Li-Fei Zhang

List of Publications by Year
in descending order

154 papers	8,189 citations	41344 49 h-index	51608 86 g-index
158 all docs	158 docs citations	158 times ranked	2598 citing authors

#	Article	IF	Citations
1	Evolution from Oceanic Subduction to Continental Collision: a Case Study from the Northern Tibetan Plateau Based on Geochemical and Geochronological Data. Journal of Petrology, 2006, 47, 435-455.	2.8	379
2	Geochemical, Srâ€“Nd and zircon Uâ€“Pbâ€“Hf isotopic studies of Late Carboniferous magmatism in the West Junggar, Xinjiang: Implications for ridge subduction?. Chemical Geology, 2009, 266, 364-389.	3.3	351
3	Continental orogenesis from ocean subduction, continent collision/subduction, to orogen collapse, and orogen recycling: The example of the North Qaidam UHPM belt, NW China. Earth-Science Reviews, 2014, 129, 59-84.	9.1	345
4	Uâ€“Pb zircon geochronology and geochemistry of Neoproterozoic volcanic rocks in the Tarim Block of northwest China: implications for the breakup of Rodinia supercontinent and Neoproterozoic glaciations. Precambrian Research, 2005, 136, 107-123.	2.7	266
5	Geochronology of diamond-bearing zircons from garnet peridotite in the North Qaidam UHPM belt, Northern Tibetan Plateau: A record of complex histories from oceanic lithosphere subduction to continental collision. Earth and Planetary Science Letters, 2005, 234, 99-118.	4.4	261
6	Triassic collision of western Tianshan orogenic belt, China: Evidence from SHRIMP Uâ€“Pb dating of zircon from HP/UHP eclogitic rocks. Lithos, 2007, 96, 266-280.	1.4	248
7	Geochemistry and Uâ€“Pb zircon ages of metamorphic volcanic rocks of the Paleoproterozoic LÃ¼liang Complex and constraints on the evolution of the Trans-North China Orogen, North China Craton. Precambrian Research, 2012, 222-223, 173-190.	2.7	201
8	Tracing the 850-Ma continental flood basalts from a piece of subducted continental crust in the North Qaidam UHPM belt, NW China. Precambrian Research, 2010, 183, 805-816.	2.7	193
9	Grenville-age orogenesis in the Qaidam-Qilian block: The link between South China and Tarim. Precambrian Research, 2012, 220-221, 9-22.	2.7	190
10	Ultra-deep origin of garnet peridotite from the North Qaidam ultrahigh-pressure belt, Northern Tibetan Plateau, NW China. American Mineralogist, 2004, 89, 1330-1336.	1.9	186
11	Petrology, Srâ€“Ndâ€“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.	2.1	183
12	The subducted oceanic crust within continental-type UHP metamorphic belt in the North Qaidam, NW China: Evidence from petrology, geochemistry and geochronology. Lithos, 2008, 104, 99-118.	1.4	177
13	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
14	Ultrahigh-pressure metamorphism in western Tianshan, China: Part I. Evidence from inclusions of coesite pseudomorphs in garnet and from quartz exsolution lamellae in omphacite in eclogites. American Mineralogist, 2002, 87, 853-860.	1.9	149
15	Geochemistry and zircon Uâ€“Pbâ€“Hf isotopic systematics of the Neoarchean Yixianâ€“Fuxin greenstone belt, northern margin of the North China Craton: Implications for petrogenesis and tectonic setting. Gondwana Research, 2011, 20, 64-81.	6.0	142
16	Tectonic evolution of early Paleozoic HP metamorphic rocks in the North Qilian Mountains, NW China: New perspectives. Journal of Asian Earth Sciences, 2009, 35, 334-353.	2.3	130
17	Coesite inclusions in garnet from eclogitic rocks in western Tianshan, northwest China: Convincing proof of UHP metamorphism. American Mineralogist, 2008, 93, 1845-1850.	1.9	128
18	CH4 inclusions in orogenic harzburgite: Evidence for reduced slab fluids and implication for redox melting in mantle wedge. Geochimica Et Cosmochimica Acta, 2009, 73, 1737-1754.	3.9	125

