

List of Publications by Year in descending order

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63
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docs citations

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7155
citing authors

#	ARTICLE	IF	CITATIONS
1	lolite: Freeware for the visualisation and processing of mass spectrometric data. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 2508.	1.6	2,629
2	Improvements in ^{230}Th dating, ^{230}Th and ^{234}U half-life values, and U^{235}/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
3	Zircon Hf-isotope analysis with an excimer laser, depth profiling, ablation of complex geometries, and concomitant age estimation. <i>Chemical Geology</i> , 2004, 209, 121-135.	1.4	813
4	High field strength and transition element systematics in island arc and back-arc basin basalts: Evidence for multi-phase melt extraction and a depleted mantle wedge. <i>Earth and Planetary Science Letters</i> , 1993, 114, 491-504.	1.8	565
5	A simple method for obtaining highly accurate Pb isotope data by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 1381-1385.	1.6	219
6	In situ Sr-isotope analysis of carbonates by LA-MC-ICP-MS: interference corrections, high spatial resolution and an example from otolith studies. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 22.	1.6	190
7	Age and pyrite Pb-isotopic composition of the giant Sukhoi Log sediment-hosted gold deposit, Russia. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2377-2391.	1.6	151
8	Basalt and Sediment Geochemistry and Magma Petrogenesis in a Transect from Oceanic Island Arc to Rifted Continental Margin Arc: the Kermadec-Hikurangi Margin, SW Pacific. <i>Journal of Petrology</i> , 1996, 37, 1523-1546.	1.1	139
9	U^{235}/Pb geochronology of speleothems by MC-ICPMS. <i>Quaternary Geochronology</i> , 2006, 1, 208-221.	0.6	128
10	CellSpace: A module for creating spatially registered laser ablation images within the lolite freeware environment. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 700.	1.6	94
11	Speleothem climate records from deep time? Exploring the potential with an example from the Permian. <i>Geology</i> , 2010, 38, 455-458.	2.0	82
12	Developing a radiometrically-dated chronologic sequence for Neogene biotic change in Australia, from the Riversleigh World Heritage Area of Queensland. <i>Gondwana Research</i> , 2016, 29, 153-167.	3.0	79
13	African kimberlites revisited: In situ Sr-isotope analysis of groundmass perovskite. <i>Lithos</i> , 2009, 112, 311-317.	0.6	78
14	In situ Pb-isotope analysis of pyrite by laser ablation (multi-collector and quadrupole) ICPMS. <i>Chemical Geology</i> , 2009, 262, 344-354.	1.4	74
15	Improving isochron calculations with robust statistics and the bootstrap. <i>Chemical Geology</i> , 2002, 185, 191-204.	1.4	66
16	Kimberlites as Geochemical Probes of Earth's Mantle. <i>Elements</i> , 2019, 15, 387-392.	0.5	66
17	Hf-Nd isotope variation in Mariana Trough basalts: The importance of 'ambient mantle' in the interpretation of subduction zone magmas. <i>Geology</i> , 2012, 40, 539-542.	2.0	64
18	'Cryptic' diagenesis and its implications for speleothem geochronologies. <i>Quaternary Science Reviews</i> , 2016, 148, 17-28.	1.4	64

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19	Kimberlites reveal 2.5-billion-year evolution of a deep, isolated mantle reservoir. <i>Nature</i> , 2019, 573, 578-581.	13.7	64
20	Palaeozoic Intraplate Crustal Anatexis in the Mount Painter Province, South Australia: Timing, Thermal Budgets and the Role of Crustal Heat Production. <i>Journal of Petrology</i> , 2006, 47, 2281-2302.	1.1	59
21	In-situ assimilation of mantle minerals by kimberlitic magmas – Direct evidence from a garnet wehrlite xenolith entrained in the Bultfontein kimberlite (Kimberley, South Africa). <i>Lithos</i> , 2016, 256-257, 182-196.	0.6	57
22	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
23	The effect of habitat and environmental history on otolith chemistry of barramundi Lates calcarifer in estuarine populations of a regulated tropical river. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 78, 301-315.	0.9	51
24	Louisville seamount subduction and its implication on mantle flow beneath the central Tonga–Kermadec arc. <i>Nature Communications</i> , 2013, 4, 1720.	5.8	49
25	U and Pb variability in older speleothems and strategies for their chronology. <i>Quaternary Geochronology</i> , 2012, 14, 105-113.	0.6	45
26	Subduction of the oceanic Hikurangi Plateau and its impact on the Kermadec arc. <i>Nature Communications</i> , 2014, 5, 4923.	5.8	45
27	Pluvial periods in Southern Arabia over the last 1.1 million-years. <i>Quaternary Science Reviews</i> , 2020, 229, 106112.	1.4	45
28	New dating evidence of the early presence of hominins in Southern Europe. <i>Scientific Reports</i> , 2017, 7, 10074.	1.6	40
29	The big crunch: Physical and chemical expressions of arc/continent collision in the Western Bismarck arc. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 190, 11-24.	0.8	39
30	Beyond 500 ka: Progress and prospects in the U Pb chronology of speleothems, and their application to studies in palaeoclimate, human evolution, biodiversity and tectonics. <i>Chemical Geology</i> , 2012, 322-323, 290-299.	1.4	39
31	The unique preservational environment of the Early Permian (Cisuralian) fossiliferous cave deposits of the Richards Spur locality, Oklahoma. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 475, 1-11.	1.0	39
32	The 4.2‰ka event in the central Mediterranean: new data from a Corchia speleothem (Apuan Alps). <i>Journal of Quaternary Science</i> , 2017, 137, 1-11.	1.3	32
33	Subduction zone Hf-anomalies: Mantle messenger, melting artefact or crustal process?. <i>Earth and Planetary Science Letters</i> , 2011, 304, 231-239.	1.8	30
34	Recruitment sources and dispersal of an invasive fish in a large river system as revealed by otolith chemistry analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 953-963.	0.7	30
35	Origin of Silicic Magmas at Spreading Centres – an Example from the South East Rift, Manus Basin. <i>Journal of Petrology</i> , 2015, 56, 255-272.	1.1	29
36	Early last glacial intra-interstadial climate variability recorded in a Sardinian speleothem. <i>Quaternary Science Reviews</i> , 2017, 169, 391-397.	1.4	27

