

Yongfeng Zhu

List of Publications by Year in descending order

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64
papers

1,716
citations

346980

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325983

40
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70
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docs citations

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times ranked

1137
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Variation of crustal thickness in central west Junggar orogenic belt: insight into its Late Palaeozoic tectonic evolution. <i>International Geology Review</i> , 2022, 64, 1799-1816. | 1.1 | 8 |
| 2 | Petrology and geochemistry of ultramafic and mafic rocks in the late Silurian-early Devonian Darbut ophiolitic mélange of west Junggar (NORTHWESTERN CHINA): implications for petrogenesis and tectonic evolution. <i>International Geology Review</i> , 2022, 64, 2601-2625. | 1.1 | 3 |
| 3 | Petrogenesis of lamprophyre in Sawur, northern Xinjiang, China: Implication for volcanic hosted gold deposits. <i>Ore Geology Reviews</i> , 2022, 144, 104856. | 1.1 | 2 |
| 4 | Textural, trace elemental and sulfur isotopic signatures of arsenopyrite and pyrite from the Mandongshan gold deposit (west Junggar, NW China): Implications for the conditions of gold mineralization. <i>Ore Geology Reviews</i> , 2021, 129, 103938. | 1.1 | 5 |
| 5 | Petrogenesis of the early Carboniferous Xilinhote diorite pluton in central Inner Mongolia: Magma evolution and tectonic significance. <i>Lithos</i> , 2020, 354-355, 105339. | 0.6 | 8 |
| 6 | Petrology and geochemistry of early Carboniferous volcanic rocks in the Xinyuan region of western Tianshan: Implications for magma sources. <i>Lithos</i> , 2020, 364-365, 105505. | 0.6 | 2 |
| 7 | Genetic link between gold mineralization and porphyry magmatism in the Baogutu district, West Junggar, NW China: Constraints from Re-Os and S isotopes in sulphide. <i>Geological Journal</i> , 2020, 55, 6098-6105. | 0.6 | 4 |
| 8 | Chromitite genesis based on chrome-spinels and their inclusions in the Sartohay podiform chromitites in west Junggar of northwest China. <i>Ore Geology Reviews</i> , 2020, 119, 103401. | 1.1 | 10 |
| 9 | Characterization of the Hegenshan podiform chromitites (Inner Mongolia, China): Sub-solidus cooling and hydrothermal alteration. <i>Ore Geology Reviews</i> , 2020, 120, 103413. | 1.1 | 3 |
| 10 | Petrogenesis and tectonic implications of the late Carboniferous calc-alkaline and shoshonitic magmatic rocks in the Awulale mountain, western Tianshan. <i>Gondwana Research</i> , 2019, 76, 44-61. | 3.0 | 21 |
| 11 | Platinum-group minerals and Fe-Ni minerals in the Sartohay podiform chromitite (west Junggar, China). <i>Ore Geology Reviews</i> , 2019, 112, 103020. | 1.1 | 7 |
| 12 | Magmatic plumbing system beneath a fossil continental arc volcano in western Tianshan (NW China): Constraints from clinopyroxene and thermodynamic modelling. <i>Lithos</i> , 2019, 350-351, 105221. | 0.6 | 4 |
| 13 | Geology, geochronology, and geochemistry of the Siruyidi copper prospect, Taxkorgan: A possible Miocene porphyry Mo-Cu deposit in the Central Pamir. <i>Ore Geology Reviews</i> , 2019, 105, 572-589. | 1.1 | 2 |
| 14 | Mechanism of gold precipitation in the Gezigou gold deposit, Xinjiang, NW China: Evidence from fluid inclusions and thermodynamic modeling. <i>Journal of Geochemical Exploration</i> , 2019, 199, 60-74. | 1.5 | 10 |
| 15 | Harzburgite found in the Hegenshan ophiolite, southeastern Central Asian Orogenic Belt: Petrogenesis and geological implications. <i>Gondwana Research</i> , 2019, 75, 28-46. | 3.0 | 9 |
| 16 | Magmatic oxidation state of the Baogutu porphyry copper deposit in the west Junggar of China: Implication for ore-formation. <i>Ore Geology Reviews</i> , 2019, 106, 351-368. | 1.1 | 7 |
| 17 | Spinel and orthopyroxene exsolved from clinopyroxene in the Haladala pluton in the middle Tianshan (Xinjiang, China). <i>Mineralogy and Petrology</i> , 2018, 112, 465-479. | 0.4 | 4 |
| 18 | Listwaenite in the Sartohay ophiolitic mélange (Xinjiang, China): A genetic model based on petrology, U-Pb chronology and trace element geochemistry. <i>Lithos</i> , 2018, 302-303, 427-446. | 0.6 | 21 |

