

Jian-Wei Zi

List of Publications by Year in descending order

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79
papers

2,472
citations

218677

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h-index

223800

46
g-index

82
all docs

82
docs citations

82
times ranked

1367
citing authors

#	ARTICLE	IF	CITATIONS
1	Refining the Paleoproterozoic tectonothermal history of the Penokean Orogen: New U-Pb age constraints from the Pembine-Wausau terrane, Wisconsin, USA. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 776-790.	3.3	6
2	Reconstructing the Lancang Terrane (SW Yunnan) and implications for early Paleozoic Proto-Tethys evolution at the northern margin of Gondwana. <i>Gondwana Research</i> , 2022, 101, 278-294.	6.0	12
3	Precise ages of gold mineralization and pre-gold hydrothermal activity in the Baiyun gold deposit, northeastern China: in situ U-Pb dating of hydrothermal xenotime and rutile. <i>Mineralium Deposita</i> , 2022, 57, 1001-1022.	4.1	6
4	Reexamination of 2.5-Ga oxygen interval points to anoxic ocean before GOE. <i>Science Advances</i> , 2022, 8, eabj7190.	10.3	42
5	In situ U-Pb and geochemical evidence for ancient Pb-loss during hydrothermal alteration producing apparent young concordant zircon dates in older tuffs. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 320, 324-338.	3.9	16
6	U-Th-Pb dating of zircon from the Baoban Complex, South China. <i>Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science Geosciences</i> , 2022, 47, 1383.	0.5	3
7	Tracking Prototethyan assembly felsic magmatic suites in southern Yunnan (SW China): evidence for an Early Ordovician-Early Silurian arc-back-arc system. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	14
8	Proto-Tethys ophiolitic mélange in SW Yunnan: Constraints from zircon U-Pb geochronology and geochemistry. <i>Geoscience Frontiers</i> , 2021, 12, 101200.	8.4	21
9	Eocene animal trace fossils in 1.7-billion-year-old metaquartzites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2105707118.	7.1	2
10	Establishing the P-T path of UHT granulites by geochemically distinguishing peritectic from retrograde garnet. <i>American Mineralogist</i> , 2021, 106, 1640-1653.	1.9	9
11	UNRAVELING MINERALIZATION AND MULTISTAGE HYDROTHERMAL OVERPRINTING HISTORIES BY INTEGRATED IN SITU U-Pb AND Sm-Nd ISOTOPES IN A PALEOPROTEROZOIC BRECCIA-HOSTED IOCG DEPOSIT, SW CHINA. <i>Economic Geology</i> , 2021, 116, 1687-1710.	3.8	16
12	The Mesoproterozoic Baoban Complex, South China: A missing fragment of western Laurentian lithosphere. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1404-1418.	3.3	23
13	A 1.25 Ga depositional age for the Paleoproterozoic Mapedi red beds, Kalahari manganese field, South Africa: New constraints on the timing of oxidative weathering and hematite mineralization. <i>Geology</i> , 2020, 48, 44-48.	4.4	6
14	4D history of the Nimbus VHMS ore deposit in the Yilgarn Craton, Western Australia. <i>Precambrian Research</i> , 2020, 337, 105536.	2.7	10
15	Reconstructing South China in the Mesoproterozoic and its role in the Nuna and Rodinia supercontinents. <i>Precambrian Research</i> , 2020, 337, 105558.	2.7	31
16	Using In Situ Monazite and Xenotime U-Pb Geochronology to Resolve the Fate of the Missing-Banded Iron Formation-Hosted High-Grade Hematite Ores of the North China Craton. <i>Economic Geology</i> , 2020, 115, 189-204.	3.8	5
17	U-Pb dating of overpressure veins in late Archean shales reveals six episodes of Paleoproterozoic deformation and fluid flow in the Pilbara craton. <i>Geology</i> , 2020, 48, 961-965.	4.4	18
18	Deconstructing South China and consequences for reconstructing Nuna and Rodinia. <i>Earth-Science Reviews</i> , 2020, 204, 103169.	9.1	115

