231}Pa and ^{230}Th in overflow waters of the North Atlantic. <i>Biogeosciences</i> , 2018, 15, 7299-7313.	1.3	12
297	Connecting the Greenland ice-core and ^{230}Th timescales via cosmogenic radionuclides: testing the synchronicity of Dansgaard-Oeschger events. <i>Climate of the Past</i> , 2018, 14, 1755-1781.	1.3	62
298	The Lowest Boundary Age of Travertine in Dawanzhangjia Ravine, Huanglong, China. <i>Acta Geologica Sinica</i> , 2018, 92, 879-880.	0.8	3
299	Le syst�me karstique de Sprimont (Belgique). Holotype d'une sp�cimen par fant�misation. <i>Bulletin - Soci�t� Geologique De France</i> , 2018, 189, 1.	0.9	7
300	^{230}Th isotopic microanalysis of zircon reference materials and KBSI working standards. <i>Journal of Analytical Science and Technology</i> , 2018, 9, .	1.0	3
301	Miocene-Pleistocene deformation of the Saddle Mountains: Implications for seismic hazard in central Washington, USA. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 411-437.	1.6	5
302	Climate variability on the Adriatic seaboard during the last glacial inception and MIS 5c from Frasassi Cave stalagmite record. <i>Quaternary Science Reviews</i> , 2018, 201, 349-361.	1.4	12
303	Hydro-climatic variability in the southwestern Indian Ocean between 6000 and 3000 years ago. <i>Climate of the Past</i> , 2018, 14, 1881-1891.	1.3	18
304	Atmospheric $^{14}\text{C}/^{12}\text{C}$ changes during the last glacial period from Hulu Cave. <i>Science</i> , 2018, 362, 1293-1297.	6.0	86
305	Evaluating the timing and structure of the 4.2ka event in the Indian summer monsoon domain from an annually resolved speleothem record from Northeast India. <i>Climate of the Past</i> , 2018, 14, 1869-1879.	1.3	64
306	Hydroclimatic variations in southeastern China during the 4.2ka event reflected by stalagmite records. <i>Climate of the Past</i> , 2018, 14, 1805-1817.	1.3	50
307	Speleothem record of geomagnetic South Atlantic Anomaly recurrence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13198-13203.	3.3	24
308	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.	1.6	73
309	Paleoclimate change in Ethiopia around the last interglacial derived from annually-resolved stalagmite evidence. <i>Quaternary Science Reviews</i> , 2018, 202, 197-210.	1.4	15
310	Global seawater redox trends during the Late Devonian mass extinction detected using U isotopes of marine limestones. <i>Earth and Planetary Science Letters</i> , 2018, 503, 68-77.	1.8	62
311	Relative sea-level change during the Last Interglacial as recorded in Bahamian fossil reefs. <i>Quaternary Science Reviews</i> , 2018, 200, 160-177.	1.4	16

#	ARTICLE	IF	CITATIONS
312	Climate history of the southwestern United States based on Estancia Basin hydrologic variability from 69 to 10 ka. <i>Quaternary Science Reviews</i> , 2018, 200, 237-252.	1.4	12
313	Enhanced climate instability in the North Atlantic and southern Europe during the Last Interglacial. <i>Nature Communications</i> , 2018, 9, 4235.	5.8	94
314	Moisture availability in the southwest United States over the last three glacial-interglacial cycles. <i>Science Advances</i> , 2018, 4, eaau1375.	4.7	18
315	Comment on "The earliest modern humans outside Africa". <i>Science</i> , 2018, 362, .	6.0	11
316	Pre-Solutrean rock art in southernmost Europe: Evidence from Las Ventanas Cave (Andalusia, Spain). <i>PLoS ONE</i> , 2018, 13, e0204651.	1.1	4
317	Modern to Glacial age subglacial meltwater drainage at Law Dome, coastal East Antarctica from topography, sediments and $\delta^{18}O$ observations. <i>Geological Society Special Publication</i> , 2018, 461, 215-230.	0.8	6
318	East Asian hydroclimate modulated by the position of the westerlies during Termination I. <i>Science</i> , 2018, 362, 580-583.	6.0	190
319	^{230}Th in the eastern South Pacific Ocean: Boundary scavenging and bottom scavenging by metal oxides derived from hydrothermal vents. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 139, 79-87.	0.6	1
320	High-resolution reconstruction of 8.2 ka BP event documented in Pire Noire cave, southern Belgium. <i>Journal of Quaternary Science</i> , 2018, 33, 840-852.	1.1	12
321	Preparation and certification of the uranium nitrate solution reference materials series IRMM-2019 to IRMM-2029 for the isotopic composition. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1359-1368.	0.7	13
322	Structural controls on seepage of thermogenic and microbial methane since the last glacial maximum in the Harstad Basin, southwest Barents Sea. <i>Marine and Petroleum Geology</i> , 2018, 98, 569-581.	1.5	16
323	Noble gas based temperature reconstruction on a Swiss stalagmite from the last glacial-interglacial transition and its comparison with other climate records. <i>Earth and Planetary Science Letters</i> , 2018, 495, 192-201.	1.8	15
324	Landmark of the past in the Antequera megalithic landscape: A multi-disciplinary approach to the Matababras rock art shelter. <i>Journal of Archaeological Science</i> , 2018, 95, 76-93.	1.2	24
325	Precipitation changes over the eastern Bolivian Andes inferred from speleothem ($\delta^{18}O$) records for the last 1400 years. <i>Earth and Planetary Science Letters</i> , 2018, 494, 124-134.	1.8	33
326	Asian monsoon dynamics at Dansgaard/Oeschger events 14 and Heinrich events 5 in northern China. <i>Quaternary Geochronology</i> , 2018, 47, 72-80.	0.6	19
327	Abrupt global-ocean anoxia during the Late Ordovician-early Silurian detected using uranium isotopes of marine carbonates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5896-5901.	3.3	118
328	Hominin expansion into Central Asia during the last interglacial. <i>Earth and Planetary Science Letters</i> , 2018, 494, 148-152.	1.8	7
329	Imprint of Holocene Climate Variability on Cold-Water Coral Reef Growth at the SW Rockall Trough Margin, NE Atlantic. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2437-2452.	1.0	9

#	ARTICLE	IF	CITATIONS
330	A database of biological and geomorphological sea-level markers from the Last Glacial Maximum to present. <i>Scientific Data</i> , 2018, 5, 180088.	2.4	18
331	Younger Dryas to Early Holocene paleoclimate in Cantabria (N Spain): Constraints from speleothem Mg, annual fluorescence banding and stable isotope records. <i>Quaternary Science Reviews</i> , 2018, 192, 71-85.	1.4	26
332	Palaeoclimate significance of speleothems in crystalline rocks: a test case from the Late Glacial and early Holocene (Vinschgau, northern Italy). <i>Climate of the Past</i> , 2018, 14, 369-381.	1.3	6
333	Can vein-filling speleothems constrain the timing of deep-seated gravitational slope deformation? A case study from the Vinschgau (Italian Alps). <i>Landslides</i> , 2018, 15, 2243-2254.	2.7	2
334	Timing and duration of the East Asian summer monsoon maximum during the Holocene based on stalagmite data from North China. <i>Holocene</i> , 2018, 28, 1631-1641.	0.9	36
335	Eruptive chronology and tectonic context of the late Pleistocene Tres Vargenes volcanic complex, Baja California Sur (Mexico). <i>Journal of Volcanology and Geothermal Research</i> , 2018, 360, 100-125.	0.8	22
336	Late Quaternary uplift across northwest Luzon Island, Philippines constrained from emergent coral reef terraces. <i>Earth Surface Processes and Landforms</i> , 2018, 43, 3114-3132.	1.2	5
337	Microatolls document the 1762 and prior earthquakes along the southeast coast of Bangladesh. <i>Tectonophysics</i> , 2018, 745, 196-213.	0.9	17
338	Chemical separation and MC-ICPMS analysis of U, Th, Pa and Ra isotope ratios of carbonates. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1372-1383.	1.6	5
339	High resolution monsoon precipitation changes on southeastern Tibetan Plateau over the past 2300 years. <i>Quaternary Science Reviews</i> , 2018, 195, 122-132.	1.4	93
340	Two Millennia of South Atlantic Convergence Zone Variability Reconstructed From Isotopic Proxies. <i>Geophysical Research Letters</i> , 2018, 45, 5045-5051.	1.5	53
341	A 200-year annually laminated stalagmite record of precipitation seasonality in southeastern China and its linkages to ENSO and PDO. <i>Scientific Reports</i> , 2018, 8, 12344.	1.6	45
342	Temperature control of cold-water coral (<i>Lophelia</i>) mound growth by climate-cycle forcing, Northeast Gulf of Mexico. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 140, 142-158.	0.6	8
343	Weathering dynamics reflected by the response of riverine uranium isotope disequilibrium to changes in denudation rate. <i>Earth and Planetary Science Letters</i> , 2018, 500, 136-144.	1.8	17
344	Paleoproductivity and Stratification Across the Subarctic Pacific Over Glacial-Interglacial Cycles. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 914-933.	1.3	12
345	Multidecadally resolved polarity oscillations during a geomagnetic excursion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8913-8918.	3.3	16
346	Late Palaeolithic cave art and permafrost in the Southern Ural. <i>Scientific Reports</i> , 2018, 8, 12080.	1.6	16
347	Temperature and seawater isotopic controls on two stalagmite records since 83 ka from maritime Japan. <i>Quaternary Science Reviews</i> , 2018, 192, 47-58.	1.4	12

#	ARTICLE	IF	CITATIONS
348	Holocene relative sea-level records from coral microatolls in Western Borneo, South China Sea. <i>Holocene</i> , 2018, 28, 1431-1442.	0.9	14
349	Quantification of paleo-aquifer changes using clumped isotopes in subaqueous carbonate speleothems. <i>Chemical Geology</i> , 2018, 493, 246-257.	1.4	18
350	Aragonite-calcite veins of the Erzberg iron ore deposit (Austria): Environmental implications from young fractures. <i>Sedimentology</i> , 2019, 66, 604-635.	1.6	11
351	Quaternary integrative stratigraphy and timescale of China. <i>Science China Earth Sciences</i> , 2019, 62, 324-348.	2.3	57
352	Patterns and controls of disequilibrium isotope effects in speleothems: Insights from an isotope-enabled diffusion-reaction model and implications for quantitative thermometry. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 267, 196-226.	1.6	45
353	A multi-methodological approach to reconstruct the configuration of a travertine fissure ridge system: The case of the Cukor quarry (Stt, Gerecse Hills, Hungary). <i>Geomorphology</i> , 2019, 345, 106836.	1.1	13
354	East Asian summer monsoon climates and cave hydrological cycles over Dansgaard-Oeschger events 14 to 11 revealed by a new stalagmite record from Hulu Cave. <i>Quaternary Research</i> , 2019, 92, 725-737.	1.0	7
355	Behavior of the ²³⁸ U, ²³⁵ U, and ²³⁴ U Isotopes at Weathering of Volcanic Rocks with U Mineralization: A Case Study at the Tulukuevskoe Deposit, Eastern Transbaikalia. <i>Petrology</i> , 2019, 27, 407-424.	0.2	5
356	Rare earth and alkali elements in stalagmites, as markers of Mediterranean environmental changes during Termination I. <i>Chemical Geology</i> , 2019, 525, 414-423.	1.4	4
357	A long record of MIS 7 and MIS 5 climate and environment from a western Mediterranean speleothem (SW Sardinia, Italy). <i>Quaternary Science Reviews</i> , 2019, 220, 230-243.	1.4	27
358	Onset and demise of coral reefs, relationship with regional ocean circulation on the Wyville Thomson Ridge. <i>Marine Geology</i> , 2019, 416, 105969.	0.9	4
359	Optimization of the sample preparation and measurement protocol for the analysis of uranium isotopes by MC-ICP-MS without spike addition. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1882-1891.	1.6	14
360	Discharge of Meteoric Water in the Eastern Norwegian Sea since the Last Glacial Period. <i>Geophysical Research Letters</i> , 2019, 46, 8194-8204.	1.5	26
361	Eastern North American climate in phase with fall insolation throughout the last three glacial-interglacial cycles. <i>Earth and Planetary Science Letters</i> , 2019, 522, 125-134.	1.8	13
362	A southern and northern control on speleothem-based Asian summer monsoon variability during MIS 4. <i>Quaternary Research</i> , 2019, 92, 738-753.	1.0	1
363	Corrections for initial isotopic disequilibrium in the speleothem U-Pb dating method. <i>Quaternary Geochronology</i> , 2019, 54, 101009.	0.6	10
364	The Asian Summer Monsoon: Teleconnections and Forcing Mechanisms—A Review from Chinese Speleothem $\delta^{18}O$ Records. <i>Quaternary</i> , 2019, 2, 26.	1.0	68
365	²³⁰ Th/U burial dating of ostrich eggshell. <i>Quaternary Science Reviews</i> , 2019, 219, 263-276.	1.4	16

