

# Denis Scholz

## List of Publications by Year in descending order

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135  
papers

5,583  
citations

61984

43  
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91884

69  
g-index

156  
all docs

156  
docs citations

156  
times ranked

4477  
citing authors

#	ARTICLE	IF	CITATIONS
1	StalAge – An algorithm designed for construction of speleothem age models. <i>Quaternary Geochronology</i> , 2011, 6, 369-382.	1.4	292
2	Increased seasonality in Middle East temperatures during the last interglacial period. <i>Nature</i> , 2004, 429, 164-168.	27.8	251
3	Climatic dependence of stable carbon and oxygen isotope signals recorded in speleothems: From soil water to speleothem calcite. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 734-752.	3.9	203
4	Accurate trace element analysis of speleothems and biogenic calcium carbonates by LA-ICP-MS. <i>Chemical Geology</i> , 2012, 318-319, 31-44.	3.3	194
5	The Palaeoanthropocene – The beginnings of anthropogenic environmental change. <i>Anthropocene</i> , 2013, 3, 83-88.	3.3	178
6	Procedures for accurate U and Th isotope measurements by high precision MC-ICPMS. <i>International Journal of Mass Spectrometry</i> , 2007, 264, 97-109.	1.5	161
7	Climate variations of Central Asia on orbital to millennial timescales. <i>Scientific Reports</i> , 2016, 6, 36975.	3.3	136
8	Modelling fractionation of stable isotopes in stalagmites. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 7275-7289.	3.9	133
9	GSD-1G and MPI-DING Reference Glasses for In Situ and Bulk Isotopic Determination. <i>Geostandards and Geoanalytical Research</i> , 2011, 35, 193-226.	3.1	122
10	Modelling $\delta^{13}C$ and $\delta^{18}O$ in the solution layer on stalagmite surfaces. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 2592-2602.	3.9	121
11	Isotope disequilibrium effects: The influence of evaporation and ventilation effects on the carbon and oxygen isotope composition of speleothems – A model approach. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 96, 57-79.	3.9	119
12	Monitoring Bunker Cave (NW Germany): A prerequisite to interpret geochemical proxy data of speleothems from this site. <i>Journal of Hydrology</i> , 2011, 409, 682-695.	5.4	109
13	Modelling stalagmite growth and $\delta^{13}C$ as a function of drip interval and temperature. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2780-2790.	3.9	104
14	Reorganization of the North Atlantic Oscillation during early Holocene deglaciation. <i>Nature Geoscience</i> , 2016, 9, 602-605.	12.9	103
15	U-series dating of diagenetically altered fossil reef corals. <i>Earth and Planetary Science Letters</i> , 2004, 218, 163-178.	4.4	93
16	A precisely dated climate record for the last 9 kyr from three high alpine stalagmites, Spannagel Cave, Austria. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	93
17	Holocene climate variability in north-eastern Italy: potential influence of the NAO and solar activity recorded by speleothem data. <i>Climate of the Past</i> , 2012, 8, 1367-1383.	3.4	93
18	Moroccan speleothem and tree ring records suggest a variable positive state of the North Atlantic Oscillation during the Medieval Warm Period. <i>Earth and Planetary Science Letters</i> , 2013, 375, 291-302.	4.4	82