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19	Petrology of coesiteâ€bearing eclogite from Habutengsu Valley, western Tianshan, NW China and its tectonometamorphic implication. Journal of Metamorphic Geology, 2009, 27, 773-787.	3.4	122
20	Adakitic (tonalitic-trondhjemitic) magmas resulting from eclogite decompression and dehydration melting during exhumation in response to continental collision. Geochimica Et Cosmochimica Acta, 2014, 130, 42-62.	3.9	112
21	'Forbidden zone' subduction of sediments to 150 km depth- the reaction of dolomite to magnesite + aragonite in the UHPM metapelites from western Tianshan, China. Journal of Metamorphic Geology, 2003, 21, 523-529.	3.4	103
22	Relict coesite exsolution in omphacite from Western Tianshan eclogites, China. American Mineralogist, 2005, 90, 181-186.	1.9	103
23	Zircon U-Pb SHRIMP ages of eclogites from the North Qilian Mountains in NW China and their tectonic implication. Science Bulletin, 2004, 49, 848-852.	1.7	98
24	UHP metamorphic evolution and SHRIMP geochronology of a coesite-bearing meta-ophiolitic gabbro in the North Qaidam, NW China. Journal of Asian Earth Sciences, 2009, 35, 310-322.	2.3	98
25	Ultra-high pressure metamorphism in western Tianshan, China: Part II. Evidence from magnesite in eclogite. American Mineralogist, 2002, 87, 861-866.	1.9	94
26	Zircon Uâ€“Pbâ€“Hf isotopes and geochemistry of Neoarchean dioriticâ€“trondhjemitic gneisses, Eastern Hebei, North China Craton: Constraints on petrogenesis and tectonic implications. Precambrian Research, 2014, 251, 1-20.	2.7	92
27	Sodic amphibole exsolutions in garnet from garnet-peridotite, North Qaidam UHPM belt, NW China: Implications for ultradeep-origin and hydroxyl defects in mantle garnets. American Mineralogist, 2005, 90, 814-820.	1.9	88
28	UHP Metamorphism Documented in Ti-chondrodite- and Ti-clinohumite-bearing Serpentinized Ultramafic Rocks from Chinese Southwestern Tianshan. Journal of Petrology, 2015, 56, 1425-1458.	2.8	87
29	Petrology and Uâ€“Pb zircon dating of coesite-bearing metapelite from the Kebuerte Valley, western Tianshan, China. Journal of Asian Earth Sciences, 2013, 70-71, 295-307.	2.3	85
30	UHP metamorphic evolution of coesite-bearing eclogite from the Yuka terrane, North Qaidam UHPM belt, NW China. European Journal of Mineralogy, 2010, 21, 1287-1300.	1.3	82
31	Petrology of rodingite derived from eclogite in western Tianshan, China. Journal of Metamorphic Geology, 2007, 25, 363-382.	3.4	81
32	Petrology and SHRIMP Uâ€“Pb dating of Xitieshan eclogite, North Qaidam UHP metamorphic belt, NW China. Journal of Asian Earth Sciences, 2011, 42, 752-767.	2.3	77
33	Cold deep subduction recorded by remnants of a Paleoproterozoic carbonated slab. Nature Communications, 2018, 9, 2790.	12.8	75
34	Petrological and geochemical constraints on the origin of garnet peridotite in the North Qaidam ultrahigh-pressure metamorphic belt, northwestern China. Lithos, 2007, 96, 243-265.	1.4	71
35	A huge oceanic-type UHP metamorphic belt in southwestern Tianshan, China: Peak metamorphic age and P-T path. Science Bulletin, 2013, 58, 4378-4383.	1.7	70
36	Formation of abiotic hydrocarbon from reduction of carbonate in subduction zones: Constraints from petrological observation and experimental simulation. Geochimica Et Cosmochimica Acta, 2018, 239, 390-408.	3.9	70

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37	Petrology of HP metamorphic veins in coesite-bearing eclogite from western Tianshan, China: Fluid processes and elemental mobility during exhumation in a cold subduction zone. Lithos, 2012, 136-139, 168-186.	1.4	66
38	From oceanic subduction to continental collision: An overview of HPâ€“UHP metamorphic rocks in the North Qaidam UHP belt, NW China. Journal of Asian Earth Sciences, 2013, 63, 98-111.	2.3	64
