Yi Chen

List of Publications by Year in descending order

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Version: 2024-02-01

304743 276875 1,745 51 22 41 citations h-index g-index papers 52 52 52 1295 citing authors all docs docs citations times ranked

#	Article	IF	CITATIONS
1	Petrology and geochemistry of ultramafic rocks in the Mogok belt, Myanmar: Cumulates from highâ€pressure crystallization of hydrous arc melts. Geological Journal, 2022, 57, 886-905.	1.3	3
2	Boron release and transfer induced by phengite breakdown in subducted impure metacarbonates. Lithos, 2022, 408-409, 106548.	1.4	2
3	Two Contrasting Exhumation Scenarios of Deeply Subducted Continental Crust in North Pakistan. Geochemistry, Geophysics, Geosystems, 2022, 23, .	2.5	3
4	Titanium in olivine reveals low-Ti origin of the Chang'E-5 lunar basalts. Lithos, 2022, 414-415, 106639.	1.4	12
5	Magmatic chlorine isotope fractionation recorded in apatite from Chang'e-5 basalts. Earth and Planetary Science Letters, 2022, 591, 117636.	4.4	14
6	Earth's oneâ€ofâ€aâ€kind fault: The Tanlu fault. Terra Nova, 2022, 34, 381-394.	2.1	15
7	Lithospheric mantle, asthenosphere, slab and crustal contribution to petrogenesis of Eocene to Miocene volcanic rocks from the west Alborz Magmatic Assemblage, SE Ahar, Iran. Geological Magazine, 2021, 158, 375-406.	1.5	7
8	Carboniferous eclogite and garnet–omphacite granulite from northeastern Hainan Island, South China: Implications for the evolution of the eastern Palaeoâ€√ethys. Journal of Metamorphic Geology, 2021, 39, 101-132.	3.4	8
9	Multiple Episodes of Fluid Infiltration Along a Single Metasomatic Channel in Metacarbonates (Mogok) Tj $ETQq1\ 1$ of Geophysical Research: Solid Earth, 2021, 126, .	l 0.784314 3.4	4 rgBT /Over 13
10	~25 Ma Ruby Mineralization in the Mogok Stone Tract, Myanmar: New Evidence from SIMS U–Pb Dating of Coexisting Titanite. Minerals (Basel, Switzerland), 2021, 11, 536.	2.0	5
11	Evolution of fluids and melts in deeply subducted continental crust: Insights from an UHP eclogite–vein system in the Dabie terrane, China. Lithos, 2021, 398-399, 106325.	1.4	1
12	Cenozoic ultrahigh-temperature metamorphism in pelitic granulites from the Mogok metamorphic belt, Myanmar. Science China Earth Sciences, 2021, 64, 1873-1892.	5.2	9
13	Non-KREEP origin for Chang'e-5 basalts in the Procellarum KREEP Terrane. Nature, 2021, 600, 59-63.	27.8	124
14	MK-1 Orthopyroxene—A New Potential Reference Material for In-Situ Microanalysis. Minerals (Basel,) Tj ETQq0 0	OrgBT /O	vgrlock 10 T
15	Sodium in olivine as a potential pressure indicator for orogenic dunite. Science Bulletin, 2020, 65, 94-96.	9.0	1
16	Silicon isotope composition of subduction zone fluids as recorded by jadeitites from Myanmar. Contributions To Mineralogy and Petrology, 2020, 175, 1.	3.1	4
17	Garnetite and Pyroxenite in the Mantle Wedge Formed by Slabâ€Mantle Interactions at Different Melt/Rock Ratios. Journal of Geophysical Research: Solid Earth, 2019, 124, 6504-6522.	3.4	11
18	Minor elements in olivine inspect the petrogenesis of orogenic peridotites. Lithos, 2019, 344-345, 207-216.	1.4	23