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19	Bunker Cave stalagmites: an archive for central European Holocene climate variability. <i>Climate of the Past</i> , 2012, 8, 1751-1764.	3.4	81
20	Climate and cave control on Pleistocene/Holocene calcite-to-aragonite transitions in speleothems from Morocco: Elemental and isotopic evidence. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 92, 23-47.	3.9	80
21	Disequilibrium carbon and oxygen isotope fractionation in recent cave calcite: Comparison of cave precipitates and model data. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 103, 232-244.	3.9	78
22	Modelling carbon isotopes of carbonates in cave drip water. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5219-5228.	3.9	74
23	How precise are U-series coral ages?. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 1935-1948.	3.9	72
24	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.	2.6	70
25	Dual clumped isotope thermometry resolves kinetic biases in carbonate formation temperatures. <i>Nature Communications</i> , 2020, 11, 4005.	12.8	70
26	Modelling the $\delta^{18}O$ value of cave drip water and speleothem calcite. <i>Earth and Planetary Science Letters</i> , 2010, 299, 387-397.	4.4	69
27	A comparison of different methods for speleothem age modelling. <i>Quaternary Geochronology</i> , 2012, 14, 94-104.	1.4	68
28	Investigation of the stable isotope fractionation in speleothems with laboratory experiments. <i>Quaternary International</i> , 2008, 187, 15-24.	1.5	64
29	Simulating speleothem growth in the laboratory: Determination of the stable isotope fractionation ( $\delta^{13}C$ and $\delta^{18}O$ ) between $H_2O$ , DIC and $CaCO_3$ . <i>Chemical Geology</i> , 2019, 509, 20-44.	3.3	63
30	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.	3.0	62
31	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.	9.9	62
32	$^{230}Th/U$ 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.	3.9	59
33	A new tool for palaeoclimate reconstruction: Noble gas temperatures from fluid inclusions in speleothems. <i>Earth and Planetary Science Letters</i> , 2008, 269, 408-415.	4.4	57
34	Chemical evolution of dissolved inorganic carbon species flowing in thin water films and its implications for (rapid) degassing of $CO_2$ during speleothem growth. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 107, 242-251.	3.9	55
35	Determination of aragonite trace element distribution coefficients from speleothem calcite-to-aragonite transitions. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 190, 347-367.	3.9	55
36	SISALv2: a comprehensive speleothem isotope database with multiple age-to-depth models. <i>Earth System Science Data</i> , 2020, 12, 2579-2606.	9.9	53

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37	Coarsely crystalline cryogenic cave carbonate – a new archive to estimate the Last Glacial minimum permafrost depth in Central Europe. <i>Climate of the Past</i> , 2012, 8, 1821-1837.	3.4	52
38	Stable isotope fractionation in speleothems: Laboratory experiments. <i>Chemical Geology</i> , 2010, 279, 31-39.	3.3	48
39	Millennial-scale climate variability during the last 12.5 ka recorded in a Caribbean speleothem. <i>Earth and Planetary Science Letters</i> , 2013, 361, 143-151.	4.4	48
40	Calcium Carbonate and Phosphate Reference Materials for Monitoring Bulk and Microanalytical Determination of Sr Isotopes. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 77-89.	3.1	48
41	Calcite Mg and Sr partition coefficients in cave environments: Implications for interpreting prior calcite precipitation in speleothems. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 269, 581-596.	3.9	48
42	Reconstruction of drip-water $\delta^{18}O$ based on calcite oxygen and clumped isotopes of speleothems from Bunker Cave (Germany). <i>Climate of the Past</i> , 2013, 9, 377-391.	3.4	47
43	Mid- to late Holocene changes in tropical Atlantic temperature seasonality and interannual to multidecadal variability documented in southern Caribbean corals. <i>Earth and Planetary Science Letters</i> , 2012, 331-332, 187-200.	4.4	46
44	Persistent influence of the North Atlantic hydrography on central European winter temperature during the last 9000 years. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	45
45	Diagenesis of speleothems and its effect on the accuracy of $^{230}Th/U$ -ages. <i>Chemical Geology</i> , 2014, 387, 74-86.	3.3	44
46	Lead isotope variability in speleothems – A promising new proxy for hydrological change? First results from a stalagmite from western Germany. <i>Chemical Geology</i> , 2015, 396, 143-151.	3.3	44
47	Climate spectrum estimation in the presence of timescale errors. <i>Nonlinear Processes in Geophysics</i> , 2009, 16, 43-56.	1.3	42
48	Reconstruction of late Holocene autumn/winter precipitation variability in SW Romania from a high-resolution speleothem trace element record. <i>Earth and Planetary Science Letters</i> , 2018, 499, 122-133.	4.4	41
49	Humid climate during deposition of sapropel 1 in the Mediterranean Sea: Assessing the influence on the Alps. <i>Global and Planetary Change</i> , 2010, 71, 242-248.	3.5	39
50	TERMITE: An R script for fast reduction of laser ablation inductively coupled plasma mass spectrometry data and its application to trace element measurements. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1079-1087.	1.5	39
51	A terrestrial U/Th-dated stable isotope record of the Penultimate Interglacial. <i>Earth and Planetary Science Letters</i> , 2008, 276, 283-292.	4.4	38
52	Evaluating model outputs using integrated global speleothem records of climate change since the last glacial. <i>Climate of the Past</i> , 2019, 15, 1557-1579.	3.4	37
53	Tropical Atlantic temperature seasonality at the end of the last interglacial. <i>Nature Communications</i> , 2015, 6, 6159.	12.8	35
54	Vegetation and environmental changes in tropical South America from the last glacial to the Holocene documented by multiple cave sediment proxies. <i>Earth and Planetary Science Letters</i> , 2019, 524, 115717.	4.4	35

