

List of Publications by Year in descending order

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62
papers

7,640
citations

136740

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118652

62
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63
docs citations

63
times ranked

7155
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	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
3	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
4	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
5	Otolith chemistry delineates the influence of natal origin, dispersal and flow on the population		

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19	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
20	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
21	Early last glacial intra-interstadial climate variability recorded in a Sardinian speleothem. <i>Quaternary Science Reviews</i> , 2017, 169, 391-397.	1.4	27
22	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
23	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
24	New dating evidence of the early presence of hominins in Southern Europe. <i>Scientific Reports</i> , 2017, 7, 10074.	1.6	40
25	Asthenospheric outflow from the shrinking Philippine Sea Plate: Evidence from Hf ¹⁷⁶ /Nd isotopes of southern Mariana lavas. <i>Earth and Planetary Science Letters</i> , 2017, 478, 258-271.	1.8	17
26	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
27	–Cryptic–diagenesis and its implications for speleothem geochronologies. <i>Quaternary Science Reviews</i> , 2016, 148, 17-28.	1.4	64
28	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
29	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
30	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
31	Subduction of the oceanic Hikurangi Plateau and its impact on the Kermadec arc. <i>Nature Communications</i> , 2014, 5, 4923.	5.8	45
32	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
33	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
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	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
36	A model for the formation of layered soda-straw stalactites. <i>International Journal of Speleology</i> , 2013, 42, 155-160.	0.4	5

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37	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
38	U and Pb variability in older speleothems and strategies for their chronology. <i>Quaternary Geochronology</i> , 2012, 14, 105-113.	0.6	45
39	High-resolution U ²³⁵ Pb dating of an Early Pleistocene stalagmite from Corchia Cave (central Italy). <i>Quaternary Geochronology</i> , 2012, 14, 5-17.	0.6	20
40	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
41	Hf-Nd isotope variation in Mariana Trough basalts: The importance of ϵ_{amb} in the interpretation of subduction zone magmas. <i>Geology</i> , 2012, 40, 539-542.	2.0	64
42	U/Pb dating of a terminal Pliocene coral from the Indonesian Seaway. <i>Marine Geology</i> , 2012, 311-314, 57-62.	0.9	12
43	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
44	Iolite: Freeware for the visualisation and processing of mass spectrometric data. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 2508.	1.6	2,629
45	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
46	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
47	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
48	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
49	African kimberlites revisited: In situ Sr-isotope analysis of groundmass perovskite. <i>Lithos</i> , 2009, 112, 311-317.	0.6	78
50	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
51	Measuring 0.01‰ to 0.1‰ isotopic variations by MC-ICPMS – testing limits for the first time with Pb δ^{207} -iCRMs. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 407.	1.6	11
52	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
53	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
54	U ²³⁵ Pb geochronology of speleothems by MC-ICPMS. <i>Quaternary Geochronology</i> , 2006, 1, 208-221.	0.6	128

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55	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
56	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
57	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
58	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
59	Improving isochron calculations with robust statistics and the bootstrap. <i>Chemical Geology</i> , 2002, 185, 191-204.	1.4	66
60	Uncertainties on lead isotope analyses: deconvolution in the double-spike method. <i>Chemical Geology</i> , 1998, 148, 95-104.	1.4	24
61	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
62	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