

John C Hellstrom

List of Publications by Year in descending order

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158
papers

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36271

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times ranked

10071
citing authors

#	ARTICLE	IF	CITATIONS
1	Timescales of speleogenesis in an evolving syngenetic karst: The Tamala Limestone, Western Australia. <i>Geomorphology</i> , 2022, 399, 108079.	1.1	6
2	Ubiquitous karst hydrological control on speleothem oxygen isotope variability in a global study. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	24
3	Accurate dating of stalagmites from low seasonal contrast tropical Pacific climate using Sr 2D maps, fabrics and annual hydrological cycles. <i>Scientific Reports</i> , 2021, 11, 2178.	1.6	16
4	Late survival of megafauna refuted for Cloggs Cave, SE Australia: Implications for the Australian Late Pleistocene megafauna extinction debate. <i>Quaternary Science Reviews</i> , 2021, 253, 106781.	1.4	12
5	New Chronological Constraints from Hypogean Deposits for Late Pliocene to Recent Morphotectonic History of the Alpi Apuane (NW Tuscany, Italy). <i>Geosciences (Switzerland)</i> , 2021, 11, 65.	1.0	4
6	Beyond one-way determinism: San Frediano's miracle and climate change in Central and Northern Italy in late antiquity. <i>Climatic Change</i> , 2021, 165, 25.	1.7	10
7	Interstadial conditions over the Southern Alps during the early penultimate glacial (MIS 6): a multiproxy record from Rio Martino Cave (Italy). <i>Quaternary Science Reviews</i> , 2021, 257, 106856.	1.4	4
8	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
9	Reply to: Clusters of flowstone ages are not supported by statistical evidence. <i>Nature</i> , 2021, 594, E11-E11.	13.7	0
10	Holocene hydroclimate changes in continental Croatia recorded in speleothem $\delta^{13}C$ and $\delta^{18}O$ from Nova Grdosova Cave. <i>Holocene</i> , 2021, 31, 1401-1416.	0.9	9
11	Speleothem Records of the Hydroclimate Variability throughout the Last Glacial Cycle from Manita pešć Cave (Veľbit Mountain, Croatia). <i>Geosciences (Switzerland)</i> , 2021, 11, 347.	1.0	3
12	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
13	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
14	Low impact sampling of speleothems – reconciling scientific study with cave conservation. <i>International Journal of Speleology</i> , 2021, 51, 1-11.	0.4	0
15	Quaternary environmental evolution in the South Carpathians reconstructed from glaciokarst geomorphology and sedimentary archives. <i>Geomorphology</i> , 2020, 354, 107038.	1.1	7
16	Late-Holocene environmental change on the Nullarbor Plain, southwest Australia, based on speleothem pollen records. <i>Holocene</i> , 2020, 30, 672-681.	0.9	10
17	Magnesium in subaqueous speleothems as a potential palaeotemperature proxy. <i>Nature Communications</i> , 2020, 11, 5027.	5.8	16
18	An end to the Last Interglacial highstand before 120 ka: Relative sea-level evidence from Infreschi Cave (Southern Italy). <i>Quaternary Science Reviews</i> , 2020, 250, 106658.	1.4	18

