

# Jian-xin Zhao

## List of Publications by Year in descending order

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331  
papers

13,056  
citations

19657

61  
h-index

43889

91  
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341  
all docs

341  
docs citations

341  
times ranked

9121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Archaeology and age of a new hominin from Flores in eastern Indonesia. <i>Nature</i> , 2004, 431, 1087-1091.	27.8	509
2	Increasing Australian–Indonesian monsoon rainfall linked to early Holocene sea-level rise. <i>Nature Geoscience</i> , 2009, 2, 636-639.	12.9	294
3	A methanotrophic archaeon couples anaerobic oxidation of methane to Fe(III) reduction. <i>ISME Journal</i> , 2018, 12, 1929-1939.	9.8	266
4	Revised stratigraphy and chronology for <i>Homo floresiensis</i> at Liang Bua in Indonesia. <i>Nature</i> , 2016, 532, 366-369.	27.8	252
5	Characterisation of a plume-related $\sim$ 800 Ma magmatic event and its implications for basin formation in central-southern Australia. <i>Earth and Planetary Science Letters</i> , 1994, 121, 349-367.	4.4	237
6	Rare earth element geochemistry of scleractinian coral skeleton during meteoric diagenesis: a sequence through neomorphism of aragonite to calcite. <i>Sedimentology</i> , 2009, 56, 1433-1463.	3.1	210
7	An early modern human presence in Sumatra 73,000–63,000 years ago. <i>Nature</i> , 2017, 548, 322-325.	27.8	200
8	Palaeolithic cave art in Borneo. <i>Nature</i> , 2018, 564, 254-257.	27.8	169
9	Earliest hunting scene in prehistoric art. <i>Nature</i> , 2019, 576, 442-445.	27.8	147
10	Hydrothermal CO <sub>2</sub> degassing in seismically active zones during the late Quaternary. <i>Chemical Geology</i> , 2009, 265, 442-454.	3.3	142
11	Age and biostratigraphic significance of the Punung Rainforest Fauna, East Java, Indonesia, and implications for Pongo and Homo. <i>Journal of Human Evolution</i> , 2007, 53, 709-717.	2.6	141
12	Stalagmite evidence for the onset of the Last Interglacial in southern Europe at 129 $\pm$ 1 ka. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	139
13	U-Series dating of Liujiang hominid site in Guangxi, Southern China. <i>Journal of Human Evolution</i> , 2002, 43, 817-829.	2.6	138
14	Geochemical and Sm–Nd isotopic study of Neoproterozoic ophiolites from southeastern China: petrogenesis and tectonic implications. <i>Precambrian Research</i> , 1997, 81, 129-144.	2.7	134
15	U-series dating and geochemical tracing of late Quaternary travertine in co-seismic fissures. <i>Earth and Planetary Science Letters</i> , 2007, 257, 450-462.	4.4	130
16	Rapid interhemispheric climate links via the Australasian monsoon during the last deglaciation. <i>Nature Communications</i> , 2013, 4, 2908.	12.8	130
17	Thermal ionization mass spectrometry U-series dating of a hominid site near Nanjing, China. <i>Geology</i> , 2001, 29, 27.	4.4	129
18	Plume-lithosphere interaction in the generation of the Tarim large igneous province, NW China: Geochronological and geochemical constraints. <i>Numerische Mathematik</i> , 2014, 314, 314-356.	1.4	120

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19	Reconstruction of storm/tsunami records over the last 4000 years using transported coral blocks and lagoon sediments in the southern South China Sea. <i>Quaternary International</i> , 2009, 195, 128-137.	1.5	113
20	Evidence for Holocene changes in Australian–Indonesian monsoon rainfall from stalagmite trace element and stable isotope ratios. <i>Earth and Planetary Science Letters</i> , 2010, 292, 27-38.	4.4	112
21	Responses of Quaternary rainforest vertebrates to climate change in Australia. <i>Earth and Planetary Science Letters</i> , 2007, 264, 317-331.	4.4	111
22	Modern human teeth from Late Pleistocene Luna Cave (Guangxi, China). <i>Quaternary International</i> , 2014, 354, 169-183.	1.5	111
23	Palaeoclimatic implications of the growth history and stable isotope ( $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ ) geochemistry of a Middle to Late Pleistocene stalagmite from central-western Italy. <i>Earth and Planetary Science Letters</i> , 2004, 227, 215-229.	4.4	108
24	Sm-Nd and U-Pb zircon isotopic constraints on the provenance of sediments from the Amadeus Basin, central Australia: Evidence for REE fractionation. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 921-940.	3.9	107
25	Palaeoecological evidence of a historical collapse of corals at Pelorus Island, inshore Great Barrier Reef, following European settlement. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122100.	2.6	102
26	Geochemical and isotopic studies of syenites from the Yamato Mountains, East Antarctica: Implications for the origin of syenitic magmas. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 1363-1382.	3.9	101
27	Late Pleistocene to Holocene composite speleothem $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ chronologies from South Island, New Zealand—did a global Younger Dryas really exist?. <i>Earth and Planetary Science Letters</i> , 2005, 230, 301-317.	4.4	97
28	Last appearance of <i>Homo erectus</i> at Ngandong, Java, 117,000–108,000 years ago. <i>Nature</i> , 2020, 577, 381-385.	27.8	97
29	Oldest cave art found in Sulawesi. <i>Science Advances</i> , 2021, 7, .	10.3	91
30	High-precision $^{238}\text{U}$ – $^{234}\text{U}$ – $^{230}\text{Th}$ disequilibrium dating of the recent past: a review. <i>Quaternary Geochronology</i> , 2009, 4, 423-433.	1.4	90
31	Mid–late Holocene monsoon climate retrieved from seasonal Sr/Ca and $\delta^{18}\text{O}$ records of <i>Porites lutea</i> corals at Leizhou Peninsula, northern coast of South China Sea. <i>Global and Planetary Change</i> , 2005, 47, 301-316.	3.5	89
32	$\delta^{18}\text{O}$ , Sr/Ca and Mg/Ca records of <i>Porites lutea</i> corals from Leizhou Peninsula, northern South China Sea, and their applicability as paleoclimatic indicators. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 218, 57-73.	2.3	89
33	Geochemical and Nd isotopic systematics of granites from the Arunta Inlier, central Australia: implications for Proterozoic crustal evolution. <i>Precambrian Research</i> , 1995, 71, 265-299.	2.7	88
34	U-series dating of dead <i>Porites</i> corals in the South China sea: Evidence for episodic coral mortality over the past two centuries. <i>Quaternary Geochronology</i> , 2006, 1, 129-141.	1.4	88
35	Geochemical and Sr–Nd isotopic study of charnockites and related rocks in the northern Prince Charles Mountains, East Antarctica: implications for charnockite petrogenesis and proterozoic crustal evolution. <i>Precambrian Research</i> , 1997, 81, 37-66.	2.7	85
36	Western Pacific hydroclimate linked to global climate variability over the past two millennia. <i>Nature Communications</i> , 2016, 7, 11719.	12.8	83