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19	The 4D evolution of the Teutonic Bore Camp VHMS deposits, Yilgarn Craton, Western Australia. <i>Ore Geology Reviews</i> , 2020, 120, 103448.	2.7	6
20	Petrogenesis of Archean TTGs and potassic granites in the southern Yangtze Block: Constraints on the early formation of the Yangtze Block. <i>Precambrian Research</i> , 2020, 347, 105848.	2.7	34
21	Texturally Controlled U-Th-Pb Monazite Geochronology Reveals Paleoproterozoic UHT Metamorphic Evolution in the Khondalite Belt, North China Craton. <i>Journal of Petrology</i> , 2020, 61, .	2.8	25
22	Geochronological and Geochemical Constraints on the Petrogenesis of Early Paleoproterozoic (2.40-2.32 Ga) Nb-Enriched Mafic Rocks in Southwestern Yangtze Block and Its Tectonic Implications. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 35-52.	3.2	20
23	Gold metallogeny of the northern Capricorn Orogen: The relationship between crustal architecture, fault reactivation and hydrothermal fluid flow. <i>Ore Geology Reviews</i> , 2020, 122, 103515.	2.7	3
24	IN SITU DATING OF HYDROTHERMAL MONAZITE AND IMPLICATIONS FOR THE GEODYNAMIC CONTROLS ON ORE FORMATION IN THE JIAODONG GOLD PROVINCE, EASTERN CHINA. <i>Economic Geology</i> , 2020, 115, 671-685.	3.8	160
25	Pyroxene $^{40}\text{Ar}/^{39}\text{Ar}$ Dating of Basalt and Applications to Large Igneous Provinces and Precambrian Stratigraphic Correlations. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 8313-8330.	3.4	11
26	The Mangaroon Orogeny: Synchronous c. 1.7 Ga magmatism and low-P, high-T metamorphism in the West Australian Craton. <i>Precambrian Research</i> , 2019, 333, 105425.	2.7	4
27	Neoproterozoic and Paleoproterozoic K-rich granites in the Phan Si Pan Complex, north Vietnam: Constraints on the early crustal evolution of the Yangtze Block. <i>Precambrian Research</i> , 2019, 332, 105395.	2.7	42
28	Timing of two separate granulite-facies metamorphic events in the Helanshan complex, North China Craton: Constraints from monazite and zircon U-Th-Pb dating of pelitic granulites. <i>Lithos</i> , 2019, 350-351, 105216.	1.4	10
29	Role of fluids in Fe-Ti-P mineralization of the Proterozoic Damiao anorthosite complex, China: Insights from baddeleyite-zircon relationships in ore and altered anorthosite. <i>Ore Geology Reviews</i> , 2019, 115, 103186.	2.7	4
30	High-Grade Magnetite Mineralization at 1.86 Ga in Neoproterozoic Banded Iron Formations, Gongchangling, China: In Situ U-Pb Geochronology of Metamorphic-Hydrothermal Zircon and Monazite. <i>Economic Geology</i> , 2019, 114, 1159-1175.	3.8	16
31	U-Pb evidence for a 2.15 Ga orogenic event in the Archean Kaapvaal (South Africa) and Pilbara (Western Tj ETQq1 1 0.784314 rgBT / 4.4 10	4.4	10
32	U-Pb monazite ages of the Kabanga mafic-ultramafic intrusions and contact aureoles, central Africa: Geochronological and tectonic implications. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1857-1870.	3.3	17
33	Cambrian intra-oceanic arc trondhjemite and tonalite in the Tam Ky-Phuoc Son Suture Zone, central Vietnam: Implications for the early Paleozoic assembly of the Indochina Block. <i>Gondwana Research</i> , 2019, 70, 151-170.	6.0	49
34	Early Paleoproterozoic magmatism in the Yangtze Block: Evidence from zircon U-Pb ages, Sr-Nd-Hf isotopes and geochemistry of ca. 2.3 Ga and 2.1 Ga granitic rocks in the Phan Si Pan Complex, north Vietnam. <i>Precambrian Research</i> , 2019, 324, 253-268.	2.7	34
35	The link between an anorthosite complex and underlying olivine-Ti-magnetite-rich layered intrusion in Damiao, China: insights into magma chamber processes in the formation of Proterozoic massif-type anorthosites. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	7
36	SHRIMP U-Th-Pb phosphate dating shows metamorphism was synchronous with magmatism during the Paleoproterozoic Capricorn Orogeny. <i>Australian Journal of Earth Sciences</i> , 2019, 66, 973-990.	1.0	3

