

Yi Chen

List of Publications by Year in descending order

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51
papers

1,745
citations

304743

22
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276875

41
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52
all docs

52
docs citations

52
times ranked

1295
citing authors

#	ARTICLE	IF	CITATIONS
1	Petrology and geochemistry of ultramafic rocks in the Mogok belt, Myanmar: Cumulates from high-pressure crystallization of hydrous arc melts. <i>Geological Journal</i> , 2022, 57, 886-905.	1.3	3
2	Boron release and transfer induced by phengite breakdown in subducted impure metacarbonates. <i>Lithos</i> , 2022, 408-409, 106548.	1.4	2
3	Two Contrasting Exhumation Scenarios of Deeply Subducted Continental Crust in North Pakistan. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	2.5	3
4	Titanium in olivine reveals low-Ti origin of the Chang'E-5 lunar basalts. <i>Lithos</i> , 2022, 414-415, 106639.	1.4	12
5	Magmatic chlorine isotope fractionation recorded in apatite from Chang'e-5 basalts. <i>Earth and Planetary Science Letters</i> , 2022, 591, 117636.	4.4	14
6	Earth's one-of-a-kind fault: The Tanlu fault. <i>Terra Nova</i> , 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. <i>Geological Magazine</i> , 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 Palaeo-Tethys. <i>Journal of Metamorphic Geology</i> , 2021, 39, 101-132.	3.4	8
9	Multiple Episodes of Fluid Infiltration Along a Single Metasomatic Channel in Metacarbonates (Mogok) of Geophysical Research: <i>Solid Earth</i> , 2021, 126, .	3.4	13
10	~25 Ma Ruby Mineralization in the Mogok Stone Tract, Myanmar: New Evidence from SIMS U-Pb Dating of Coexisting Titanite. <i>Minerals (Basel, Switzerland)</i> , 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. <i>Lithos</i> , 2021, 398-399, 106325.	1.4	1
12	Cenozoic ultrahigh-temperature metamorphism in pelitic granulites from the Mogok metamorphic belt, Myanmar. <i>Science China Earth Sciences</i> , 2021, 64, 1873-1892.	5.2	9
13	Non-KREEP origin for Chang'e-5 basalts in the Procellarum KREEP Terrane. <i>Nature</i> , 2021, 600, 59-63.	27.8	124
14	MK-1 Orthopyroxene: A New Potential Reference Material for In-Situ Microanalysis. <i>Minerals (Basel)</i> , 2021, 11, 1000.	2.0	3
15	Sodium in olivine as a potential pressure indicator for orogenic dunite. <i>Science Bulletin</i> , 2020, 65, 94-96.	9.0	1
16	Silicon isotope composition of subduction zone fluids as recorded by jadeitites from Myanmar. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	4
17	Garnetite and Pyroxenite in the Mantle Wedge Formed by Slab-Mantle Interactions at Different Melt/Rock Ratios. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 6504-6522.	3.4	11
18	Minor elements in olivine inspect the petrogenesis of orogenic peridotites. <i>Lithos</i> , 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 ETQq1 1 0.784914 rgBT /Overlock	3.4	19
20	Magnesium Isotope Composition of Subduction Zone Fluids as Constrained by Jadeitites From Myanmar. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 7566-7585.	3.4	7
21	Making Cratonic Lithospheric Mantle. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 7688-7706.	1.4	24
22	Petrogenesis and tectonic implications of gabbro and plagiogranite intrusions in mantle peridotites of the Myitkyina ophiolite, Myanmar. <i>Lithos</i> , 2017, 284-285, 180-193.	2.7	51
23	Improving geochronological framework of the Pan-African orogeny in Cameroon: New SIMS zircon and monazite U-Pb age constraints. <i>Precambrian Research</i> , 2017, 294, 307-321.	1.4	20
24	Modification of an ancient subcontinental lithospheric mantle by continental subduction: Insight from the Maowu garnet peridotites in the Dabie UHP belt, eastern China. <i>Lithos</i> , 2017, 278-281, 54-71.	1.9	6
25	Dolomite dissociation indicates ultra-deep (>150 km) subduction of a garnet-bearing dunite block (the Sulu UHP terrane). <i>American Mineralogist</i> , 2017, 102, 2295-2306.	1.9	29
26	Unusual replacement of Fe-Ti oxides by rutile during retrogression in amphibolite-hosted veins (Dabie Tj ETQq0 0 0 rgBT /Overlock 10 TF <i>American Mineralogist</i> , 2017, 102, 2268-2283.	1.4	56
27	Petrology and geochemistry of mantle peridotites from the Kalaymyo and Myitkyina ophiolites (Myanmar): Implications for tectonic settings. <i>Lithos</i> , 2016, 264, 495-508.	1.4	21
28	Carbonatitic metasomatism in orogenic dunites from Lijiatun in the Sulu UHP terrane, eastern China. <i>Lithos</i> , 2016, 262, 266-284.	1.4	13
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. <i>Lithos</i> , 2016, 266-267, 383-405.	2.3	46
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. <i>Journal of Asian Earth Sciences</i> , 2016, 117, 82-106.	2.7	43
31	New isotopic constraints on age and origin of Mesoarchean charnockite, trondhjemite and amphibolite in the Ntem Complex of NW Congo Craton, southern Cameroon. <i>Precambrian Research</i> , 2016, 276, 14-23.	4.4	171
32	Tethyan suturing in Southeast Asia: Zircon U-Pb and Hf-O isotopic constraints from Myanmar ophiolites. <i>Geology</i> , 2016, 44, 311-314.	6.0	30
33	Origins of orogenic dunites: Petrology, geochemistry, and implications. <i>Gondwana Research</i> , 2016, 29, 41-59.	5.2	36
34	The Dabie-Sulu orogenic peridotites: Progress and key issues. <i>Science China Earth Sciences</i> , 2015, 58, 1679-1699.	4.4	127
35	Copper isotopic composition of the silicate Earth. <i>Earth and Planetary Science Letters</i> , 2015, 427, 95-103.	2.1	9
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. <i>International Geology Review</i> , 2015, 57, 1077-1102.		