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37	Integration of ice-core, marine and terrestrial records for the Australian Last Glacial Maximum and Termination: a contribution from the OZ INTIMATE group. <i>Journal of Quaternary Science</i> , 2006, 21, 751-761.	2.1	81
38	Seismic cycles recorded in late Quaternary calcite veins: Geochronological, geochemical and microstructural evidence. <i>Earth and Planetary Science Letters</i> , 2011, 303, 84-96.	4.4	81
39	Geochemical and Sr–Nd isotopic mapping of source provinces for the Mawson charnockites, east Antarctica: implications for Proterozoic tectonics and Gondwana reconstruction. <i>Precambrian Research</i> , 1997, 86, 1-19.	2.7	79
40	Climatic fluctuations during the LIA and post-LIA in the Kumaun Lesser Himalaya, India: Evidence from a 400-yr old stalagmite record. <i>Quaternary International</i> , 2012, 263, 129-138.	1.5	79
41	Discerning the timing and cause of historical mortality events in modern Porites from the Great Barrier Reef. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 138, 57-80.	3.9	76
42	High-frequency winter cooling and reef coral mortality during the Holocene climatic optimum. <i>Earth and Planetary Science Letters</i> , 2004, 224, 143-155.	4.4	75
43	Speleothem-derived Asian summer monsoon variations in Central China, 54–46 ka. <i>Journal of Quaternary Science</i> , 2011, 26, 781-790.	2.1	74
44	Testing the precision and accuracy of the U–Th chronometer for dating coral mortality events in the last 100 years. <i>Quaternary Geochronology</i> , 2014, 23, 35-45.	1.4	74
45	High Precision U/Th Dating of First Polynesian Settlement. <i>PLoS ONE</i> , 2012, 7, e48769.	2.5	73
46	Holocene marine $^{14}\text{C}$ reservoir age variability: Evidence from $^{230}\text{Th}$ -dated corals in the South China Sea. <i>Paleoceanography</i> , 2010, 25, .	3.0	72
47	Coral skeletal geochemistry as a monitor of inshore water quality. <i>Science of the Total Environment</i> , 2016, 566-567, 652-684.	8.0	72
48	Sm–Nd mineral isochron ages of Late Proterozoic dyke swarms in Australia: evidence for two distinctive events of mafic magmatism and crustal extension. <i>Chemical Geology</i> , 1993, 109, 341-354.	3.3	71
49	Melting of a subduction-modified continental lithospheric, mantle: Evidence from Late Proterozoic mafic dike swarms, in central Australia. <i>Geology</i> , 1993, 21, 463.	4.4	71
50	Speleothem stable isotope records interpreted within a multi-proxy framework and implications for New Zealand palaeoclimate reconstruction. <i>Quaternary International</i> , 2008, 187, 52-75.	1.5	71
51	Interspecies and spatial diversity in the symbiotic zooxanthellae density in corals from northern South China Sea and its relationship to coral reef bleaching. <i>Science Bulletin</i> , 2008, 53, 295-303.	1.7	70
52	Geochronology of cave deposits at Liang Bua and of adjacent river terraces in the Wae Racang valley, western Flores, Indonesia: a synthesis of age estimates for the type locality of <i>Homo floresiensis</i> . <i>Journal of Human Evolution</i> , 2009, 57, 484-502.	2.6	70
53	Lithosphere thinning beneath west North China Craton: Evidence from geochemical and Sr–Nd–Hf isotope compositions of Jining basalts. <i>Lithos</i> , 2014, 202-203, 37-54.	1.4	69
54	Sm–Nd dating and rare-earth element tracing of calcite: Implications for fluid-flow events in the Bowen Basin, Australia. <i>Chemical Geology</i> , 2007, 238, 63-71.	3.3	68

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55	Processes of crust formation in the early Earth imaged through Hf isotopes from the East Pilbara Terrane. <i>Precambrian Research</i> , 2017, 297, 56-76.	2.7	67
56	Prehistorical and historical declines in Caribbean coral reef accretion rates driven by loss of parrotfish. <i>Nature Communications</i> , 2017, 8, 14160.	12.8	66
57	Storm cycles in the last millennium recorded in Yongshu Reef, southern South China Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 210, 89-100.	2.3	65
58	Younger Dryasâ€“Holocene temperature and rainfall history of southern Indonesia from $\delta^{18}O$ in speleothem calcite and fluid inclusions. <i>Earth and Planetary Science Letters</i> , 2010, 295, 30-36.	4.4	65
59	Bayesian Modeling and Chronological Precision for Polynesian Settlement of Tonga. <i>PLoS ONE</i> , 2015, 10, e0120795.	2.5	65
60	ICP-MS trace element analysis of Song dynasty porcelains from Ding, Jiexiu and Guantai kilns, north China. <i>Journal of Archaeological Science</i> , 2005, 32, 251-259.	2.4	64
61	An 80â€‰kyr-long continuous speleothem record from Dim Cave, SW Turkey with paleoclimatic implications for the Eastern Mediterranean. <i>Scientific Reports</i> , 2015, 5, 13560.	3.3	64
62	Tracking deep crust by zircon xenocrysts within igneous rocks from the northern Alxa, China: Constraints on the southern boundary of the Central Asian Orogenic Belt. <i>Journal of Asian Earth Sciences</i> , 2015, 108, 150-169.	2.3	64
63	Twenty-five years of change in scleractinian coral communities of Daya Bay (northern South China) Tj ETQq1 1 0.784314 rgBT /Overlo	9.0	63
64	Instability in a marginal coral reef: the shift from natural variability to a humanâ€‰dominated seascape. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 154-160.	4.0	63
65	East Asian Summer Monsoon variations in the past 12.5ka: High-resolution $\delta^{18}O$ record from a precisely dated aragonite stalagmite in central China. <i>Journal of Asian Earth Sciences</i> , 2013, 73, 162-175.	2.3	63
66	Ore genesis of the Fule Pb Zn deposit and its relationship with the Emeishan Large Igneous Province: Evidence from mineralogy, bulk C O S and in situ S Pb isotopes. <i>Gondwana Research</i> , 2018, 54, 161-179.	6.0	63
67	Overpressure generation and evolution in Lower Paleozoic gas shales of the Jiaoshiba region, China: Implications for shale gas accumulation. <i>Marine and Petroleum Geology</i> , 2019, 102, 844-859.	3.3	62
68	Sea surface temperature records in the northern South China Sea from midâ€‰Holocene coral Sr/Ca ratios. <i>Paleoceanography</i> , 2007, 22, .	3.0	61
69	Cenozoic alkali basalts from Jingpohu, NE China: The role of lithosphereâ€‰asthenosphere interaction. <i>Journal of Asian Earth Sciences</i> , 2008, 33, 106-121.	2.3	61
70	Climate, people and faunal succession on Java, Indonesia: evidence from Song Gupuh. <i>Journal of Archaeological Science</i> , 2008, 35, 1776-1789.	2.4	61
71	Impact of recent coastal development and human activities on Nha Trang Bay, Vietnam: evidence from a <i>Porites lutea</i> geochemical record. <i>Coral Reefs</i> , 2013, 32, 181-193.	2.2	61
72	The origin of Cenozoic basalts from central Inner Mongolia, East China: The consequence of recent mantle metasomatism genetically associated with seismically observed paleo-Pacific slab in the mantle transition zone. <i>Lithos</i> , 2016, 240-243, 104-118.	1.4	60