#	ARTICLE	IF	CITATIONS
366	SISAL: Bringing Added Value to Speleothem Research. <i>Quaternary</i> , 2019, 2, 7.	1.0	17
367	Distinct Permafrost Conditions Across the Last Two Glacial Periods in Midlatitude North America. <i>Geophysical Research Letters</i> , 2019, 46, 13318-13326.	1.5	12
368	New insights into the Holocene development history of a Pacific, low-lying coral reef island: Takapoto Atoll, French Polynesia. <i>Quaternary Science Reviews</i> , 2019, 223, 105947.	1.4	16
369	Role of climate in the rise and fall of the Neo-Assyrian Empire. <i>Science Advances</i> , 2019, 5, eaax6656.	4.7	66
370	Control of insolation on stalagmite growth, rainfall, and migration of the tropical rain belt in northern Namibia over the last 100 kyr, as suggested by a rare MIS 5b-5c stalagmite from Dante Cave. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 535, 109348.	1.0	4
371	Local and Regional Indian Summer Monsoon Precipitation Dynamics During Termination II and the Last Interglacial. <i>Geophysical Research Letters</i> , 2019, 46, 12454-12463.	1.5	15
372	Preservation of Cyanobacterial UV-Radiation Shielding Pigment Scytonemin in Carbonate Ooids Formed in Pleistocene Salt Lakes in the Qaidam Basin, Tibetan Plateau. <i>Geophysical Research Letters</i> , 2019, 46, 10375-10383.	1.5	11
373	A geochemical approach to reconstruct modern dust fluxes and sources to the South Pacific. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 264, 205-223.	1.6	16
374	Rainfall variations in central Indo-Pacific over the past 2,700 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17201-17206.	3.3	73
375	A 160,000-year-old history of tectonically controlled methane seepage in the Arctic. <i>Science Advances</i> , 2019, 5, eaaw1450.	4.7	60
376	A High-Resolution Speleothem Record of Marine Isotope Stage 11 as a Natural Analog to Holocene Asian Summer Monsoon Variations. <i>Geophysical Research Letters</i> , 2019, 46, 9949-9957.	1.5	12
377	The penultimate deglaciation: protocol for Paleoclimate Modelling Intercomparison Project (PMIP) phase 4 transient numerical simulations between 140 and 127 ka, version 1.0. <i>Geoscientific Model Development</i> , 2019, 12, 3649-3685.	1.3	26
378	Abrupt changes in Indian summer monsoon strength during the last ~900 years and their linkages to socio-economic conditions in the Indian subcontinent. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 536, 109347.	1.0	25
379	Relationship between the Asian summer monsoon circulation and speleothem $\delta^{18}O$ of Xiaobailong cave. <i>Climate Dynamics</i> , 2019, 53, 6351-6362.	1.7	16
380	Assessing the growth rate of the South Atlantic coral species <i>Mussismilia hispida</i> (Verrill, 1902) using carbon and oxygen stable isotopes. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102346.	0.6	2
381	Chinese stalagmite paleoclimate researches: A review and perspective. <i>Science China Earth Sciences</i> , 2019, 62, 1489-1513.	2.3	96
382	Constraints on global mean sea level during Pliocene warmth. <i>Nature</i> , 2019, 574, 233-236.	13.7	78
383	Orbital-to-millennial scale climate variability during Marine Isotope Stages 5 to 3 in northeast Iberia. <i>Quaternary Science Reviews</i> , 2019, 224, 105946.	1.4	16

#	ARTICLE	IF	CITATIONS
384	Vegetation and Climate Change in Southwestern Australia During the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2019, 46, 1709-1720.	1.5	24
385	The antiquity of Nullarbor speleothems and implications for karst palaeoclimate archives. <i>Scientific Reports</i> , 2019, 9, 603.	1.6	26
386	Geochemical and isotopic (U, Th) variations in lake waters in the Qinghai Lake Basin, Northeast Qinghai-Tibet Plateau, China: origin and paleoenvironmental implications. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	10
387	Three-phased Heinrich Stadial 4 recorded in NE Brazil stalagmites. <i>Earth and Planetary Science Letters</i> , 2019, 510, 94-102.	1.8	19
388	Competing Temperature and Atmospheric Circulation Effects on Southwest Madagascan Rainfall During the Last Deglaciation. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 275-286.	1.3	11
389	Relict landslide development as inferred from speleothem deformation, tectonic data, and geoelectrics. <i>Geomorphology</i> , 2019, 330, 116-128.	1.1	21
390	230Th dating of coral abraders from stratified deposits at Tangatatau Rockshelter, Mangaia, Cook Islands: Implications for building precise chronologies in Polynesia. <i>Journal of Archaeological Science</i> , 2019, 101, 21-33.	1.2	11
391	Considerations for uranium isotope ratio analysis by atmospheric pressure ionization mass spectrometry. <i>The Analyst</i> , 2019, 144, 317-323.	1.7	6
392	A multi-dating approach to age-modelling long continental records: The 135 ka El Cañizar de Villarquemado sequence (NE Spain). <i>Quaternary Geochronology</i> , 2019, 54, 101006.	0.6	13
393	Giant tufas of Lake Van record lake-level fluctuations and climatic changes in eastern Anatolia, Turkey. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 533, 109226.	1.0	7
394	Central Europe temperature constrained by speleothem fluid inclusion water isotopes over the past 14,000 years. <i>Science Advances</i> , 2019, 5, eaav3809.	4.7	81
395	Millennial-scale glacial climate variability in Southeastern Alaska follows Dansgaard-Oeschger cyclicity. <i>Scientific Reports</i> , 2019, 9, 7880.	1.6	11
396	Insights into the speleogenesis of Ejulve cave (Iberian Range, NE Spain): quaternary hydrothermal karstification?. <i>Journal of Iberian Geology</i> , 2019, 45, 511-527.	0.7	4
397	Geomorphic and stratigraphic evidence of Quaternary diapiric activity enhanced by fluvial incision. Navarrá's salt wall and graben system, SE Spain. <i>Geomorphology</i> , 2019, 342, 176-195.	1.1	9
398	First ROV Exploration of the Perth Canyon: Canyon Setting, Faunal Observations, and Anthropogenic Impacts. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	17
399	Uranium series dating of speleothems. , 2019, , 1096-1102.		4
400	Speleoseismological Constraints on Ground Shaking Threshold and Seismogenic Sources in the Pollino Range (Calabria, Southern Italy). <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 5192-5216.	1.4	12
401	Modelling the 14C bomb-pulse in young speleothems using a soil carbon continuum model. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 261, 342-367.	1.6	18

#	ARTICLE	IF	CITATIONS
402	Timing and structure of the weak Asian Monsoon event about 73,000 years ago. <i>Quaternary Geochronology</i> , 2019, 53, 101003.	0.6	11
403	New U–Pb zircon ages and a revised integrated age model for the late Miocene northern Taranaki coastal section, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 357-370.	1.0	7
404	U-Th and radiocarbon dating of calcite speleothems from gypsum caves (Emilia Romagna, North Italy). <i>Quaternary Geochronology</i> , 2019, 52, 51-62.	0.6	7
405	Relict Pleistocene calcareous tufa of the Chlupáňova sluj Cave, the Bohemian Karst, Czech Republic: A petrographic and geochemical record of hydrologically-driven cave evolution. <i>Sedimentary Geology</i> , 2019, 385, 110-125.	1.0	3
406	Changes in the Asian monsoon climate during the late last interglacial recorded in oxygen isotopes of a stalagmite from the Yongxing Cave, central China. <i>Journal of Asian Earth Sciences</i> , 2019, 179, 211-218.	1.0	9
407	U/Th dating records of cold-water coral colonization in submarine canyons and adjacent sectors of the southern Adriatic Sea since the Last Glacial Maximum. <i>Progress in Oceanography</i> , 2019, 175, 300-308.	1.5	14
408	Shallow particulate organic carbon regeneration in the South Pacific Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9753-9758.	3.3	41
409	A late Middle Pleistocene Denisovan mandible from the Tibetan Plateau. <i>Nature</i> , 2019, 569, 409-412.	13.7	302
410	High-resolution synchrotron X-ray fluorescence investigation of calcite coralloid speleothems: Elemental incorporation and their potential as environmental archives. <i>Sedimentology</i> , 2019, 66, 2661-2685.	1.6	13
411	Constraining the Early Eruptive History of the Mono Craters Rhyolites, California, Based on ²³⁸ U– ²³⁰ Th Isochron Dating of Their Explosive and Effusive Products. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1539-1556.	1.0	14
412	Age of the dacite of Sunset Amphitheater, a voluminous Pleistocene tephra from Mount Rainier (USA), and implications for Cascade glacial stratigraphy. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 376, 27-43.	0.8	7
413	Early-Holocene monsoon instability and climatic optimum recorded by Chinese stalagmites. <i>Holocene</i> , 2019, 29, 1059-1067.	0.9	56
414	A new speleothem record of the penultimate deglacial: Insights into spatial variability and centennial-scale instabilities of East Asian monsoon. <i>Quaternary Science Reviews</i> , 2019, 210, 113-124.	1.4	14
415	A new interpretation of Madagascar's megafaunal decline: The "Subsistence Shift Hypothesis". <i>Journal of Human Evolution</i> , 2019, 130, 126-140.	1.3	58
416	Calcrete uranium deposits in the Southern High Plains, USA. <i>Ore Geology Reviews</i> , 2019, 109, 50-78.	1.1	9
417	Fluvio-lacustrine sedimentation in the Agadir-Tissint Fejja (Anti-Atlas, Morocco): A promising palaeoclimate archive for the last glacial cycle in northwest Africa. <i>Depositional Record</i> , 2019, 5, 362-387.	0.8	6
418	U-Th dated speleothem recorded geomagnetic excursions in the Lower Brunhes. <i>Scientific Reports</i> , 2019, 9, 1114.	1.6	14
419	Holocene Solar Activity Imprint on Centennial-to Multidecadal Scale Hydroclimatic Oscillations in Arid Central Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2562-2573.	1.2	33

#	ARTICLE	IF	CITATIONS
420	Interactive programs of MC-ICPMS data processing for $^{230}\text{Th}/\text{U}$ geochronology. <i>Quaternary Geochronology</i> , 2019, 51, 43-52.	0.6	42
421	Is Chinese stalagmite $\delta^{18}\text{O}$ solely controlled by the Indian summer monsoon?. <i>Climate Dynamics</i> , 2019, 53, 2969-2983.	1.7	23
422	Isotopic Fingerprint of Uranium Accumulation and Redox Cycling in Floodplains of the Upper Colorado River Basin. <i>Environmental Science & Technology</i> , 2019, 53, 3399-3409.	4.6	14
423	Repeated Rhyolite Eruption From Heterogeneous Hot Zones Embedded Within a Cool, Shallow Magma Reservoir. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 2582-2600.	1.4	22
424	Characterizing the Eemian-Weichselian transition in northwestern Europe with three multiproxy speleothem archives from the Belgian Han-sur-Lesse and Remouchamps cave systems. <i>Quaternary Science Reviews</i> , 2019, 208, 21-37.	1.4	9
425	Timing and structure of Termination II in north China constrained by a precisely dated stalagmite record. <i>Earth and Planetary Science Letters</i> , 2019, 512, 1-7.	1.8	10
426	Medieval Climate Variability in the eastern Amazon-Cerrado regions and its archeological implications. <i>Scientific Reports</i> , 2019, 9, 20306.	1.6	13
427	Gas Hydrate Dissociation During Sea-Level Highstand Inferred From U/Th Dating of Seep Carbonate From the South China Sea. <i>Geophysical Research Letters</i> , 2019, 46, 13928-13938.	1.5	39
428	$^{238}\text{U}/^{230}\text{Th}$ disequilibrium dating and trace element geochemistry of perovskite from late Quaternary alkali mafic rocks of the West Eifel Volcanic Field (Germany). <i>European Journal of Mineralogy</i> , 2019, 31, 875-887.	0.4	2
429	How Far North Did the African Monsoon Fringe Expand During the African Humid Period? Insights From Southwest Moroccan Speleothems. <i>Geophysical Research Letters</i> , 2019, 46, 14093-14102.	1.5	31
430	Investigating the 8.2 ka event in northwestern Madagascar: Insight from data-model comparisons. <i>Quaternary Science Reviews</i> , 2019, 204, 172-186.	1.4	22
431	Complexity of Saharan paleoclimate reconstruction and implications for modern human migration. <i>Earth and Planetary Science Letters</i> , 2019, 508, 74-84.	1.8	31
432	Recurrent Quaternary magma generation at Baekdusan (Changbaishan) volcano: New zircon U-Th ages and Hf isotopic constraints from the Millennium Eruption. <i>Gondwana Research</i> , 2019, 68, 13-21.	3.0	11
433	Anatomy of a late Quaternary carbonate island: Constraints on timing and magnitude of sea-level fluctuations, West Caicos, Turks and Caicos Islands, BWI. <i>Quaternary Science Reviews</i> , 2019, 205, 193-223.	1.4	23
434	The application of abundance sensitivity filters to the precise and accurate measurement of uranium series nuclides by plasma mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 321-332.	0.7	19
435	Improved constraints on open-system processes in fossil reef corals by combined Th/U, Pa/U and Ra/Th dating: A case study from Aqaba, Jordan. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 459-478.	1.6	8
436	Timescales of hydrothermal scavenging in the South Pacific Ocean from ^{234}Th , ^{230}Th , and ^{228}Th . <i>Earth and Planetary Science Letters</i> , 2019, 506, 146-156.	1.8	12
437	Multi-Isotope Investigations for Scientific Characterisation and Provenance Implication of Banded Travertines from Tripolis Antique City (Denizli-Turkey). <i>Environmental Archaeology</i> , 2019, 24, 317-336.	0.6	5