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19	Metasomatic flow of metacarbonate-derived fluids carrying isotopically heavy boron in continental subduction zones: Insights from tourmaline-bearing ultra-high pressure eclogites and veins (Dabie) Tj ETQq $1\ 1$	0.784914	rgB T ∮Overlo <mark>c</mark>
20	Magnesium Isotope Composition of Subduction Zone Fluids as Constrained by Jadeitites From Myanmar. Journal of Geophysical Research: Solid Earth, 2018, 123, 7566-7585.	3.4	19
21	Making Cratonic Lithospheric Mantle. Journal of Geophysical Research: Solid Earth, 2018, 123, 7688-7706.	3.4	7
22	Petrogenesis and tectonic implications of gabbro and plagiogranite intrusions in mantle peridotites of the Myitkyina ophiolite, Myanmar. Lithos, 2017, 284-285, 180-193.	1.4	24
23	Improving geochronological framework of the Pan-African orogeny in Cameroon: New SIMS zircon and monazite U-Pb age constraints. Precambrian Research, 2017, 294, 307-321.	2.7	51
24	Modification of an ancient subcontinental lithospheric mantle by continental subduction: Insight from the Maowu garnet peridotites in the Dabie UHP belt, eastern China. Lithos, 2017, 278-281, 54-71.	1.4	20
25	Dolomite dissociation indicates ultra-deep (>150 km) subduction of a garnet-bearing dunite block (the Sulu UHP terrane). American Mineralogist, 2017, 102, 2295-2306.	1.9	6
26	Unusual replacement of Fe-Ti oxides by rutile during retrogression in amphibolite-hosted veins (Dabie) Tj ETQq American Mineralogist, 2017, 102, 2268-2283.	0 0 0 rgBT / 1.9	Overlock 10 1 29
27	Petrology and geochemistry of mantle peridotites from the Kalaymyo and Myitkyina ophiolites (Myanmar): Implications for tectonic settings. Lithos, 2016, 264, 495-508.	1.4	56
28	Carbonatitic metasomatism in orogenic dunites from Lijiatun in the Sulu UHP terrane, eastern China. Lithos, 2016, 262, 266-284.	1.4	21
29	Grain-scale Sr isotope heterogeneity in amphibolite (retrograded UHP eclogite, Dabie terrane): Implications for the origin and flow behavior of retrograde fluids during slab exhumation. Lithos, 2016, 266-267, 383-405.	1.4	13
30	Scheelite and coexisting F-rich zoned garnet, vesuvianite, fluorite, and apatite in calc-silicate rocks from the Mogok metamorphic belt, Myanmar: Implications for metasomatism in marble and the role of halogens in W mobilization and mineralization. Journal of Asian Earth Sciences, 2016, 117, 82-106.	2.3	46
31	New isotopic constraints on age and origin of Mesoarchean charnockite, trondhjemite and amphibolite in the Ntem Complex of NW Congo Craton, southern Cameroon. Precambrian Research, 2016, 276, 14-23.	2.7	43
32	Tethyan suturing in Southeast Asia: Zircon U-Pb and Hf-O isotopic constraints from Myanmar ophiolites. Geology, 2016, 44, 311-314.	4.4	171
33	Origins of orogenic dunites: Petrology, geochemistry, and implications. Gondwana Research, 2016, 29, 41-59.	6.0	30
34	The Dabie-Sulu orogenic peridotites: Progress and key issues. Science China Earth Sciences, 2015, 58, 1679-1699.	5.2	36
35	Copper isotopic composition of the silicate Earth. Earth and Planetary Science Letters, 2015, 427, 95-103.	4.4	127
36	Metamorphic P-T trajectory and multi-stage fluid events of vein-bearing UHP eclogites from the Dabie terrane: insights from compositional zonations of key minerals. International Geology Review, 2015, 57, 1077-1102.	2.1	9

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37	Formation of multiple high-pressure veins in ultrahigh-pressure eclogite (Hualiangting, Dabie terrane,) Tj ETQq1 2015, 417, 238-260.	1 0.784314 3.3	rgBT /Over
38	UHP impure marbles from the Dabie Mountains: Metamorphic evolution and carbon cycling in continental subduction zones. Lithos, 2015, 212-215, 280-297.	1.4	23
39	In situ Sr isotopic analyses of epidote: tracing the sources of multi-stage fluids in ultrahigh-pressure eclogite (Ganghe, Dabie terrane). Contributions To Mineralogy and Petrology, 2014, 167, 1.	3.1	24
40	Metamorphic P–T–t paths of the Zanhuang metamorphic complex: Implications for the Paleoproterozoic evolution of the Trans-North China Orogen. Precambrian Research, 2014, 255, 216-235.	2.7	60
41	Hydration and dehydration in the lower margin of a cold mantle wedge: implications for crust–mantle interactions and petrogeneses of arc magmas. International Geology Review, 2013, 55, 1506-1522.	2.1	22
42	Prograde metamorphism, decompressional partial melting and subsequent melt fractional crystallization in the Weihai migmatitic gneisses, Sulu UHP terrane, eastern China. Chemical Geology, 2013, 341, 16-37.	3.3	73
43	Exhumation of oceanic eclogites: thermodynamic constraints on pressure, temperature, bulk composition and density. Journal of Metamorphic Geology, 2013, 31, 549-570.	3.4	56
44	Multistage metamorphism of garnet orthopyroxenites from the Maowu mafic–ultramafic complex, Dabieshan UHP terrane, eastern China. International Geology Review, 2013, 55, 1239-1260.	2.1	22
45	A potential method to confirm the previous existence of lawsonite in eclogite: the mass imbalance of Sr and <scp>LREE</scp> s in multistage epidote (<scp>G</scp> anghe, <scp>D</scp> abie <scp>UHP</scp>) Tj E	ТQ q.4 1 0.7	8 49 14 rgBT
46	å§å^«-è‹é²é€å±±å,¦æ©"榄岩的å•̃è~å'Œäº\$»£è¿‡ç~. Chinese Science Bulletin, 2013, 58, 2294-2299.	0.7	2
47	UHT sapphirine granulite metamorphism at 1.93–1.92Ga caused by gabbronorite intrusions: Implications for tectonic evolution of the northern margin of the North China Craton. Precambrian Research, 2012, 222-223, 124-142.	2.7	259
48	Fluid–rock interaction and element mobilization in UHP metabasalt: Constraints from an omphacite–epidote vein and host eclogites in the Dabie orogen. Lithos, 2012, 136-139, 145-167.	1.4	68
49	A NORMALIZATION SOLUTION TO MASS TRANSFER ILLUSTRATION OF MULTIPLE PROGRESSIVELY ALTERED SAMPLES USING THE ISOCON DIAGRAM. Economic Geology, 2009, 104, 881-886.	3.8	40
50	Multistage metamorphism of orogenic garnet–lherzolite from Zhimafang, Sulu UHP terrane, E. China: Implications for mantle wedge convection during progressive oceanic and continental subduction. Lithos, 2009, 109, 155-175.	1.4	49
51	Thermodynamic constraints on the composition of orogenically thickened lower crust. Journal of Metamorphic Geology, 0, , .	3.4	0