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37	Organic compounds preserved in a 2.9million year old stalagmite from the Nullarbor Plain, Australia. <i>Chemical Geology</i> , 2010, 279, 101-105.	1.4	26
38	Geochemical evolution of Monowai volcanic center: New insights into the northern Kermadec arc subduction system, SW Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	26
39	Uncertainties on lead isotope analyses:deconvolution in the double-spike method. <i>Chemical Geology</i> , 1998, 148, 95-104.	1.4	24
40	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
41	Migration to freshwater increases growth rates in a facultatively catadromous tropical fish. <i>Oecologia</i> , 2019, 191, 253-260.	0.9	23
42	Tungsten-182 evidence for an ancient kimberlite source. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
43	Robust isochron calculation. <i>Geochronology</i> , 2020, 2, 325-342.	1.0	21
44	High-resolution Uâ€“Pb dating of an Early Pleistocene stalagmite from Corchia Cave (central Italy). <i>Quaternary Geochronology</i> , 2012, 14, 5-17.	0.6	20
45	Exploring the advantages and limitations of in situ Uâ€“Pb carbonate geochronology using speleothems. <i>Geochronology</i> , 2019, 1, 69-84.	1.0	20
46	Asthenospheric outflow from the shrinking Philippine Sea Plate: Evidence from Hfâ€“Nd isotopes of southern Mariana lavas. <i>Earth and Planetary Science Letters</i> , 2017, 478, 258-271.	1.8	17
47	Magnesium in subaqueous speleothems as a potential palaeotemperature proxy. <i>Nature Communications</i> , 2020, 11, 5027.	5.8	16
48	A comparison of geochronological methods commonly applied to kimberlites and related rocks: Three case studies from Finland. <i>Chemical Geology</i> , 2020, 558, 119899.	1.4	16
49	U/Pb dating of a terminal Pliocene coral from the Indonesian Seaway. <i>Marine Geology</i> , 2012, 311-314, 57-62.	0.9	12
50	Gondwana margin evolution from zircon REE, O and Hf signatures of Western Province gneisses, Zealandia. <i>Geological Society Special Publication</i> , 2015, 389, 323-353.	0.8	12
51	Measuring 0.01â€° to 0.1â€° isotopic variations by MC-ICPMSâ€”testing limits for the first time with Pb î“iCRMs. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 407.	1.6	11
52	Using speleothems to constrain late Cenozoic uplift rates in karst terranes. <i>Geology</i> , 2020, 48, 755-760.	2.0	11
53	A single-column extraction chemistry for isotope dilution U-Pb dating of carbonate. <i>Chemical Geology</i> , 2020, 531, 119311.	1.4	10
54	Otolith chemistry delineates the influence of natal origin, dispersal and flow on the population		

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55	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
56	An exploration of the utility of speleothem age distributions for palaeoclimate assessment. <i>Quaternary Geochronology</i> , 2020, 60, 101112.	0.6	7
57	Constraints on the Miocene landscape evolution of the Eastern Alps from the Kalkspitze region, Niedere Tauern (Austria). <i>Geomorphology</i> , 2017, 299, 24-38.	1.1	6
58	Timescales of speleogenesis in an evolving syngenetic karst: The Tamala Limestone, Western Australia. <i>Geomorphology</i> , 2022, 399, 108079.	1.1	6
59	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
60	A model for the formation of layered soda-straw stalactites. <i>International Journal of Speleology</i> , 2013, 42, 155-160.	0.4	5
61	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
62	The utility of rapid throughput single-collector sector-field ICP-MS for soil Pb isotope studies. <i>Applied Geochemistry</i> , 2022, 143, 105361.	1.4	3