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|----|---|-----|-----------|
| 19 | Partial-melting of fertile metasedimentary rocks controlling the ore formation in the Jiangnan porphyry-skarn tungsten belt, south China: A case study at the giant Zhuxi W-Cu skarn deposit. <i>Lithos</i> , 2018, 304-307, 180-199. | 0.6 | 47 |
| 20 | Geology and geochemistry of the Early Permian Axi low-sulfidation epithermal gold deposit in North Tianshan (NW China). <i>Ore Geology Reviews</i> , 2018, 100, 12-30. | 1.1 | 30 |
| 21 | Geochronology and geochemistry of the Huilvshan gabbro in west Junggar (NW China): Implications for magma process and tectonic regime. <i>Mineralogy and Petrology</i> , 2018, 112, 297-315. | 0.4 | 13 |
| 22 | Chromian spinels in highly altered ultramafic rocks from the Sartohay ophiolitic mélange, Xinjiang, NW China. <i>Journal of Asian Earth Sciences</i> , 2018, 159, 155-184. | 1.0 | 13 |
| 23 | Decoding magma storage and pre-eruptive processes in the plumbing system beneath early Carboniferous arc volcanoes of southwestern Tianshan, Northwest China. <i>Lithos</i> , 2018, 322, 362-375. | 0.6 | 11 |
| 24 | Characterization of anhydrous to hydrous paragenetic sequence from pyroxene-bearing and pyroxene-absent variants of the late Carboniferous Baobei pluton in west Junggar of China. <i>Gondwana Research</i> , 2018, 63, 129-151. | 3.0 | 12 |
| 25 | Geology and geochemistry of pillow basalt in the Huilvshan region (west Junggar, China): implications for magma source and tectonic setting. <i>Canadian Journal of Earth Sciences</i> , 2018, 55, 1339-1353. | 0.6 | 4 |
| 26 | Petrology and geochemistry of mafic and ultramafic rocks in the north Tianshan ophiolite: Implications for petrogenesis and tectonic setting. <i>Lithos</i> , 2018, 318-319, 124-142. | 0.6 | 20 |
| 27 | The zircon U-Pb and Hf isotope constraints on the basement nature and Paleozoic evolution in northern margin of Yili Block, NW China. <i>Gondwana Research</i> , 2017, 43, 41-54. | 3.0 | 41 |
| 28 | Mineralogy, fluid inclusions, and isotopes of the Cihai iron deposit, eastern Tianshan, NW China: Implication for hydrothermal evolution and genesis of subvolcanic rocks-hosted skarn-type deposits. <i>Ore Geology Reviews</i> , 2017, 86, 404-425. | 1.1 | 26 |
| 29 | Paleozoic intrusive rocks in the Nalati mountain range (NMR), southwest Tianshan: Geodynamic evolution based on petrology and geochemical studies. <i>Journal of Earth Science (Wuhan, China)</i> , 2017, 28, 196-217. | 1.1 | 21 |
| 30 | Genesis of the Mandongshan gold deposit (Xinjiang, NW China): T-P-E'S2 and phase equilibria constraints from the Au-As-Fe-S system. <i>Ore Geology Reviews</i> , 2017, 83, 135-151. | 1.1 | 19 |
| 31 | Geology and geochemistry of the Jianchaling hydrothermal nickel deposit: T-P-E'S2 conditions and nickel precipitation mechanism. <i>Ore Geology Reviews</i> , 2017, 91, 216-235. | 1.1 | 6 |
| 32 | Geology and geochemistry of the Huilvshan gold deposit, Xinjiang, China: Implications for mechanism of gold precipitation. <i>Ore Geology Reviews</i> , 2016, 79, 218-240. | 1.1 | 18 |
| 33 | Chromian Spinels in Listwaenite and Related Rocks in the Sartohay Ophiolitic Mélange, Xinjiang, NW China. <i>Acta Geologica Sinica</i> , 2016, 90, 235-235. | 0.8 | 0 |
| 34 | Geological evolution and huge ore-forming belts in the core part of the Central Asian metallogenic region. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 491-506. | 1.1 | 36 |
| 35 | Platinum group mineral (PGM) and Fe-Ni-As-S minerals in the Sartohay chromitite, Xinjiang (NW) Tj ETQq1 1 0.784314 rgBT /Ov <i>Ore Geology Reviews</i> , 2016, 72, 299-312. | 1.1 | 14 |
| 36 | As-Sb-Bi-Au mineralization in the Baogutu gold deposit, Xinjiang, NW China. <i>Ore Geology Reviews</i> , 2015, 69, 17-32. | 1.1 | 13 |

