

Jian-xin Zhao

List of Publications by Year in descending order

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331
papers

13,056
citations

19657

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h-index

43889

91
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341
all docs

341
docs citations

341
times ranked

9121
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	LA-ICP-MS U-Pb dating and geochemical characterization of oil inclusion-bearing calcite cements: Constraints on primary oil migration in lacustrine mudstone source rocks. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2022-2036.	3.3	3
4	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
5	$^{87}\text{Sr}/^{86}\text{Sr}$ 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
6	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
7	Exhumation and carbonation of the Atlantis Bank core complex constrained by in situ U-Pb dating and ^{47}Ti thermometry of calcite veins, SW Indian Ridge. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117474.	4.4	11
8	Quibas-Sima: A unique 1.6 Ma-old vertebrate succession in southern Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2022, 283, 107469.	3.0	6
9	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
10	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
11	Holocene microbialite geochemistry records > 6000 years of secular influence of terrigenous flux on water quality for the southern Great Barrier Reef. <i>Chemical Geology</i> , 2022, 604, 120871.	3.3	3
12	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
13	Paleozoic ocean plate stratigraphy unraveled by calcite U-Pb dating of basalt and biostratigraphy. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	1
14	A Middle Pleistocene Denisovan molar from the Annamite Chain of northern Laos. <i>Nature Communications</i> , 2022, 13, 2557.	12.8	20
15	Possible link between decadal variability in precipitation in the South China Sea and the North Atlantic Oscillation during the 20th century: A perspective from coral geochemical records. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 601, 111118.	2.3	3
16	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
17	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
18	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

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19	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
20	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
21	Oldest cave art found in Sulawesi. <i>Science Advances</i> , 2021, 7, .	10.3	91
22	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
23	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
24	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
25	Isotopic analyses of prehistoric human remains from the Flinders Group, Queensland, Australia, support an association between burial practices and status. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	1.8	3
26	Sr-Nd isotope and REE compositions of surface sediments from the three Gorges Reservoir: Implications for source identification and apportionment. <i>Journal of Hydrology</i> , 2021, 598, 126279.	5.4	2
27	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
28	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
29	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
30	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: Biogeosciences</i> , 2021, 126, e2021JG006423.	3.0	4
31	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
32	Skeletal remains of a Pleistocene modern human (<i>Homo sapiens</i>) from Sulawesi. <i>PLoS ONE</i> , 2021, 16, e0257273.	2.5	9
33	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
34	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
35	Identifying the provenance of bottom sediments in the Three Gorges Reservoir using stable Pb isotopes. <i>Catena</i> , 2021, 207, 105656.	5.0	2
36	Subglacial carbonate deposits as a potential proxy for a glacier's former presence. <i>Cryosphere</i> , 2021, 15, 17-30.	3.9	9

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37	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
38	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
39	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
40	Historical droughts in Southeast Australia recorded in a New South Wales stalagmite. <i>Holocene</i> , 2021, 31, 607-617.	1.7	4
41	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
42	U-Pb zircon geochronology and Hf isotope geochemistry of the Late Cretaceous to Early Paleogene igneous rocks in the Qaidam Basin, northern Tibet. <i>Journal of Metamorphic Geology</i> , 2021, 39, 1-15.	0.5	1
43	Direct U-series dating of the Apidima C human remains. <i>World Archaeology</i> , 2021, 53, 37-55.	0.0	0
44	U-Pb zircon geochronology and Hf isotope geochemistry of the Late Cretaceous to Early Paleogene igneous rocks in the Qaidam Basin, northern Tibet. <i>Journal of Metamorphic Geology</i> , 2021, 39, 1-15.	0.5	1
45	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
46	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
47	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
48	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
49	New insights into the evolution of Mississippi Valley-Type hydrothermal system: A case study of the Wushihe Pb-Zn deposit, South China, using quartz in-situ trace elements and sulfides in situ S-Pb isotopes. <i>American Mineralogist</i> , 2020, 105, 35-51.	1.9	30
50	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
51	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
52	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
53	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
54	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

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55	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
56	Combined U-series dating of cave pearls and mammal fossils: Constraint on the age of a late middle pleistocene Ailuropoda "Stegodon fauna from the Diaozhongyan Cave, Guangxi, South China. <i>Quaternary Geochronology</i> , 2020, 60, 101111.	1.4	2
57	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
58	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
59	<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
60	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
61	Last glacial climate oscillations and sudden environmental changes investigated in stalagmites from southwest Sulawesi, western Pacific. <i>Turkish Journal of Earth Sciences</i> , 2020, 29, 221-241.	1.0	1
62	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
63	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
64	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
65	<it>In-situ</it> LA-MC-ICPMS U-Pb dating method for low-uranium carbonate minerals. <i>Chinese Science Bulletin</i> , 2020, 65, 150-154.	0.7	33
66	Coral Gardens Reef, Belize: A refugium in the face of Caribbean-wide Acropora spp. coral decline. <i>PLoS ONE</i> , 2020, 15, e0239267.	2.5	6
67	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
68	Tropical Sand Cays as Natural Paleocyclone Archives. <i>Geophysical Research Letters</i> , 2019, 46, 9796-9803.	4.0	6
69	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
70	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
71	Vanadium in the massive coral Porites: A potential proxy for historical wood clearing and burning. <i>Earth and Planetary Science Letters</i> , 2019, 527, 115793.	4.4	7
72	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

