

Jun Gao

List of Publications by Year in descending order

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1284
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#	ARTICLE	IF	CITATIONS
1	Paleozoic Subduction–Accretion in the Southern Central Asian Orogenic Belt: Insights From the Wuwamen Accretionary Complex of the Chinese South Tianshan. <i>Tectonics</i> , 2022, 41, .	2.8	7
2	Early Devonian tectonic conversion from contraction to extension in the Chinese Western Tianshan: A response to slab rollback. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1613-1633.	3.3	12
3	Unravelling slab $\delta^{34}\text{S}$ compositions from in-situ sulphide $\delta^{34}\text{S}$ studies of high-pressure metamorphic rocks. <i>International Geology Review</i> , 2021, 63, 109-129.	2.1	10
4	Late Palaeozoic magmatism in the eastern Tsel Terrane of <sc>SW</sc> Mongolia evidenced by chronological and geochemical data. <i>Geological Journal</i> , 2021, 56, 3415-3447.	1.3	2
5	Three episodes of Precambrian mafic magmatism in the southern Central Tianshan Block (NW China): Insight into an evolving geodynamic model. <i>Precambrian Research</i> , 2020, 351, 105961.	2.7	10
6	The Implications of HClO ₄ for Dissolving Large Masses of Low Level Os in Metal Sulfides and Factors that Influence Re-Os Dating. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6218.	2.5	0
7	Uncovering and quantifying the subduction zone sulfur cycle from the slab perspective. <i>Nature Communications</i> , 2020, 11, 514.	12.8	69
8	<i>P</i> – <i>T</i> – <i>t</i> (phengite Ar closure) history of spatially close-outcropping HP and UHP oceanic eclogites (southwestern Tianshan): implication for a potential deep juxtaposing process during exhumation?. <i>International Geology Review</i> , 2019, 61, 1270-1293.	2.1	8
9	Architecture and <i>P</i> - <i>T</i> -deformation-time evolution of the Chinese SW-Tianshan HP/UHP complex: Implications for subduction dynamics. <i>Earth-Science Reviews</i> , 2019, 197, 102894.	9.1	40
10	Large-scale porphyry-type mineralization in the Central Asian metallogenic domain: A review. <i>Journal of Asian Earth Sciences</i> , 2018, 165, 7-36.	2.3	115
11	A slab break-off model for the submarine volcanic-hosted iron mineralization in the Chinese Western Tianshan: Insights from Paleozoic subduction-related to post-collisional magmatism. <i>Ore Geology Reviews</i> , 2018, 92, 144-160.	2.7	45
12	Massive sediment accretion at ~ 480 km depth along the subduction interface: Evidence from the southern Chinese Tianshan. <i>Geology</i> , 2018, 46, 495-498.	4.4	39
13	Rutile in HP Rocks from the Western Tianshan, China: Mineralogy and Its Economic Implications. <i>Journal of Earth Science (Wuhan, China)</i> , 2018, 29, 1049-1059.	3.2	7
14	Petrogenesis and Geodynamic Implications of Late Jurassic Diorite Porphyry in the Neoproterozoic Ophiolitic $\text{M}\ddot{\text{O}}$ lange of NE Jiangxi (South China). <i>Acta Geologica Sinica</i> , 2018, 92, 1008-1023.	1.4	6
15	Final Assembly of the Southwestern Central Asian Orogenic Belt as Constrained by the Evolution of the South Tianshan Orogen: Links With Gondwana and Pangea. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 7361-7388.	3.4	53
16	<i>P</i> – <i>T</i> – <i>t</i> -isotopic evolution of coesite-bearing eclogites: Implications for exhumation processes in SW Tianshan. <i>Lithos</i> , 2017, 278-281, 1-25.	1.4	43
17	The Central Tianshan Block: A microcontinent with a Neoproterozoic–Paleoproterozoic basement in the southwestern Central Asian Orogenic Belt. <i>Precambrian Research</i> , 2017, 295, 130-150.	2.7	63
18	Contrasting ore styles and their role in understanding the evolution of the Altai. <i>Ore Geology Reviews</i> , 2017, 80, 910-922.	2.7	35