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37	Linking gold mineralization to regional-scale drivers of mineral systems—using in situ U–Pb geochronology and pyrite LA-ICP-MS element mapping. <i>Geoscience Frontiers</i> , 2019, 10, 89-105.	8.4	22
38	Tracing the provenance of volcanic ash in Permian–Triassic boundary strata, South China: Constraints from inherited and syn-depositional magmatic zircons. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 516, 190-202.	2.3	31
39	Ediacaran (~ 600 Ma) orogenic gold in Egypt: age of the Atalla gold mineralization and its geological significance. <i>International Geology Review</i> , 2019, 61, 779-794.	2.1	27
40	Newly identified 1.89 Ga mafic dyke swarm in the Archean Yilgarn Craton, Western Australia suggests a connection with India. <i>Precambrian Research</i> , 2019, 329, 156-169.	2.7	27
41	In situ U-Pb geochronology and geochemistry of a 1.13 Ga mafic dyke suite at Bungar Hills, East Antarctica: The end of the Albany-Fraser Orogeny. <i>Precambrian Research</i> , 2018, 310, 76-92.	2.7	11
42	Part I: A resource estimation based on mineral system modelling prospectivity approaches and analogical analysis: A case study of the MVT Pb-Zn deposits in Huayuan district, China. <i>Ore Geology Reviews</i> , 2018, 101, 966-984.	2.7	14
43	Neighbouring orogenic gold deposits may be the products of unrelated mineralizing events. <i>Ore Geology Reviews</i> , 2018, 95, 593-603.	2.7	16
44	Extensional episodes in the Paleoproterozoic Capricorn Orogen, Western Australia, revealed by petrogenesis and geochronology of mafic–ultramafic rocks. <i>Precambrian Research</i> , 2018, 306, 22-40.	2.7	22
45	Geodynamics of the Indosinian orogeny between the South China and Indochina blocks: Insights from latest Permian–Triassic granitoids and numerical modeling. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 1289-1306.	3.3	37
46	U-Pb geochronology of monazite in Precambrian tuffs reveals depositional and metamorphic histories. <i>Precambrian Research</i> , 2018, 313, 109-118.	2.7	15
47	Phase equilibrium modelling and SHRIMP zircon U–Pb dating of medium-pressure pelitic granulites in the Helanshan complex of the Khondalite Belt, North China Craton, and their tectonic implications. <i>Precambrian Research</i> , 2018, 314, 62-75.	2.7	13
48	1.39 Ga mafic dyke swarm in southwestern Yilgarn Craton marks Nuna to Rodinia transition in the West Australian Craton. <i>Precambrian Research</i> , 2018, 316, 291-304.	2.7	17
49	First evidence of Archean mafic dykes at 2.62 Ga in the Yilgarn Craton, Western Australia: Links to cratonisation and the Zimbabwe Craton. <i>Precambrian Research</i> , 2018, 317, 1-13.	2.7	9
50	Constraining subduction-collision processes of the Paleo-Tethys along the Changning–Menglian Suture: New zircon U-Pb ages and Sr–Nd–Pb–Hf–O isotopes of the Lincang Batholith. <i>Gondwana Research</i> , 2018, 62, 75-92.	6.0	99
51	Zircon U–Pb geochronology, and elemental and Sr–Nd–Hf–O isotopic geochemistry of post-collisional rhyolite in the Chiang Khong area, NW Thailand and implications for the melting of juvenile crust. <i>International Journal of Earth Sciences</i> , 2017, 106, 1375-1389.	1.8	19
52	Geochronological and geochemical constraints on the intermediate-acid volcanic rocks along the Chiang Khong–Lampang–Tak igneous zone in NW Thailand and their tectonic implications. <i>Gondwana Research</i> , 2017, 45, 87-99.	6.0	28
53	SHRIMP U–Pb zircon geochronology establishes that banded iron formations are not chronostratigraphic markers across Archean greenstone belts of the Pilbara Craton. <i>Precambrian Research</i> , 2017, 292, 290-304.	2.7	15
54	Using monazite geochronology to test the plume model for carbonatites: The example of Gifford Creek Carbonatite Complex, Australia. <i>Chemical Geology</i> , 2017, 463, 50-60.	3.3	18