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73	Speleothem master chronologies: combined Holocene 18O and 13C records from the North Island of New Zealand and their palaeoenvironmental interpretation. <i>Holocene</i> , 2004, 14, 194-208.	1.7	59
74	First discovery of Pleistocene orangutan ( <i>Pongo</i> sp.) fossils in Peninsular Malaysia: Biogeographic and paleoenvironmental implications. <i>Journal of Human Evolution</i> , 2013, 65, 770-797.	2.6	59
75	Late Pleistocene mammalian assemblages of Southeast Asia: New dating, mortality profiles and evolution of the predator–prey relationships in an environmental context. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 422, 101-127.	2.3	59
76	The earliest modern <i>Homo sapiens</i> in China?. <i>Journal of Human Evolution</i> , 2016, 101, 101-104.	2.6	58
77	U-Th dating of striated fault planes. <i>Geology</i> , 2012, 40, 647-650.	4.4	57
78	Hydrological control of the dead carbon fraction in a Holocene tropical speleothem. <i>Quaternary Geochronology</i> , 2012, 14, 81-93.	1.4	57
79	Dating megafaunal extinction on the Pleistocene Darling Downs, eastern Australia: the promise and pitfalls of dating as a test of extinction hypotheses. <i>Quaternary Science Reviews</i> , 2011, 30, 899-914.	3.0	56
80	Timing and duration of the Last Interglacial inferred from high resolution U-series chronology of stalagmite growth in Southern Hemisphere. <i>Earth and Planetary Science Letters</i> , 2001, 184, 635-644.	4.4	53
81	Characterisation of Chinese Tang sancai from Gongxian and Yaozhou kilns using ICP-MS trace element and TIMS Sr–Nd isotopic analysis. <i>Journal of Archaeological Science</i> , 2006, 33, 56-62.	2.4	53
82	Distinct climate change synchronous with Heinrich event one, recorded by stable oxygen and carbon isotopic compositions in stalagmites from China. <i>Quaternary Research</i> , 2008, 69, 306-315.	1.7	53
83	Spatial variability of initial $^{230}\text{Th}/^{232}\text{Th}$ in modern <i>Porites</i> from the inshore region of the Great Barrier Reef. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 78, 99-118.	3.9	53
84	Early Modern Humans and Morphological Variation in Southeast Asia: Fossil Evidence from Tam Pa Ling, Laos. <i>PLoS ONE</i> , 2015, 10, e0121193.	2.5	53
85	A review of New Zealand palaeoclimate from the Last Interglacial to the global Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2015, 110, 92-106.	3.0	53
86	SHRIMP U–Pb zircon geochronology of granites in the Arunta Inlier, central Australia: implications for Proterozoic crustal evolution. <i>Precambrian Research</i> , 1995, 71, 17-43.	2.7	51
87	A high-precision record of mid–late Holocene sea-level events from emergent coral pavements in the Houtman Abrolhos Islands, southwest Australia. <i>Quaternary International</i> , 2006, 145-146, 78-85.	1.5	51
88	Early–Mid Holocene climatic variations in Tasmania, Australia: multi-proxy records in a stalagmite from Lynds Cave. <i>Earth and Planetary Science Letters</i> , 2001, 194, 177-187.	4.4	50
89	Mass spectrometric U-series dating of Huanglong Cave in Hubei Province, central China: Evidence for early presence of modern humans in eastern Asia. <i>Journal of Human Evolution</i> , 2013, 65, 162-167.	2.6	50
90	Large variations in the Holocene marine radiocarbon reservoir effect reflect ocean circulation and climatic changes. <i>Earth and Planetary Science Letters</i> , 2015, 422, 33-44.	4.4	49

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91	U-Th dating reveals regional-scale decline of branching <i>Acropora</i> corals on the Great Barrier Reef over the past century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10350-10355.	7.1	49
92	Response of coral reefs to climate change: Expansion and demise of the southernmost Pacific coral reef. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	48
93	Thorium-230 coral chronology of a late prehistoric Hawaiian chiefdom. <i>Journal of Archaeological Science</i> , 2006, 33, 273-282.	2.4	47
94	Geothermometry and geobarometry of overpressured lower Paleozoic gas shales in the Jiaoshiha field, Central China: Insight from fluid inclusions in fracture cements. <i>Marine and Petroleum Geology</i> , 2017, 83, 124-139.	3.3	47
95	Fractionation of monazite in the development of V-shaped REE patterns in leucogranite systems: Evidence from a muscovite leucogranite body in central Australia. <i>Lithos</i> , 1993, 30, 23-32.	1.4	46
96	Microatoll record for large century-scale sea-level fluctuations in the mid-Holocene. <i>Quaternary Research</i> , 2009, 71, 354-360.	1.7	46
97	Laser ablation in situ U-Pb dating and its application to diagenesis-porosity evolution of carbonate reservoirs. <i>Petroleum Exploration and Development</i> , 2019, 46, 1127-1140.	7.0	46
98	Early human symbolic behavior in the Late Pleistocene of Wallacea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4105-4110.	7.1	45
99	Heinrich event 4 and Dansgaard/Oeschger events 5-10 recorded by high-resolution speleothem oxygen isotope data from central China. <i>Quaternary Research</i> , 2014, 82, 394-404.	1.7	44
100	Paleoprecipitation record from coral Sr/Ca and $\delta^{18}O$ during the mid Holocene in the northern South China Sea. <i>Holocene</i> , 2009, 19, 811-821.	1.7	43
101	The time scale of river sediment source-to-sink processes in East Asia. <i>Chemical Geology</i> , 2016, 446, 138-146.	3.3	43
102	Crustal-scale fluid circulation and co-seismic shallow comb-veining along the longest normal fault of the central Apennines, Italy. <i>Earth and Planetary Science Letters</i> , 2018, 498, 152-168.	4.4	43
103	Deglacial variations of Sr and $87Sr/86Sr$ ratio recorded by a stalagmite from Central China and their association with past climate and environment. <i>Chemical Geology</i> , 2009, 268, 233-247.	3.3	42
104	Timing and mechanism of late-Pleistocene calcite vein formation across the Dead Sea Fault Zone, northern Israel. <i>Journal of Structural Geology</i> , 2012, 36, 43-54.	2.3	42
105	Evolution and development of Miocene island dolostones on Xisha Islands, South China Sea. <i>Marine Geology</i> , 2018, 406, 142-158.	2.1	42
106	Abrupt increase in east Indonesian rainfall from flooding of the Sunda Shelf ~49500 years ago. <i>Quaternary Science Reviews</i> , 2013, 74, 273-279.	3.0	41
107	Strontium isotope stratigraphy and paleomagnetic age constraints on the evolution history of coral reef islands, northern South China Sea. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 803-816.	3.3	41
108	High-precision analysis on annual variations of heavy metals, lead isotopes and rare earth elements in mangrove tree rings by inductively coupled plasma mass spectrometry. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2007, 255, 399-408.	1.4	40

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109	Petrogenetic evaluation of the Laohutai basalts from North China Craton: Melting of a two-component source during lithospheric thinning in the late Cretaceous–early Cenozoic. <i>Lithos</i> , 2012, 154, 68-82.	1.4	40
110	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.	3.0	40
111	Application of ICP-MS trace element analysis in study of ancient Chinese ceramics. <i>Science Bulletin</i> , 2003, 48, 1219-1224.	1.7	39
112	High-resolution stalagmite reconstructions of Australian–Indonesian monsoon rainfall variability during Heinrich stadial 3 and Greenland interstadial 4. <i>Earth and Planetary Science Letters</i> , 2011, 303, 133-142.	4.4	38
113	High-precision U-series ages of transported coral blocks on Heron Reef (southern Great Barrier Reef) and storm activity during the past century. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 337-338, 23-36.	2.3	38
114	Past 140-year environmental record in the northern South China Sea: Evidence from coral skeletal trace metal variations. <i>Environmental Pollution</i> , 2014, 185, 97-106.	7.5	38
115	Cook Island artifact geochemistry demonstrates spatial and temporal extent of pre-European interarchipelago voyaging in East Polynesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8150-8155.	7.1	38
116	Rare earth elements and yttrium in a stalagmite from Central China and potential paleoclimatic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 270, 128-138.	2.3	37
117	High-precision U-series dating of very young cyclone-transported coral reef blocks from Heron and Wistari reefs, southern Great Barrier Reef, Australia. <i>Quaternary International</i> , 2009, 195, 122-127.	1.5	37
118	CO <sub>2</sub> degassing and trapping during hydrothermal cycles related to Gondwana rifting in eastern Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5444-5466.	3.9	37
119	Age frequency distribution and revised stable isotope curves for New Zealand speleothems: palaeoclimatic implications. <i>International Journal of Speleology</i> , 2010, 39, 99-112.	1.0	37
120	Additional evidence for early modern human morphological diversity in Southeast Asia at Tam Pa Ling, Laos. <i>Quaternary International</i> , 2018, 466, 93-106.	1.5	36
121	Testing the savannah corridor hypothesis during MIS2: The Boh Dambang hyena site in southern Cambodia. <i>Quaternary International</i> , 2018, 464, 417-439.	1.5	36
122	In situ LA-ICPMS U Pb dating and geochemical characterization of fault-zone calcite in the central Tarim Basin, northwest China: Implications for fluid circulation and fault reactivation. <i>Chemical Geology</i> , 2021, 568, 120125.	3.3	36
123	CALCITE U-Pb DATING UNRAVELS THE AGE AND HYDROTHERMAL HISTORY OF THE GIANT SHUIYINDONG CARLIN-TYPE GOLD DEPOSIT IN THE GOLDEN TRIANGLE, SOUTH CHINA. <i>Economic Geology</i> , 2021, 116, 1253-1265.	3.8	36
124	Speleothem U-series dating of semi-synchronous climate oscillations during the last deglaciation. <i>Earth and Planetary Science Letters</i> , 2003, 216, 155-161.	4.4	34
125	High-resolution and Precisely dated record of weathering and hydrological dynamics recorded by manganese and rare-earth elements in a stalagmite from Central China. <i>Quaternary Research</i> , 2008, 69, 438-446.	1.7	34
126	High-precision TIMS U-series and AMS <sup>14</sup> C dating of a coral reef lagoon sediment core from southern South China Sea. <i>Quaternary Science Reviews</i> , 2006, 25, 2420-2430.	3.0	33



