# Jian-Wei Zi

List of Publications by Year
in descending order



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|---|---|---|---|
| 79 papers | 2,472 citations | 218677 26 h-index | 223800 46 g-index |
| 82 all docs | 82 docs citations | 82 times ranked | 1367 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | IN SITU DATING OF HYDROTHERMAL MONAZITE AND IMPLICATIONS FOR THE GEODYNAMIC CONTROLS ON ORE FORMATION IN THE JIAODONG GOLD PROVINCE, EASTERN CHINA. Economic Geology, 2020, 115, 671-685. | 3.8 | 160 |
| 2 | Triassic collision in the Paleo-Tethys Ocean constrained by volcanic activity in SW China. Lithos, 2012, 144-145, 145-160. | 1.4 | 145 |
| 3 | Generation of Early Indosinian enriched mantle-derived granitoid pluton in the Sanjiang Orogen (SW) Tj ETQq1 1 0.784314 rgBT /Overlo | 1.4 | 131 |
| 4 | Deconstructing South China and consequences for reconstructing Nuna and Rodinia. Earth-Science Reviews, 2020, 204, 103169. | 9.1 | 115 |
| 5 | Late Permian-Triassic magmatic evolution in the Jinshajiang orogenic belt, SW China and implications for orogenic processes following closure of the Paleo-Tethys. Numerische Mathematik, 2013, 313, 81-112. | 1.4 | 112 |
| 6 | Geochronological and geochemical constraints on the petrogenesis of Middle Paleozoic (Kwangsian) massive granites in the eastern South China Block. Lithos, 2012, 150, 188-208. | 1.4 | 105 |
| 7 | Contrasting rift and subductionâ€related plagiogranites in the Jinshajiang ophiolitic mÃ©lange, southwest China, and implications for the Paleoâ€Tethys. Tectonics, 2012, 31, . | 2.8 | 102 |
| 8 | Constraining subduction-collision processes of the Paleo-Tethys along the Changningâ€"Menglian Suture: New zircon U-Pb ages and Srâ€"Ndâ€"Pbâ€"Hfâ€"O isotopes of the Lincang Batholith. Gondwana Research, 2018, 62, 75-92. | 6.0 | 99 |
| 9 | Paleotethyan subduction process revealed from Triassic blueschists in the Lancang tectonic belt of Southwest China. Tectonophysics, 2015, 662, 95-108. | 2.2 | 92 |
| 10 | Post-collisional potassic magmatism in the Southern Awulale Mountain, western Tianshan Orogen: Petrogenetic and tectonic implications. Gondwana Research, 2008, 14, 383-394. | 6.0 | 54 |
| 11 | U-Pb geochronology and geochemistry of the Dashibao Basalts in the Songpan-Ganzi Terrane, SW China, with implications for the age of Emeishan volcanism. Numerische Mathematik, 2010, 310, 1054-1080. | 1.4 | 53 |
| 12 | In situ Uâ€"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. Precambrian Research, 2015, 260, 91-112. | 2.7 | 52 |
| 13 | 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. Economic Geology, 2017, 112, 1205-1230. | 3.8 | 52 |
| 14 | Cambrian intraâ€"oceanic arc trondhjemite and tonalite in the Tam Kyâ€"Phuoc Son Suture Zone, central Vietnam: Implications for the early Paleozoic assembly of the Indochina Block. Gondwana Research, 2019, 70, 151-170. | 6.0 | 49 |
| 15 | Neoarchean and Paleoproterozoic K-rich granites in the Phan Si Pan Complex, north Vietnam: Constraints on the early crustal evolution of the Yangtze Block. Precambrian Research, 2019, 332, 105395. | 2.7 | 42 |
| 16 | Reexamination of 2.5-Ga â€œwhiffâ€•of oxygen interval points to anoxic ocean before GOE. Science Advances, 2022, 8, eabj7190. | 10.3 | 42 |
| 17 | Late Triassic post-collisional granites related to Paleotethyan evolution in SE Thailand: Geochronological and geochemical constraints. Lithos, 2017, 286-287, 440-453. | 1.4 | 41 |
| 18 | Petrogenesis and tectonic implications of Late-Triassic high É› Nd(t)-É› Hf(t) granites in the Ailaoshan tectonic zone (SW China). Science China Earth Sciences, 2014, 57, 2181-2194. | 5.2 | 40 |

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|---|---|---|---|
| 19 | Geodynamics of the Indosinian orogeny between the South China and Indochina blocks: Insights from latest Permianâ€“Triassic granitoids and numerical modeling. Bulletin of the Geological Society of America, 2018, 130, 1289-1306. | 3.3 | 37 |