#	ARTICLE	IF	CITATIONS
438	Optimizing MC-ICP-MS with SEM protocols for determination of U and Th isotope ratios and ²³⁰ Th ages in carbonates. <i>Quaternary Geochronology</i> , 2019, 50, 75-90.	0.6	20
439	Late Pleistocene records of speleothem stable isotopic compositions from Pinnacle Point on the South African south coast. <i>Quaternary Research</i> , 2019, 91, 265-288.	1.0	35
440	Reconstructing the western boundary variability of the Western Pacific Subtropical High over the past 200 years via Chinese cave oxygen isotope records. <i>Climate Dynamics</i> , 2019, 52, 3741-3757.	1.7	31
441	Source and supply of sediment to a shoreline salient in a fringing reef environment. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 552-564.	1.2	13
442	Sub-decadally-resolved Asian monsoon dynamics during Chinese interstadial 21 in response to northern high-latitude climate. <i>Journal of Asian Earth Sciences</i> , 2019, 172, 243-248.	1.0	6
443	The terrestrial Eemian to late Weichselian sediment record at Beckentin (NE-Germany): First results from lithostratigraphic, palynological and geochronological analyses. <i>Quaternary International</i> , 2019, 501, 90-108.	0.7	9
444	Late Quaternary slip rates for the southern Elsinore fault in the Coyote Mountains, southern California from analysis of alluvial fan landforms and clast provenance, soils, and U-series ages of pedogenic carbonate. <i>Geomorphology</i> , 2019, 326, 68-89.	1.1	8
445	The 7.2 ka climate event: Evidence from high-resolution stable isotopes and trace element records of stalagmite in Shuiming Cave, Chongqing, China. <i>Holocene</i> , 2020, 30, 145-154.	0.9	17
446	Uranium isotopes as a proxy for primary depositional redox conditions in organic-rich marine systems. <i>Earth and Planetary Science Letters</i> , 2020, 529, 115878.	1.8	39
447	Basin-scale seawater lead isotopic character and its geological evolution indicated by Fe-Mn deposits in the SCS. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 876-886.	1.2	1
448	Comparison of climate and environment on the edge of the Palaeo-Agulhas Plain to the Little Karoo (South Africa) in Marine Isotope Stages 5-3 as indicated by speleothems. <i>Quaternary Science Reviews</i> , 2020, 235, 105803.	1.4	30
449	²³⁰ Th disequilibrium, (²³⁰ Th)/He and ⁴⁰ Ar/ ³⁹ Ar geochronology of distal Nisyros Kyra tephra deposits on Datça peninsula (SW Anatolia). <i>Quaternary Geochronology</i> , 2020, 55, 101033.	0.6	7
450	Uranium isotopic constraints on the nature of the prehistoric flood at the Lajia site, China. <i>Geology</i> , 2020, 48, 15-18.	2.0	6
451	A stalagmite ¹⁸ O record from Jinfo Cave, southern China reveals early-mid holocene variations in the East Asian Summer Monsoon. <i>Quaternary International</i> , 2020, 537, 61-68.	0.7	6
452	Palaeoclimate evidence of vulnerable permafrost during times of low sea ice. <i>Nature</i> , 2020, 577, 221-225.	13.7	45
453	Sixty-year quasi-period of the Asian monsoon around the Last Interglacial derived from an annually resolved stalagmite ¹⁸ O record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 541, 109545.	1.0	4
454	Fossil travertine system and its palaeofluid provenance, migration and evolution through time: Example from the geothermal area of Acquasanta Terme (Central Italy). <i>Sedimentary Geology</i> , 2020, 398, 105580.	1.0	11
455	Pluvial periods in Southern Arabia over the last 1.1 million-years. <i>Quaternary Science Reviews</i> , 2020, 229, 106112.	1.4	45

#	ARTICLE	IF	CITATIONS
456	Magnetic detection of paleoflood layers in stalagmites and implications for historical land use changes. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115946.	1.8	11
457	Inconsistency between records of $\delta^{18}O$ and trace element ratios from stalagmites: Evidence for increasing mid-late Holocene moisture in arid central Asia. <i>Holocene</i> , 2020, 30, 369-379.	0.9	24
458	Investigating the molybdenum and uranium redox proxies in a modern shallow anoxic carbonate rich marine sediment setting of the Malo Jezero (Mljet Lakes, Adriatic Sea). <i>Chemical Geology</i> , 2020, 533, 119441.	1.4	14
459	Relative Sea-Level Changes Over the Past Centuries in the Central Ryukyu Arc Inferred From Coral Microatolls. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018466.	1.4	2
460	Climate-forced sea-level lowstands in the Indian Ocean during the last two millennia. <i>Nature Geoscience</i> , 2020, 13, 61-64.	5.4	21
461	The onset of oxidative weathering traced by uranium isotopes. <i>Precambrian Research</i> , 2020, 338, 105583.	1.2	20
462	Pleistocene lakes and paleohydrologic environments of the Tecopa basin, California: Constraints on the drainage integration of the Amargosa River. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1537-1565.	1.6	2
463	Separation of thorium from uranium ore. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 931-945.	0.7	6
464	Building a three dimensional model of the active Plio-Quaternary basin of Argostoli (Cephalonia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42 105441.	2.9	17
465	Travertine deposits constraining transfer zone neotectonics in geothermal areas: An example from the inner Northern Apennines (Bagno Vignoni-Val d'Orcia area, Italy). <i>Geothermics</i> , 2020, 85, 101763.	1.5	31
466	A model study of the relative influences of scavenging and circulation on ^{230}Th and ^{231}Pa in the western North Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 155, 103159.	0.6	6
467	Phasing of millennial-scale climate variability in the Pacific and Atlantic Oceans. <i>Science</i> , 2020, 370, 716-720.	6.0	49
468	Magnesium in subaqueous speleothems as a potential palaeotemperature proxy. <i>Nature Communications</i> , 2020, 11, 5027.	5.8	16
469	Relative sea-level stability and the radiocarbon marine reservoir correction at Natuna Island, Indonesia, since 6400 yr BP. <i>Marine Geology</i> , 2020, 430, 106342.	0.9	10
470	A multimillennial climatic context for the megafaunal extinctions in Madagascar and Mascarene Islands. <i>Science Advances</i> , 2020, 6, .	4.7	33
471	Paleoenvironmental evolution of Picos de Europa (Spain) during marine isotopic stages 5c to 3 combining glacial reconstruction, cave sedimentology and paleontological findings. <i>Quaternary Science Reviews</i> , 2020, 248, 106581.	1.4	5
472	Emerged Coral Reefs Record Holocene Low-Angle Normal Fault Earthquakes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089301.	1.5	6
473	Ice retreat in Wilkes Basin of East Antarctica during a warm interglacial. <i>Nature</i> , 2020, 583, 554-559.	13.7	36

#	ARTICLE	IF	CITATIONS
474	Indian summer monsoon variability during the last millennium as recorded in stalagmite from Baratang Mahadev cave, Andaman Islands. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 557, 109908.	1.0	5
475	New insights into the stratigraphy and ²³⁰ Th/U geochronology of the post-caldera explosive volcanism of La Primavera caldera, Mexico. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102747.	0.6	6
476	Century-scale climatic oscillations during the Last Glacial Maximum revealed by stalagmite isotopic records from Longfugong Cave, China. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	0
477	Focused fluid flow and methane venting along the Queen Charlotte fault, offshore Alaska (USA) and British Columbia (Canada). , 2020, 16, 1336-1357.		8
478	Holocene and deglaciation hydroclimate changes in northern China as inferred from stalagmite growth frequency. <i>Global and Planetary Change</i> , 2020, 195, 103360.	1.6	10
479	East Asian monsoon changes early in the last deglaciation and insights into the interpretation of oxygen isotope changes in the Chinese stalagmite record. <i>Quaternary Science Reviews</i> , 2020, 250, 106699.	1.4	20
480	Speleothem and glacier records of latest Pleistoceneâ€‘early Holocene climate change in the western North American interior. <i>Journal of Quaternary Science</i> , 2020, 35, 776-790.	1.1	4
481	Combined U-series dating of cave pearls and mammal fossils: Constraint on the age of a late middle pleistocene <i>Ailuropoda</i> â€‘ <i>Stegodon</i> fauna from the Diaozhongyan Cave, Guangxi, South China. <i>Quaternary Geochronology</i> , 2020, 60, 101111.	0.6	2
482	The Koskobilo (Olazti, Navarre, Northern Iberian Peninsula) paleontological collection: New insights for the Middle and Late Pleistocene in Western Pyrenees. <i>Quaternary International</i> , 2020, 566-567, 113-140.	0.7	7
483	Nonâ€‘Matrixâ€‘Matched Determination of Thâ€‘Pb Ages in Zircon, Monazite and Xenotime by Laser Ablationâ€‘Inductively Coupled Plasmaâ€‘Mass Spectrometry. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 653-668.	1.7	15
484	Black carbon traces of human activities in stalagmites from Turkey. <i>Journal of Archaeological Science</i> , 2020, 123, 105255.	1.2	9
485	Holocene Monsoon Change and Abrupt Events on the Western Chinese Loess Plateau as Revealed by Accurately Dated Stalagmites. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090273.	1.5	54
486	Climate changes in Northeastern Brazil from deglacial to Meghalayan periods and related environmental impacts. <i>Quaternary Science Reviews</i> , 2020, 250, 106655.	1.4	26
487	Regional Deformation and Offshore Crustal Local Faulting as Combined Processes to Explain Uplift Through Time Constrained by Investigating Differentially Uplifted Late Quaternary Paleoshorelines: The Foreland Hyblean Plateau, SE Sicily. <i>Tectonics</i> , 2020, 39, e2020TC006187.	1.3	15
488	Fracture dolomite as an archive of continental palaeo-environmental conditions. <i>Communications Earth & Environment</i> , 2020, 1, .	2.6	18
489	Comparison of Uranium Isotopes and Classical Geochemical Tracers in Karst Aquifer of Ljubljana River catchment (Slovenia). <i>Water (Switzerland)</i> , 2020, 12, 2064.	1.2	6
490	Timing and structure of the Younger Dryas event and its underlying climate dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23408-23417.	3.3	119
491	A multiple-proxy stalagmite record reveals historical deforestation in central Shandong, northern China. <i>Science China Earth Sciences</i> , 2020, 63, 1622-1632.	2.3	15