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19	Redox processes in subducting oceanic crust recorded by sulfide-bearing high-pressure rocks and veins (SW Tianshan, China). <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	34
20	A subduction channel model for exhumation of oceanic-type high-pressure to ultrahigh-pressure eclogite-facies metamorphic rocks in SW Tianshan, China. <i>Science China Earth Sciences</i> , 2016, 59, 2339-2354.	5.2	39
21	Metamorphic evolution of (ultra)-high-pressure subduction-related transient crust in the South Tianshan Orogen (Central Asian Orogenic Belt): Geodynamic implications. <i>Gondwana Research</i> , 2015, 28, 1-25.	6.0	114
22	Record of assembly and breakup of Rodinia in the Southwestern Altaids: Evidence from Neoproterozoic magmatism in the Chinese Western Tianshan Orogen. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 173-193.	2.3	95
23	Early Neoproterozoic multiple arc "back-arc system formation during subduction" accretion processes between the Yangtze and Cathaysia blocks: New constraints from the supra-subduction zone NE Jiangxi ophiolite (South China). <i>Lithos</i> , 2015, 236-237, 90-105.	1.4	54
24	Genetically and geochronologically contrasting plagiogranites in South Central Tianshan ophiolitic mélange: Implications for the breakup of Rodinia and subduction zone processes. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 266-281.	2.3	23
25	Compositional zoning in dolomite from lawsonite-bearing eclogite (SW Tianshan, China): Evidence for prograde metamorphism during subduction of oceanic crust. <i>American Mineralogist</i> , 2014, 99, 206-217.	1.9	54
26	Preservation of Re-Os isotope signatures in pyrite throughout low- <i>T</i> , high- <i>P</i> eclogite facies metamorphism. <i>Terra Nova</i> , 2014, 26, 402-407.	2.1	9
27	Geochemistry and geochronology of the Precambrian high-grade metamorphic complex in the Southern Central Tianshan ophiolitic mélange, NW China. <i>Precambrian Research</i> , 2014, 254, 129-148.	2.7	65
28	Paleozoic ophiolitic mélanges from the South Tianshan Orogen, NW China: Geological, geochemical and geochronological implications for the geodynamic setting. <i>Tectonophysics</i> , 2014, 612-613, 106-127.	2.2	146
29	The collision between the Yili and Tarim blocks of the Southwestern Altaids: Geochemical and age constraints of a leucogranite dike crosscutting the HP-LT metamorphic belt in the Chinese Tianshan Orogen. <i>Tectonophysics</i> , 2011, 499, 118-131.	2.2	245
30	Geochemical and geochronological studies of granitoid rocks from the Western Tianshan Orogen: Implications for continental growth in the southwestern Central Asian Orogenic Belt. <i>Lithos</i> , 2011, 126, 321-340.	1.4	259
31	Nb-Ta fractionation by partial melting at the titanite-rutile transition. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 35-45.	3.1	104
32	UPb zircon geochronology of Tianshan eclogites in NW China: implication for the collision between the Yili and Tarim blocks of the southwestern Altaids. <i>European Journal of Mineralogy</i> , 2010, 22, 473-478.	1.3	185
33	Early Paleozoic tectonic evolution of the Chinese South Tianshan Orogen: constraints from SHRIMP zircon U-Pb geochronology and geochemistry of basaltic and dioritic rocks from Xiata, NW China. <i>International Journal of Earth Sciences</i> , 2009, 98, 551-569.	1.8	180
34	Tectonic evolution of the South Tianshan orogen and adjacent regions, NW China: geochemical and age constraints of granitoid rocks. <i>International Journal of Earth Sciences</i> , 2009, 98, 1221-1238.	1.8	509
35	OH in zoned amphiboles of eclogite from the western Tianshan, NW-China. <i>International Journal of Earth Sciences</i> , 2009, 98, 1299-1309.	1.8	15
36	Origin of the deep fluids in the paleosubduction zones in western Tianshan: Evidence from Pb- and Sr-isotope compositions of high-pressure veins and host rocks. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 1627-1636.	0.9	1

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37	Primary fluids entrapped at blueschist to eclogite transition: evidence from the Tianshan meta-subduction complex in northwestern China. Contributions To Mineralogy and Petrology, 2001, 142, 1-14.	3.1	158