39	Zircons from rodingite in the Western Tianshan serpentinite complex: Mineral chemistry and Uâ€“Pb ages define nature and timing of rodingitization. Lithos, 2010, 118, 17-34.	1.4	61
40	Early Paleozoic granite in Nujiang River of northwest Yunnan in southwestern China and its tectonic implications. Science Bulletin, 2007, 52, 2402-2406.	1.7	60
41	A polyphase metamorphic evolution for the Xitieshan paragneiss of the north Qaidam UHP metamorphic belt, western China: In-situ EMP monazite- and Uâ€“Pb zircon SHRIMP dating. Lithos, 2012, 136-139, 27-45.	1.4	60
42	A geochemical study of syn-subduction and post-collisional granitoids at Muzhaerte River in the Southwest Tianshan UHP belt, NW China. Lithos, 2012, 136-139, 201-224.	1.4	58
43	The youngest eclogite in central Himalaya: Pâ€“T path, Uâ€“Pb zircon age and its tectonic implication. Gondwana Research, 2017, 41, 188-206.	6.0	58
44	The Habutengsu metapelites and metagreywackes in western Tianshan, China: metamorphic evolution and tectonic implications. Journal of Metamorphic Geology, 2012, 30, 907-926.	3.4	56
45	1.23 Ga mafic dykes in the North China Craton and their implications for the reconstruction of the Columbia supercontinent. Gondwana Research, 2015, 27, 1407-1418.	6.0	55
46	Metamorphic evolution of relict lawsoniteâ€bearing eclogites from the (U) HP metamorphic belt in the Chinese southwestern Tianshan. Journal of Metamorphic Geology, 2014, 32, 575-598.	3.4	54
47	The tectonic evolution of the Tianshan Orogenic Belt: Evidence from Uâ€“Pb dating of detrital zircons from the Chinese southwestern Tianshan accretionary mÃ©lange. Gondwana Research, 2014, 25, 1627-1643.	6.0	53
48	Quartz and orthopyroxene exsolution lamellae in clinopyroxene and the metamorphic Pâ€“T path of Belomorian eclogites. Journal of Metamorphic Geology, 2018, 36, 1-22.	3.4	53
49	A Brief Review of UHP Meta-ophiolitic Rocks, Southwestern Tianshan, Western China. International Geology Review, 2007, 49, 811-823.	2.1	50
50	Coesite in the eclogite and schist of the Atantayi Valley, southwestern Tianshan, China. Science Bulletin, 2012, 57, 1467-1472.	1.7	50
51	Zircon geochemistry of two contrasting types of eclogite: Implications for the tectonic evolution of the North Qaidam UHPM belt, northern Tibet. Gondwana Research, 2016, 35, 27-39.	6.0	49
52	Lawsonite blueschist in Northern Qilian, NW China: Pâ€“T pseudosections and petrologic implications. Journal of Asian Earth Sciences, 2009, 35, 354-366.	2.3	47
53	Two types of peridotite in North Qaidam UHPM belt and their tectonic implications for oceanic and continental subduction: A review. Journal of Asian Earth Sciences, 2009, 35, 285-297.	2.3	46
54	Developing the plate tectonics from oceanic subduction to continental collision. Science Bulletin, 2009, 54, 2549-2555.	9.0	43

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55	Experimental determination of siderite stability at high pressure. American Mineralogist, 2013, 98, 1565-1572.	1.9	43
56	Trace element behavior and Pâ€“Tâ€“t evolution during partial melting of exhumed eclogite in the North Qaidam UHPM belt (NW China): Implications for adakite genesis. Lithos, 2015, 226, 65-80.	1.4	42
57	Lawsonite-bearing chloritoidâ€“glaucophane schist from SW Tianshan, China: Phase equilibria and Pâ€“T path. Journal of Asian Earth Sciences, 2011, 42, 684-693.	2.3	40
58	Metamorphic PT path and zircon Uâ€“Pb dating of Archean eclogite association in Gridino complex, Belomorian province, Russia. Precambrian Research, 2015, 268, 74-96.	2.7	40
59	Low temperature eclogite facies metamorphism in Western Tianshan, Xinjiang. Science in China Series D: Earth Sciences, 2001, 44, 85-96.	0.9	39