#	ARTICLE	IF	CITATIONS
492	Synchronous timing of abrupt climate changes during the last glacial period. <i>Science</i> , 2020, 369, 963-969.	6.0	62
493	U-Th dating of lake sediments: Lessons from the 700 ka sediment record of Lake JunĀn, Peru. <i>Quaternary Science Reviews</i> , 2020, 244, 106422.	1.4	10
494	Speleothem record from Pentadactylos cave (Cyprus): new insights into climatic variations during MIS 6 and MIS 5 in the Eastern Mediterranean. <i>Quaternary Science Reviews</i> , 2020, 250, 106663.	1.4	11
495	Determining the current size and state of subvolcanic magma reservoirs. <i>Nature Communications</i> , 2020, 11, 5477.	5.8	22
496	New U-series dates from Stump Cross Caverns, Yorkshire, UK, and constraints on the age of the Banwell Bone Cave Mammal Assemblage Zone. <i>Proceedings of the Geologists Association</i> , 2020, 131, 639-651.	0.6	0
497	Persistent Link Between Caribbean Precipitation and Atlantic Ocean Circulation During the Last Glacial Revealed by a Speleothem Record From Puerto Rico. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003944.	1.3	11
498	Revisiting the slip rate of Quaternary faults in the Iberian Chain, NE Spain. <i>Geomorphic and seismic-hazard implications. Geomorphology</i> , 2020, 363, 107233.	1.1	5
499	High-Resolution Proxy Records From Two Simultaneously Grown Stalagmites From Zoolithencave (Southeastern Germany) and their Potential for Palaeoclimate Reconstruction. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008755.	1.0	4
500	ENSO-Like Pacing of the Asian Summer Monsoon during the Early Holocene. <i>Journal of Meteorological Research</i> , 2020, 34, 325-335.	0.9	2
501	A detailed East Asian monsoon history of Greenland Interstadial 21 in southeastern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 552, 109752.	1.0	6
502	Estimation of temperature - altitude gradients during the Pleistocene-Holocene transition from Swiss stalagmites. <i>Earth and Planetary Science Letters</i> , 2020, 544, 116387.	1.8	3
503	From cave geomorphology to Palaeolithic human behaviour: speleogenesis, palaeoenvironmental changes and archaeological insight in the AtxurraĀrmiĀa cave (northern Iberian Peninsula). <i>Journal of Quaternary Science</i> , 2020, 35, 841-853.	1.1	14
504	Moderate zooxanthellate coral growth rates in the lower photic zone. <i>Coral Reefs</i> , 2020, 39, 1273-1284.	0.9	12
505	Quantification of the late Quaternary throw rates along the Yadong rift, southern Tibet. <i>Tectonophysics</i> , 2020, 790, 228545.	0.9	23
506	Developing a Coral Proxy System Model to Compare Coral and Climate Model Estimates of Changes in Paleo-ENSO Variability. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003836.	1.3	10
507	A decadal-resolution stalagmite record of strong Asian summer monsoon from northwestern Vietnam over the Dansgaard-Oeschger events 2-4. <i>Journal of Asian Earth Sciences: X</i> , 2020, 3, 100027.	0.6	4
508	Spatial-Temporal Evolution of Extensional Faulting and Fluid Circulation in the Amatrice Basin (Central Apennines, Italy) During the Pleistocene. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	13
509	Experimental evaluation of oxygen isotopic exchange between inclusion water and host calcite in speleothems. <i>Climate of the Past</i> , 2020, 16, 17-27.	1.3	18

#	ARTICLE	IF	CITATIONS
510	Hydroclimate variability from western Iberia (Portugal) during the Holocene: Insights from a composite stalagmite isotope record. <i>Holocene</i> , 2020, 30, 966-981.	0.9	18
511	Variation of the Asian summer monsoon since the last glacial-interglacial recorded in a stalagmite from southwest China. <i>Quaternary Science Reviews</i> , 2020, 234, 106261.	1.4	32
512	Reconstructing fluvial incision rates based on palaeowater tables in chalk karst networks along the Seine valley (Normandy, France). <i>Earth Surface Processes and Landforms</i> , 2020, 45, 1860-1876.	1.2	13
513	Testing glacial isostatic adjustment models of last-interglacial sea level history in the Bahamas and Bermuda. <i>Quaternary Science Reviews</i> , 2020, 233, 106212.	1.4	14
514	Coupling of Indo-Pacific climate variability over the last millennium. <i>Nature</i> , 2020, 579, 385-392.	13.7	116
515	Millennial-scale Asian monsoon variability during MIS 9 revealed by a high-resolution stalagmite $\delta^{18}O$ record in Luoshui Cave, central China. <i>Quaternary Science Reviews</i> , 2020, 234, 106218.	1.4	10
516	No consistent ENSO response to volcanic forcing over the last millennium. <i>Science</i> , 2020, 367, 1477-1481.	6.0	68
517	The Role of Continental Crust in the Formation of Uraninite-Based Ore Deposits. <i>Minerals (Basel)</i> , 2020, 10, 784.	0.8	3
518	Paleohydrology of southwest Nevada (USA) based on groundwater $^{234}U/^{238}U$ over the past 475 k.y.. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 793-802.	1.6	8
519	Hydroclimate variability of western Thailand during the last 1400 years. <i>Quaternary Science Reviews</i> , 2020, 241, 106423.	1.4	8
520	$U-Pb$ ages of granitoids around the Kofu basin: Implications for the Neogene geotectonic evolution of the South Fossa Magna region, central Japan. <i>Island Arc</i> , 2020, 29, e12361.	0.5	9
521	Holocene stable isotope record of insolation and rapid climate change in a stalagmite from the Zagros of Iran. <i>Quaternary Science Reviews</i> , 2020, 241, 106433.	1.4	9
522	Chronology of young basalt flows from lava tube gypsum U-series ages. <i>Quaternary Geochronology</i> , 2020, 59, 101083.	0.6	3
523	Multi-proxy stalagmite records from northern California reveal dynamic patterns of regional hydroclimate over the last glacial cycle. <i>Quaternary Science Reviews</i> , 2020, 241, 106411.	1.4	14
524	Dating silica sinter (geyserite): A cautionary tale. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 402, 106991.	0.8	13
525	Speleothem record attests to stable environmental conditions during Neanderthal-modern human turnover in southern Italy. <i>Nature Ecology and Evolution</i> , 2020, 4, 1188-1195.	3.4	34
526	^{230}Th Normalization: New Insights on an Essential Tool for Quantifying Sedimentary Fluxes in the Modern and Quaternary Ocean. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003820.	1.3	56
527	New evidence for an early settlement of the Yucatán Peninsula, Mexico: The Chan Hol 3 woman and her meaning for the Peopling of the Americas. <i>PLoS ONE</i> , 2020, 15, e0227984.	1.1	8

#	ARTICLE	IF	CITATIONS
528	A Century of Reduced ENSO Variability During the Medieval Climate Anomaly. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003742.	1.3	12
529	Intertropical convergence zone variability in the Neotropics during the Common Era. <i>Science Advances</i> , 2020, 6, eaax3644.	4.7	45
530	Inter-relationship and environmental significance of stalagmite $\delta^{13}C$ and $\delta^{18}O$ records from Zhenzhu Cave, north China, over the last 130 ka. <i>Earth and Planetary Science Letters</i> , 2020, 536, 116149.	1.8	33
531	Genesis of Recent Mafic Magmatism in the Taupo Volcanic Zone, New Zealand: Insights into the Birth and Death of Very Large Volume Rhyolitic Systems?. <i>Journal of Petrology</i> , 2020, 61, .	1.1	16
532	Late Holocene monsoon precipitation changes in southern China and their linkage to Northern Hemisphere temperature. <i>Quaternary Science Reviews</i> , 2020, 232, 106191.	1.4	18
533	Distribution Characteristics and Influencing Factors of Uranium Isotopes in Saline Lake Waters in the Northeast of Qaidam Basin. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 74.	0.8	6
534	Speleothem growth intervals reflect New Zealand montane vegetation response to temperature change over the last glacial cycle. <i>Scientific Reports</i> , 2020, 10, 2492.	1.6	8
535	Atmospheric circulation and the differentiation of precipitation sources during the Holocene inferred from five stalagmite records from DemÅnovÅ; Cave System (Central Europe). <i>Holocene</i> , 2020, 30, 834-846.	0.9	8
536	300,000 yr history of water-table fluctuations at Wind Cave, South Dakota, USAâ€”Scale, timing, and groundwater mixing in the Madison Aquifer. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1447-1468.	1.6	5
537	Oceanic forcing of penultimate deglacial and last interglacial sea-level rise. <i>Nature</i> , 2020, 577, 660-664.	13.7	62
538	Climate-influenced cave deposition and human occupation during the Pleistocene in Zhiren Cave, southwest China. <i>Quaternary International</i> , 2020, 559, 14-23.	0.7	16
539	Re-dating Changyang Cave in Hubei province, southern China. <i>Quaternary International</i> , 2020, 537, 1-8.	0.7	5
540	Revisiting Hornos de la PeÃ±a 100Åyears after. <i>Journal of Archaeological Science: Reports</i> , 2020, 31, 102259.	0.2	1
541	Relationships between climate change, human environmental impact, and megafaunal extinction inferred from a 4000-year multi-proxy record from a stalagmite from northwestern Madagascar. <i>Quaternary Science Reviews</i> , 2020, 234, 106244.	1.4	17
542	Last Interglacial changes in sea level on Aldabra, western Indian Ocean. <i>Sedimentology</i> , 2020, 67, 3236-3258.	1.6	5
543	Late Quaternary sea-level history of Saipan, Commonwealth of the Northern Mariana Islands, USA: A test of tectonic uplift and glacial isostatic adjustment models. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 863-883.	1.6	5
544	Distributed normal faulting in the tip zone of the South Alkyonides Fault System, Gulf of Corinth, constrained using ^{36}Cl exposure dating of late-Quaternary wave-cut platforms. <i>Journal of Structural Geology</i> , 2020, 136, 104063.	1.0	15
545	The red coloration of Goikoetxe Caveâ€™s speleothems (Busturia, Spain): An indicator of paleoclimatic changes. <i>Quaternary International</i> , 2020, 566-567, 141-151.	0.7	8

#	ARTICLE	IF	CITATIONS
546	Cave life histories of non-anthropogenic sediments help us understand associated archaeological contexts. <i>Quaternary Research</i> , 2021, 99, 270-289.	1.0	7
547	Assessing the feasibility of the $^{228}\text{Th}/^{228}\text{Ra}$ dating method for young corals (<10 a) by gamma spectrometry. <i>Quaternary Geochronology</i> , 2021, 61, 101125.	0.6	0
548	Terrestrial stratigraphical division in the Quaternary and its correlation. <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	14
549	Indian summer monsoon variability in northeastern India during the last two millennia. <i>Quaternary International</i> , 2021, 571, 73-80.	0.7	17
550	Coral boulder transport and gravel bar formation by storms in Lumaniag village, Batangas, northwestern Philippines. <i>Geomorphology</i> , 2021, 376, 107554.	1.1	1
551	Hypogenic speleogenesis, late stage epigenic overprinting and condensation-corrosion in a complex cave system in relation to landscape evolution (Toirano, Liguria, Italy). <i>Geomorphology</i> , 2021, 376, 107561.	1.1	17
552	New evidence for the periodic bleaching and recovery of <i>Porites</i> corals during the mid-late Holocene in the northern South China Sea. <i>Global and Planetary Change</i> , 2021, 197, 103397.	1.6	3
553	A new method to extract ^{232}Th , ^{230}Th and ^{231}Pa from seawater using a bulk-extraction technique with Nobias PA-1 chelating resin. <i>Talanta</i> , 2021, 223, 121734.	2.9	3
554	Little Ice Age climate changes in Southwest China from a stalagmite $\delta^{18}\text{O}$ record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 562, 110167.	1.0	12
555	Baseline thorium concentration and isotope ratios in topsoil of Zacatecas State, Mexico. <i>Chemosphere</i> , 2021, 268, 128915.	4.2	2
556	Palaeoenvironmental conditions during MIS 6/MIS 5 transition recorded in speleothems from the Tatra Mountains. <i>Boreas</i> , 2021, 50, 224-241.	1.2	5
557	Sr and U isotopes reveal the influence of lithologic structure on groundwater contributions along a mountain headwater catchment (Hyalite Canyon, MT). <i>Journal of Hydrology</i> , 2021, 594, 125653.	2.3	1
558	A high-resolution speleothem proxy record of the Late Glacial in the European Alps: extending the NALPS19 record until the beginning of the Holocene. <i>Journal of Quaternary Science</i> , 2021, 36, 29-39.	1.1	14
559	U-series dating of carbonate accretions reveals late Neolithic age for the rock paintings in Cangyuan, southwestern China. <i>Quaternary Geochronology</i> , 2021, 61, 101127.	0.6	7
560	Megadrought and cultural exchange along the proto-silk road. <i>Science Bulletin</i> , 2021, 66, 603-611.	4.3	52
561	An Essential Quaternary Clock for Earth System Sciences: An Overview of the Theory and Applications of U and Th Decay Series Isotopes for the Dating of Young Igneous and Sedimentary Rocks. , 2021, , 76-100.		1
562	Paleoclimatic reconstruction in the Tatra Mountains of the western Carpathians during MIS 9-7 inferred from a multiproxy speleothem record. <i>Quaternary Research</i> , 2021, 99, 290-304.	1.0	5
563	Sedimentary anatomy and hydrological record of relic fluvial deposits in a karst cave conduit. <i>Sedimentology</i> , 2021, 68, 425-448.	1.6	11

