

Yong-Fei Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7339842/publications.pdf>

Version: 2024-02-01

338
papers

28,994
citations

3325

91
h-index

6113

159
g-index

342
all docs

342
docs citations

342
times ranked

6276
citing authors

#	ARTICLE	IF	CITATIONS
1	Penglai Zircon Megacrysts: A Potential New Working Reference Material for Microbeam Determination of Hf ¹⁷⁷ O Isotopes and U ²³⁵ Pb Age. <i>Geostandards and Geoanalytical Research</i> , 2010, 34, 117-134.	1.7	777
2	Stable isotope geochemistry of ultrahigh pressure metamorphic rocks from the Dabie ¹⁷⁷ Sulu orogen in China: implications for geodynamics and fluid regime. <i>Earth-Science Reviews</i> , 2003, 62, 105-161.	4.0	771
3	Calculation of oxygen isotope fractionation in hydroxyl-bearing silicates. <i>Earth and Planetary Science Letters</i> , 1993, 120, 247-263.	1.8	644
4	Tectonic evolution of a composite collision orogen: An overview on the Qinling ¹⁷⁷ Tongbai ¹⁷⁷ Hong'an ¹⁷⁷ Dabie ¹⁷⁷ Sulu orogenic belt in central China. <i>Gondwana Research</i> , 2013, 23, 1402-1428.	3.0	619
5	Calculation of oxygen isotope fractionation in anhydrous silicate minerals. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 1079-1091.	1.6	588
6	Calculation of oxygen isotope fractionation in anhydrous silicate minerals. <i>Geochimica et Cosmochimica Acta</i> . <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 3199.	1.6	529
7	Contrasting zircon Hf and O isotopes in the two episodes of Neoproterozoic granitoids in South China: Implications for growth and reworking of continental crust. <i>Lithos</i> , 2007, 96, 127-150.	0.6	510
8	Rift melting of juvenile arc-derived crust: Geochemical evidence from Neoproterozoic volcanic and granitic rocks in the Jiangnan Orogen, South China. <i>Precambrian Research</i> , 2008, 163, 351-383.	1.2	501
9	Metamorphic chemical geodynamics in continental subduction zones. <i>Chemical Geology</i> , 2012, 328, 5-48.	1.4	488
10	Zircon U-Pb and oxygen isotope evidence for a large-scale 18O depletion event in igneous rocks during the Neoproterozoic. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 4145-4165.	1.6	480
11	Zircon U ²³⁵ Pb age, Hf and O isotope constraints on protolith origin of ultrahigh-pressure eclogite and gneiss in the Dabie orogen. <i>Chemical Geology</i> , 2006, 231, 135-158.	1.4	448
12	Distinct mantle sources of low-Ti and high-Ti basalts from the western Emeishan large igneous province, SW China: implications for plume ¹⁷⁷ lithosphere interaction. <i>Earth and Planetary Science Letters</i> , 2004, 228, 525-546.	1.8	439
13	Oxygen isotope fractionation in carbonate and sulfate minerals. <i>Geochemical Journal</i> , 1999, 33, 109-126.	0.5	370
14	Zircon U-Pb age and Hf-O isotope evidence for Paleoproterozoic metamorphic event in South China. <i>Precambrian Research</i> , 2006, 151, 265-288.	1.2	359
15	Reworking of juvenile crust: Element and isotope evidence from Neoproterozoic granodiorite in South China. <i>Precambrian Research</i> , 2006, 146, 179-212.	1.2	349
16	Zircon isotope evidence for ¹⁷⁷ 3.5Ga continental crust in the Yangtze craton of China. <i>Precambrian Research</i> , 2006, 146, 16-34.	1.2	348
17	Zircon U ²³⁵ Pb age and Hf isotope evidence for 3.8Ga crustal remnant and episodic reworking of Archean crust in South China. <i>Earth and Planetary Science Letters</i> , 2006, 252, 56-71.	1.8	345
18	Metamorphic effect on zircon Lu ¹⁷⁷ Hf and U ²³⁵ Pb isotope systems in ultrahigh-pressure eclogite-facies metagranite and metabasite. <i>Earth and Planetary Science Letters</i> , 2005, 240, 378-400.	1.8	333

