

Xiao-Ying Gao

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,058
citations

567281

15
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

618
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial melting, fluid supercriticality and element mobility in ultrahigh-pressure metamorphic rocks during continental collision. <i>Earth-Science Reviews</i> , 2011, 107, 342-374.	9.1	315
2	Geochemical and U–Pb age constraints on the occurrence of polygenetic titanites in UHP metagranite in the Dabie orogen. <i>Lithos</i> , 2012, 136-139, 93-108.	1.4	116
3	Dehydration melting of ultrahigh-pressure eclogite in the Dabie orogen: evidence from multiphase solid inclusions in garnet. <i>Journal of Metamorphic Geology</i> , 2012, 30, 193-212.	3.4	104
4	U-Pb ages and trace elements in metamorphic zircon and titanite from UHP eclogite in the Dabie orogen: constraints on P-T-t path. <i>Journal of Metamorphic Geology</i> , 2011, 29, 721-740.	3.4	92
5	Zr-in-rutile thermometry of eclogite in the Dabie orogen: Constraints on rutile growth during continental subduction-zone metamorphism. <i>Journal of Asian Earth Sciences</i> , 2011, 40, 427-451.	2.3	77
6	Trace element composition of continentally subducted slab-derived melt: insight from multiphase solid inclusions in ultrahigh-pressure eclogite in the Dabie orogen. <i>Journal of Metamorphic Geology</i> , 2013, 31, 453-468.	3.4	52
7	Multiphase solid inclusions in zoisite-bearing eclogite: evidence for partial melting of ultrahigh-pressure metamorphic rocks during continental collision. <i>Lithos</i> , 2014, 200-201, 1-21.	1.4	41
8	Partial melting of ultrahigh-pressure metamorphic rocks during continental collision: Evidence, time, mechanism, and effect. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 177-191.	2.3	38
9	U–Pb ages and trace elements of metamorphic rutile from ultrahigh-pressure quartzite in the Sulu orogen. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 143, 87-114.	3.9	34
10	Zircon geochemistry records the action of metamorphic fluid on the formation of ultrahigh-pressure jadeite quartzite in the Dabie orogen. <i>Chemical Geology</i> , 2015, 419, 158-175.	3.3	29
11	Growth of metamorphic and peritectic garnets in ultrahigh-pressure metagranite during continental subduction and exhumation in the Dabie orogen. <i>Lithos</i> , 2016, 266-267, 158-181.	1.4	28
12	Composite carbonate and silicate multiphase solid inclusions in metamorphic garnet from ultrahigh-pressure eclogite in the Dabie orogen. <i>Journal of Metamorphic Geology</i> , 2014, 32, 961-980.	3.4	25
13	Paleoproterozoic tectonic evolution of the northern Yangtze craton from oceanic subduction through continental collision to continental rifting: Geochronological and geochemical records of metabasites from the Tongbai orogen in central China. <i>Precambrian Research</i> , 2020, 350, 105920.	2.7	23
14	Multiphase solid inclusions in ultrahigh-pressure metamorphic rocks: A snapshot of anatectic melts during continental collision. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 192-204.	2.3	22
15	Petrological and zircon evidence for the Early Cretaceous granulite-facies metamorphism in the Dabie orogen, China. <i>Lithos</i> , 2017, 284-285, 11-29.	1.4	21
16	Granulites record the tectonic evolution from collisional thickening to extensional thinning of the Tongbai orogen in central China. <i>Journal of Metamorphic Geology</i> , 2020, 38, 265-295.	3.4	17
17	Geochemical evidence from coesite-bearing jadeite quartzites for large-scale flow of metamorphic fluids in a continental subduction channel. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 265, 354-370.	3.9	10
18	Construction of P–T–t paths for eclogite in the Tongbai orogen by combining phase equilibria modelling with zircon inclusion composition. <i>Journal of Metamorphic Geology</i> , 2021, 39, 947-976.	3.4	5

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19	Fluid-present and fluid-absent melting of muscovite in migmatites in the Himalayan orogen: Constraints from major and trace element zoning and phase equilibrium relationships. <i>Lithos</i> , 2021, 388-389, 106071.	1.4	5
20	Zircon and titanite behaviors during partial melting of metabasite in the post-collisional stage: Constraints from garnet pyroxenite in the Dabie orogen, China. <i>Journal of Asian Earth Sciences</i> , 2021, 205, 104615.	2.3	3
21	Response of trace elements to partial melting of felsic crust at high to ultrahigh temperatures: Implications for granite geochemistry. <i>Lithos</i> , 2022, 422-423, 106743.	1.4	1