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55	Sedimentation and magmatism in the Paleoproterozoic Cuddapah Basin, India: Consequences of lithospheric extension. <i>Gondwana Research</i> , 2017, 48, 153-163.	6.0	26
56	Young ores in old rocks: Proterozoic iron mineralisation in Mesoarchean banded iron formation, northern Pilbara Craton, Australia. <i>Ore Geology Reviews</i> , 2017, 89, 40-69.	2.7	20
57	Using in situ SHRIMP U-Pb Monazite and Xenotime Geochronology to Determine the Age of Orogenic Gold Mineralization: An Example from the Paulsens Mine, Southern Pilbara Craton. <i>Economic Geology</i> , 2017, 112, 1205-1230.	3.8	52
58	The evolution of a Precambrian arc-related granulite facies gold deposit: Evidence from the Glenburgh deposit, Western Australia. <i>Precambrian Research</i> , 2017, 290, 63-85.	2.7	10
59	Monazite trumps zircon: applying SHRIMP U-Pb geochronology to systematically evaluate emplacement ages of leucocratic, low-temperature granites in a complex Precambrian orogen. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	24
60	Late Triassic post-collisional granites related to Paleotethyan evolution in SE Thailand: Geochronological and geochemical constraints. <i>Lithos</i> , 2017, 286-287, 440-453.	1.4	41
61	U-Pb dating of metamorphic monazite establishes a Pan-African age for tectonism in the Nallamalai Fold Belt, India. <i>Journal of the Geological Society</i> , 2017, 174, 1062-1069.	2.1	13
62	Petrogenesis of the Dalongkai ultramafic-mafic intrusion and its tectonic implication for the Paleotethyan evolution along the Ailaoshan tectonic zone (SW China). <i>Journal of Asian Earth Sciences</i> , 2017, 141, 112-124.	2.3	25
63	A new Paleoproterozoic tectonic history of the eastern Capricorn Orogen, Western Australia, revealed by U-Pb zircon dating of micro-tuffs. <i>Precambrian Research</i> , 2016, 286, 1-19.	2.7	24
64	The 1320 Ma intracontinental Wongawobbin Basin, Pilbara, Western Australia: A far-field response to Albany-Fraser-Musgrave tectonics. <i>Precambrian Research</i> , 2016, 285, 58-79.	2.7	4
65	Multiple episodes of hematite mineralization indicated by U-Pb dating of iron-ore deposits, Marquette Range, Michigan, USA. <i>Geology</i> , 2016, 44, 547-550.	4.4	19
66	Zircon U-Pb geochronology of the Cenozoic granitic mylonite along the Ailaoshan-Red river shear zone: New constraints on the timing of the sinistral shearing. <i>Journal of Earth Science (Wuhan)</i> , 2016, 30, 100-104.	1.0	10
67	Petrogenesis and tectonic implication of the Late Triassic post-collisional volcanic rocks in Chiang Khong, NW Thailand. <i>Lithos</i> , 2016, 248-251, 418-431.	1.4	30
68	In situ U-Pb geochronology of xenotime and monazite from the Abra polymetallic deposit in the Capricorn Orogen, Australia: Dating hydrothermal mineralization and fluid flow in a long-lived crustal structure. <i>Precambrian Research</i> , 2015, 260, 91-112.	2.7	52
69	Paleotethyan subduction process revealed from Triassic blueschists in the Lancang tectonic belt of Southwest China. <i>Tectonophysics</i> , 2015, 662, 95-108.	2.2	92
70	Petrogenesis and tectonic implications of Late-Triassic high $\epsilon_{Nd(t)}$ - $\epsilon_{Hf(t)}$ granites in the Ailaoshan tectonic zone (SW China). <i>Science China Earth Sciences</i> , 2014, 57, 2181-2194.	5.2	40
71	Late Permian-Triassic magmatic evolution in the Jinshajiang orogenic belt, SW China and implications for orogenic processes following closure of the Paleo-Tethys. <i>Numerische Mathematik</i> , 2013, 313, 81-112.	1.4	112
72	Contrasting rift and subduction-related plagiogranites in the Jinshajiang ophiolitic mélange, southwest China, and implications for the Paleotethys. <i>Tectonics</i> , 2012, 31, .	2.8	102

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73	Geochronological and geochemical constraints on the petrogenesis of Middle Paleozoic (Kwanghsian) massive granites in the eastern South China Block. <i>Lithos</i> , 2012, 150, 188-208.	1.4	105
74	Generation of Early Indosinian enriched mantle-derived granitoid pluton in the Sanjiang Orogen (SW Tj ETQq0 0 0 rgt /Overlock 10 Tf	1.4	131
75	Triassic collision in the Paleo-Tethys Ocean constrained by volcanic activity in SW China. <i>Lithos</i> , 2012, 144-145, 145-160.	1.4	145
76	U-Pb geochronology and geochemistry of the Dashibao Basalts in the Songpan-Ganzi Terrane, SW China, with implications for the age of Emeishan volcanism. <i>Numerische Mathematik</i> , 2010, 310, 1054-1080.	1.4	53
77	Geochemistry and petrogenesis of the Permian mafic dykes in the Panxi region, SW China. <i>Gondwana Research</i> , 2008, 14, 368-382.	6.0	35
78	Post-collisional potassic magmatism in the Southern Awulale Mountain, western Tianshan Orogen: Petrogenetic and tectonic implications. <i>Gondwana Research</i> , 2008, 14, 383-394.	6.0	54
79	Age of the Archaean Murchison Belt and mineralisation, South Africa. <i>South African Journal of Geology</i> , 0, , .	1.2	3