#	ARTICLE	IF	CITATIONS
19	A perspective view on ultrahigh-pressure metamorphism and continental collision in the Dabie-Sulu orogenic belt. <i>Science Bulletin</i> , 2008, 53, 3081-3104.	4.3	332
20	Formation and evolution of Precambrian continental lithosphere in South China. <i>Gondwana Research</i> , 2013, 23, 1241-1260.	3.0	317
21	Partial melting, fluid supercriticality and element mobility in ultrahigh-pressure metamorphic rocks during continental collision. <i>Earth-Science Reviews</i> , 2011, 107, 342-374.	4.0	315
22	Chemical geodynamics of continental subduction-zone metamorphism: Insights from studies of the Chinese Continental Scientific Drilling (CCSD) core samples. <i>Tectonophysics</i> , 2009, 475, 327-358.	0.9	299
23	Low-Grade Metamorphic Rocks in the Dabie-Sulu Orogenic Belt: A Passive-Margin Accretionary Wedge Deformed during Continent Subduction. <i>International Geology Review</i> , 2005, 47, 851-871.	1.1	297
24	Subduction zone geochemistry. <i>Geoscience Frontiers</i> , 2019, 10, 1223-1254.	4.3	284
25	U ⁴⁰ Pb, Hf and O isotope evidence for two episodes of fluid-assisted zircon growth in marble-hosted eclogites from the Dabie orogen. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 3743-3761.	1.6	271
26	Geochronology and geochemistry of metamorphic rocks in the Jiaobei terrane: Constraints on its tectonic affinity in the Sulu orogen. <i>Precambrian Research</i> , 2007, 152, 48-82.	1.2	254
27	Oxygen and hydrogen isotope geochemistry of ultrahigh-pressure eclogites from the Dabie Mountains and the Sulu terrane. <i>Earth and Planetary Science Letters</i> , 1998, 155, 113-129.	1.8	248
28	Zircon U ⁴⁰ Pb age and geochemical constraints on the tectonic affinity of the Jiaodong terrane in the Sulu orogen, China. <i>Precambrian Research</i> , 2008, 161, 389-418.	1.2	246
29	Zircon U ⁴⁰ Pb age and trace element evidence for Paleoproterozoic granulite-facies metamorphism and Archean crustal rocks in the Dabie Orogen. <i>Lithos</i> , 2008, 101, 308-322.	0.6	240
30	Low-T eclogite in the Dabie terrane of China: petrological and isotopic constraints on fluid activity and radiometric dating. <i>Contributions To Mineralogy and Petrology</i> , 2004, 148, 443-470.	1.2	237
31	Metamorphic growth and recrystallization of zircon: Distinction by simultaneous in-situ analyses of trace elements, U ⁴⁰ Th ²³² Pb and Lu ¹⁷⁶ Hf isotopes in zircons from eclogite-facies rocks in the Sulu orogen. <i>Lithos</i> , 2010, 114, 132-154.	0.6	229
32	Calculation of oxygen isotope fractionation in magmatic rocks. <i>Chemical Geology</i> , 2003, 193, 59-80.	1.4	228
33	Geochemical evidence for interaction between oceanic crust and lithospheric mantle in the origin of Cenozoic continental basalts in east-central China. <i>Lithos</i> , 2009, 110, 305-326.	0.6	219
34	Formation and evolution of Precambrian continental crust in South China. <i>Science Bulletin</i> , 2007, 52, 1-12.	1.7	217
35	Fluid regime in continental subduction zones: petrological insights from ultrahigh-pressure metamorphic rocks. <i>Journal of the Geological Society</i> , 2009, 166, 763-782.	0.9	207
36	Postcollisional magmatism: Geochemical constraints on the petrogenesis of Mesozoic granitoids in the Sulu orogen, China. <i>Lithos</i> , 2010, 119, 512-536.	0.6	205