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127	<i>In-situ LA-MC-ICPMS U-Pb dating method for low-uranium carbonate minerals. Chinese Science Bulletin, 2020, 65, 150-154.</i>	0.7	33
128	New records of Plio-Pleistocene koalas from Australia: palaeoecological and taxonomic implications. <i>Records of the Australian Museum, 2009, 61, 39-48.</i>	0.2	33
129	The evolving landscape and climate of western Flores: an environmental context for the archaeological site of Liang Bua. <i>Journal of Human Evolution, 2009, 57, 450-464.</i>	2.6	32
130	Mass spectrometric U-series dating of the Chaoxian hominin site at Yinshan, eastern China. <i>Quaternary International, 2010, 211, 24-28.</i>	1.5	32
131	Petrology and Sr-Nd Isotopic Disequilibrium of the Xiaohaizi Intrusion, NW China: Genesis of Layered Intrusions in the Tarim Large Igneous Province. <i>Journal of Petrology, 2014, 55, 2567-2598.</i>	2.8	32
132	Using zircon U-Pb ages to constrain the provenance and transport of heavy minerals within the northwestern shelf of the South China Sea. <i>Journal of Asian Earth Sciences, 2017, 134, 176-190.</i>	2.3	32
133	Early Modern Humans from Tam Pa Ling, Laos. <i>Current Anthropology, 2017, 58, S527-S538.</i>	1.6	32
134	Expanding the utility of Uranium-series dating of speleothems for archaeological and palaeontological applications. <i>Journal of Archaeological Science, 2009, 36, 1416-1423.</i>	2.4	31
135	The evolution of the Great Barrier Reef during the Last Interglacial Period. <i>Global and Planetary Change, 2017, 149, 53-71.</i>	3.5	31
136	A rhinocerotid-dominated megafauna at the MIS6-5 transition: The late Middle Pleistocene Coc Muoi assemblage, Lang Son province, Vietnam. <i>Quaternary Science Reviews, 2018, 186, 123-141.</i>	3.0	31
137	The Atnarpa Igneous Complex, southeast Arunta Inlier, central Australia: implications for subduction at an Early-Mid Proterozoic continental margin. <i>Precambrian Research, 1992, 56, 227-253.</i>	2.7	30
138	U-series dating of soda straw stalactites from excavated deposits: method development and application to Blanche Cave, Naracoorte, South Australia. <i>Journal of Archaeological Science, 2012, 39, 922-930.</i>	2.4	30
139	Coral Luminescence Identifies the Pacific Decadal Oscillation as a Primary Driver of River Runoff Variability Impacting the Southern Great Barrier Reef. <i>PLoS ONE, 2014, 9, e84305.</i>	2.5	30
140	Decadal-scale rates of reef erosion following El Niño-related mass coral mortality. <i>Global Change Biology, 2015, 21, 4415-4424.</i>	9.5	30
141	Global warming in the context of 2000 years of Australian alpine temperature and snow cover. <i>Scientific Reports, 2018, 8, 4394.</i>	3.3	30
142	New insights into the evolution of Mississippi Valley-Type hydrothermal system: A case study of the Wusihe Pb-Zn deposit, South China, using quartz in-situ trace elements and sulfides in situ S-Pb isotopes. <i>American Mineralogist, 2020, 105, 35-51.</i>	1.9	30
143	Recent mantle degassing recorded by carbonic spring deposits along sinistral strike-slip faults, south-central Australia. <i>Earth and Planetary Science Letters, 2016, 454, 304-318.</i>	4.4	29
144	A comparison of the climates of the Medieval Climate Anomaly, Little Ice Age, and Current Warm Period reconstructed using coral records from the northern South China Sea. <i>Journal of Geophysical Research: Oceans, 2017, 122, 264-275.</i>	2.6	29

#	ARTICLE	IF	CITATIONS
145	Geochemical and Sm–Nd isotopic study of amphibolites in the southern Arunta Inlier, central Australia: evidence for subduction at a Proterozoic continental margin. <i>Precambrian Research</i> , 1994, 65, 71-94.	2.7	28
146	Establishing the time of initial human occupation of Liang Bua, western Flores, Indonesia. <i>Quaternary Geochronology</i> , 2007, 2, 337-343.	1.4	28
147	New materials of the steppe mammoth, <i>Mammuthus trogontherii</i> , with discussion on the origin and evolutionary patterns of mammoths. <i>Science China Earth Sciences</i> , 2010, 53, 956-963.	5.2	28
148	A strontium isoscape of north-east Australia for human provenance and repatriation. <i>Geoarchaeology - an International Journal</i> , 2019, 34, 231-251.	1.5	28
149	Age of Maba hominin site in southern China: Evidence from U-series dating of Southern Branch Cave. <i>Quaternary Geochronology</i> , 2014, 23, 56-62.	1.4	27
150	Holocene sea level instability in the southern Great Barrier Reef, Australia: high-precision <sup>210</sup> Pb dating of fossil microatolls. <i>Coral Reefs</i> , 2016, 35, 625-639.	2.2	27
151	Stalagmite based high resolution precipitation variability for past four centuries in the Indian Central Himalaya: Chulerasim cave re-visited and data re-interpretation. <i>Quaternary International</i> , 2017, 444, 35-43.	1.5	27
152	Coral-Derived Western Pacific Tropical Sea Surface Temperatures During the Last Millennium. <i>Geophysical Research Letters</i> , 2018, 45, 3542-3549.	4.0	27
153	A reassessment of the early archaeological record at Leang Burung 2, a Late Pleistocene rock-shelter site on the Indonesian island of Sulawesi. <i>PLoS ONE</i> , 2018, 13, e0193025.	2.5	27
154	Late Permian intermediate and felsic intrusions in the eastern Central Asian Orogenic Belt: Final-stage magmatic record of Paleo-Asian Oceanic subduction?. <i>Lithos</i> , 2019, 326-327, 265-278.	1.4	27
155	Variable response of Red Sea coral communities to recent disturbance events along a latitudinal gradient. <i>Marine Biology</i> , 2021, 168, 1.	1.5	27
156	Late Carboniferous N-MORB-type basalts in central Inner Mongolia, China: Products of hydrous melting in an intraplate setting?. <i>Lithos</i> , 2016, 261, 55-71.	1.4	26
157	Dating Quaternary raised coral terraces along the Saudi Arabian Red Sea coast. <i>Marine Geology</i> , 2016, 374, 59-72.	2.1	26
158	Influence of hydrodynamic energy on Holocene reef flat accretion, Great Barrier Reef. <i>Quaternary Research</i> , 2016, 85, 44-53.	1.7	26
159	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.	2.3	26
160	In situ Pb and bulk Sr isotope analysis of the Yinchanggou Pb-Zn deposit in Sichuan Province (SW) China. <i>Journal of Earth System Science</i> , 2016, 191, 432-443.	2.7	26
161	Paleogene igneous intrusion and its effect on thermal maturity of organic-rich mudstones in the Beibuwan Basin, South China Sea. <i>Marine and Petroleum Geology</i> , 2017, 86, 733-750.	3.3	26
162	Binary sources of Chinese loess as revealed by trace and REE element ratios. <i>Journal of Asian Earth Sciences</i> , 2018, 166, 80-88.	2.3	26