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19	An exploration of the utility of speleothem age distributions for palaeoclimate assessment. <i>Quaternary Geochronology</i> , 2020, 60, 101112.	0.6	7
20	Synchronous timing of abrupt climate changes during the last glacial period. <i>Science</i> , 2020, 369, 963-969.	6.0	62
21	Using speleothems to constrain late Cenozoic uplift rates in karst terranes. <i>Geology</i> , 2020, 48, 755-760.	2.0	11
22	Hydrological changes during the Roman Climatic Optimum in northern Tuscany (Central Italy) as evidenced by speleothem records and archaeological data. <i>Journal of Quaternary Science</i> , 2020, 35, 791-802.	1.1	17
23	Contemporaneity of <i>Australopithecus</i> , <i>Paranthropus</i> , and early <i>Homo erectus</i> in South Africa. <i>Science</i> , 2020, 368, .	6.0	96
24	Persistent influence of obliquity on ice age terminations since the Middle Pleistocene transition. <i>Science</i> , 2020, 367, 1235-1239.	6.0	48
25	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
26	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
27	Pacific climate reflected in Waipuna Cave drip water hydrochemistry. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 3361-3380.	1.9	12
28	Partitioning of Mg, Sr, Ba and U into a subaqueous calcite speleothem. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 264, 67-91.	1.6	18
29	Corrections for initial isotopic disequilibrium in the speleothem U-Pb dating method. <i>Quaternary Geochronology</i> , 2019, 54, 101009.	0.6	10
30	Ocean-atmosphere interconnections from the last interglacial to the early glacial: An integration of marine and cave records in the Iberian region. <i>Quaternary Science Reviews</i> , 2019, 226, 106037.	1.4	13
31	Vegetation and Climate Change in Southwestern Australia During the Last Glacial Maximum. <i>Geophysical Research Letters</i> , 2019, 46, 1709-1720.	1.5	24
32	The antiquity of Nullarbor speleothems and implications for karst palaeoclimate archives. <i>Scientific Reports</i> , 2019, 9, 603.	1.6	26
33	The 4.2‰ka event in the central Mediterranean: new data from a Corchia speleothem (Apuan Alps). Tj ETQq1 1 0.784314 1.3 32 https://doi.org/10.1016/j.jqsr.2019.106037	0.784314	32
34	Effect of aragonite to calcite transformation on the geochemistry and dating accuracy of speleothems. An example from Castañar Cave, Spain. <i>Sedimentary Geology</i> , 2019, 383, 41-54.	1.0	21
35	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
36	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

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37	Spatio-temporal evolution of Australasian monsoon hydroclimate over the last 40,000 years. <i>Earth and Planetary Science Letters</i> , 2019, 513, 103-112.	1.8	38
38	Southern Hemisphere subtropical drying as a transient response to warming. <i>Nature Climate Change</i> , 2019, 9, 232-236.	8.1	26
39	Holocene Critical Zone dynamics in an Alpine catchment inferred from a speleothem multiproxy record: disentangling climate and human influences. <i>Scientific Reports</i> , 2019, 9, 17829.	1.6	32
40	Uâ€Pb-dated flowstones restrict South African early hominin record to dry climate phases. <i>Nature</i> , 2019, 565, 226-229.	13.7	73
41	High spatial resolution investigation of nucleation, growth and early diagenesis in speleothems as exemplar for sedimentary carbonates. <i>Earth-Science Reviews</i> , 2018, 178, 68-91.	4.0	44
42	Evidence of thermophilisation and elevation-dependent warming during the Last Interglacial in the Italian Alps. <i>Scientific Reports</i> , 2018, 8, 2680.	1.6	25
43	A 10,000 yr record of high-resolution Paleosecular Variation from a flowstone of Rio Martino Cave, Northwestern Alps, Italy. <i>Earth and Planetary Science Letters</i> , 2018, 485, 32-42.	1.8	12
44	A MIS 9/MIS 8 speleothem record of hydrological variability from Macedonia (F.Y.R.O.M.). <i>Global and Planetary Change</i> , 2018, 162, 39-52.	1.6	19
45	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
46	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
47	The Moyjil site, south-west Victoria, Australia: chronology. <i>Proceedings of the Royal Society of Victoria</i> , 2018, 130, 32.	0.3	16
48	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
49	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
50	Enhanced climate instability in the North Atlantic and southern Europe during the Last Interglacial. <i>Nature Communications</i> , 2018, 9, 4235.	5.8	94
51	Modern to Glacial age subglacial meltwater drainage at Law Dome, coastal East Antarctica from topography, sediments and jÅrkuhlaupt observations. <i>Geological Society Special Publication</i> , 2018, 461, 215-230.	0.8	6
52	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
53	Wavelet analysis of $\delta^{18}O$ and $\delta^{13}C$ time-series from an Holocene speleothem record from Corchia Cave (central Italy): insights for the recurrence of dry-wet periods in the Central Mediterraneans. <i>Italian Journal of Geosciences</i> , 2018, 137, 128-137.	0.4	4
54	Exploring the dating of â€dirtyâ€ speleothems and cave sinters using radiocarbon dating of preserved organic matter. <i>Quaternary Geochronology</i> , 2017, 39, 92-98.	0.6	10