60	The geological characteristics of oceanic-type UHP metamorphic belts and their tectonic implications: Case studies from Southwest Tianshan and North Qaidam in NW China. Science Bulletin, 2008, 53, 3120-3130.	9.0	39
61	40Ar/39Ar isochron ages of lawsonite blueschists from Jiuquan in the northern Qilian Mountain, NW China, and their tectonic implications. Science Bulletin, 2010, 55, 2021-2027.	1.7	39
62	Petrology and zircon Uâ€“Pb dating of wellâ€preserved eclogites from the ThongmÃ¶n area in central Himalaya and their tectonic implications. Journal of Metamorphic Geology, 2019, 37, 203-226.	3.4	39
63	The40Ar/39Ar age record of formation and uplift of the blueschists and eclogites in the western Tianshan Mountains. Science Bulletin, 2000, 45, 1047-1052.	1.7	38
64	Zircon Uâ€“Pb ages and Hf isotopic analyses of migmatite from the â€˜paired metamorphic beltâ€™ in Chinese SW Tianshan: Constraints on partial melting associated with orogeny. Lithos, 2014, 192-195, 158-179.	1.4	38
65	The multi-stage tectonic evolution of the Xitieshan terrane, North Qaidam orogen, western China: From Grenville-age orogeny to early-Paleozoic ultrahigh-pressure metamorphism. Gondwana Research, 2017, 41, 290-300.	6.0	38
66	The40Ar /39 Ar metamorphic ages of Tangbale blueschists and their geological significance in West Junggar of Xinjiang. Science Bulletin, 1997, 42, 1902-1904.	1.7	36
67	The metamorphic evolution of Paleoproterozoic eclogites in Kuru-Vaara, northern Belomorian Province, Russia: Constraints from P-T pseudosections and zircon dating. Precambrian Research, 2017, 289, 31-47.	2.7	36
68	Zr-in-rutile thermometry in HP/UHP eclogites from Western China. Contributions To Mineralogy and Petrology, 2010, 160, 427-439.	3.1	35
69	Omphacite-bearing calcite marble and associated coesite-bearing pelitic schist from the meta-ophiolitic belt of Chinese western Tianshan. Journal of Asian Earth Sciences, 2013, 76, 37-47.	2.3	35
70	Differential exhumation and cooling history of North Qaidam UHP metamorphic rocks, NW China: Constraints from zircon and rutile thermometry and Uâ€“Pb geochronology. Lithos, 2014, 205, 15-27.	1.4	34
71	Geochemistry and trace element behaviors of eclogite during its exhumation in the Xitieshan terrane, North Qaidam UHP belt, NW China. Journal of Asian Earth Sciences, 2013, 63, 81-97.	2.3	33
72	A new P-T-t path of eclogites from Chinese southwestern Tianshan: constraints from P-T pseudosections and Sm-Nd isochron dating. Lithos, 2014, 200-201, 258-272.	1.4	33

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73	Northward subduction-related orogenesis of the southern Altaids: Constraints from structural and metamorphic analysis of the HP/UHP accretionary complex in Chinese southwestern Tianshan, NW China. Geoscience Frontiers, 2015, 6, 191-209.	8.4	33
74	Recovery of an oxidized majorite inclusion from Earthâ€™s deep asthenosphere. Science Advances, 2017, 3, e1601589.	10.3	33
75	The effect of Fe on the stability of dolomite at high pressure: Experimental study and petrological observation in eclogite from southwestern Tianshan, China. Geochimica Et Cosmochimica Acta, 2014, 143, 253-267.	3.9	32
76	Petrology and age of Precambrian Aksu blueschist, NW China. Precambrian Research, 2019, 326, 295-311.	2.7	31
77	Equation of state of carbonated hydroxylapatite at ambient temperature up to 10 GPa: Significance of carbonate. American Mineralogist, 2011, 96, 74-80.	1.9	28
78	Significant contrast in the Mg-C-O isotopes of carbonate between carbonated eclogite and marble from the S.W. Tianshan UHP subduction zone: Evidence for two sources of recycled carbon. Chemical Geology, 2018, 483, 65-77.	3.3	26