#	ARTICLE	IF	CITATIONS
163	Initial speleothem results from western Flores and eastern Java, Indonesia: were climate changes from 47 to 5â€‰ka responsible for the extinction of <i>Homo floresiensis</i> ?. <i>Journal of Quaternary Science</i> , 2007, 22, 429-438.	2.1	25
164	Recent massive coral mortality events in the South China Sea: Was global warming and ENSO variability responsible?. <i>Chemical Geology</i> , 2012, 320-321, 54-65.	3.3	25
165	Direct U-Th dating of vertebrate fossils with minimum sampling destruction and application to museum specimens. <i>Quaternary Geochronology</i> , 2013, 18, 1-8.	1.4	25
166	Composition of the Tarim mantle plume: Constraints from clinopyroxene antecrysts in the early Permian Xiaohaizi dykes, NW China. <i>Lithos</i> , 2015, 230, 69-81.	1.4	25
167	Coral trace metal of natural and anthropogenic influences in the northern South China Sea. <i>Science of the Total Environment</i> , 2017, 607-608, 195-203.	8.0	25
168	Geochemical and Nd isotopic study of Palaeozoic bimodal volcanics in Hainan Island, South Chinaâ€”Implications for rifting tectonics and mantle reservoirs. <i>Lithos</i> , 1992, 29, 127-139.	1.4	24
169	High-frequency climatic oscillations recorded in a Holocene coral reef at Leizhou Peninsula, South China Sea. <i>Science in China Series D: Earth Sciences</i> , 2002, 45, 1057-1067.	0.9	24
170	Trace element composition of near-surface silica depositsâ€”A powerful tool for detecting hydrothermal mineral and energy resources. <i>Chemical Geology</i> , 2011, 280, 154-169.	3.3	24
171	Mid-Holocene sea-level and coral reef demise: U-Th dating of subfossil corals in Moreton Bay, Australia. <i>Holocene</i> , 2013, 23, 1841-1852.	1.7	24
172	Rapid accretion of inshore reef slopes from the central Great Barrier Reef during the late Holocene. <i>Geology</i> , 2015, 43, 343-346.	4.4	24
173	Seasonal migration of marsupial megafauna in Pleistocene Sahul (Australiaâ€”New Guinea). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170785.	2.6	24
174	In situ U-Pb dating and geochemical characterization of multi-stage dolomite cementation in the Ediacaran Dengying Formation, Central Sichuan Basin, China: Constraints on diagenetic, hydrothermal and paleo-oil filling events. <i>Precambrian Research</i> , 2022, 368, 106481.	2.7	24
175	U-series dates of Great Barrier Reef corals suggest at least +0.7 m sea level ~7000 years ago. <i>Holocene</i> , 2010, 20, 161-168.	1.7	23
176	Formation of fault-related calcite precipitates and their implications for dating fault activity in the East Anatolian and Dead Sea fault zones. <i>Geological Society Special Publication</i> , 2011, 359, 229-248.	1.3	23
177	Renewed Geoarchaeological Investigations of Mwanganda's Village (Elephant Butchery Site), Karonga, Malawi. <i>Geoarchaeology - an International Journal</i> , 2014, 29, 98-120.	1.5	23
178	Super instrumental El Niño events recorded by a <i>Porites</i> coral from the South China Sea. <i>Coral Reefs</i> , 2018, 37, 295-308.	2.2	23
179	Coral reef carbonate record of the Pliocene-Pleistocene climate transition from an atoll in the South China Sea. <i>Marine Geology</i> , 2019, 411, 88-97.	2.1	23
180	New U/Th ages for Pleistocene megafauna deposits of southeastern Queensland, Australia. <i>Journal of Asian Earth Sciences</i> , 2009, 34, 190-197.	2.3	22

#	ARTICLE	IF	CITATIONS
181	Timing and duration of growth hiatuses in mid Holocene massive <i>Porites</i> corals from the northern South China Sea. <i>Journal of Quaternary Science</i> , 2010, 25, 1284-1292.	2.1	22
182	LA-ICP-MS U-Pb geochronology and clumped isotope constraints on the formation and evolution of an ancient dolomite reservoir: The Middle Permian of northwest Sichuan Basin (SW China). <i>Sedimentary Geology</i> , 2020, 407, 105728.	2.1	22
183	Coarse clast ridge sequences as suitable archives for past storm events? Case study on the Houtman Abrolhos, Western Australia. <i>Journal of Quaternary Science</i> , 2012, 27, 713-724.	2.1	21
184	The impacts of flooding on the high-latitude, terrigenoclastic influenced coral reefs of Hervey Bay, Queensland, Australia. <i>Coral Reefs</i> , 2013, 32, 1149-1163.	2.2	21
185	Seasonal to decadal scale influence of environmental drivers on Ba/Ca and Y/Ca in coral aragonite from the southern Great Barrier Reef. <i>Science of the Total Environment</i> , 2018, 639, 1099-1109.	8.0	21
186	Tectono-thermal evolution of Cambrian–Ordovician source rocks and implications for hydrocarbon generation in the eastern Tarim Basin, NW China. <i>Journal of Asian Earth Sciences</i> , 2020, 194, 104267.	2.3	21
187	U-Series dating of locality 15 at Zhoukoudian, China, and implications for hominid evolution. <i>Quaternary Research</i> , 2004, 62, 208-213.	1.7	20
188	Late Holocene $\delta^{13}C$ Marine Reservoir Corrections for Hawai'i Derived from U-Series Dated Archaeological Coral. <i>Radiocarbon</i> , 2009, 51, 955-968.	1.8	20
189	Defining variation in pre-human ecosystems can guide conservation: An example from a Caribbean coral reef. <i>Scientific Reports</i> , 2020, 10, 2922.	3.3	20
190	Origin of geothermal waters from the Upper Cretaceous to Lower Eocene strata of the Jiangling Basin, South China: Constraints by multi-isotopic tracers and water-rock interactions. <i>Applied Geochemistry</i> , 2021, 124, 104810.	3.0	20
191	A Middle Pleistocene Denisovan molar from the Annamite Chain of northern Laos. <i>Nature Communications</i> , 2022, 13, 2557.	12.8	20
192	Potential of Sr isotopic analysis in ceramic provenance studies: Characterisation of Chinese stonewares. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2005, 240, 726-732.	1.4	19
193	Holocene benthic foraminiferal assemblages indicate long-term marginality of reef habitats from Moreton Bay, Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 420, 49-64.	2.3	19
194	Temporal overlap of humans and giant lizards (Varanidae; Squamata) in Pleistocene Australia. <i>Quaternary Science Reviews</i> , 2015, 125, 98-105.	3.0	19
195	Significance of shallow core transects for reef models and sea-level curves, Heron Reef, Great Barrier Reef. <i>Sedimentology</i> , 2016, 63, 1396-1424.	3.1	19
196	High-resolution trace element and stable/radiogenic isotope profiles of late Pleistocene to Holocene speleothems from Dim Cave, SW Turkey. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 452, 68-79.	2.3	19
197	Chronostratigraphy of Bramston Reef reveals a long-term record of fringing reef growth under muddy conditions in the central Great Barrier Reef. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 734-747.	2.3	19
198	U-Th age evidence from carbonate veins for episodic crustal deformation of Central Anatolian Volcanic Province. <i>Quaternary Science Reviews</i> , 2017, 177, 158-172.	3.0	19

