Shun Guo

List of Publications by Year
in descending order

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32 papers	1,035 citations	430874 18 h-index	434195 31 g-index
32 all docs	32 docs citations	32 times ranked	849 citing authors

#	Article	IF	Citations
1	Tethyan suturing in Southeast Asia: Zircon U-Pb and Hf-O isotopic constraints from Myanmar ophiolites. Geology, 2016, 44, 311-314.	4.4	171
2	Two-billion-year-old volcanism on the Moon from Changâ€™e-5 basalts. Nature, 2021, 600, 54-58.	27.8	170
3	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
4	Fluidâ€“rock interaction and element mobilization in UHP metabasalt: Constraints from an omphaciteâ€“epidote vein and host eclogites in the Dabie orogen. Lithos, 2012, 136-139, 145-167.	1.4	68
5	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
6	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
7	Iron and magnesium isotopic compositions of subduction-zone fluids and implications for arc volcanism. Geochimica Et Cosmochimica Acta, 2020, 278, 376-391.	3.9	46
8	The Dabie-Sulu orogenic peridotites: Progress and key issues. Science China Earth Sciences, 2015, 58, 1679-1699.	5.2	36
9	Formation of multiple high-pressure veins in ultrahigh-pressure eclogite (Hualiangting, Dabie terrane,) Tj ETQq1 1 0.784314 rgBT /Ove 2015, 417, 238-260.	3.3	33
10	Origins of orogenic dunites: Petrology, geochemistry, and implications. Gondwana Research, 2016, 29, 41-59.	6.0	30
11	Unusual replacement of Fe-Ti oxides by rutile during retrogression in amphibolite-hosted veins (Dabie) Tj ETQq1 1 0.784314 rgBT /Ove American Mineralogist, 2017, 102, 2268-2283.	1.9	29
12	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
13	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
14	Minor elements in olivine inspect the petrogenesis of orogenic peridotites. Lithos, 2019, 344-345, 207-216.	1.4	23
15	Hydration and dehydration in the lower margin of a cold mantle wedge: implications for crustâ€“mantle interactions and petrogeneses of arc magmas. International Geology Review, 2013, 55, 1506-1522.	2.1	22
16	Multistage metamorphism of garnet orthopyroxenites from the Maowu maficâ€“ultramafic complex, Dabieshan UHP terrane, eastern China. International Geology Review, 2013, 55, 1239-1260.	2.1	22
17	Carbonatitic metasomatism in orogenic dunites from Lijiatun in the Sulu UHP terrane, eastern China. Lithos, 2016, 262, 266-284.	1.4	21
18	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

#	Article	IF	Citations
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 0.784314 rgBT /Overlo	3.9	19
20	Rapid screening of Zr-containing particles from Changâ€™e-5 lunar soil samples for isotope geochronology: Technical roadmap for future study. Geoscience Frontiers, 2022, 13, 101367.	8.4	17
21	Behavior of barium isotopes during high-pressure metamorphism and fluid evolution. Earth and Planetary Science Letters, 2021, 575, 117176.	4.4	14
22	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
23	Multiple Episodes of Fluid Infiltration Along a Single Metasomatic Channel in Metacarbonates (Mogok) Tj ETQq1 1 0.784314 rgBT /Over of Geophysical Research: Solid Earth, 2021, 126, .	3.4	13
24	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
25	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
26	Silicon isotopic fractionation during metamorphic fluid activities: constraints from eclogites and ultrahigh-pressure veins in the Dabie orogen, China. Chemical Geology, 2020, 540, 119550.	3.3	8
27	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
28	~25 Ma Ruby Mineralization in the Mogok Stone Tract, Myanmar: New Evidence from SIMS Uâ€“Pb Dating of Coexisting Titanite. Minerals (Basel, Switzerland), 2021, 11, 536.	2.0	5
29	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
30	Boron release and transfer induced by phengite breakdown in subducted impure metacarbonates. Lithos, 2022, 408-409, 106548.	1.4	2
31	Thallium isotope compositions of subduction-zone fluids: Insights from ultra-high pressure eclogites and veins in the Dabie terrane, eastern China. Chemical Geology, 2022, 599, 120843.	3.3	2
32	An Acid-Based Method for Highly Effective Baddeleyite Separation from Gram-Sized Mafic Rocks. ACS Omega, 2022, 7, 3634-3638.	3.5	0