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55	Cuban stalagmite suggests relationship between Caribbean precipitation and the Atlantic Multidecadal Oscillation during the past 1.3 ka. <i>Holocene</i> , 2012, 22, 1405-1412.	1.7	32
56	Intra- and inter-annual uranium concentration variability in a Belizean stalagmite controlled by prior aragonite precipitation: A new tool for reconstructing hydro-climate using aragonitic speleothems. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 190, 332-346.	3.9	31
57	Characterization and differentiation of rock varnish types from different environments by microanalytical techniques. <i>Chemical Geology</i> , 2017, 459, 91-118.	3.3	31
58	Evidence of warm and humid interstadials in central Europe during early MIS 3 revealed by a multi-proxy speleothem record. <i>Quaternary Science Reviews</i> , 2018, 200, 276-286.	3.0	31
59	Processes affecting the stable isotope composition of calcite during precipitation on the surface of stalagmites: Laboratory experiments investigating the isotope exchange between DIC in the solution layer on top of a speleothem and the CO <sub>2</sub> of the cave atmosphere. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 174, 247-262.	3.9	29
60	Multi-decadal to centennial hydro-climate variability and linkage to solar forcing in the Western Mediterranean during the last 1000 years. <i>Scientific Reports</i> , 2018, 8, 17446.	3.3	29
61	<sup>230</sup> Th/U-dating of fossil corals and speleothems. <i>E&amp;G Quaternary Science Journal</i> , 2008, 57, 52-76.	0.7	29
62	δ <sup>18</sup> O values of cave drip water: a promising proxy for the reconstruction of the North Atlantic Oscillation?. <i>Climate Dynamics</i> , 2015, 45, 3035-3050.	3.8	28
63	Combined records from a stalagmite from Barbados and from lake sediments in Haiti reveal variable seasonality in the Caribbean between 6.7 and 3ka BP. <i>Quaternary Science Reviews</i> , 2007, 26, 1332-1343.	3.0	26
64	Last interglacial temperature seasonality reconstructed from tropical Atlantic corals. <i>Earth and Planetary Science Letters</i> , 2016, 449, 418-429.	4.4	24
65	Sr-isotope analysis of speleothems by LA-MC-ICP-MS: High temporal resolution and fast data acquisition. <i>Chemical Geology</i> , 2017, 468, 63-74.	3.3	23
66	Carbon isotope exchange between gaseous CO <sub>2</sub> and thin solution films: Artificial cave experiments and a complete diffusion-reaction model. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 211, 28-47.	3.9	23
67	Caribbean hydroclimate and vegetation history across the last glacial period. <i>Quaternary Science Reviews</i> , 2019, 218, 75-90.	3.0	23
68	Holocene interaction of maritime and continental climate in Central Europe: New speleothem evidence from Central Germany. <i>Global and Planetary Change</i> , 2019, 176, 144-161.	3.5	23
69	Microanalytical methods for in-situ high-resolution analysis of rock varnish at the micrometer to nanometer scale. <i>Chemical Geology</i> , 2015, 411, 57-68.	3.3	22
70	Inter-hemispheric synchronicity of Holocene precipitation anomalies controlled by Earth's latitudinal insolation gradients. <i>Nature Communications</i> , 2020, 11, 5447.	12.8	22
71	Quantification of low molecular weight fatty acids in cave drip water and speleothems using HPLC-ESI-IT/MS development and validation of a selective method. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3167-3177.	3.7	21
72	Are oxygen isotope fractionation factors between calcite and water derived from speleothems systematically biased due to prior calcite precipitation (PCP)?. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 305, 212-227.	3.9	21