#	ARTICLE	IF	CITATIONS
199	Are U–Th Dates Correlated With Historical Records of Earthquakes? Constraints From Coseismic Carbonate Veins Within the North Anatolian Fault Zone. <i>Tectonics</i> , 2019, 38, 2431-2448.	2.8	19
200	LA-MC-ICP-MS U-Pb dating of low-U garnets reveals multiple episodes of skarn formation in the volcanic-hosted iron mineralization system, Awulale belt, Central Asia. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1031-1045.	3.3	19
201	Diagenetic conditions and geodynamic setting of the middle Permian hydrothermal dolomites from southwest Sichuan Basin, SW China: Insights from in situ U–Pb carbonate geochronology and isotope geochemistry. <i>Marine and Petroleum Geology</i> , 2021, 129, 105080.	3.3	19
202	Timing of Holocene sea-level highstands by mass spectrometric U-series ages of a coral reef from Leizhou Peninsula, South China Sea. <i>Science Bulletin</i> , 2002, 47, 348-352.	1.7	18
203	Decoupling of stalagmite-derived Asian summer monsoon records from North Atlantic temperature change during marine oxygen isotope stage 5d. <i>Quaternary Research</i> , 2008, 70, 315-321.	1.7	18
204	CO <sub>2</sub> outburst events in relation to seismicity: Constraints from microscale geochronology, geochemistry of late Quaternary vein carbonates, SW Turkey. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 187, 21-40.	3.9	18
205	Coral-based high-resolution rare earth element proxy for terrestrial sediment discharge affecting coastal seawater quality, Great Barrier Reef. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 254, 173-191.	3.9	18
206	Fossil dermal denticles reveal the preexploitation baseline of a Caribbean coral reef shark community. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	18
207	The effect of diagenesis on rare earth element geochemistry of the Quaternary carbonates at an isolated coral atoll in the South China Sea. <i>Sedimentary Geology</i> , 2021, 420, 105933.	2.1	18
208	Decoupling of coral skeletal $\delta^{13}\text{C}$ and solar irradiance over the past millennium caused by the oceanic Suess effect. <i>Paleoceanography</i> , 2017, 32, 161-171.	3.0	17
209	Holocene reef growth over irregular Pleistocene karst confirms major influence of hydrodynamic factors on Holocene reef development. <i>Quaternary Science Reviews</i> , 2018, 180, 157-176.	3.0	17
210	Millennium-scale records of benthic foraminiferal communities from the central Great Barrier Reef reveal spatial differences and temporal consistency. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 374, 52-61.	2.3	16
211	Late Cenozoic basaltic lavas from the Changbaishan-Baoqing Volcanic Belt, NE China: Products of lithosphere-asthenosphere interaction induced by subduction of the Pacific plate. <i>Journal of Asian Earth Sciences</i> , 2018, 164, 260-273.	2.3	16
212	Sm-Nd isochron dating and geochemical (rare earth elements, $^{87}\text{Sr}/^{86}\text{Sr}$ , $\delta^{18}\text{O}$ , $\delta^{13}\text{C}$ ) characterization of calcite veins in the Jiaoshiba shale gas field, China: Implications for the mechanisms of vein formation in shale gas systems. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1722-1740.	3.3	16
213	Evidence of reduced mid-Holocene ENSO variance on the Great Barrier Reef, Australia. <i>Paleoceanography</i> , 2016, 31, 1248-1260.	3.0	15
214	Successive phases of Holocene reef flat development: Evidence from the mid- to outer Great Barrier Reef. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 466, 221-230.	2.3	15
215	New evidence for far-field Holocene sea level oscillations and links to global climate records. <i>Earth and Planetary Science Letters</i> , 2018, 487, 67-73.	4.4	15
216	Linking CO <sub>2</sub> degassing in active fault zones to long-term changes in water balance and surface water circulation, an example from SW Turkey. <i>Quaternary Science Reviews</i> , 2019, 214, 164-177.	3.0	15

#	ARTICLE	IF	CITATIONS
217	Episodic Reef Growth in the Northern South China Sea linked to Warm Climate During the Past 7,000 Years: Potential for Future Coral Refugia. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1032-1043.	3.0	15
218	A new model of Holocene reef initiation and growth in response to sea-level rise on the Southern Great Barrier Reef. <i>Sedimentary Geology</i> , 2020, 397, 105556.	2.1	15
219	Temporal variability in the Holocene marine radiocarbon reservoir effect for the Tropical and South Pacific. <i>Quaternary Science Reviews</i> , 2020, 249, 106613.	3.0	15
220	Variations in the timing of the rainy season in the northern South China Sea during the middle to late Holocene. <i>Paleoceanography</i> , 2014, 29, 115-125.	3.0	14
221	The cumulative impacts of repeated heavy rainfall, flooding and altered water quality on the high-latitude coral reefs of Hervey Bay, Queensland, Australia. <i>Marine Pollution Bulletin</i> , 2015, 96, 356-367.	5.0	14
222	Historical photographs revisited: A case study for dating and characterizing recent loss of coral cover on the inshore Great Barrier Reef. <i>Scientific Reports</i> , 2016, 6, 19285.	3.3	14
223	Coupled ESR and U-series dating of fossil teeth from Yiyuan hominin site, northern China. <i>Quaternary International</i> , 2016, 400, 195-201.	1.5	14
224	Sr <sup>87</sup> / <sup>86</sup> and Pb isotope systematics of the Permian volcanic rocks in the northern margin of the Alxa Block (the Shalazhashan Belt) and comparisons with the nearby regions: Implications for a Permian rift setting?. <i>Journal of Geodynamics</i> , 2018, 115, 43-56.	1.6	14
225	Ore-fluid geochemistry and metallogeny of the Dundee iron-zinc deposit in western Tianshan, Xinjiang, China: Evidence from fluid inclusions, REE and O <sup>18</sup> / <sup>16</sup> -Sr isotopes of calcite. <i>Ore Geology Reviews</i> , 2018, 100, 441-456.	2.7	14
226	Coral geochemical record of submarine groundwater discharge back to 1870 in the northern South China Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 507, 30-38.	2.3	14
227	Episodic coral growth in China's subtropical coral communities linked to broad-scale climatic change. <i>Geology</i> , 2019, 47, 79-82.	4.4	14
228	230Th dates for dedicatory corals from a remote alpine desert adze quarry on Mauna Kea, Hawaii. <i>Antiquity</i> , 2009, 83, 445-457.	1.0	13
229	Trace metal anomalies in bleached Porites coral at Meiji Reef, tropical South China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 115-121.	0.7	12
230	Differences between reservoirs in the intra-platform and platform margin reef-shoal complexes of the Upper Ordovician Lianglitag Formation in the Tazhong oil field, NW China, and corresponding exploration strategies. <i>Marine and Petroleum Geology</i> , 2018, 98, 66-78.	3.3	12
231	Anthropogenic effects on tropical oceanic climate change and variability: An insight from the South China Sea over the past 2000 years. <i>Quaternary Science Reviews</i> , 2019, 206, 56-64.	3.0	12
232	Uranium-thorium dating of coral mortality and community shift in a highly disturbed inshore reef (Weizhou Island, northern South China Sea). <i>Science of the Total Environment</i> , 2021, 752, 141866.	8.0	12
233	Late Quaternary uplift and subsidence of the west coast of Tanna, south Vanuatu, southwest Pacific: U-Th ages of raised coral reefs in the Median Sedimentary Basin. <i>Australian Journal of Earth Sciences</i> , 2003, 50, 39-48.	1.0	11
234	Recent discovery of a unique Paleolithic industry from the Yumidong Cave site in the Three Gorges region of Yangtze River, southwest China. <i>Quaternary International</i> , 2017, 434, 107-120.	1.5	11