79	High-pressure granulite from Western Kunlun, northwestern China: Its metamorphic evolution, zircon SHRIMP U-Pb ages and tectonic implication. Science in China Series D: Earth Sciences, 2007, 50, 961-971.	0.9	25
80	FTIR spectroscopy of Ti-chondrodite, Ti-clinohumite, and olivine in deeply subducted serpentinites and implications for the deep water cycle. Contributions To Mineralogy and Petrology, 2014, 167, 1.	3.1	25
81	The Exhumation of Subducted Oceanicâ€Derived Eclogites: Insights From Phase Equilibrium and Thermomechanical Modeling. Tectonics, 2019, 38, 1764-1797.	2.8	24
82	Garnet Lu Hf geochronology and P-T path of the Gridino-type eclogite in the Belomorian Province, Russia. Lithos, 2019, 326-327, 313-326.	1.4	24
83	A hot spring in granite of the Western Tianshan, China. Applied Geochemistry, 2009, 24, 402-410.	3.0	23
84	Tracing subduction zone fluid-rock interactions using trace element and Mg-Sr-Nd isotopes. Lithos, 2017, 290-291, 94-103.	1.4	23
85	Ultrahigh pressure metamorphism and tectonic evolution of southwestern Tianshan orogenic belt, China: a comprehensive review. Geological Society Special Publication, 2019, 474, 133-152.	1.3	23
86	In-situ Uâ€“Pb dating and Nd isotopic analysis of perovskite from a rodingite blackwall associated with UHP serpentinite from southwestern Tianshan, China. Chemical Geology, 2016, 431, 67-82.	3.3	22
87	Neoarchean-Paleoproterozoic granulite-facies metamorphism in Uzkaya Salma eclogite-bearing mÃ©lange, Belomorian Province (Russia). Precambrian Research, 2017, 294, 257-283.	2.7	22
88	The early exhumation history of the Western Tianshan <scp>UHP</scp> metamorphic belt, China: New constraints from titanite Uâ€“Pb geochronology and thermobarometry. Journal of Metamorphic Geology, 2018, 36, 631-651.	3.4	22
89	Multistage CO2 sequestration in the subduction zone: Insights from exhumed carbonated serpentinites, SW Tianshan UHP belt, China. Geochimica Et Cosmochimica Acta, 2020, 270, 218-243.	3.9	22
90	Jadeite- and dolomite-bearing coesite eclogite from western Tianshan, NW China. European Journal of Mineralogy, 2014, 26, 245-256.	1.3	21

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91	Two epochs of eclogite metamorphism link â€˜coldâ€™ oceanic subduction and â€˜hotâ€™ continental subduction, the North Qaidam UHP belt, NW China. Geological Society Special Publication, 2019, 474, 275-289.	1.3	21
92	Geochronology and petrogenesis of granitoids and associated mafic enclaves from Xiate in Chinese Southwest Tianshan: Implications for early Paleozoic tectonic evolution. Journal of Asian Earth Sciences, 2016, 115, 40-61.	2.3	20
93	The metamorphic evolution of Salma-type eclogite in Russia: Constraints from zircon/titanite dating and phase equilibria modeling. Precambrian Research, 2019, 326, 363-384.	2.7	20
94	Determination and geological significance of the eclogites from the northern Dabie Mountains, central China. Science Bulletin, 1998, 43, 253-256.	1.7	18
95	Discovery of deerite from the Aksu Precambrian blueschist terrane and its geological significance. Science in China Series D: Earth Sciences, 1999, 42, 233-239.	0.9	18
96	Abiotic methane generation through reduction of serpentinite-hosted dolomite: Implications for carbon mobility in subduction zones. Geochimica Et Cosmochimica Acta, 2021, 311, 119-140.	3.9	18
97	Melting of subducted slab dictates trace element recycling in global arcs. Science Advances, 2022, 8, eabh2166.	10.3	18
98	A large volume cubic press with a pressure-generating capability up to about 10ÂGPa. High Pressure Research, 2012, , 1-16.	1.2	17
99	Nbâ€“Ta mobility and fractionation during exhumation of UHP eclogite from southwestern Tianshan, China. Journal of Asian Earth Sciences, 2016, 122, 136-157.	2.3	17
100	Experimental investigation of Fe3+-rich majoritic garnet and its effect on majorite geobarometer. Geochimica Et Cosmochimica Acta, 2018, 225, 1-16.	3.9	17