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55	Stalagmite carbon isotopes and dead carbon proportion (DCP) in a near-closed-system situation: An interplay between sulphuric and carbonic acid dissolution. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 210, 208-227.	1.6	52
56	Early last glacial intra-interstadial climate variability recorded in a Sardinian speleothem. <i>Quaternary Science Reviews</i> , 2017, 169, 391-397.	1.4	27
57	The influence of Antarctic subglacial volcanism on the global iron cycle during the Last Glacial Maximum. <i>Nature Communications</i> , 2017, 8, 15425.	5.8	21
58	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
59	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
60	Dating stalagmites in mediterranean climates using annual trace element cycles. <i>Scientific Reports</i> , 2017, 7, 621.	1.6	30
61	The age of <i>Homo naledi</i> and associated sediments in the Rising Star Cave, South Africa. <i>ELife</i> , 2017, 6, .	2.8	214
62	Hydroclimate of the Last Glacial Maximum and deglaciation in southern Australia's arid margin interpreted from speleothem records (23â€“15â€“ka). <i>Climate of the Past</i> , 2017, 13, 667-687.	1.3	56
63	Petrographical and geochemical changes in Bosnian stalagmites and their palaeo-environmental significance. <i>International Journal of Speleology</i> , 2017, 46, 33-49.	0.4	19
64	Stalagmite growth perturbations from the Kumaun Himalaya as potential earthquake recorders. <i>Journal of Seismology</i> , 2016, 20, 579-594.	0.6	18
65	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
66	Environmental variability between the penultimate deglaciation and the mid Eemian: Insights from Tana che Urla (central Italy) speleothem trace element record. <i>Quaternary Science Reviews</i> , 2016, 152, 80-92.	1.4	22
67	Control of cave levels in Kanaan, Kassarat and Jeita karst systems (Central Mount Lebanon, Lebanon). <i>Zeitschrift fÃ¼r Geomorphologie</i> , 2016, 60, 95-117.	0.3	9
68	â€œCrypticâ€•diagenesis and its implications for speleothem geochronologies. <i>Quaternary Science Reviews</i> , 2016, 148, 17-28.	1.4	64
69	Western Pacific hydroclimate linked to global climate variability over the past two millennia. <i>Nature Communications</i> , 2016, 7, 11719.	5.8	83
70	Pedothem carbonates reveal anomalous North American atmospheric circulation 70,000â€“55,000 years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 919-924.	3.3	27
71	Pliocene reversal of late Neogene aridification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1999-2004.	3.3	103
72	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

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73	A composite annual-resolution stalagmite record of North Atlantic climate over the last three millennia. <i>Scientific Reports</i> , 2015, 5, 10307.	1.6	120
74	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
75	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
76	Reconstruction of MIS 5 climate in the central Levant using a stalagmite from Kanaan Cave, Lebanon. <i>Climate of the Past</i> , 2015, 11, 1785-1799.	1.3	30
77	Assessing the paleoenvironmental potential of Pliocene to Holocene tufa deposits along the Ghaap Plateau escarpment (South Africa) using stable isotopes. <i>Quaternary Research</i> , 2015, 84, 133-143.	1.0	11
78	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
79	Visualising mouse neuroanatomy and function by metal distribution using laser ablation-inductively coupled plasma-mass spectrometry imaging. <i>Chemical Science</i> , 2015, 6, 5383-5393.	3.7	69
80	Evidence for global teleconnections in a late Pleistocene speleothem record of water balance and vegetation change at Sudwala Cave, South Africa. <i>Quaternary Science Reviews</i> , 2015, 110, 114-130.	1.4	19
81	Recent advances and future prospects of the ²¹⁰ Pb and ¹⁴⁷ Sm chronometers applicable to archaeology. <i>Journal of Archaeological Science</i> , 2015, 56, 32-40.	1.2	33
82	Hydrological change in Southern Europe responding to increasing North Atlantic overturning during Greenland Stadial 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6568-6572.	3.3	65
83	The Neanderthal in the karst: First dating, morphometric, and paleogenetic data on the fossil skeleton from Altamura (Italy). <i>Journal of Human Evolution</i> , 2015, 82, 88-94.	1.3	23
84	Coastal landscape evolution and sea-level change: a case study from Central Patagonia (Argentina). <i>Zeitschrift für Geomorphologie</i> , 2015, 59, 145-172.	0.3	10
85	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
86	Lateglacial to Holocene trace element record (Ba, Mg, Sr) from Corchia Cave (Apuan Alps, central Italy). <i>Journal of Quaternary Science</i> , 2014, 29, 589-596.	1.1	63
87	Towards a Method for Quantitative LA-ICP-MS Imaging of Multi-Phase Assemblages: Mineral Identification and Analysis Correction Procedures. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 253-263.	1.7	36
88	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
89	A continuous stable isotope record from the penultimate glacial maximum to the Last Interglacial (159-121 ka) from Tana Che Urla Cave (Apuan Alps, central Italy). <i>Quaternary Research</i> , 2014, 82, 450-461.	1.0	66
90	Coeval dry events in the central and eastern Mediterranean basin at 5.2 and 5.6ka recorded in Corchia (Italy) and Soreq caves (Israel) speleothems. <i>Global and Planetary Change</i> , 2014, 122, 130-139.	1.6	59