#	ARTICLE	IF	CITATIONS
235	Annual REE Signal of East Asian Winter Monsoon in Surface Seawater in the Northern South China Sea: Evidence From a Century-Long <i>Porites</i> Coral Record. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 168-178.	2.9	11
236	Exhumation and carbonation of the Atlantis Bank core complex constrained by in situ U-Pb dating and $\delta^{47}\text{Ca}$ thermometry of calcite veins, SW Indian Ridge. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117474.	4.4	11
237	Chemical fingerprinting of whitewares from Nanwa site of the Chinese Erlitou state. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2008, 266, 2614-2622.	1.4	10
238	CHEMICAL COMPARISON OF RARE CHINESE WHITE POTTERY FROM FOUR SITES OF THE ERLITOU STATE: RESULTS AND ARCHAEOOMETRICAL IMPLICATIONS. <i>Archaeometry</i> , 2010, 52, 760-776.	1.3	10
239	Mid-Holocene age obtained for nested diamond pattern petroglyph in the Billasurgam Cave complex, Kurnool District, southern India. <i>Journal of Archaeological Science</i> , 2013, 40, 1787-1796.	2.4	10
240	A Marine Reservoir Correction for the Houtman-Abrolhos Archipelago, East Indian Ocean, Western Australia. <i>Radiocarbon</i> , 2013, 55, 103-114.	1.8	10
241	Multi-scale records of reef development and condition provide context for contemporary changes on inshore reefs. <i>Global and Planetary Change</i> , 2016, 146, 162-178.	3.5	10
242	Recolonization of Marginal Coral Reef Flats in Response to Recent Sea-Level Rise. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 7618-7628.	2.6	10
243	Influence of marine biochemical cycles on seasonal variation of Ba/Ca in the near-shore coral <i>Cyphastrea</i> , Rat Island, southern Great Barrier Reef. <i>Chemical Geology</i> , 2018, 499, 71-83.	3.3	10
244	Geochemistry of Fluid Inclusions in Travertines From Western and Northern Turkey: Inferences on the Role of Active Faults in Fluids Circulation. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5473-5498.	2.5	10
245	ESR and U-Th dating results for Last Interglacial coral reef terraces at the northern coast of Cuba. <i>Quaternary International</i> , 2020, 556, 216-229.	1.5	10
246	Spatiotemporal variation of rare earth elements from river to reef continuum aids monitoring of terrigenous sources in the Great Barrier Reef. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 299, 85-112.	3.9	10
247	$^{87}\text{Sr}/^{86}\text{Sr}$ of coral reef carbonate strata as an indicator of global sea level fall: Evidence from a 928.75-m-long core in the South China Sea. <i>Marine Geology</i> , 2022, 445, 106758.	2.1	10
248	Human-caused stratigraphic mixing of a coastal Hawaiian midden during prehistory: Implications for interpreting cultural deposits. <i>Geoarchaeology - an International Journal</i> , 2010, 25, 527-540.	1.5	9
249	High-precision $^{229}\text{Th}$ dating of storm-transported coral blocks on Frankland Islands, northern Great Barrier Reef, Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 68-78.	2.3	9
250	The influence of sea level and cyclones on Holocene reef flat development: Middle Island, central Great Barrier Reef. <i>Coral Reefs</i> , 2016, 35, 805-818.	2.2	9
251	Sr-Nd-Pb isotopic compositions of the lower crust beneath northern Tarim: insights from igneous rocks in the Kuluketage area, NW China. <i>Mineralogy and Petrology</i> , 2017, 111, 237-252.	1.1	9
252	The Variable Influences of Sea Level, Sedimentation and Exposure on Holocene Reef Development over a Cross-Shelf Transect, Central Great Barrier Reef. <i>Diversity</i> , 2018, 10, 110.	1.7	9

#	ARTICLE	IF	CITATIONS
253	Skeletal remains of a Pleistocene modern human ( <i>Homo sapiens</i> ) from Sulawesi. <i>PLoS ONE</i> , 2021, 16, e0257273.	2.5	9
254	Subglacial carbonate deposits as a potential proxy for a glacier's former presence. <i>Cryosphere</i> , 2021, 15, 17-30.	3.9	9
255	Rb-Sr systematics of fault gouges from the North Anatolian Fault Zone (Turkey). <i>Journal of Structural Geology</i> , 2010, 32, 216-221.	2.3	8
256	Timing, magnitude and effects of late Holocene sea level drawdown on island habitability, Aitutaki, Cook Islands. <i>Archaeology in Oceania</i> , 2016, 51, 108-121.	0.7	8
257	A U-Th Dating Approach to Understanding Past Coral Reef Dynamics and Geomorphological Constraints on Future Reef Growth Potential; Mazie Bay, Southern Great Barrier Reef. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003768.	2.9	8
258	New ages of the world's largest-ever marsupial: <i>Diprotodon optatum</i> from Pleistocene Australia. <i>Quaternary International</i> , 2021, 603, 64-73.	1.5	8
259	Sedimentology. <i>Developments in Paleoenvironmental Research</i> , 2009, , 171-295.	8.0	8
260	Alpha-cellulose $\delta^{13}C$ variation in mangrove tree rings correlates well with annual sea level trend between 1982 and 1999. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	7
261	Modern <i>Homo sapiens</i> skeleton from Qianyang Cave in Liaoning, northeastern China and its U-series dating. <i>Journal of Human Evolution</i> , 2008, 55, 349-352.	2.6	7
262	REPRODUCIBILITY OF ELEMENTAL ANALYSES OF BASALTIC STONE ARTEFACTS BY QUADRUPLE ICP-MS USING DIFFERENT SAMPLE SIZES AND DIGESTION METHODS, WITH IMPLICATIONS FOR ARCHAEOLOGICAL RESEARCH. <i>Archaeometry</i> , 2011, 53, 890-899.	1.3	7
263	Preliminary U-series and Thermoluminescence dating of excavated deposits in Liang Bua sub-chamber, Flores, Indonesia. <i>Journal of Archaeological Science</i> , 2013, 40, 148-155.	2.4	7
264	U-Th age distribution of coral fragments from multiple rubble ridges within the Frankland Islands, Great Barrier Reef: Implications for past storminess history. <i>Quaternary Science Reviews</i> , 2016, 143, 51-68.	3.0	7
265	Use of skeletal Sr/Ca ratios to determine growth patterns in a branching coral <i>Isopora palifera</i> . <i>Marine Biology</i> , 2017, 164, 1.	1.5	7
266	Wet and cold climate conditions recorded by coral geochemical proxies during the beginning of the first millennium CE in the northern South China Sea. <i>Journal of Asian Earth Sciences</i> , 2017, 135, 25-34.	2.3	7
267	Vanadium in the massive coral <i>Porites</i> : A potential proxy for historical wood clearing and burning. <i>Earth and Planetary Science Letters</i> , 2019, 527, 115793.	4.4	7
268	U-Th and radiocarbon dating of calcite speleothems from gypsum caves (Emilia Romagna, North Italy). <i>Quaternary Geochronology</i> , 2019, 52, 51-62.	1.4	7
269	Holocene coral reef development in Chenhang Island, Northern South China Sea, and its record of sea level changes. <i>Marine Geology</i> , 2021, 440, 106593.	2.1	7
270	Reef accumulation is decoupled from recent degradation in the central and southern Red Sea. <i>Science of the Total Environment</i> , 2022, 809, 151176.	8.0	7