#	ARTICLE	IF	CITATIONS
564	<i>In situ</i> isotopic analysis of uranium using a new data acquisition protocol for ^{103}U Faraday amplifiers. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 668-675.	1.6	13
565	Holocene relative sea-level changes and coastal evolution along the coastlines of Kamaran Island and As-Salif Peninsula, Yemen, southern Red Sea. <i>Quaternary Science Reviews</i> , 2021, 252, 106719.	1.4	8
566	Exploring the use of thorium isotope compositions and concentrations as nuclear forensic signatures for uranium ore concentrates. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 327, 877-889.	0.7	5
567	Flowstones from the RaĀĀjka PeĀĀina Cave (SW Slovenia) Record 3.2-Ma-Long History. <i>Geochronometria</i> , 2021, 48, 31-45.	0.2	2
568	Geothermal Fluid Variation Recorded by Banded Ca-Carbonate Veins in a Fault-Related, Fissure Ridge-Type Travertine Depositional System (Iano, southern Tuscany, Italy). <i>Geofluids</i> , 2021, 2021, 1-28.	0.3	14
570	Early Pleistocene hominin teeth from Meipu, southern China. <i>Journal of Human Evolution</i> , 2021, 151, 102924.	1.3	11
571	Stalagmite evidence for East Asian winter monsoon variability and ^{18}O -depleted surface water in the Japan Sea during the last glacial period. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	1.1	3
572	A gradual transition into Greenland interstadial 14 in southeastern China based on a sub-decadally-resolved stalagmite record. <i>Quaternary Science Reviews</i> , 2021, 253, 106769.	1.4	9
573	Ancient DNA and multimethod dating confirm the late arrival of anatomically modern humans in southern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	49
574	The Use of Submerged Speleothems for Sea Level Studies in the Mediterranean Sea: A New Perspective Using Glacial Isostatic Adjustment (GIA). <i>Geosciences (Switzerland)</i> , 2021, 11, 77.	1.0	14
575	^{230}Th dating of flowstone from Ignatievskaya Cave, Russia: Age constraints of rock art and paleoclimate inferences. <i>Geoarchaeology - an International Journal</i> , 2021, 36, 532-545.	0.7	2
576	First investigation of perennial ice in Winter Wonderland Cave, Uinta Mountains, Utah, USA. <i>Cryosphere</i> , 2021, 15, 863-881.	1.5	7
577	Hydroclimate variability of central Indo-Pacific region during the Holocene. <i>Quaternary Science Reviews</i> , 2021, 253, 106779.	1.4	13
578	New insights towards an integrated understanding of NE Asian monsoon during mid to late Holocene. <i>Quaternary Science Reviews</i> , 2021, 254, 106793.	1.4	22
579	Stalagmite flooding frequency record since the middle Little Ice Age from Central China. <i>Climatic Change</i> , 2021, 164, 1.	1.7	1
580	Assessing proxy system models of cave dripwater ^{18}O variability. <i>Quaternary Science Reviews</i> , 2021, 254, 106799.	1.4	4
581	Detecting and quantifying palaeoseasonality in stalagmites using geochemical and modelling approaches. <i>Quaternary Science Reviews</i> , 2021, 254, 106784.	1.4	20
582	Innovative <i>Homo sapiens</i> behaviours 105,000 years ago in a wetter Kalahari. <i>Nature</i> , 2021, 592, 248-252.	13.7	50

#	ARTICLE	IF	CITATIONS
583	A revised position for the primary strand of the Pleistocene-Holocene San Andreas fault in southern California. <i>Science Advances</i> , 2021, 7, .	4.7	17
584	Lifecycle of an Intermontane Plio-Pleistocene Fluvial Valley of the Northern Apennines: From Marine-Driven Incision to Tectonic Segmentation and Infill. <i>Geosciences (Switzerland)</i> , 2021, 11, 141.	1.0	0
585	Opposite Trends in Holocene Speleothem Proxy Records From Two Neighboring Caves in Germany: A Multi-Proxy Evaluation. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
586	Damaged Speleothems and Collapsed Karst Chambers Indicate Paleoseismicity of the NE Bohemian Massif (Niedzwiedzia Cave, Poland). <i>Tectonics</i> , 2021, 40, e2020TC006459.	1.3	11
587	Holocene variability of East Asian summer monsoon as viewed from the speleothem $\delta^{18}O$ records in central China. <i>Earth and Planetary Science Letters</i> , 2021, 558, 116758.	1.8	37
588	Cryogenic cave carbonate and implications for thawing permafrost at Winter Wonderland Cave, Utah, USA. <i>Scientific Reports</i> , 2021, 11, 6430.	1.6	6
589	Increased autumn and winter precipitation during the Last Glacial Maximum in the European Alps. <i>Nature Communications</i> , 2021, 12, 1839.	5.8	35
590	Speleothem record of mild and wet mid-Pleistocene climate in northeast Greenland. <i>Science Advances</i> , 2021, 7, .	4.7	8
591	Gradual South-North Climate Transition in the Atlantic Realm Within the Younger Dryas. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092620.	1.5	6
592	Massive Deposition of Carbonate Nodules in the Hyperarid Northwest Qaidam Basin of the Northern Tibetan Plateau. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009654.	1.0	3
593	Impacts of Coral Growth on Geochemistry: Lessons From the Galápagos Islands. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004051.	1.3	12
594	Lignin oxidation products in soil, dripwater and speleothems from four different sites in New Zealand. <i>Biogeosciences</i> , 2021, 18, 2289-2300.	1.3	1
595	Increasing Pleistocene permafrost persistence and carbon cycle conundrums inferred from Canadian speleothems. <i>Science Advances</i> , 2021, 7, .	4.7	7
596	Early, intensive marine resource exploitation by Middle Stone Age humans at Ysterfontein 1 rockshelter, South Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	18
597	Cryogenic cave carbonates in the Dolomites (northern Italy): insights into Younger Dryas cooling and seasonal precipitation. <i>Climate of the Past</i> , 2021, 17, 775-789.	1.3	9
598	Uranium-Thorium Dating of Speleothems. <i>Elements</i> , 2021, 17, 87-92.	0.5	8
599	Dating the landscape evolution around the Chauvet-Pont d'Arc cave. <i>Scientific Reports</i> , 2021, 11, 8944.	1.6	8
600	A reconciled solution of Meltwater Pulse 1A sources using sea-level fingerprinting. <i>Nature Communications</i> , 2021, 12, 2015.	5.8	38

#	ARTICLE	IF	CITATIONS
601	Providing context to the Homo naledi fossils: Constraints from flowstones on the age of sediment deposits in Rising Star Cave, South Africa. <i>Chemical Geology</i> , 2021, 567, 120108.	1.4	15
602	Last interglacial sea-level proxies in East Africa and the Western Indian Ocean. <i>Earth System Science Data</i> , 2021, 13, 1633-1651.	3.7	5
603	High precise dating on the variation of the Asian summer monsoon since 37 Åka BP. <i>Scientific Reports</i> , 2021, 11, 9375.	1.6	13
604	Unearthing Neanderthal population history using nuclear and mitochondrial DNA from cave sediments. <i>Science</i> , 2021, 372, .	6.0	86
605	Last interglacial sea levels within the Gulf of Mexico and northwestern Caribbean Sea. <i>Earth System Science Data</i> , 2021, 13, 1419-1439.	3.7	15
606	Karst hydrological changes during the Late-Holocene in Southwestern China. <i>Quaternary Science Reviews</i> , 2021, 258, 106865.	1.4	14
607	The temporal variability of hydrothermal activity of Wocan hydrothermal field, Carlsberg Ridge, northwest Indian Ocean. <i>Ore Geology Reviews</i> , 2021, 132, 103999.	1.1	15
608	The speleothem oxygen record as a proxy for thermal or moisture changes: a case study of multiproxy records from MIS5â€“MIS6 speleothems from the DemÅnovÅ Cave system. <i>Climate of the Past</i> , 2021, 17, 1051-1064.	1.3	3
609	Last interglacial sea-level history from speleothems: a global standardized database. <i>Earth System Science Data</i> , 2021, 13, 2077-2094.	3.7	10
610	When a mid-ocean ridge encroaches a continent: Seafloor-type hydrothermal activity in Lake Asal (Afar Rift). <i>Chemical Geology</i> , 2021, 568, 120126.	1.4	3
611	The uranium isotopic record of shales and carbonates through geologic time. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 300, 164-191.	1.6	28
612	High-frequency shifts in the Indian summer monsoon following termination of the YD event. <i>Quaternary Science Reviews</i> , 2021, 259, 106888.	1.4	6
613	Submerged Speleothems and Sea Level Reconstructions: A Global Overview and New Results from the Mediterranean Sea. <i>Water (Switzerland)</i> , 2021, 13, 1663.	1.2	2
614	Hypogene speleogenesis and paragenesis in the Dolomites. <i>Geomorphology</i> , 2021, 382, 107667.	1.1	6
615	A data-model comparison pinpoints Holocene spatiotemporal pattern of East Asian summer monsoon. <i>Quaternary Science Reviews</i> , 2021, 261, 106911.	1.4	72
616	A 2500 years deglacial record of paleo-vegetation over a cave of southern India as inferred from carbon isotopes of stalagmite. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	1
617	Variability of PDO identified by a last 300-year stalagmite Î¹8O record in Southwest China. <i>Quaternary Science Reviews</i> , 2021, 261, 106947.	1.4	5
618	Role of the Summer Monsoon Variability in the Collapse of the Ming Dynasty: Evidences From Speleothem Records. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093071.	1.5	11

#	ARTICLE	IF	CITATIONS
619	Paleovegetation seesaw in Brazil since the Late Pleistocene: A multiproxy study of two biomes. <i>Earth and Planetary Science Letters</i> , 2021, 563, 116880.	1.8	7
620	²³⁶ U/ ²³⁸ U Analysis of Femtograms of ²³⁶ U by MC-ICPMS. <i>Analytical Chemistry</i> , 2021, 93, 8442-8449.	3.2	4
621	Strong links between Saharan dust fluxes, monsoon strength, and North Atlantic climate during the last 5000 years. <i>Science Advances</i> , 2021, 7, .	4.7	15
622	Driving Mechanisms of Sedimentary ²³⁰ Th and ²³¹ Pa Variability in the Western Arctic Ocean Through the Last Glacial Cycle. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004039.	1.3	4
623	Centennial- to millennial-scale Asian summer monsoon changes during the MIS 5/4 transition revealed by high-resolution stalagmite records from southwestern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 571, 110390.	1.0	1
624	A global compilation of U-series-dated fossil coral sea-level indicators for the Last Interglacial period (Marine Isotope Stage 5e). <i>Earth System Science Data</i> , 2021, 13, 3155-3178.	3.7	17
625	Modern and sub-fossil corals suggest reduced temperature variability in the eastern pole of the Indian Ocean Dipole during the medieval climate anomaly. <i>Scientific Reports</i> , 2021, 11, 14952.	1.6	6
626	A 120-year seasonally resolved speleothem record of precipitation seasonality from southeastern China. <i>Quaternary Science Reviews</i> , 2021, 264, 107023.	1.4	11
627	Holocene hydroclimate changes in continental Croatia recorded in speleothem $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ from Nova Grdosova Cave. <i>Holocene</i> , 2021, 31, 1401-1416.	0.9	9
628	Project Vienna: A Novel Precell Mass Filter for Collision/Reaction Cell MC-ICPMS/MS. <i>Analytical Chemistry</i> , 2021, 93, 10519-10527.	3.2	17
629	Geochemical and U-Th isotopic insights on uranium enrichment in reservoir sediments. <i>Journal of Hazardous Materials</i> , 2021, 414, 125466.	6.5	40
630	Precise timing of MIS 7 substages from the Austrian Alps. <i>Climate of the Past</i> , 2021, 17, 1443-1454.	1.3	10
631	Post-Ore Processes of Uranium Migration in the Sandstone-Hosted Type Deposits: ²³⁴ U/ ²³⁸ U, ²³⁸ U/ ²³⁵ U and U-Pb Systematics of Ores of the Namaru Deposit, Vitim District, Northern Transbaikalia. <i>Geology of Ore Deposits</i> , 2021, 63, 287-299.	0.2	1
632	Solar forcing of early Holocene droughts on the Yucatán peninsula. <i>Scientific Reports</i> , 2021, 11, 13885.	1.6	9
633	Timing and structure of early-Holocene climate anomalies inferred from north Chinese stalagmite records. <i>Holocene</i> , 2021, 31, 1777-1785.	0.9	8
634	Coral conglomerate platforms as foundations for low-lying, reef islands in the French Polynesia (central south Pacific): New insights into the timing and mode of formation. <i>Marine Geology</i> , 2021, 437, 106500.	0.9	7
635	Magnetostratigraphic and uranium-series dating of fossiliferous cave sediments in Jinyuan Cave, Liaoning Province, northeast China. <i>Quaternary International</i> , 2021, 591, 5-14.	0.7	10
636	Testing the initial ²³⁰ Th/ ²³² Th for Known Age Carbonate and its significance for ²³⁰ Th dating and paleoclimate research. <i>Quaternary International</i> , 2022, 607, 113-119.	0.7	3