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73	Human adaptation strategies to abrupt climate change in Puerto Rico ca. 3.5 ka. <i>Holocene</i> , 2015, 25, 627-640.	1.7	20
74	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.	2.5	20
75	ISOLUTION 1.0: an ISOtope evoluTION model describing the stable oxygen ( $\delta^{18}\text{O}$ ) and carbon ( $\delta^{13}\text{C}$ ) isotope values of speleothems. <i>International Journal of Speleology</i> , 2019, 48, 21-32.	1.0	20
76	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.	1.7	19
77	Effects of dating errors on nonparametric trend analyses of speleothem time series. <i>Climate of the Past</i> , 2012, 8, 1637-1648.	3.4	18
78	Seasonal temperature variations controlling cave ventilation processes in Cueva Larga, Puerto Rico. <i>International Journal of Speleology</i> , 2016, 45, 259-273.	1.0	18
79	Carbonate deposits from the ancient aqueduct of Béziers, France – A high-resolution palaeoenvironmental archive for the Roman Empire. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 461, 328-340.	2.3	17
80	Late Palaeolithic cave art and permafrost in the Southern Ural. <i>Scientific Reports</i> , 2018, 8, 12080.	3.3	16
81	Speleothem $\delta^{13}\text{C}$ record suggests enhanced spring/summer drought in south-eastern Spain between 9.7 and 7.8 ka – A circum-Western Mediterranean anomaly?. <i>Holocene</i> , 2019, 29, 1113-1133.	1.7	16
82	NanoSr – A New Carbonate Microanalytical Reference Material for <i>In Situ</i> Strontium Isotope Analysis. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 69-83.	3.1	16
83	Estimating the uncertainty of coral isochron $\text{U-Th}$ ages. <i>Quaternary Geochronology</i> , 2006, 1, 279-288.	1.4	15
84	$^{230}\text{Th}/\text{U}$ -dating of a late Holocene low uranium speleothem from Cuba. <i>IOP Conference Series: Earth and Environmental Science</i> , 2010, 9, 012015.	0.3	15
85	Western Mediterranean Climate Response to Dansgaard/Oeschger Events: New Insights From Speleothem Records. <i>Geophysical Research Letters</i> , 2019, 46, 9042-9053.	4.0	15
86	Last Interglacial Hydroclimate Seasonality Reconstructed From Tropical Atlantic Corals. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 198-213.	2.9	13
87	Trace element variability in single ostracod valves as a proxy for hydrochemical change in Nam Co, central Tibet, during the Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 225-235.	2.3	12
88	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.	1.7	12
89	Tides in the Last Interglacial: insights from notch geometry and palaeo tidal models in Bonaire, Netherland Antilles. <i>Scientific Reports</i> , 2017, 7, 16241.	3.3	12
90	Hurricane Impact on Seepage Water in Larga Cave, Puerto Rico. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 879-888.	3.0	12