#	ARTICLE	IF	CITATIONS
271	Past fires and post-fire impacts reconstructed from a southwest Australian stalagmite. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 325, 258-277.	3.9	7
272	Establishing rates of karst landscape evolution in the Tropics: a context for the formation of archaeological sites in western Flores, Indonesia. <i>Journal of Quaternary Science</i> , 2010, 25, 1018-1037.	2.1	6
273	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.	2.3	6
274	Saltier sea surface water conditions recorded by multiple mid-Holocene corals in the northern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 6323-6330.	2.6	6
275	The remaking of the Mengyejing potash deposit in Yunnan, China: Evidence from Rb-Sr isotopic systematics. <i>Ore Geology Reviews</i> , 2017, 89, 876-886.	2.7	6
276	Tropical Sand Cays as Natural Paleocyclone Archives. <i>Geophysical Research Letters</i> , 2019, 46, 9796-9803.	4.0	6
277	Re-evaluating mid-Holocene reef "turn-off" on the inshore Southern Great Barrier Reef. <i>Quaternary Science Reviews</i> , 2020, 244, 106518.	3.0	6
278	Temporal changes in geochemical-isotopic systematics of the late Pleistocene Akkaya travertines (Turkey) " Implications for fluid flow circulation and seismicity. <i>Chemie Der Erde</i> , 2020, 80, 125630.	2.0	6
279	Coral Gardens Reef, Belize: A refugium in the face of Caribbean-wide <i>Acropora</i> spp. coral decline. <i>PLoS ONE</i> , 2020, 15, e0239267.	2.5	6
280	A Replication Study on Coral $\delta^{11}\text{B}$ and B/Ca and Their Variation in Modern and Fossil <i>Porites</i> : Implications for Coral Calcifying Fluid Chemistry and Seawater pH Changes Over the Last Millennium. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, .	2.9	6
281	Quibas-Sima: A unique 1.5-million-year-old vertebrate succession in southern Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2022, 283, 107469.	3.0	6
282	The 1997-1998 El Niño event recorded by a stalagmite from central China. <i>Quaternary International</i> , 2018, 487, 71-77.	1.5	5
283	Timing and characterization of multiple fluid flow events in the Beibuwan Basin, northern South China Sea: Implications for hydrocarbon maturation. <i>Marine and Petroleum Geology</i> , 2021, 123, 104754.	3.3	5
284	LA-ICPMS in-situ U-Pb Geochronology of Low-Uranium Carbonate Minerals and Its Application to Reservoir Diagenetic Evolution Studies. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 872-879.	3.2	5
285	Late Quaternary fossil vertebrates of the Broken River karst area, northern Queensland, Australia. <i>Records of the Australian Museum</i> , 2020, 72, 193-206.	0.2	5
286	U-Pb dating of oil charge in superimposed basins: A case study from the Tarim Basin, NW China. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 3176-3188.	3.3	5
287	Tracing fluid evolution in sedimentary basins with calcite geochemical, isotopic and U-Pb geochronological data: Implications for petroleum and mineral resource accumulation in the Nanpanjiang Basin, South China. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2097-2114.	3.3	5
288	Calcite U-Pb dating of altered ancient oceanic crust in the North Pamir, Central Asia. <i>Geochronology</i> , 2022, 4, 227-250.	2.5	5

#	ARTICLE	IF	CITATIONS
289	Reef development at high-latitudes during multiple interglacial cycles: New evidence from Lord Howe Island, southwestern Pacific. <i>Carbonates and Evaporites</i> , 2007, 22, 23-32.	1.0	4
290	Geochemical and Sr <sup>87</sup> /Sr <sup>86</sup> isotopic variations in a deep-sea sediment core from Eastern Indian Ocean: Constraints on dust provenances, paleoclimate and volcanic eruption history in the last 300,000 years. <i>Marine Geology</i> , 2015, 367, 38-49.	2.1	4
291	Testing coral paleothermometers (B/Ca, Mg/Ca, Sr/Ca, U/Ca and $\delta^{18}O$ ) under impacts of large riverine runoff. <i>Acta Oceanologica Sinica</i> , 2015, 34, 20-26.	1.0	4
292	U-series dating of hominin fossil-bearing Panlong Cave in Guangdong Province, southern China. <i>Quaternary International</i> , 2017, 434, 92-98.	1.5	4
293	Marine Reservoir Correction for the Southern Marshall Islands for the Past 2500 Years. <i>Radiocarbon</i> , 2018, 60, 333-348.	1.8	4
294	Rare Late Pleistocene-early Holocene human mandibles from the Niah Caves (Sarawak, Borneo). <i>PLoS ONE</i> , 2018, 13, e0196633.	2.5	4
295	Linear enamel hypoplasia in large-bodied mammals of Pleistocene northern Vietnam, with a special focus on Pongo. <i>Quaternary International</i> , 2020, 563, 38-50.	1.5	4
296	<i>Porites</i> Coral on a Remote Reef Reveal Marine Phosphorus Biogeochemical Cycling Following Artificial Disturbance. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016388.	2.6	4
297	Skeletal Growth Response of <i>Porites</i> Coral to Long-Term Ocean Warming and Acidification in the South China Sea. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JC006423.	3.0	4
298	Timing of Holocene sea-level highstands by mass spectrometric U-series ages of a coral reef from Leizhou Peninsula, South China Sea. <i>Science Bulletin</i> , 2002, 47, 348.	1.7	4
299	Historical droughts in Southeast Australia recorded in a New South Wales stalagmite. <i>Holocene</i> , 2021, 31, 607-617.	1.7	4
300	Vibrational spectroscopic characterization of growth bands in <i>Porites</i> coral from South China Sea. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 112, 95-100.	3.9	3
301	Reply to Comment on: Coarse clast ridge sequences as suitable archives for past storm events? Case study on the Houtman Abrolhos, Western Australia. <i>Journal of Quaternary Science</i> , 2013, 28, 213-215.	2.1	3
302	Implications of multi-modal age distributions in Pleistocene cave deposits: A case study of Maludong palaeoanthropological locality, southern China. <i>Journal of Archaeological Science: Reports</i> , 2019, 25, 388-399.	0.5	3
303	The formation process of the Mengyejing potash deposit, Yunnan, China: evidence from geochemical and petrological characteristics. <i>Geosciences Journal</i> , 2021, 25, 619-633.	1.2	3
304	Seasonal Variations of Uranium in Karst Waters from Northeastern Sichuan, Central China and Controlling Mechanisms. <i>Geochemistry International</i> , 2020, 58, 103-112.	0.7	3
305	Carbonate burial dissolution related to faults and fractures in the Triassic Daye Formation of the Huandiqiao Section, Huangshi Area, Hubei, China. <i>Canadian Journal of Earth Sciences</i> , 2021, 58, 38-49.	1.3	3
306	A Rapid Cooling Event Over the Western Pacific Region During the Middle Bronze Age. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016964.	2.6	3



#	ARTICLE	IF	CITATIONS
325	The First Halite Age Revealed by MCa <sup>137</sup> CPa <sup>137</sup> MS Ua <sup>137</sup> series Dating in Lop Nur, Northwestern China. <i>Acta Geologica Sinica</i> , 2018, 92, 881-882.	1.4	0
326	U-Th dating of a Paleolithic site in Guanyindong Cave, Guizhou Province, southwestern China. <i>Journal of Archaeological Science: Reports</i> , 2019, 27, 101996.	0.5	0
327	Back Cover Image. <i>Geoarchaeology - an International Journal</i> , 2019, 34, ii.	1.5	0
328	Comment on "Uranium series dating of Great Artesian Basin travertine deposits: Implications for palaeohydrogeology and palaeoclimate" by Priestley et al. (2018). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 537, 109420.	2.3	0
329	Clay Mineralogy of Surface Sediments in the Three Gorges Reservoir: Implications for Sediment Provenances and Weathering Regimes. <i>Clays and Clay Minerals</i> , 2021, 69, 52-67.	1.3	0
330	The effect of maternal polycyclic aromatic hydrocarbons exposure and methylation levels of congenital heart diseases candidate genes on the risk of congenital heart diseases. <i>Prenatal Diagnosis</i> , 2022, 42, 1142-1154.	2.3	0
331	Direct U-series dating of the Apidima C human remains. <i>Words, Bones, Genes, Tools</i> , 2021, , 37-55.	0.0	0