| 20 | Geochemistry and petrogenesis of the Permian mafic dykes in the Panxi region, SW China. Gondwana Research, 2008, 14, 368-382. | 6.0 | 35 |
| 21 | Early Paleoproterozoic magmatism in the Yangtze Block: Evidence from zircon U-Pb ages, Sr-Nd-Hf isotopes and geochemistry of ca. 2.3â€¯Ga and 2.1â€¯Ga granitic rocks in the Phan Si Pan Complex, north Vietnam. Precambrian Research, 2019, 324, 253-268. | 2.7 | 34 |
| 22 | Petrogenesis of Archean TTGs and potassic granites in the southern Yangtze Block: Constraints on the early formation of the Yangtze Block. Precambrian Research, 2020, 347, 105848. | 2.7 | 34 |
| 23 | Tracing the provenance of volcanic ash in Permianâ€“Triassic boundary strata, South China: Constraints from inherited and syn-depositional magmatic zircons. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 516, 190-202. | 2.3 | 31 |
| 24 | Reconstructing South China in the Mesoproterozoic and its role in the Nuna and Rodinia supercontinents. Precambrian Research, 2020, 337, 105558. | 2.7 | 31 |
| 25 | Petrogenesis and tectonic implication of the Late Triassic post-collisional volcanic rocks in Chiang Khong, NW Thailand. Lithos, 2016, 248-251, 418-431. | 1.4 | 30 |
| 26 | Geochronological and geochemical constraints on the intermediate-acid volcanic rocks along the Chiang Khongâ€“Lampangâ€“Tak igneous zone in NW Thailand and their tectonic implications. Gondwana Research, 2017, 45, 87-99. | 6.0 | 28 |
| 27 | Ediacaran (~ 600 Ma) orogenic gold in Egypt: age of the Atalla gold mineralization and its geological significance. International Geology Review, 2019, 61, 779-794. | 2.1 | 27 |
| 28 | Newly identified 1.89â€¯Ga mafic dyke swarm in the Archean Yilgarn Craton, Western Australia suggests a connection with India. Precambrian Research, 2019, 329, 156-169. | 2.7 | 27 |
| 29 | Sedimentation and magmatism in the Paleoproterozoic Cuddapah Basin, India: Consequences of lithospheric extension. Gondwana Research, 2017, 48, 153-163. | 6.0 | 26 |
| 30 | Petrogenesis of the Dalongkai ultramafic-mafic intrusion and its tectonic implication for the Paleotethyan evolution along the Ailaoshan tectonic zone (SW China). Journal of Asian Earth Sciences, 2017, 141, 112-124. | 2.3 | 25 |
| 31 | Texturally Controlled Uâ€“Thâ€“Pb Monazite Geochronology Reveals Paleoproterozoic UHT Metamorphic Evolution in the Khondalite Belt, North China Craton. Journal of Petrology, 2020, 61, . | 2.8 | 25 |
| 32 | A new Paleoproterozoic tectonic history of the eastern Capricorn Orogen, Western Australia, revealed by Uâ€“Pb zircon dating of micro-tuffs. Precambrian Research, 2016, 286, 1-19. | 2.7 | 24 |
| 33 | Monazite trumps zircon: applying SHRIMP Uâ€“Pb geochronology to systematically evaluate emplacement ages of leucocratic, low-temperature granites in a complex Precambrian orogen. Contributions To Mineralogy and Petrology, 2017, 172, 1. | 3.1 | 24 |
| 34 | The Mesoproterozoic Baoban Complex, South China: A missing fragment of western Laurentian lithosphere. Bulletin of the Geological Society of America, 2020, 132, 1404-1418. | 3.3 | 23 |
| 35 | Extensional episodes in the Paleoproterozoic Capricorn Orogen, Western Australia, revealed by petrogenesis and geochronology of maficâ€“ultramafic rocks. Precambrian Research, 2018, 306, 22-40. | 2.7 | 22 |
| 36 | Linking gold mineralization to regional-scale drivers of mineral systemsÂusing in situ Uâ€“Pb geochronology and pyrite LA-ICP-MS elementÂmapping. Geoscience Frontiers, 2019, 10, 89-105. | 8.4 | 22 |

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| 37 | Proto-Tethys ophiolitic mÃ©lange in SW Yunnan: Constraints from zircon U-Pb geochronology and geochemistry. Geoscience Frontiers, 2021, 12, 101200. | 8.4 | 21 |
| 38 | Young ores in old rocks: Proterozoic iron mineralisation in Mesoarchean banded iron formation, northern Pilbara Craton, Australia. Ore Geology Reviews, 2017, 89, 40-69. | 2.7 | 20 |
| 39 | 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. Journal of Earth Science (Wuhan, China), 2020, 31, 35-52. | 3.2 | 20 |