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91	Geochemical insights into the relationship of rock varnish and adjacent mineral dust fractions. <i>Chemical Geology</i> , 2020, 551, 119775.	3.3	12
92	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.	2.9	11
93	Presence of cave bears in western Austria before the onset of the Last Glacial Maximum: new radiocarbon dates and palaeoclimatic considerations. <i>Journal of Quaternary Science</i> , 2014, 29, 760-766.	2.1	9
94	Climate and structure of the 8.2ka event reconstructed from three speleothems from Germany. <i>Global and Planetary Change</i> , 2020, 193, 103266.	3.5	9
95	Tree-ring $\delta^2\text{H}$ values from lignin methoxyl groups indicate sensitivity to European-scale temperature changes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 546, 109665.	2.3	9
96	Climate Variability in Central Europe during the Last 2500 Years Reconstructed from Four High-Resolution Multi-Proxy Speleothem Records. <i>Geosciences (Switzerland)</i> , 2021, 11, 166.	2.2	9
97	Simulated European stalagmite record and its relation to a quasi-decadal climate mode. <i>Climate of the Past</i> , 2013, 9, 89-98.	3.4	9
98	9. U-redistribution in fossil reef corals from Barbados, West Indies, and sea-level reconstruction for MIS 6.5. <i>Developments in Quaternary Sciences</i> , 2007, 7, 119-139.	0.1	8
99	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.	3.9	8
100	Hydroclimate variability of western Thailand during the last 1400 years. <i>Quaternary Science Reviews</i> , 2020, 241, 106423.	3.0	8
101	U-series dating of fossil coral reefs: Consensus and controversy. <i>PAGES News</i> , 2009, 17, 54-56.	0.3	8
102	The effects of drip rate and geometry on the isotopic composition of speleothems: Evaluation with an advection-diffusion-reaction model. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 317, 409-432.	3.9	8
103	$^{230}\text{Th}/\text{U}$ -dating of carbonate deposits from ancient aqueducts. <i>Quaternary Geochronology</i> , 2016, 32, 40-52.	1.4	7
104	Monitoring of Cueva Larga, Puerto Rico – A First Step to Decode Speleothem Climate Records. <i>Advances in Karst Science</i> , 2018, , 319-331.	0.3	7
105	Lignin oxidation products as a potential proxy for vegetation and environmental changes in speleothems and cave drip water – a first record from the Herbstlabyrinth, central Germany. <i>Climate of the Past</i> , 2019, 15, 1025-1037.	3.4	7
106	Evaluating the potential of tree-ring methodology for cross-dating of three annually laminated stalagmites from Zoolithencave (SE Germany). <i>Quaternary Geochronology</i> , 2019, 52, 37-50.	1.4	7
107	Warfare dendrochronology: Trees witness the deployment of the German battleship Tirpitz in Norway. <i>Anthropocene</i> , 2019, 27, 100212.	3.3	7
108	Three large prehistoric earthquakes in the Eastern Alps evidenced by cave rupture and speleothem damage. <i>Geomorphology</i> , 2022, 408, 108242.	2.6	7