#	ARTICLE	IF	CITATIONS
37	Geochemistry of continental subduction-zone fluids. <i>Earth, Planets and Space</i> , 2014, 66, 93.	0.9	205
38	Developing plate tectonics theory from oceanic subduction zones to collisional orogens. <i>Science China Earth Sciences</i> , 2015, 58, 1045-1069.	2.3	198
39	Experimental melts from crustal rocks: A lithochemical constraint on granite petrogenesis. <i>Lithos</i> , 2016, 266-267, 133-157.	0.6	196
40	The transport of water in subduction zones. <i>Science China Earth Sciences</i> , 2016, 59, 651-682.	2.3	194
41	Continental versus oceanic subduction zones. <i>National Science Review</i> , 2016, 3, 495-519.	4.6	189
42	Remelting of subducted continental lithosphere: Petrogenesis of Mesozoic magmatic rocks in the Dabie-Sulu orogenic belt. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1295-1318.	0.9	188
43	Mesozoic mafic magmatism in North China: Implications for thinning and destruction of cratonic lithosphere. <i>Science China Earth Sciences</i> , 2018, 61, 353-385.	2.3	187
44	Oxygen isotope equilibrium between eclogite minerals and its constraints on mineral Sm-Nd chronometer. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 625-634.	1.6	182
45	Zircon U-Pb ages and Hf isotope compositions of migmatite from the North Dabie terrane in China: constraints on partial melting. <i>Journal of Metamorphic Geology</i> , 2007, 25, 991-1009.	1.6	171
46	Carbon and oxygen isotopic covariations in hydrothermal calcites. <i>Mineralium Deposita</i> , 1993, 28, 79.	1.7	169
47	Post-collisional granitoids from the Dabie orogen in China: Zircon U-Pb age, element and O isotope evidence for recycling of subducted continental crust. <i>Lithos</i> , 2007, 93, 248-272.	0.6	169
48	Fluid flow during exhumation of deeply subducted continental crust: zircon U-Pb age and O-isotope studies of a quartz vein within ultrahigh-pressure eclogite. <i>Journal of Metamorphic Geology</i> , 2007, 25, 267-283.	1.6	160
49	Deep Fluids in Subducted Continental Crust. <i>Elements</i> , 2013, 9, 281-287.	0.5	159
50	Neoproterozoic continental accretion in South China: Geochemical evidence from the Fuchuan ophiolite in the Jiangnan orogen. <i>Precambrian Research</i> , 2012, 220-221, 45-64.	1.2	154
51	Melting of subducted continent: Element and isotopic evidence for a genetic relationship between Neoproterozoic and Mesozoic granitoids in the Sulu orogen. <i>Chemical Geology</i> , 2006, 229, 227-256.	1.4	153
52	Zircon U-Pb ages, Hf and O isotopes constrain the crustal architecture of the ultrahigh-pressure Dabie orogen in China. <i>Chemical Geology</i> , 2008, 253, 222-242.	1.4	152
53	Zircon U-Pb age, element and Ca-O isotope geochemistry of post-collisional mafic-ultramafic rocks from the Dabie orogen in east-central China. <i>Lithos</i> , 2005, 83, 1-28.	0.6	150
54	Syn-exhumation magmatism during continental collision: Evidence from alkaline intrusives of Triassic age in the Sulu orogen. <i>Chemical Geology</i> , 2012, 328, 70-88.	1.4	149