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91	Regional climate variability and ecosystem responses to the last deglaciation in the northern hemisphere from stable isotope data and calcite fabrics in two northern Adriatic stalagmites. <i>Quaternary Science Reviews</i> , 2013, 72, 146-158.	1.4	40
92	Australasian monsoon response to Dansgaard-Oeschger event 21 and teleconnections to higher latitudes. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 294-304.	1.8	15
93	Abrupt increase in east Indonesian rainfall from flooding of the Sunda Shelf ~9500 years ago. <i>Quaternary Science Reviews</i> , 2013, 74, 273-279.	1.4	41
94	Improvements in ²³⁰ Th dating, ²³⁰ Th and ²³⁴ U half-life values, and ^U - Th isotopic measurements by multi-collector inductively coupled plasma mass spectrometry. <i>Earth and Planetary Science Letters</i> , 2013, 371-372, 82-91.	1.8	1,007
95	Further geological and palaeoanthropological investigations at the Maludong hominin site, Yunnan Province, Southwest China. <i>Science Bulletin</i> , 2013, 58, 4472-4485.	1.7	11
96	Chronology, stratigraphy and palaeoenvironmental interpretation of a late Pleistocene to mid-Holocene cave accumulation on Kangaroo Island, South Australia. <i>Boreas</i> , 2013, 42, 974-994.	1.2	8
97	Rapid interhemispheric climate links via the Australasian monsoon during the last deglaciation. <i>Nature Communications</i> , 2013, 4, 2908.	5.8	130
98	Re-analysis of key evidence in the case for a hemispherically synchronous response to the Younger Dryas climatic event. <i>Journal of Quaternary Science</i> , 2013, 28, 8-12.	1.1	5
99	Formación de espeleotemas en el noreste peninsular y su relación con las condiciones climáticas durante los últimos ciclos glaciares. <i>Cuadernos De Investigacion Geografica</i> , 2013, 39, 25-47.	0.6	15
100	A model for the formation of layered soda-straw stalactites. <i>International Journal of Speleology</i> , 2013, 42, 155-160.	0.4	5
101	U and Pb variability in older speleothems and strategies for their chronology. <i>Quaternary Geochronology</i> , 2012, 14, 105-113.	0.6	45
102	A comparison of different methods for speleothem age modelling. <i>Quaternary Geochronology</i> , 2012, 14, 94-104.	0.6	68
103	Hydrological control of the dead carbon fraction in a Holocene tropical speleothem. <i>Quaternary Geochronology</i> , 2012, 14, 81-93.	0.6	57
104	Robust chronological reconstruction for young speleothems using radiocarbon. <i>Quaternary Geochronology</i> , 2012, 14, 67-80.	0.6	47
105	Precise microsampling of poorly laminated speleothems for U-series dating. <i>Quaternary Geochronology</i> , 2012, 14, 38-47.	0.6	43
106	High-resolution U-Pb dating of an Early Pleistocene stalagmite from Corchia Cave (central Italy). <i>Quaternary Geochronology</i> , 2012, 14, 5-17.	0.6	20
107	CellSpace: A module for creating spatially registered laser ablation images within the Iolite freeware environment. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 700.	1.6	94
108	Assessing amino acid racemization variability in coral intra-crystalline protein for geochronological applications. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 86, 338-353.	1.6	56