| 40 | Multiple episodes of hematite mineralization indicated by U-Pb dating of iron-ore deposits, Marquette Range, Michigan, USA. Geology, 2016, 44, 547-550. | 4.4 | 19 |
| 41 | Zircon Uâ€“Pb geochronology, and elemental and Srâ€“Ndâ€“Hfâ€“O isotopic geochemistry of post-collisional rhyolite in the Chiang Khong area, NW Thailand and implications for the melting of juvenile crust. International Journal of Earth Sciences, 2017, 106, 1375-1389. | 1.8 | 19 |
| 42 | Using monazite geochronology to test the plume model for carbonatites: The example of Gifford Creek Carbonatite Complex, Australia. Chemical Geology, 2017, 463, 50-60. | 3.3 | 18 |
| 43 | U-Pb dating of overpressure veins in late Archean shales reveals six episodes of Paleoproterozoic deformation and fluid flow in the Pilbara craton. Geology, 2020, 48, 961-965. | 4.4 | 18 |
| 44 | 1.39â€¯Ga mafic dyke swarm in southwestern Yilgarn Craton marks Nuna to Rodinia transition in the West Australian Craton. Precambrian Research, 2018, 316, 291-304. | 2.7 | 17 |
| 45 | U-Pb monazite ages of the Kabanga mafic-ultramafic intrusions and contact aureoles, central Africa: Geochronological and tectonic implications. Bulletin of the Geological Society of America, 2019, 131, 1857-1870. | 3.3 | 17 |
| 46 | Neighbouring orogenic gold deposits may be the products of unrelated mineralizing events. Ore Geology Reviews, 2018, 95, 593-603. | 2.7 | 16 |
| 47 | High-Grade Magnetite Mineralization at 1.86 Ga in Neoarchean Banded Iron Formations, Gongchangling, China: In Situ U-Pb Geochronology of Metamorphic-Hydrothermal Zircon and Monazite. Economic Geology, 2019, 114, 1159-1175. | 3.8 | 16 |
| 48 | 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. Economic Geology, 2021, 116, 1687-1710. | 3.8 | 16 |
| 49 | In situ U-Pb and geochemical evidence for ancient Pb-loss during hydrothermal alteration producing apparent young concordant zircon dates in older tuffs. Geochimica Et Cosmochimica Acta, 2022, 320, 324-338. | 3.9 | 16 |
| 50 | SHRIMP Uâ€“Pb zircon geochronology establishes that banded iron formations are not chronostratigraphic markers across Archean greenstone belts of the Pilbara Craton. Precambrian Research, 2017, 292, 290-304. | 2.7 | 15 |
| 51 | U-Pb geochronology of monazite in Precambrian tuffs reveals depositional and metamorphic histories. Precambrian Research, 2018, 313, 109-118. | 2.7 | 15 |
| 52 | 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. Ore Geology Reviews, 2018, 101, 966-984. | 2.7 | 14 |
| 53 | Tracking Prototethyan assembly felsic magmatic suites in southern Yunnan (SW China): evidence for an Early Ordovicianâ€“Early Silurian arcâ€“back-arc system. Journal of the Geological Society, 2021, 178, . | 2.1 | 14 |
| 54 | Uâ€“Pb dating of metamorphic monazite establishes a Pan-African age for tectonism in the Nallamalai Fold Belt, India. Journal of the Geological Society, 2017, 174, 1062-1069. | 2.1 | 13 |

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| 55 | Phase equilibrium modelling and SHRIMP zircon Uâ€“Pb dating of medium-pressure pelitic granulites in the Helanshan complex of the Khondalite Belt, North China Craton, and their tectonic implications. Precambrian Research, 2018, 314, 62-75. | 2.7 | 13 |
| 56 | Reconstructing the Lancang Terrane (SW Yunnan) and implications for early Paleozoic Proto-Tethys evolution at the northern margin of Gondwana. Gondwana Research, 2022, 101, 278-294. | 6.0 | 12 |
| 57 | In situ U-Pb geochronology and geochemistry of a 1.13â€¯Ga mafic dyke suite at Bunger Hills, East Antarctica: The end of the Albany-Fraser Orogeny. Precambrian Research, 2018, 310, 76-92. | 2.7 | 11 |
| 58 | Pyroxene 40 Ar/ 39 Ar Dating of Basalt and Applications to Large Igneous Provinces and Precambrian Stratigraphic Correlations. Journal of Geophysical Research: Solid Earth, 2019, 124, 8313-8330. | 3.4 | 11 |
| 59 | The evolution of a Precambrian arc-related granulite facies gold deposit: Evidence from the Glenburgh deposit, Western Australia. Precambrian Research, 2017, 290, 63-85. | 2.7 | 10 |