#	ARTICLE	IF	CITATIONS
637	Uranium isotope variation within vein-type uranium ore deposits. <i>Applied Geochemistry</i> , 2021, 131, 104977.	1.4	7
638	Seasonality of precipitation recorded in a modern (1907–2008) annually laminated stalagmite from central China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 576, 110489.	1.0	8
639	Speleothem Records of the Hydroclimate Variability throughout the Last Glacial Cycle from Manita pešć Cave (Veľebit Mountain, Croatia). <i>Geosciences (Switzerland)</i> , 2021, 11, 347.	1.0	3
640	Human activity and climate change triggered the expansion of rocky desertification in the karst areas of Southwestern China. <i>Science China Earth Sciences</i> , 2021, 64, 1761-1773.	2.3	19
641	Reconstruction of Middle to Late Quaternary sea level using submerged speleothems from the northeastern Yucatán Peninsula. <i>Journal of Quaternary Science</i> , 2021, 36, 1190-1200.	1.1	6
642	Chronology of the Mediterranean sea-level highstand during the Last Interglacial: a critical review of the U/Th-dated deposits. <i>Journal of Quaternary Science</i> , 2021, 36, 1174-1189.	1.1	9
643	Speleothem-based chronology and environmental context of deposits from the Mishin Kamik Cave, NW Bulgaria – A contribution to the archaeological study of the Late Pleistocene human occupation in the Balkans. <i>Journal of Quaternary Science</i> , 2021, 36, 1221.	1.1	1
644	A multi-method dating approach to reassess the geochronology of faulted Quaternary deposits in the central sector of the Iberian Chain (NE Spain). <i>Quaternary Geochronology</i> , 2021, 65, 101185.	0.6	10
645	The timing and structure of the 8.2 ka event revealed through high-resolution speleothem records from northwestern Madagascar. <i>Quaternary Science Reviews</i> , 2021, 268, 107104.	1.4	15
646	Teasing Apart Impacts of Human Activity and Regional Drought on Madagascar's Large Vertebrate Fauna: Insights From New Excavations at Tsimanampetse and Antsirafaly. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	7
647	Evidence of humans in North America during the Last Glacial Maximum. <i>Science</i> , 2021, 373, 1528-1531.	6.0	111
648	Early Holocene permafrost retreat in West Siberia amplified by reorganization of westerly wind systems. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	7
649	The marine terraces of Santa Cruz Island, California: Implications for glacial isostatic adjustment models of last-interglacial sea-level history. <i>Geomorphology</i> , 2021, 389, 107826.	1.1	11
650	Sedimentary evolution of the Dawan travertines and their geological environmental significance, Huanglong, China. <i>Depositional Record</i> , 2022, 8, 251-265.	0.8	6
651	Heterogeneous Late Holocene Climate in the Eastern Mediterranean – The Kocain Cave Record From SW Turkey. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094733.	1.5	15
652	Rapid Extraction Chemistry Using a Single Column for ²³⁰ Th/ ^U Dating of Quaternary Hydrothermal Sulfides. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 983.	0.8	2
653	Cenozoic tectono-geomorphic evolution of Yabrai Mountain and the Badain Jaran Desert (NE Tibetan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	4
654	The “Hockey Stick” Imprint in Northwest African Speleothems. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094232.	1.5	1

#	ARTICLE	IF	CITATIONS
655	On the cycling of ^{231}Pa and ^{230}Th in benthic nepheloid layers. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 177, 103627.	0.6	3
656	Abrupt Indian summer monsoon shifts aligned with Heinrich events and D-O cycles since MIS 3. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 583, 110658.	1.0	10
657	Geology and conceptual model of the Domuyo geothermal area, northern Patagonia, Argentina. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 420, 107396.	0.8	1
658	Variations in the South Atlantic Convergence Zone over the mid-to-late Holocene inferred from speleothem $\delta^{18}\text{O}$ in central Brazil. <i>Quaternary Science Reviews</i> , 2021, 270, 107178.	1.4	7
659	^{238}U - ^{206}Pb zircon eruption age of the Old Crow tephra and review of extant age constraints. <i>Quaternary Geochronology</i> , 2021, 66, 101168.	0.6	3
660	Hydroclimate variability during the last 2700 years based on stalagmite multi-proxy records in the central-western Mediterranean. <i>Quaternary Science Reviews</i> , 2021, 269, 107137.	1.4	11
661	Estimation of the ^{234}U fraction and uncertainty of enriched and depleted uranium. <i>Nuclear Engineering and Design</i> , 2021, 382, 111351.	0.8	0
662	Molluscan aminostratigraphy of the US Mid-Atlantic Quaternary coastal system: Implications for onshore-offshore correlation, paleochannel and barrier island evolution, and local late Quaternary sea-level history. <i>Quaternary Geochronology</i> , 2021, 66, 101177.	0.6	4
663	Carbon-sulfur signals of methane versus crude oil diagenetic decomposition and U-Th age relationships for authigenic carbonates from asphalt seeps, southern Gulf of Mexico. <i>Chemical Geology</i> , 2021, 581, 120395.	1.4	1
664	Paleo-earthquake records of the Hengchun offshore structure, southern Taiwan, revealed by uplifted coral colonies. <i>Tectonophysics</i> , 2021, 817, 229049.	0.9	2
665	A new method for the ^{230}Th dating of a carbonate chimney deposited during the last glaciation in the northern Okinawa Trough, East China Sea. <i>Quaternary Geochronology</i> , 2021, 66, 101199.	0.6	6
666	Uranium isotopes as a possible tracer of terrestrial authigenic carbonate. <i>Science of the Total Environment</i> , 2021, 797, 149103.	3.9	6
667	Genesis of REY-rich deep-sea sediments in the Tiki Basin, eastern South Pacific Ocean: Evidence from geochemistry, mineralogy and isotope systematics. <i>Ore Geology Reviews</i> , 2021, 138, 104330.	1.1	23
668	Geomorphic history of Lake Manix, Mojave Desert, California: Evolution of a complex terminal lake basin. <i>Geomorphology</i> , 2021, 392, 107901.	1.1	2
669	Insights from barium variability in a <i>Siderastrea siderea</i> coral in the northwestern Gulf of Mexico. <i>Marine Pollution Bulletin</i> , 2021, 173, 112930.	2.3	12
670	Pliocene to Holocene chronostratigraphy and palaeoenvironmental records from cave sediments: RaÅiÅ;ka peÅina section (SW Slovenia). <i>Quaternary International</i> , 2021, 605-606, 5-24.	0.7	7
671	Testing a new combined (U,Th)- ^{4}He and U/Th dating approach on Plio-Pleistocene calcite speleothems. <i>Quaternary Geochronology</i> , 2022, 67, 101234.	0.6	4
672	Novel method for determining ^{234}U and ^{238}U ages of Devils Hole 2 cave calcite (Nevada). <i>Geochronology</i> , 2021, 3, 49-58.	1.0	2

#	ARTICLE	IF	CITATIONS
673	Oldest Dryas hydroclimate reorganization in the eastern Iberian Peninsula after the iceberg discharges of Heinrich Event 1. <i>Quaternary Research</i> , 2021, 101, 67-83.	1.0	8
674	Rock art dating by ²³⁰ Th/ ²³⁴ U analysis: an appraisal of Chinese case studies. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	0.7	3
675	Radioactive Decay Constants: A Review. , 2014, , 1-6.		1
676	Rock art of Heilongjiang Province, China. <i>Journal of Archaeological Science: Reports</i> , 2020, 31, 102348.	0.2	3
677	Sea-level change and superstorms; geologic evidence from the last interglacial (MIS 5e) in the Bahamas and Bermuda offers ominous prospects for a warming Earth. <i>Marine Geology</i> , 2017, 390, 347-365.	0.9	38
678	Pollen from accurately dated speleothems supports alpine glacier low-stands during the early Holocene. <i>Quaternary Research</i> , 2016, 86, 45-53.	1.0	2
679	On the glacial-interglacial variability of the Asian monsoon in speleothem $\delta^{18}O$ records. <i>Science Advances</i> , 2020, 6, eay8189.	4.7	41
680	Were springline carbonates in the Kurkurâ€“Dungul area (southern Egypt) deposited during glacial periods?. <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	8
681	A continuous stable isotope record of last interglacial age from the Bulgarian Cave Orlova Chuka. <i>Geochronometria</i> , 2019, 46, 87-101.	0.2	3
682	Chemical Analysis Program for the Time of Flight Mass Spectrometry System. <i>International Journal of Applied Mathematics Electronics and Computers</i> , 0, , 57-57.	0.6	3
683	Chronology of Middle Pleistocene Coastal Karst Evolution and Relative Sea-Level Changes in Mallorca. <i>Journal of Coastal Research</i> , 2020, 37, .	0.1	2
684	Little Islands Recording Global Events: Late Quaternary Sea Level History and Paleozoogeography of Santa Barbara and Anacapa Islands, Channel Islands National Park, California. <i>Western North American Naturalist</i> , 2018, 78, 540.	0.2	7
688	The SISAL database: a global resource to document oxygen and carbon isotope records from speleothems. <i>Earth System Science Data</i> , 2018, 10, 1687-1713.	3.7	62
689	A revised Holocene coral sea-level database from the Florida reef tract, USA. <i>PeerJ</i> , 2020, 8, e8350.	0.9	8
690	Climatic variations during the Holocene inferred from radiocarbon and stable carbon isotopes in speleothems from a high-alpine cave. <i>Climate of the Past</i> , 2021, 17, 2165-2177.	1.3	3
691	Environmental records from coral skeletons: A decade of novel insights and innovation. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2022, 13, e745.	3.6	28
692	The impact and implications of aragonite-to-calcite transformation on speleothem trace element composition. <i>Sedimentary Geology</i> , 2021, 425, 106010.	1.0	1
693	Last interglacial hydroclimate in the Italian Prealps reconstructed from speleothem multi-proxy records (Bigonda Cave, NE Italy). <i>Quaternary Science Reviews</i> , 2021, 272, 107243.	1.4	7

#	ARTICLE	IF	CITATIONS
694	Macro-characterisation of cave damage for palaeoseismological investigations in regions of low strain: A case study from central-western North Island (Waitomo caves), New Zealand. <i>Quaternary Science Reviews</i> , 2021, 272, 107202.	1.4	1
695	Quaternary faulting in the Western Carpathians: Insights into paleoseismology from cave deformations and damaged speleothems (DemánovĀ Cave System, Low Tatra Mts). <i>Tectonophysics</i> , 2021, 820, 229111.	0.9	7
696	Timing of Neanderthal occupations in the southeastern margins of the Massif Central (France): A multi-method approach. <i>Quaternary Science Reviews</i> , 2021, 273, 107241.	1.4	8
700	Carbonates, Speleothem Climatic (U-Series). <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 147-152.	0.1	0
701	Radioactive Decay Constants: A Review. <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 666-669.	0.1	0
702	U-Series Dating. <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 918-932.	0.1	0
703	Sea Level Change (U-Series). <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 727-733.	0.1	0
705	Thorium. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 1439-1441.	0.1	1
706	Late Pleistocene tectonic tilting of the Frasassi anticline from offset stalagmites in the Grotta Grande del Vento (Marche, Italy). , 2019, , 447-457.		0
707	A CONTINUOUS 100 THOUSAND-YEAR STALAGMITE 18O RECORD FROM THE YUCATAN PENINSULA: IMPLICATIONS FOR CARIBBEAN HYDROCLIMATE ON ORBITAL AND MILLENNIAL TIMESCALES. , 2019, , .		0
708	Estimation of the durations of breaks in deposition – Speleothem case study. <i>Geochronometria</i> , 2020, 47, 154-170.	0.2	1
709	The comparison of statistical algorithms for constructing age-depth models of speleothems. <i>Journal of the Geological Society of Korea</i> , 2020, 56, 375-386.	0.3	0
710	Paleo-Typhoon Events as Indicated by Coral Reef Boulder Deposits on the Southern Coast of Hainan Island, China. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1
711	Megabeasts under the microscope: a closer look at Quaternary extinctions in the Asia-Pacific. <i>Quaternary International</i> , 2020, 568, 1-19.	0.7	0
712	Historical droughts in Southeast Australia recorded in a New South Wales stalagmite. <i>Holocene</i> , 2021, 31, 607-617.	0.9	4
713	Quantification of excess 231Pa in late Quaternary igneous baddeleyite. <i>American Mineralogist</i> , 2020, 105, 1830-1840.	0.9	1
715	Last glacial temperature reconstructions using coupled isotopic analyses of fossil snails and stalagmites from archaeological caves in Okinawa, Japan. <i>Scientific Reports</i> , 2021, 11, 21922.	1.6	2
716	Onset and termination of Heinrich Stadial 4 and the underlying climate dynamics. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	14