#	ARTICLE	IF	CITATIONS
55	Estimation of oxygen diffusivity from anion porosity in minerals.. <i>Geochemical Journal</i> , 1998, 32, 71-89.	0.5	148
56	Hydrogen and oxygen isotope evidence for fluid-rock interactions in the stages of pre- and post-UHP metamorphism in the Dabie Mountains. <i>Lithos</i> , 1999, 46, 677-693.	0.6	146
57	Regional metamorphism at extreme conditions: Implications for orogeny at convergent plate margins. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 46-73.	1.0	142
58	Element mobility in mafic and felsic ultrahigh-pressure metamorphic rocks during continental collision. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 5244-5266.	1.6	140
59	Trace element and strontium isotope constraints on sedimentary environment of Ediacaran carbonates in southern Anhui, South China. <i>Chemical Geology</i> , 2009, 265, 345-362.	1.4	139
60	Contrasting Lu-Hf and U-Th-Pb isotope systematics between metamorphic growth and recrystallization of zircon from eclogite-facies metagranites in the Dabie orogen, China. <i>Lithos</i> , 2009, 112, 477-496.	0.6	138
61	Fluid history of UHP metamorphism in Dabie Shan, China: a fluid inclusion and oxygen isotope study on the coesite-bearing eclogite from Bixiling. <i>Contributions To Mineralogy and Petrology</i> , 2000, 139, 1-16.	1.2	133
62	Postcollisional mafic igneous rocks record crust-mantle interaction during continental deep subduction. <i>Scientific Reports</i> , 2013, 3, 3413.	1.6	130
63	Extreme 18O depletion in eclogite from the Su-Lu terrane in East China. <i>European Journal of Mineralogy</i> , 1996, 8, 317-324.	0.4	128
64	Fluid inclusions in coesite-bearing eclogites and jadeite quartzite at Shuanghe, Dabie Shan (China). <i>Journal of Metamorphic Geology</i> , 2001, 19, 531-547.	1.6	124
65	Trace elements in zircon and coexisting minerals from low-T/UHP metagranite in the Dabie orogen: Implications for action of supercritical fluid during continental subduction-zone metamorphism. <i>Lithos</i> , 2010, 114, 385-412.	0.6	122
66	Origin of TTG-like rocks from anatexis of ancient lower crust: Geochemical evidence from Neoproterozoic granitoids in South China. <i>Lithos</i> , 2009, 113, 347-368.	0.6	120
67	Triassic granites in South China: A geochemical perspective on their characteristics, petrogenesis, and tectonic significance. <i>Earth-Science Reviews</i> , 2017, 173, 266-294.	4.0	120
68	Geochemical constraints on the genesis of the Bayan Obo Fe-Nb-REE deposit in Inner Mongolia, China. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 1417-1435.	1.6	118
69	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.	0.6	116
70	Neoproterozoic anatexis of Archean lithosphere: Geochemical evidence from felsic to mafic intrusions at Xiaofeng in the Yangtze Gorge, South China. <i>Precambrian Research</i> , 2008, 163, 210-238.	1.2	111
71	Dehydration and melting during continental collision: Constraints from element and isotope geochemistry of low-T/UHP granitic gneiss in the Dabie orogen. <i>Chemical Geology</i> , 2008, 247, 36-65.	1.4	111
72	Slab-mantle interaction for thinning of cratonic lithospheric mantle in North China: Geochemical evidence from Cenozoic continental basalts in central Shandong. <i>Lithos</i> , 2012, 146-147, 202-217.	0.6	111