101	Elemental and isotopic (C, O, Sr, Nd) compositions of Late Paleozoic carbonated eclogite and marble from the SW Tianshan UHP belt, NW China: Implications for deep carbon cycle. Journal of Asian Earth Sciences, 2018, 153, 307-324.	2.3	17
102	Redox evolution of western Tianshan subduction zone and its effect on deep carbon cycle. Geoscience Frontiers, 2020, 11, 915-924.	8.4	17
103	Metamorphic P-T path and zircon U-Pb dating of HP mafic granulites in the Yushugou granulite-peridotite complex, Chinese South Tianshan, NW China. Journal of Asian Earth Sciences, 2018, 153, 346-364.	2.3	16
104	Geochemistry and geochronology of S-type granites and their coeval MP/HT meta-sedimentary rocks in Chinese Southwest Tianshan and their tectonic implications. Journal of Asian Earth Sciences, 2015, 107, 151-171.	2.3	15
105	Ultrahighâ€pressure and highâ€P lawsonite eclogites in Muzhaerte, Chinese western Tianshan. Journal of Metamorphic Geology, 2019, 37, 717-743.	3.4	15
106	Precipitation of rutile needles in garnet from sillimanite-bearing pelitic granulite from the Khondalite Belt, North China Craton. Science Bulletin, 2014, 59, 4359-4366.	1.7	13
107	The formation of graphite-rich eclogite vein in S.W. Tianshan (China) and its implication for deep carbon cycling in subduction zone. Chemical Geology, 2020, 533, 119430.	3.3	13
108	Zr-in-rutile thermometry in eclogite and vein from southwestern Tianshan, China. Journal of Asian Earth Sciences, 2013, 63, 70-80.	2.3	12

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109	Late Palaeozoic⁴⁰Ar/³⁹Ar ages of the HP-LT metamorphic rocks from the Kekesu Valley, Chinese southwestern Tianshan: new constraints on exhumation tectonics. International Geology Review, 2016, 58, 389-404.	2.1	12
110	1.9 Ga eclogite from the Archean-Paleoproterozoic Belomorian Province, Russia. Science Bulletin, 2017, 62, 239-241.	9.0	12
111	Changes in the cell parameters of antigorite close to its dehydration reaction at subduction zone conditions. American Mineralogist, 2020, 105, 569-582.	1.9	12
112	Mesozoic high-K granitic rocks from the eastern Dabie Mountains, Central China and their geological implications. Science in China Series D: Earth Sciences, 2001, 44, 525-534.	0.9	11
113	The exhumation of high- and ultrahigh-pressure metamorphic terranes in subduction zone: Questions and discussions. Science China Earth Sciences, 2020, 63, 1884-1903.	5.2	11
114	Boron isotopes of tourmalines from the central Himalaya: Implications for fluid activity and anatexis in the Himalayan orogen. Chemical Geology, 2022, 596, 120800.	3.3	11
115	Ultra-deep subduction of Yematan eclogite in the North Qaidam UHP belt, NW China: Evidence from phengite exsolution in omphacite. American Mineralogist, 2015, 100, 1848-1855.	1.9	10
116	Zircon Uâ€“Pb dating and phase equilibria modelling of gneisses from Dinggye area, Ama Drime Massif, central Himalaya. Geological Journal, 2017, 52, 476-494.	1.3	10
117	High-pressure experimental verification of rutile-ilmenite oxybarometer: Implications for the redox state of the subduction zone. Science China Earth Sciences, 2017, 60, 1817-1825.	5.2	10
118	The protoliths of central Himalayan eclogites. Bulletin of the Geological Society of America, 2022, 134, 1949-1966.	3.3	10
119	Thermal elastic behavior of CaSiO3-walstromite: A powder X-ray diffraction study up to 900 ÂC. American Mineralogist, 2012, 97, 262-267.	1.9	9
120	Petrology and phase equilibrium of newly found eclogites from Kekesu Valley in eastern part of southwest Tianshan HP-UHP metamorphic belt, China, and its tectonic significance. Science China Earth Sciences, 2014, 57, 117-131.	5.2	9