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|----|---|-----|-----------|
| 37 | Geology and geochemistry of the Bajiantan "Baikouquan ophiolitic mafic dykes: implications for geological evolution of west Junggar, Xinjiang, NW China. Geological Magazine, 2015, 152, 41-69. | 0.9 | 78 |
| 38 | Geology and geochemistry of listwaenite-related gold mineralization in the Sayi gold deposit, Xinjiang, NW China. Ore Geology Reviews, 2015, 70, 61-79. | 1.1 | 25 |
| 39 | Multi-stage pyrite and hydrothermal mineral assemblage of the Hatu gold district (west Junggar, Xinjiang, NW China). Ore Geology Reviews, 2015, 70, 107-114. | 1.1 | 26 |
| 40 | The post-collisional Cihai iron skarn deposit, eastern Tianshan, Xinjiang, China. Ore Geology Reviews, 2015, 67, 244-254. | 1.1 | 29 |
| 41 | An Early Devonian to Early Carboniferous volcanic arc in North Tianshan, NW China: Geochronological and geochemical evidence from volcanic rocks. Journal of Asian Earth Sciences, 2013, 78, 100-113. | 1.0 | 84 |
| 42 | A new geological map of the western Junggar, north Xinjiang (NW China): Implications for Paleoenvironmental reconstruction. Episodes, 2013, 36, 205-220. | 0.8 | 64 |
| 43 | Geochemistry of hydrothermal gold deposits: A review. Geoscience Frontiers, 2011, 2, 367-374. | 4.3 | 121 |
| 44 | Zircon U-Pb and muscovite ⁴⁰ Ar/ ³⁹ Ar geochronology of the gold-bearing Tianger mylonitized granite, Xinjiang, northwest China: Implications for radiometric dating of mylonitized magmatic rocks. Ore Geology Reviews, 2011, 40, 108-121. | 1.1 | 23 |
| 45 | Recent advances in geology and exploration in the Balkash-western Junggar region (Kazakhstan and Xinjiang, NW China): A copper-gold province. Episodes, 2011, 34, 208-211. | 0.8 | 3 |
| 46 | Native antimony in the Baogutu gold deposit (west Junggar, NW China): Its occurrence and origin. Ore Geology Reviews, 2010, 37, 214-223. | 1.1 | 33 |
| 47 | Petrology, Nd-Hf isotopic geochemistry and zircon chronology of the Late Palaeozoic volcanic rocks in the southwestern Tianshan Mountains, Xinjiang, NW China. Journal of the Geological Society, 2009, 166, 1085-1099. | 0.9 | 183 |
| 48 | Significance of native arsenic in the Baogutu gold deposit, western Junggar, Xinjiang, NW China. Science Bulletin, 2009, 54, 1744-1749. | 4.3 | 10 |
| 49 | K ₂ O and SiO ₂ rich glasses in harzburgite from Damaping, north China. Island Arc, 2008, 17, 560-576. | 0.5 | 8 |
| 50 | Eclogites from the Chinese continental scientific drilling borehole, their petrology and different tectonic evolutions. Island Arc, 2007, 16, 508-535. | 0.5 | 21 |
| 51 | The Tianger (Bingdaban) shear zone hosted gold deposit, west Tianshan, NW China: Petrographic and geochemical characteristics. Ore Geology Reviews, 2007, 32, 337-365. | 1.1 | 39 |
| 52 | Geochemistry of the rare metal-bearing pegmatite No. 3 vein and related granites in the Keketuohai region, Altay Mountains, northwest China. Journal of Asian Earth Sciences, 2006, 27, 61-77. | 1.0 | 87 |
| 53 | The zircon SHRIMP chronology and trace element geochemistry of the Carboniferous volcanic rocks in western Tianshan Mountains. Science Bulletin, 2005, 50, 2201-2212. | 1.7 | 152 |
| 54 | The zircon SHRIMP chronology and trace element geochemistry of the Carboniferous volcanic rocks in western Tianshan Mountains. Science Bulletin, 2005, 50, 2201. | 1.7 | 14 |