| 60 | Timing of two separate granulite-facies metamorphic events in the Helanshan complex, North China Craton: Constraints from monazite and zircon Uâ€“Pb dating of pelitic granulites. Lithos, 2019, 350-351, 105216. | 1.4 | 10 |
| 61 | 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 /Ov | 4.4 | 10 |
| 62 | 4D history of the Nimbus VHMS ore deposit in the Yilgarn Craton, Western Australia. Precambrian Research, 2020, 337, 105536. | 2.7 | 10 |
| 63 | 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. Journal of Earth Science (Wuhan,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.2 | 9 |
| 64 | First evidence of Archean mafic dykes at 2.62â€¯Ga in the Yilgarn Craton, Western Australia: Links to cratonisation and the Zimbabwe Craton. Precambrian Research, 2018, 317, 1-13. | 2.7 | 9 |
| 65 | Establishing the P-T path of UHT granulites by geochemically distinguishing peritectic from retrograde garnet. American Mineralogist, 2021, 106, 1640-1653. | 1.9 | 9 |
| 66 | The link between an anorthosite complex and underlying olivineâ€“Ti-magnetite-rich layered intrusion in Damiao, China: insights into magma chamber processes in the formation of Proterozoic massif-type anorthosites. Contributions To Mineralogy and Petrology, 2019, 174, 1. | 3.1 | 7 |
| 67 | A 1.25 Ga depositional age for the â€œPaleoproterozoicâ€• Mapedi red beds, Kalahari manganese field, South Africa: New constraints on the timing of oxidative weathering and hematite mineralization. Geology, 2020, 48, 44-48. | 4.4 | 6 |
| 68 | The 4D evolution of the Teutonic Bore Camp VHMS deposits, Yilgarn Craton, Western Australia. Ore Geology Reviews, 2020, 120, 103448. | 2.7 | 6 |
| 69 | Refining the Paleoproterozoic tectonothermal history of the Penokean Orogen: New U-Pb age constraints from the Pembine-Wausau terrane, Wisconsin, USA. Bulletin of the Geological Society of America, 2022, 134, 776-790. | 3.3 | 6 |
| 70 | Precise ages of gold mineralization and pre-gold hydrothermal activity in the Baiyun gold deposit, northeastern China: in situ Uâ€“Pb dating of hydrothermal xenotime and rutile. Mineralium Deposita, 2022, 57, 1001-1022. | 4.1 | 6 |
| 71 | Using In Situ Monazite and Xenotime U-Pb Geochronology to Resolve the Fate of the â€œMissingâ€• Banded Iron Formation-Hosted High-Grade Hematite Ores of the North China Craton. Economic Geology, 2020, 115, 189-204. | 3.8 | 5 |
| 72 | The 1320 Ma intracontinental Wongawobbin Basin, Pilbara, Western Australia: A far-field response to Albanyâ€“Fraserâ€“Musgrave tectonics. Precambrian Research, 2016, 285, 58-79. | 2.7 | 4 |

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| 73 | The Mangaroon Orogeny: Synchronous c. 1.7â€ Ga magmatism and low-P, high-T metamorphism in the West Australian Craton. Precambrian Research, 2019, 333, 105425. | 2.7 | 4 |
| 74 | Role of fluids in Feâ€“Tiâ€“P mineralization of the Proterozoic Damiao anorthosite complex, China: Insights from baddeleyiteâ€“zircon relationships in ore and altered anorthosite. Ore Geology Reviews, 2019, 115, 103186. | 2.7 | 4 |
| 75 | SHRIMP Uâ€“Pb phosphate dating shows metamorphism was synchronous with magmatism during the Paleoproterozoic Capricorn Orogeny. Australian Journal of Earth Sciences, 2019, 66, 973-990. | 1.0 | 3 |
| 76 | Age of the Archaean Murchison Belt and mineralisation, South Africa. South African Journal of Geology, 0, , . | 1.2 | 3 |
| 77 | Gold metallogeny of the northern Capricorn Orogen: The relationship between crustal architecture, fault reactivation and hydrothermal fluid flow. Ore Geology Reviews, 2020, 122, 103515. | 2.7 | 3 |
| 78 | ç‹¬å±…çŸ³æˆ•çŸ¿ç‰©å¦ç‰¹å¾åŠå…¶å¯U-Th-Pbå¹´é¾„è§£é‡Šçš„å¶çº¦. Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science Geosciences, 2022, 47, 1383. | 0.5 | 3 |
| 79 | Eocene animal trace fossils in 1.7-billion-year-old metaquartzites. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2105707118. | 7.1 | 2 |