#	ARTICLE	IF	CITATIONS
717	Effects of organic matter complexation on partitioning of transition metals into calcite: Cave-analogue crystal growth experiments. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 317, 118-118.	1.6	6
718	Three-phase structure of the East Asia summer monsoon during Heinrich Stadial 4 recorded in Xianyun Cave, southeastern China. <i>Quaternary Science Reviews</i> , 2021, 274, 107267.	1.4	8
719	Isopycnal Transport and Scavenging of ²³⁰ Th and ²³¹ Pa in the Pacific Southern Ocean. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006760.	1.9	6
720	Air-Ground Interface: Reconstruction of Paleoclimates Using Speleothems. <i>Frontiers in Earth Sciences</i> , 2021, , 169-177.	0.1	0
721	Dating of Corals and Other Geological Samples via the Radioactive Disequilibrium of Uranium and Thorium Isotopes. <i>Frontiers in Earth Sciences</i> , 2021, , 89-100.	0.1	1
722	Additional multi-proxy stalagmite evidence from northeast Namibia supports recent models of wetter conditions during the 4.2Åka Event in the Southern Hemisphere. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 586, 110756.	1.0	7
723	Collapse of the Liangzhu and other Neolithic cultures in the lower Yangtze region in response to climate change. <i>Science Advances</i> , 2021, 7, eabi9275.	4.7	81
724	Insolation control of millennial-scale Asian summer monsoon changes evidenced by Chinese stalagmites $\delta^{18}O$ records. <i>Quaternary International</i> , 2022, 616, 30-39.	0.7	1
725	Penultimate deglaciation Asian monsoon response to North Atlantic circulation collapse. <i>Nature Geoscience</i> , 2021, 14, 937-941.	5.4	21
726	Mid-Late Holocene Stalagmite $\delta^{18}O$ and $\delta^{13}C$ Records in Naduo Cave, Guizhou Province, China. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	0.9	0
727	Geomorphological, chronological, and paleoenvironmental context of the Mousterian site at Roca San Miguel (ArÅn, Huesca, Spain) from the penultimate to the last glacial cycle. <i>Quaternary Research</i> , 0, , 1-20.	1.0	1
728	Effects of Ice Freeze-Thaw Processes on U Isotope Compositions in Saline Lakes and Their Potential Environmental Implications. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2
729	Calcite microstructure, geochemistry and chronology within the fault zone reveal the paleoseismic records of the Yadong rift, southern Tibet. <i>Acta Petrologica Sinica</i> , 2021, 37, 3185-3203.	0.3	0
730	Different response of stalagmite $\delta^{18}O$ and $\delta^{13}C$ to millennial-scale events during the last glacial, evidenced from Huangjin Cave, northern China. <i>Quaternary Science Reviews</i> , 2022, 276, 107305.	1.4	7
731	Holocene sea levels at the Gulf of Aqaba, northern Red Sea. <i>Quaternary Science Reviews</i> , 2022, 277, 107278.	1.4	0
732	High-precision U-series dating of the late Pleistocene – early Holocene rock paintings at Tiger Leaping Gorge, Jinsha River valley, southwestern China. <i>Journal of Archaeological Science</i> , 2022, 138, 105535.	1.2	8
733	Timescales of speleogenesis in an evolving syngenetic karst: The Tamala Limestone, Western Australia. <i>Geomorphology</i> , 2022, 399, 108079.	1.1	6
734	Influences on Asian summer monsoon during Dansgaard-Oeschger events 19 to 25 (70 – 115 kyr B.P.). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 587, 110798.	1.0	4

#	ARTICLE	IF	CITATIONS
735	Southeastern United States Hydroclimate During Holocene Abrupt Climate Events: Evidence From New Stalagmite Isotopic Records From Alabama. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	4
736	Southern Hemisphere controls on ITCZ variability in southwest Madagascar over the past 117,000 years. <i>Quaternary Science Reviews</i> , 2022, 276, 107317.	1.4	8
737	(U,Th)-He dating of Pleistocene carbonates: Analytical methods and age calculations. <i>MethodsX</i> , 2022, 9, 101608.	0.7	0
738	Formation of the Huajiang Grand Canyon (southwestern China) driven by the evolution of a Late Pleistocene tiankeng. <i>Acta Geochimica</i> , 2022, 41, 1-11.	0.7	2
739	A simplified isotope dilution approach for the U ²³² -Pb dating of speleogenic and other low- ²³² U carbonates by multi-collector ICP-MS. <i>Geochronology</i> , 2022, 4, 33-54.	1.0	2
740	Indian summer monsoon variations during the Younger Dryas as revealed by a laminated stalagmite record from the Tibetan Plateau. <i>Quaternary Science Reviews</i> , 2022, 278, 107375.	1.4	7
741	Emergence of wet conditions in the Mono Basin of the Western USA coincident with inception of the Last Glaciation. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2267-2279.	1.6	3
742	Paleoclimatic and paleoenvironmental changes in Amazonian lowlands over the last three millennia. <i>Quaternary Science Reviews</i> , 2022, 279, 107383.	1.4	7
743	Climatic controls on travertine deposition in southern Tibet during the late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 589, 110852.	1.0	6
744	High-precision MC-ICP-MS static measurements of uranium isotopes using Faraday cups. <i>Chinese Science Bulletin</i> , 2022, 67, 2651-2661.	0.4	1
745	Combined U-Pb isotopic signatures of U mill tailings from France and Gabon: A new potential tracer to assess their fingerprint on the environment. <i>Journal of Hazardous Materials</i> , 2022, 430, 128484.	6.5	3
746	Environmental influences on human innovation and behavioural diversity in southern Africa 92â€“80 thousand years ago. <i>Nature Ecology and Evolution</i> , 2022, 6, 361-369.	3.4	19
747	Termination 1 Millennialâ€“Scale Rainfall Events Over the Sunda Shelf. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	11
748	The sedimentation, bioturbation and organic matter degradation as revealed by excess ²³⁰ Th and ²¹⁰ Pb in the Cosmonaut Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, , 105049.	0.6	2
749	Marginal Reefs Under Stress: Physiological Limits Render GalÃ¡pagos Corals Susceptible to Ocean Acidification and Thermal Stress. <i>AGU Advances</i> , 2022, 3, .	2.3	5
750	Stalagmite paleomagnetic record of a quiet mid-to-late Holocene field activity in central South America. <i>Nature Communications</i> , 2022, 13, 1349.	5.8	4
751	The Absolute Age and Origin of the Giant Gypsum Geode of PulpÃ¡ (AlmerÃ¡, SE Spain). <i>Geosciences (Switzerland)</i> , 2022, 12, 144.	1.0	3
752	Middle Pleistocene fluid infiltration with 10â€“15Åka recurrence within the seismic cycle of the active Monte Morrone Fault System (central Apennines, Italy). <i>Tectonophysics</i> , 2022, 827, 229269.	0.9	6

#	ARTICLE	IF	CITATIONS
753	Identification and Evolution of Different Genetic Types of Deep Karst Caves Controlled by Faults—A Case Study in Huanjiang Sag, Guangxi Province, South China. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 405.	0.8	1
754	Multicentennial to millennial-scale changes in the East Asian summer monsoon during Greenland interstadial 25. <i>Quaternary Research</i> , 2022, 109, 195-206.	1.0	1
755	MIS 5e sea-level history along the Pacific coast of North America. <i>Earth System Science Data</i> , 2022, 14, 1271-1330.	3.7	8
756	Uranium in groundwaters: Insights from the Leinster granite, SE Ireland. <i>Applied Geochemistry</i> , 2022, 139, 105236.	1.4	10
757	Double-plunge structure of the East Asian summer monsoon during Heinrich stadial 1 recorded in Xianyun Cave, southeastern China. <i>Quaternary Science Reviews</i> , 2022, 282, 107442.	1.4	3
758	A high-resolution stalagmite record from Luoshui Cave, Central China over the past 23.5 kyr. <i>Quaternary Science Reviews</i> , 2022, 282, 107443.	1.4	10
759	Mapping and U Th dating of the world's deepest blue hole (South China Sea): Implications for its timing, possible volcanogenic origin, and Pleistocene eolianites in the Xisha Islands. <i>Marine Geology</i> , 2022, 447, 106776.	0.9	3
760	Revisiting the archaeological site of Grotta dei Baffoni Cave (Frasassi Gorge, Italy): Integrated stratigraphy, archaeometry, and geochronology of upper Pleistocene—Holocene cave sediments. , 2022, , .		0
761	Precipitation response to Heinrich Event-3 in the northern Indochina as revealed in a high-resolution speleothem record. <i>Journal of Asian Earth Sciences: X</i> , 2022, 7, 100090.	0.6	1
762	Three large prehistoric earthquakes in the Eastern Alps evidenced by cave rupture and speleothem damage. <i>Geomorphology</i> , 2022, 408, 108242.	1.1	7
763	Central Equatorial Pacific Warming and Freshening in the Twentieth Century: Insights From a Coral Ensemble Approach. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
764	Early Last Interglacial environmental changes recorded by speleothems from Katerloch (south-east) Tj ETQq1 1 0.784314 rgBT /Ove	1.1	4
765	A Novel Tracer Technique to Quantify the Lithogenic Input Flux of Trace Elements to Qinghai Lake. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	3
766	Late Holocene increase of winter precipitation in mid-continental North America from a seasonally resolved speleothem record. <i>Geology</i> , 2022, 50, 781-785.	2.0	2
767	Asian Summer Monsoon Changes Inferred From a Stalagmite $\delta^{18}O$ Record in Central China During the Last Glacial Period. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	1
768	Uranium Isotope Variations ($^{234}U/^{238}U$ and $^{238}U/^{235}U$) and Behavior of U—Pb Isotope System in the Vershinnoe Sandstone-Type Uranium Deposit, Vitim Uranium Ore District, Russia. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 317-324.	1.1	0
769	Garden Offerings in the Kona Field System, Hawai'i Island: A Fine-Grained Chronology and Its Implications. <i>American Antiquity</i> , 0, , 1-10.	0.6	1
770	Strong coupling of the East Asian summer monsoon and hydroclimate footprints during 53—47 ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 597, 111003.	1.0	1

#	ARTICLE	IF	CITATIONS
771	Subannual-to-biannual-resolved travertine record of Asian Summer Monsoon dynamics in the early Holocene at the eastern margin of Tibetan Plateau. <i>Applied Geochemistry</i> , 2022, , 105305.	1.4	4
772	Living on the edge: environmental variability of a shallow late Holocene cold-water coral mound. <i>Coral Reefs</i> , 2022, 41, 1255-1271.	0.9	2
773	Applying a Bayesian approach for refining the chronostratigraphy of the Yumidong site in the Three Gorges region, central China. <i>Quaternary Geochronology</i> , 2022, 70, 101304.	0.6	3
774	Application of cave monitoring to constrain the value and source of detrital ²³⁰ Th/ ²³² Th in speleothem calcite: Implications for U-series geochronology of speleothems. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 596, 110978.	1.0	2
778	Extended-range luminescence chronologies for the Middle Pleistocene units at the Sima del Elefante archaeological site (Sierra de Atapuerca, Burgos, Spain). <i>Quaternary Geochronology</i> , 2022, , 101318.	0.6	4
779	Interaction Between Climate and Tectonics in the Northern Lesser Antilles Inferred From the Last Interglacial Shoreline on Barbuda Island. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	5
780	Hydroclimatic changes in south-central China during the 4.2 ka event and their potential impacts on the development of Neolithic culture. <i>Quaternary Research</i> , 2022, 109, 39-52.	1.0	2
781	Monazite as a control on Th/U in magmatic zircon. <i>Chemical Geology</i> , 2022, 603, 120911.	1.4	7
782	Massive Natural Gas Hydrate Dissociation During the Penultimate Deglaciation (~130 ka) in the South China Sea. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	6
783	Potential and limitation of ²³⁰ Th-excess as a chronostratigraphic tool for late Quaternary Arctic Ocean sediment studies: An example from the Southern Lomonosov Ridge. <i>Marine Geology</i> , 2022, 448, 106802.	0.9	8
784	Mid to late 20th century freshening of the western tropical South Atlantic triggered by southward migration of the Intertropical Convergence Zone. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 597, 111013.	1.0	3
785	Timing of sulfuric acid speleogenesis (SAS) as an indicator of canyon incision rates of the Shoshone and Bighorn rivers, Wyoming, USA. <i>Geomorphology</i> , 2022, 410, 108281.	1.1	1
786	Chelating Agents in Assisting Phytoremediation of Uranium-Contaminated Soils: A Review. <i>Sustainability</i> , 2022, 14, 6379.	1.6	10
787	Episodic deposition of stalagmites in the northeastern Democratic Republic of the Congo suggests Equatorial Humid Periods during insolation maxima. <i>Quaternary Science Reviews</i> , 2022, 286, 107552.	1.4	1
788	Linking proximal ignimbrites and coeval distal tephra deposits to establish a record of voluminous Early Quaternary (2.4â€“1.9Ma) volcanism of the Tauranga Volcanic Centre, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 429, 107595.	0.8	1
789	Climatic backdrop for Pueblo cultural development in the southwestern United States. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
790	Combined use of conventional and clumped carbonate stable isotopes to identify hydrothermal isotopic alteration in cave walls. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
791	Petrographic and geochemical constraints on the formation of gravity-defying speleothems. <i>Depositional Record</i> , 2023, 9, 413-436.	0.8	1