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109	Human Remains from the Pleistocene-Holocene Transition of Southwest China Suggest a Complex Evolutionary History for East Asians. PLoS ONE, 2012, 7, e31918.	1.1	62
110	Absolute Dating of Cave Art. Science, 2012, 336, 1387-1388.	6.0	10
111	U/Pb dating of a terminal Pliocene coral from the Indonesian Seaway. Marine Geology, 2012, 311-314, 57-62.	0.9	12
112	<i>Australopithecus sediba</i> at 1.977 Ma and Implications for the Origins of the Genus <i>Homo</i> . Science, 2011, 333, 1421-1423.	6.0	185
113	Iolite: Freeware for the visualisation and processing of mass spectrometric data. Journal of Analytical Atomic Spectrometry, 2011, 26, 2508.	1.6	2,629
114	A chronology for Late Quaternary weathering in the Murray Basin, southeastern Australia: evidence from $^{230}\text{Th}/\text{U}$ dating of secondary uranium phosphates in the Lake Boga and Wycheproof granites, Victoria. Australian Journal of Earth Sciences, 2011, 58, 835-845.	0.4	10
115	Correlations of cave levels, stream terraces and planation surfaces along the River Murá—Timing of landscape evolution along the eastern margin of the Alps. Geomorphology, 2011, 134, 62-78.	1.1	46
116	High-resolution stalagmite reconstructions of Australian—Indonesian monsoon rainfall variability during Heinrich stadial 3 and Greenland interstadial 4. Earth and Planetary Science Letters, 2011, 303, 133-142.	1.8	38
117	A diverse Pleistocene marsupial trackway assemblage from the Victorian Volcanic Plains, Australia. Quaternary Science Reviews, 2011, 30, 591-610.	1.4	15
118	Stratigraphic evidence for a —pluvial phase—between ca 8200—7100—ka from Renella cave (Central Italy). Quaternary Science Reviews, 2011, 30, 409-417.	1.4	48
119	Rapid U-series dating of young fossil corals by laser ablation MC-ICPMS. Quaternary Geochronology, 2011, 6, 195-206.	0.6	28
120	High resolution LA-ICP-MS mapping of U and Th isotopes in an early Pleistocene equid tooth from Fuente Nueva-3 (Orce, Andalusia, Spain). Quaternary Geochronology, 2011, 6, 458-467.	0.6	61
121	Dating the Lascaux Cave Gour Formation. Radiocarbon, 2011, 53, 479-500.	0.8	15
122	The challenge of dating early pleistocene fossil teeth by the combined uranium series—electron spin resonance method: the Venta Micena palaeontological site (Orce, Spain). Journal of Quaternary Science, 2011, 26, 603-615.	1.1	49
123	Abrupt millennial-scale changes in intensity of Southern Hemisphere westerly winds during marine isotope stages 2—4. Geology, 2011, 39, 455-458.	2.0	59
124	Continental aridification and the vanishing of Australia's megalakes. Geology, 2011, 39, 167-170.	2.0	78
125	Structural and host rock controls on the distribution, morphology and mineralogy of speleothems in the Castañar Cave (Spain). Geological Magazine, 2011, 148, 211-225.	0.9	25
126	Manganese stromatolites in caves: El Soplao (Cantabria, Spain). Geology, 2010, 38, 1119-1122.	2.0	44

