

# Shun Guo

## List of Publications by Year in descending order

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32  
papers

1,035  
citations

430874

18  
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434195

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all docs

32  
docs citations

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times ranked

849  
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	An Acid-Based Method for Highly Effective Baddeleyite Separation from Gram-Sized Mafic Rocks. <i>ACS Omega</i> , 2022, 7, 3634-3638.	3.5	0
4	Rapid screening of Zr-containing particles from Chang'e-5 lunar soil samples for isotope geochronology: Technical roadmap for future study. <i>Geoscience Frontiers</i> , 2022, 13, 101367.	8.4	17
5	Thallium isotope compositions of subduction-zone fluids: Insights from ultra-high pressure eclogites and veins in the Dabie terrane, eastern China. <i>Chemical Geology</i> , 2022, 599, 120843.	3.3	2
6	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
7	~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
8	Behavior of barium isotopes during high-pressure metamorphism and fluid evolution. <i>Earth and Planetary Science Letters</i> , 2021, 575, 117176.	4.4	14
9	Two-billion-year-old volcanism on the Moon from Chang'e-5 basalts. <i>Nature</i> , 2021, 600, 54-58.	27.8	170
10	Iron and magnesium isotopic compositions of subduction-zone fluids and implications for arc volcanism. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 376-391.	3.9	46
11	Silicon isotopic fractionation during metamorphic fluid activities: constraints from eclogites and ultrahigh-pressure veins in the Dabie orogen, China. <i>Chemical Geology</i> , 2020, 540, 119550.	3.3	8
12	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
13	Minor elements in olivine inspect the petrogenesis of orogenic peridotites. <i>Lithos</i> , 2019, 344-345, 207-216.	1.4	23
14	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)	3.4	11
15	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	19
16	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.	1.4	24
17	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	6
18	Unusual replacement of Fe-Ti oxides by rutile during retrogression in amphibolite-hosted veins (Dabie)	1.9	29

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19	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	56
20	Carbonatitic metasomatism in orogenic dunites from Lijiatun in the Sulu UHP terrane, eastern China. <i>Lithos</i> , 2016, 262, 266-284.	1.4	21
21	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.	1.4	13
22	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.	2.3	46
23	Tethyan suturing in Southeast Asia: Zircon U-Pb and Hf-O isotopic constraints from Myanmar ophiolites. <i>Geology</i> , 2016, 44, 311-314.	4.4	171
24	Origins of orogenic dunites: Petrology, geochemistry, and implications. <i>Gondwana Research</i> , 2016, 29, 41-59.	6.0	30
25	The Dabie-Sulu orogenic peridotites: Progress and key issues. <i>Science China Earth Sciences</i> , 2015, 58, 1679-1699.	5.2	36
26	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.	2.1	9
27	Formation of multiple high-pressure veins in ultrahigh-pressure eclogite (Hualiangting, Dabie terrane, China). <i>Journal of Metamorphic Geology</i> , 2015, 417, 238-260.	3.3	33
28	In situ Sr isotopic analyses of epidote: tracing the sources of multi-stage fluids in ultrahigh-pressure eclogite (Ganghe, Dabie terrane). <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	24
29	Hydration and dehydration in the lower margin of a cold mantle wedge: implications for crust-mantle interactions and petrogeneses of arc magmas. <i>International Geology Review</i> , 2013, 55, 1506-1522.	2.1	22
30	Prograde metamorphism, decompressional partial melting and subsequent melt fractional crystallization in the Weihai migmatitic gneisses, Sulu UHP terrane, eastern China. <i>Chemical Geology</i> , 2013, 341, 16-37.	3.3	73
31	Multistage metamorphism of garnet orthopyroxenites from the Maowu mafic-ultramafic complex, Dabieshan UHP terrane, eastern China. <i>International Geology Review</i> , 2013, 55, 1239-1260.	2.1	22
32	Fluid-rock interaction and element mobilization in UHP metabasalt: Constraints from an omphacite-epidote vein and host eclogites in the Dabie orogen. <i>Lithos</i> , 2012, 136-139, 145-167.	1.4	68