#	ARTICLE	IF	CITATIONS
792	Stalagmite-inferred European westerly drift in the early Weichselian with centennial-scale variability in marine isotope stage 5a. <i>Quaternary Science Reviews</i> , 2022, 288, 107581.	1.4	0
794	Droughts and societal change: The environmental context for the emergence of Islam in late Antique Arabia. <i>Science</i> , 2022, 376, 1317-1321.	6.0	18
795	Southern hemisphere forced millennial scale Indian summer monsoon variability during the late Pleistocene. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
796	ESR/U-series chronology of the Neanderthal occupation layers at Galería de las Estatuas (Sierra de Tj ETQq1 1 0.784314 rgBT /Overlo	0.6	1
797	Stalagmite evidence for Early Holocene multidecadal hydroclimate variability in Ethiopia. <i>Quaternary Research</i> , 0, , 1-15.	1.0	0
798	Exceptionally stable preindustrial sea level inferred from the western Mediterranean Sea. <i>Science Advances</i> , 2022, 8, .	4.7	5
799	Rapid northern hemisphere ice sheet melting during the penultimate deglaciation. <i>Nature Communications</i> , 2022, 13, .	5.8	13
800	Three Natural Andesitic to Rhyolitic Glasses (OJYâ€¹, OHâ€¹, OAâ€¹) as Reference Materials for <i>In Situ</i> Microanalysis. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 673-700.	1.7	9
801	²³⁰ Th dating of gypsum from lacustrine, brackish-marine and terrestrial environments. <i>Chemical Geology</i> , 2022, 607, 121019.	1.4	5
802	Using Long-Lived Thorium Isotopes to Quantify the Lithogenic Inputs to the Lakes in Qaidam Basin, China. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 931.	0.8	1
803	Response of Travertine Dam to Precipitation over the Past 800 Years in Zabuye Salt Lake, Southwestern Tibetan Plateau. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 916.	0.8	3
804	Tufas indicate prolonged periods of water availability linked to human occupation in the southern Kalahari. <i>PLoS ONE</i> , 2022, 17, e0270104.	1.1	5
805	The Impact and Implications of Aragonite-to-calcite Transformation on Speleothem Trace Element Composition. <i>Microscopy and Microanalysis</i> , 2022, 28, 662-664.	0.2	0
806	Stratigraphic reassessment of Grotta Romanelli sheds light on Middle-Late Pleistocene palaeoenvironments and human settling in the Mediterranean. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
807	A multimethod approach to the genesis of Menga, a World Heritage megalith. <i>Quaternary Research</i> , 2023, 111, 1-20.	1.0	4
808	Palaeobotanical records from cave environments. <i>Review of Palaeobotany and Palynology</i> , 2022, 306, 104759.	0.8	2
809	Iberian hydroclimate variability and the Azores High during the last 1200Âyears: evidence from proxy records and climate model simulations. <i>Climate Dynamics</i> , 2023, 60, 2365-2387.	1.7	2
810	Orbital-scale hydroclimate variations in the southern Tibetan Plateau over the past 414,000 years. <i>Quaternary Science Reviews</i> , 2022, 291, 107658.	1.4	4

#	ARTICLE	IF	CITATIONS
811	Cold-water coral mounds in the western Mediterranean Sea: New insights into their initiation and development since the Mid-Pleistocene in response to changes of African hydroclimate. <i>Quaternary Science Reviews</i> , 2022, 293, 107723.	1.4	7
812	²³⁸ U, ²³⁵ U and ²³⁴ U in seawater and deep-sea corals: A high-precision reappraisal. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 336, 231-248.	1.6	15
813	Last interglacial pressure pattern over the Mediterranean from aeolian sediments: A case study from Apulia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 605, 111228.	1.0	1
814	Cave opening and fossil accumulation in Naracoorte, Australia, through charcoal and pollen in dated speleothems. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	7
815	Protracted Indian monsoon droughts of the past millennium and their societal impacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	14
816	Early Anthropogenic Impacts on the Indian Summer Monsoon Induced by Land Use and Land Cover Changes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	0
817	Development of an <i>In Situ</i> ^{U-Th} Disequilibrium Dating Method Utilising ^{Multiple Spot} Femtosecond Laser ^{Ablation-CRCâ€CPâ€MS} . <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 589-602.	1.7	1
819	²³⁰ Th- ²³⁴ U isochron dating of cryogenic cave carbonates. <i>Geochronology</i> , 2022, 4, 617-627.	1.0	3
820	Mud Diapir or Fault-Related Fold? On the Development of an Active Mud-Cored Anticline Offshore Southwestern Taiwan. <i>Tectonics</i> , 2022, 41, .	1.3	6
821	Chinese Interstadials 14-17 recorded in a precisely U-Th dated stalagmite from the northern edge of the Asian summer monsoon during the MIS 4/3 boundary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, , 111265.	1.0	0
822	Timing and Structure of 10.9 and 10.3 ka BP Events Revealed by Annually Laminated Stalagmite Records From Shihua Cave, Northern China. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	3
823	Coupled atmosphere-ice-ocean dynamics during Heinrich Stadial 2. <i>Nature Communications</i> , 2022, 13, .	5.8	11
824	Multi-decadal to centennial scales variability in the East Asian Summer Monsoon around the 5.5 kyr B.P. climate event. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 607, 111262.	1.0	1
825	Multiple severe storms revealed by coral boulders at Pasuquin, northwestern Luzon, Philippines. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 606, 111195.	1.0	1
826	Probabilistic investigation of global mean sea level during MIS 5a based on observations from Cave Hill, Barbados. <i>Quaternary Science Reviews</i> , 2022, 295, 107783.	1.4	0
827	Patch reefs as sources of long and continuous skeletal records of horizontal reef expansion in Dongsha Atoll, South China Sea. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	0
828	High-precision ID-TIMS U Pb geochronology of perovskite (CaTiO ₃) from the Ice River Complex, Southeastern British Columbia. <i>Chemical Geology</i> , 2022, , 121187.	1.4	0
829	Terrestrial evidence for ocean forcing of Heinrich events and subglacial hydrologic connectivity of the Laurentide Ice Sheet. <i>Science Advances</i> , 2022, 8, .	4.7	1

#	ARTICLE	IF	CITATIONS
830	Ancient DNA from speleothems: opportunity or challenge?. <i>Quaternary Research</i> , 2023, 112, 180-188.	1.0	2
831	Paleolithic occupation of arid Central Asia in the Middle Pleistocene. <i>PLoS ONE</i> , 2022, 17, e0273984.	1.1	4
832	The 8.2â€‰ka event in northern Spain: timing, structure and climatic impact from a multi-proxy speleothem record. <i>Climate of the Past</i> , 2022, 18, 2321-2344.	1.3	4
833	Centennial-Scale Climatic Oscillations during the Dansgaardâ€‰Oeschger 14 Revealed by Stalagmite Isotopic Records from Shouyuangong Cave, Southern China. <i>Geosciences (Switzerland)</i> , 2022, 12, 400.	1.0	0
834	Natural cycles in South Pacific Gyre strength and the Southern Annular Mode. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
835	Post-Miocene tectonics of the Northern Calcareous Alps. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
836	Multi-phased Asian hydroclimate variability during Heinrich Stadial 5. <i>Climate Dynamics</i> , 2023, 60, 4003-4016.	1.7	1
837	Structural similarity between Termination III and I. <i>Quaternary Science Reviews</i> , 2022, 296, 107808.	1.4	7
838	Milankovitch theory and monsoon. <i>Innovation(China)</i> , 2022, 3, 100338.	5.2	11
839	Environmental changes in Sorbas arid region (Southern Spain) during MIS 5a inferred from a carbonate flowstone from a gypsum cave. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 607, 111275.	1.0	1
840	Middle and Late Pleistocene evolution of the ArdÃˆche Valley archaeological landscapes (France). <i>Quaternary Science Reviews</i> , 2022, 297, 107812.	1.4	2
841	Spatial pattern of orbital-to millennial-scale East Asian stalagmite $\delta^{18}O$ variations during MIS 3. <i>Quaternary Science Reviews</i> , 2022, 298, 107844.	1.4	1
842	The structure of marine isotope Stage 11 and its alignment with the Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 609, 111311.	1.0	2
843	Middle-late Pleistocene chronology of palaeoshorelines and uplift history in the low-rising to stable Apulian foreland: Overprinting and reoccupation. <i>Geomorphology</i> , 2023, 421, 108530.	1.1	3
844	Formation and implication of cold-seep carbonates in the southern South China Sea. <i>Journal of Asian Earth Sciences</i> , 2023, 241, 105485.	1.0	7
845	A complex record of last interglacial sea-level history and paleozoogeography, Santa Rosa Island, Channel Islands National Park, California, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 610, 111328.	1.0	3
846	Hydroclimate variability in the Madagascar and Southeast African summer monsoons at the Mid- to Late-Holocene transition. <i>Quaternary Science Reviews</i> , 2023, 300, 107874.	1.4	4
847	Strong link between Asian summer monsoon and westerlies for the past 4750Âˆyears. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 609, 111329.	1.0	1

#	ARTICLE	IF	CITATIONS
867	Hydroclimatic variation over central China during the 4.2ka event and its implications for cultural transformation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 615, 111441.	1.0	3
869	Travertines of the South-Eastern Gorny Altai (Russia): Implications for Paleoseismology and Paleoenvironmental Conditions. <i>Minerals (Basel, Switzerland)</i> , 2023, 13, 259.	0.8	0
870	Climate-driven mid- to late Holocene hydrologic evolution of arid wetlands documented by strontium, uranium, and oxygen isotopes from Lower Pahrnagat Lake, southern Nevada, USA. <i>Quaternary Research</i> , 2023, 113, 52-68.	1.0	1
871	A palaeoearthquake event and its age revealed by travertine layer along the litang fault in the southeastern margin of the Tibetan plateau. <i>Earthquake Research Advances</i> , 2023, , 100215.	1.0	0
872	The Flower Garden Banks <i>Siderastrea siderea</i> coral as a candidate Global boundary Stratotype Section and Point for the Anthropocene series. <i>Infrastructure Asset Management</i> , 2023, 10, 225-250.	1.2	3
873	Relative sea level response to mixed carbonate-siliciclastic sediment loading along the Great Barrier Reef margin. <i>Earth and Planetary Science Letters</i> , 2023, 607, 118066.	1.8	3
874	New insights into the climate of northern Iberia during the Younger Dryas and Holocene: The Mendukilo multi-speleothem record. <i>Quaternary Science Reviews</i> , 2023, 305, 108006.	1.4	6
875	Mid-late holocene accretional history of low-lying, coral-reef rim islets, South-Marutea Atoll, Tuamotu, central South Pacific: The key role of marine hazard events. <i>Natural Hazards Research</i> , 2023, 3, 219-239.	2.0	4
876	Climatic stability recorded in speleothems may contribute to higher biodiversity in the Cape Floristic Region. <i>Journal of Biogeography</i> , 2023, 50, 1077-1089.	1.4	2
877	A >200 ka Th Based Chronology From Lacustrine Evaporites, Searles Lake, CA. <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	1.0	2
878	A Review of Speleothems as Archives for Paleofire Proxies, With Australian Case Studies. <i>Reviews of Geophysics</i> , 2023, 61, .	9.0	5
879	East Gobi megalake systems reveal East Asian Monsoon dynamics over the last interglacial-glacial cycle. <i>Nature Communications</i> , 2023, 14, .	5.8	8
880	Controls on Speleothem Initial ²³⁴ U/ ²³⁸ U Ratios in a Monsoon Climate. <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	1.0	0
881	Obliquity-driven subtropical forcing of the thermocline after 240ka in the southern sector of the Western Pacific Warm Pool. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 621, 111578.	1.0	1
882	Age-dating and assumptions testing of ²²⁶ Ra and ²²⁸ Ra decay series applied to barite chimneys and mud volcanoes in deepwater Gulf of Mexico. <i>Chemical Geology</i> , 2023, 630, 121485.	1.4	0
883	Cave sediments in the Western Bauges karst: A record of Middle and Upper Pleistocene glacial advances in the French Alps. <i>Geomorphology</i> , 2023, 433, 108707.	1.1	1
897	^U - ^{Pb} Dating of Mineral Deposits: From Age Constraints to Ore-Forming Processes. <i>Mineral Resource Reviews</i> , 2023, , 37-87.	1.5	5
985	Chemical tracers of scavenging, particle dynamics, and sedimentation processes. , 2024, , .		0

#	ARTICLE	IF	CITATIONS
992	Speleothems. Encyclopedia of Earth Sciences Series, 2024, , 1-11.	0.1	0
995	History of Quaternary dating methods. , 2024, , .		0