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73	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
74	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
75	Linking CO ₂ 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
76	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
77	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
78	Back Cover Image. <i>Geoarchaeology - an International Journal</i> , 2019, 34, ii.	1.5	0
79	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
80	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
81	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 C: Biogeosciences</i> , 2019, 124, 1032-1043.	3.0	15
82	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
83	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
84	Earliest hunting scene in prehistoric art. <i>Nature</i> , 2019, 576, 442-445.	27.8	147
85	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
86	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
87	A methanotrophic archaeon couples anaerobic oxidation of methane to Fe(III) reduction. <i>ISME Journal</i> , 2018, 12, 1929-1939.	9.8	266
88	Coral-Derived Western Pacific Tropical Sea Surface Temperatures During the Last Millennium. <i>Geophysical Research Letters</i> , 2018, 45, 3542-3549.	4.0	27
89	Sr-Nd-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
90	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

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91	Super instrumental $\delta^{18}O$ events recorded by a Porites coral from the South China Sea. <i>Coral Reefs</i> , 2018, 37, 295-308.	2.2	23
92	Annual REE Signal of East Asian Winter Monsoon in Surface Seawater in the Northern South China Sea: Evidence From a Century-Long Porites Coral Record. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 168-178.	2.9	11
93	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
94	The 1997-1998 $\delta^{18}O$ event recorded by a stalagmite from central China. <i>Quaternary International</i> , 2018, 487, 71-77.	1.5	5
95	The First Halite Age Revealed by MC-ICP-MS U-series Dating in Lop Nur, Northwestern China. <i>Acta Geologica Sinica</i> , 2018, 92, 881-882.	1.4	0
96	A rhinocerotid-dominated megafauna at the MIS6-5 transition: The late Middle Pleistocene Coc Muoi assemblage, Lang Son province, Vietnam. <i>Quaternary Science Reviews</i> , 2018, 186, 123-141.	3.0	31
97	Global warming in the context of 2000 years of Australian alpine temperature and snow cover. <i>Scientific Reports</i> , 2018, 8, 4394.	3.3	30
98	Ore-fluid geochemistry and metallogeny of the Dunde iron-zinc deposit in western Tianshan, Xinjiang, China: Evidence from fluid inclusions, REE and $^{87}Sr/^{86}Sr$ isotopes of calcite. <i>Ore Geology Reviews</i> , 2018, 100, 441-456.	2.7	14
99	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
100	Marine Reservoir Correction for the Southern Marshall Islands for the Past 2500 Years. <i>Radiocarbon</i> , 2018, 60, 333-348.	1.8	4
101	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
102	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
103	Palaeolithic cave art in Borneo. <i>Nature</i> , 2018, 564, 254-257.	27.8	169
104	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
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	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
107	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
108	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

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109	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
110	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
111	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
112	Rare Late Pleistocene-early Holocene human mandibles from the Niah Caves (Sarawak, Borneo). <i>PLoS ONE</i> , 2018, 13, e0196633.	2.5	4
113	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
114	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
115	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
116	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
117	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
118	Trace metal anomalies in bleached <i>Porites</i> coral at Meiji Reef, tropical South China Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 115-121.	0.7	12
119	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
120	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
121	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
122	Geothermometry and geobarometry of overpressured lower Paleozoic gas shales in the Jiaoshiba field, Central China: Insight from fluid inclusions in fracture cements. <i>Marine and Petroleum Geology</i> , 2017, 83, 124-139.	3.3	47
123	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
124	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</i> , 2017, 134, 176-190.	2.3	32
125	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
126	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

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127	Early human symbolic behavior in the Late Pleistocene of Wallacea. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4105-4110.	7.1	45
128	Wet and cold climate conditions recorded by coral geochemical proxies during the beginning of the first millennium CE in the northern South China Sea. Journal of Asian Earth Sciences, 2017, 135, 25-34.	2.3	7
129	The evolution of the Great Barrier Reef during the Last Interglacial Period. Global and Planetary Change, 2017, 149, 53-71.	3.5	31
130	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. Journal of Geophysical Research: Oceans, 2017, 122, 264-275.	2.6	29
131	In situ Pb and bulk Sr isotope analysis of the Yinchanggou Pb-Zn deposit in Sichuan Province (SW) China. Journal of Earth System Science, 2017, 191, 432-443.	2.7	26
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