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|----|---|-----|-----------|
| 55 | Clinopyroxene phenocrysts (with green salite cores) in trachybasalts: implications for two magma chambers under the Kokchetav UHP massif, North Kazakhstan. <i>Journal of Asian Earth Sciences</i> , 2004, 22, 517-527. | 1.0 | 21 |
| 56 | Comments on "Crystal-melt equilibria involving potassium-bearing clinopyroxene as indicator of mantle-derived ultrahigh-potassic liquids: an analytical review". <i>Lithos</i> , 2003, 68, 115-119. | 0.6 | 9 |
| 57 | Carbon recycled into deep Earth: Evidence from dolomite dissociation in subduction-zone rocks: Comment and Reply. <i>Geology</i> , 2003, 31, e5-e6. | 2.0 | 3 |
| 58 | Carbon recycled into deep Earth: Evidence from dolomite dissociation in subduction-zone rocks. <i>Geology</i> , 2002, 30, 947. | 2.0 | 65 |
| 59 | Phlogopite and Coesite Exsolution from Super-Silicic Clinopyroxene. <i>International Geology Review</i> , 2002, 44, 831-836. | 1.1 | 39 |
| 60 | The mineralogy of the Kokchetav "lamproite": implications for the magma evolution. <i>Journal of Volcanology and Geothermal Research</i> , 2002, 116, 35-61. | 0.8 | 10 |
| 61 | Geochemistry of the Ore-Forming Fluids in Gold Deposits from the Taihang Mountains, Northern China. <i>International Geology Review</i> , 2001, 43, 457-473. | 1.1 | 23 |
| 62 | A Gold-bearing Alkaline Pluton in Eastern Linxi District, Inner Mongolia: Its Geochemistry and Metallogenic Significance. <i>Resource Geology</i> , 2001, 51, 393-399. | 0.3 | 4 |
| 63 | Permian volcanism in the Mongolian orogenic zone, northeast China: geochemistry, magma sources and petrogenesis. <i>Geological Magazine</i> , 2001, 138, 101-115. | 0.9 | 64 |
| 64 | Qia'erdundunbasixi Fe-Cu Deposit in Sawur, Xinjiang: A Case Study of Skarn Deposit Hosted by Volcanic Rock. <i>Frontiers in Earth Science</i> , 0, 10, . | 0.8 | 0 |