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127	Timing and dynamics of Late Pleistocene mammal extinctions in southwestern Australia. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22157-22162.	3.3	78
128	Speleothem climate records from deep time? Exploring the potential with an example from the Permian. Geology, 2010, 38, 455-458.	2.0	82
129	Improved laser ablation U-Pb zircon geochronology through robust downhole fractionation correction. Geochemistry, Geophysics, Geosystems, 2010, 11, .	1.0	820
130	Evidence for Holocene changes in Australian-Indonesian monsoon rainfall from stalagmite trace element and stable isotope ratios. Earth and Planetary Science Letters, 2010, 292, 27-38.	1.8	112
131	Younger Dryas-Holocene temperature and rainfall history of southern Indonesia from $\delta^{18}O$ in speleothem calcite and fluid inclusions. Earth and Planetary Science Letters, 2010, 295, 30-36.	1.8	65
132	Organic compounds preserved in a 2.9million year old stalagmite from the Nullarbor Plain, Australia. Chemical Geology, 2010, 279, 101-105.	1.4	26
133	The challenge of direct dating old human fossils. Quaternary International, 2010, 223-224, 87-93.	0.7	47
134	Evidence for Obliquity Forcing of Glacial Termination II. Science, 2009, 325, 1527-1531.	6.0	189
135	Increasing Australian-Indonesian monsoon rainfall linked to early Holocene sea-level rise. Nature Geoscience, 2009, 2, 636-639.	5.4	294
136	Fossil dripwater in stalagmites reveals Holocene temperature and rainfall variation in Amazonia. Earth and Planetary Science Letters, 2008, 275, 54-60.	1.8	201
137	Re-Os geochronology and isotope systematics of the Tanami, Tennant Creek and Olympic Dam Cu-Au deposits. Australian Journal of Earth Sciences, 2008, 55, 967-981.	0.4	22
138	The environmental features of the Monte Corchia cave system (Apuan Alps, central Italy) and their effects on speleothem growth. International Journal of Speleology, 2008, 37, 153-172.	0.4	47
139	Mammalian responses to Pleistocene climate change in southeastern Australia. Geology, 2007, 35, 33.	2.0	90
140	Stalagmite evidence for the precise timing of North Atlantic cold events during the early last glacial. Geology, 2007, 35, 77.	2.0	127
141	Glacio-lacustrine aragonite deposition, meltwater evolution and glacial history during isotope stage 3 at Radok Lake, Amery Oasis, northern Prince Charles Mountains, East Antarctica. Antarctic Science, 2007, 19, 365-372.	0.5	6
142	Enhanced rainfall in the Western Mediterranean during deposition of sapropel S1: stalagmite evidence from Corchia cave (Central Italy). Quaternary Science Reviews, 2007, 26, 279-286.	1.4	201
143	An arid-adapted middle Pleistocene vertebrate fauna from south-central Australia. Nature, 2007, 445, 422-425.	13.7	130
144	Isotopic and Elemental Imaging of Geological Materials by Laser Ablation Inductively Coupled Plasma-Mass Spectrometry. Geostandards and Geoanalytical Research, 2007, 31, 331-343.	2.0	133

#	ARTICLE	IF	CITATIONS
145	U–Pb geochronology of speleothems by MC-ICPMS. <i>Quaternary Geochronology</i> , 2006, 1, 208-221.	0.6	128
146	U–Th dating of speleothems with high initial ²³⁰ Th using stratigraphical constraint. <i>Quaternary Geochronology</i> , 2006, 1, 289-295.	0.6	236
147	Rapid trace element analysis of speleothems by ELA-ICP-MS. <i>Chemical Geology</i> , 2006, 231, 102-117.	1.4	37
148	Timing and dynamics of the last deglaciation from European and North African ¹³ C stalagmite profiles—comparison with Chinese and South Hemisphere stalagmites. <i>Quaternary Science Reviews</i> , 2006, 25, 2118-2142.	1.4	236
149	U series dating of secondary U phosphates – potential for improving chronologies of Late Pleistocene pluvials. <i>ASEG Extended Abstracts</i> , 2006, 2006, 1-3.	0.1	2
150	Late Holocene drought responsible for the collapse of Old World civilizations is recorded in an Italian cave flowstone. <i>Geology</i> , 2006, 34, 101.	2.0	280
151	Stalagmite evidence for the onset of the Last Interglacial in southern Europe at 129 ± 1 ka. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	139
152	Palaeoclimatic implications of the growth history and stable isotope (¹⁸ O and ¹³ C) geochemistry of a Middle to Late Pleistocene stalagmite from central-western Italy. <i>Earth and Planetary Science Letters</i> , 2004, 227, 215-229.	1.8	108
153	Rapid and accurate U/Th dating using parallel ion-counting multi-collector ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 1346.	1.6	219
154	Multi-proxy constraints on the climatic significance of trace element records from a New Zealand speleothem. <i>Earth and Planetary Science Letters</i> , 2000, 179, 287-297.	1.8	144
155	A Detailed 31,000-Year Record of Climate and Vegetation Change, from the Isotope Geochemistry of Two New Zealand Speleothems. <i>Quaternary Research</i> , 1998, 50, 167-178.	1.0	161
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157	Rainfall Variability and the Rise and Collapse of the Mississippian Chiefdoms: Evidence From a Desoto Caverns Stalagmite. <i>Geophysical Monograph Series</i> , 0, , 35-42.	0.1	2
158	Pleistocene speleothem fracturing in the foreland of the Western Carpathians: a case study from the seismically active eastern margin of the Bohemian Massif. <i>Geological Quarterly</i> , 0, , .	0.1	3