121	Metamorphic evolution of ultrahigh-pressure rocks from Chinese southwestern Tianshan and a possible indicator of UHP metamorphism using garnet composition in low-T eclogites. Journal of Asian Earth Sciences, 2014, 91, 69-88.	2.3	9
122	Petrogenesis and tectonic implications of Permian post-collisional granitoids in the Chinese southwestern Tianshan, NW China. Journal of Asian Earth Sciences, 2016, 130, 60-74.	2.3	9
123	Phase equilibria modelling using major and trace element compositions of zoned garnet and clinopyroxene from southwestern Tianshan eclogites, China. Journal of Asian Earth Sciences, 2017, 145, 408-423.	2.3	9
124	HPâ€“UHP metamorphism and tectonic evolution of orogenic belts: introduction. Geological Society Special Publication, 2019, 474, 1-4.	1.3	9
125	Is the Songshugou Complex, Qinling Belt, China, an Eclogite Facies Neoproterozoic Ophiolite?. Journal of Earth Science (Wuhan, China), 2019, 30, 460-475.	3.2	9
126	Metamorphism and Zircon Geochronological Studies of Metagabbro Vein in the Yushugou Granulite-Peridotite Complex from South Tianshan, China. Journal of Earth Science (Wuhan, China), 2019, 30, 1215-1229.	3.2	8

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127	High sulfur solubility in subducted sediment melt under both reduced and oxidized conditions: With implications for S recycling in subduction zone settings. Geochimica Et Cosmochimica Acta, 2021, 304, 305-326.	3.9	8
128	Tectonothermal transition from continental collision to postâ€collision: Insights from eclogites overprinted in the ultrahighâ€temperature granulite facies (Yadong region, central Himalaya). Journal of Metamorphic Geology, 2022, 40, 955-981.	3.4	8
129	Pâ€“T evolution and tectonic significance of lawsoniteâ€bearing schists from the eastern segment of the southwestern Tianshan, China. Journal of Metamorphic Geology, 2020, 38, 935-962.	3.4	7
130	Tracing serpentinite dehydration in a subduction channel: Chromium element and isotope evidence from subducted oceanic crust. Geochimica Et Cosmochimica Acta, 2021, 313, 1-20.	3.9	7
131	Diverse Anatexis in the Main Central Thrust Zone, Eastern Nepal: Implications for Melt Evolution and Exhumation Process of the Himalaya. Journal of Petrology, 2022, 63, .	2.8	7
132	Application of microprobe-based flank method analysis of Fe 3+ in garnet of North Qilian eclogite and its geological implication. Science Bulletin, 2018, 63, 300-305.	9.0	6
133	Highâ€P granulites of the Songshugou area (Qinling Orogen, eastâ€central China): Petrography, phase relations, and U/Pb zircon geochronology. Journal of Metamorphic Geology, 2020, 38, 421-450.	3.4	6
134	Discovery and geological implication of rodingites derived from eclogites of ophiolites at Changawuzi, western Tianshan, China*. Progress in Natural Science: Materials International, 2003, 13, 901-907.	4.4	5
135	The effect of water activity on calculated phase equilibria and garnet isopleth thermobarometry of granulites, with particular reference to Tongbai (east-central China). European Journal of Mineralogy, 2014, 26, 5-23.	1.3	5
136	Phase relations and formation of K-bearing Al-10 Ã... phase in the MORB+H₂O system: Implications for H₂O- and K-cycles in subduction zones. American Mineralogist, 2017, 102, 1922-1933.	1.9	5
137	A thermodynamic model for sulfur content at sulfide saturation (SCSS) in hydrous silicate melts: With implications for arc magma genesis and sulfur recycling. Geochimica Et Cosmochimica Acta, 2022, 325, 187-204.	3.9	5
138	Melting of carbonated pelite at 5.5â€“15.5 GPa: implications for the origin of alkali-rich carbonatites and the deep water and carbon cycles. Contributions To Mineralogy and Petrology, 2022, 177, 1.	3.1	5
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