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109	Changes to Yucatán Peninsula precipitation associated with salinity and temperature extremes of the Caribbean Sea during the Maya civilization collapse. <i>Scientific Reports</i> , 2017, 7, 15825.	3.3	6
110	Coarse-grained cryogenic aragonite as end-member of mineral formation in dolomite caves. <i>Sedimentary Geology</i> , 2018, 376, 136-146.	2.1	6
111	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, .	1.8	6
112	Temperature and precipitation records from stalagmites grown under disequilibrium conditions: A first approach. <i>PAGES News</i> , 2008, 13, 19-20.	0.3	6
113	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.	3.9	6
114	Co-seismic deformation of the 2017 Mw 6.6 Bodrumâ€“Kos earthquake in speleothems of Korakia Cave (Pserimos, Dodecanese, Greece). <i>Geomorphology</i> , 2022, 402, 108137.	2.6	6
115	Multiphase formation of Weichselian cryogenic calcites, Riesenberg Cave (SÄ¼ntel/NW Germany). <i>Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften</i> , 2013, 164, 353-367.	0.4	5
116	Sensitivity of whole wood stable carbon and oxygen isotope values to milling procedures. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1371-1375.	1.5	5
117	Quantification of lignin oxidation products as vegetation biomarkers in speleothems and cave drip water. <i>Biogeosciences</i> , 2018, 15, 5831-5845.	3.3	5
118	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.	3.0	5
119	On the generation and degradation of emerged coral reef terrace sequences: First cosmogenic <sup>36</sup> Cl analysis at Cape Laundi, Sumba Island (Indonesia). <i>Quaternary Science Reviews</i> , 2021, 269, 107144.	3.0	5
120	Last glacial millennial-scale hydro-climate and temperature changes in Puerto Rico constrained by speleothem fluid inclusion <sup>18</sup> O and <sup>2</sup> H values. <i>Climate of the Past</i> , 2022, 18, 167-181.	3.4	5
121	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.	2.5	4
122	Weichselzeitliche Kryocalcite als Hinweise für Eisseen in der Hüttenblärserschachthöhle (Iserlohn/NRW). <i>E&amp;G Quaternary Science Journal</i> , 2015, 64, 67-81.	0.7	4
123	<sup>230</sup> Th/U Dating of Travertines Related to Paleoearthquakes in Gorny Altai: First Results. <i>Doklady Earth Sciences</i> , 2021, 500, 820-825.	0.7	4
124	High-resolution stalagmite stratigraphy supports the Late Holocene tephrochronology of southernmost Patagonia. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	6.8	3
125	Deformation and uplift at the transition from oceanic to continental subduction, Sumba Island, Indonesia. <i>Journal of Asian Earth Sciences</i> , 2022, 236, 105316.	2.3	3
126	40. Chronology and climate forcing of the last four interglacials. <i>Developments in Quaternary Sciences</i> , 2007, 7, 597-614.	0.1	2



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127	Numerical age dating of cave sediments to quantify vertical movement at the Alpine-Carpathian transition in the Plio- and Pleistocene. <i>Geologica Carpathica</i> , 2021, 71, .	0.7	2
128	Unusual internal structure of cm-sized coldwater calcite: Weichselian spars in former pools of the Zinnbergschacht Cave (Franconian Alb/SE Germany). <i>International Journal of Speleology</i> , 2018, 47, 145-154.	1.0	2
129	Investigation of disequilibrium clumped isotope fractionation in (speleothem) CaCO <sub>3</sub> with cave analogous laboratory experiments using thin films of flowing solution. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 321, 244-264.	3.9	2
130	The impact of seasonal and eventâ€based infiltration on transition metals (Cu, Ni, Co) in tropical cave drip water. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9278.	1.5	2
131	Cave bear occupation in Schwabenreith Cave, Austria, during the early last glacial: constraints from <sup>230</sup> Th/Uâ€dated speleothems. <i>Journal of Quaternary Science</i> , 2019, 34, 424-432.	2.1	1
132	Lignin oxidation products in soil, dripwater and speleothems from four different sites in New Zealand. <i>Biogeosciences</i> , 2021, 18, 2289-2300.	3.3	1
133	Speleogenesis of the HermannshÃ¶hle cave system (Austria): Constraints from <sup>230</sup> Th/U-dating and palaeomagnetic analysis. <i>International Journal of Speleology</i> , 2015, 44, 315-326.	1.0	1
134	Development of a method for anodic degradation of lignin for the analysis of paleoâ€vegetation proxies in speleothems. <i>ChemElectroChem</i> , 0, , .	3.4	1
135	<sup>238</sup> U/ <sup>206</sup> Pb age of the fossil sinter crust (flowstone) covering fault walls of a Badenian neptunian dyke (DevÃn quarry, Western Carpathians). <i>Geologica Carpathica</i> , 2022, 73, .	0.7	0