#	ARTICLE	IF	CITATIONS
73	TC/EA-MS online determination of hydrogen isotope composition and water concentration in eclogitic garnet. <i>Physics and Chemistry of Minerals</i> , 2007, 34, 687-698.	0.3	110
74	Metamorphic growth and recrystallization of zircons in extremely ^{18}O -depleted rocks during eclogite-facies metamorphism: Evidence from $\text{U}^{235}\text{-}^{238}\text{Pb}$ ages, trace elements, and $\text{O}^{18}\text{-}^{16}\text{O}$ isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4877-4898.	1.6	110
75	Continental subduction channel processes: Plate interface interaction during continental collision. <i>Science Bulletin</i> , 2013, 58, 4371-4377.	1.7	110
76	Distinction between S-type and peraluminous I-type granites: Zircon versus whole-rock geochemistry. <i>Lithos</i> , 2016, 258-259, 77-91.	0.6	109
77	Extreme oxygen isotope signature of meteoric water in magmatic zircon from metagranite in the Sulu orogen, China: Implications for Neoproterozoic rift magmatism. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 3139-3169.	1.6	106
78	Geochemical constraints on the nature of mantle source for Cenozoic continental basalts in east-central China. <i>Lithos</i> , 2011, 125, 940-955.	0.6	106
79	Tectonic driving of Neoproterozoic glaciations: Evidence from extreme oxygen isotope signature of meteoric water in granite. <i>Earth and Planetary Science Letters</i> , 2007, 256, 196-210.	1.8	105
80	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.	1.6	104
81	Origin of retrograde fluid in ultrahigh-pressure metamorphic rocks: Constraints from mineral hydrogen isotope and water content changes in eclogite-gneiss transitions in the Sulu orogen. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2299-2325.	1.6	102
82	Origin of postcollisional magmatic rocks in the Dabie orogen: Implications for crust-mantle interaction and crustal architecture. <i>Lithos</i> , 2011, 126, 99-114.	0.6	102
83	Origin of andesitic rocks: Geochemical constraints from Mesozoic volcanics in the Luzong basin, South China. <i>Lithos</i> , 2014, 190-191, 220-239.	0.6	99
84	Oxygen and neodymium isotope evidence for recycling of juvenile crust in northeast China. <i>Geology</i> , 2002, 30, 375.	2.0	98
85	Zircon U-Pb age and $\delta^{18}\text{O}$ isotope evidence for neoproterozoic low- ^{18}O magmatism during supercontinental rifting in South China: Implications for the snowball earth event. <i>Numerische Mathematik</i> , 2008, 308, 484-516.	0.7	98
86	Isotopic constraints on age and duration of fluid-assisted high-pressure eclogite-facies recrystallization during exhumation of deeply subducted continental crust in the Sulu orogen. <i>Journal of Metamorphic Geology</i> , 2006, 24, 687-702.	1.6	97
87	The source of Mesozoic granitoids in South China: Integrated geochemical constraints from the Taoshan batholith in the Nanling Range. <i>Chemical Geology</i> , 2015, 395, 11-26.	1.4	97
88	Zircon isotope evidence for recycling of subducted continental crust in post-collisional granitoids from the Dabie terrane in China. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	96
89	Petrological, isotopic and fluid inclusion studies of eclogites from Sujiahe, NW Dabie Shan (China). <i>Chemical Geology</i> , 2002, 187, 107-128.	1.4	94
90	Two styles of plate tectonics in Earth's history. <i>Science Bulletin</i> , 2020, 65, 329-334.	4.3	94

#	ARTICLE	IF	CITATIONS
91	Transition of UHP eclogites to gneissic rocks of low-amphibolite facies during exhumation: evidence from the Dabie terrane, central China. <i>Lithos</i> , 2003, 70, 269-291.	0.6	93
92	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.	1.6	92
93	Chemical geodynamics of mafic magmatism above subduction zones. <i>Journal of Asian Earth Sciences</i> , 2020, 194, 104185.	1.0	92
94	Mineral isotope evidence for the contemporaneous process of Mesozoic granite emplacement and gneiss metamorphism in the Dabie orogen. <i>Chemical Geology</i> , 2006, 231, 214-235.	1.4	90
95	Fluid Evolution during HP and UHP Metamorphism in Dabie Shan, China: Constraints from Mineral Chemistry, Fluid Inclusions and Stable Isotopes. <i>Journal of Petrology</i> , 2002, 43, 1505-1527.	1.1	89
96	Synexhumation anatexis of ultrahigh-pressure metamorphic rocks: Petrological evidence from granitic gneiss in the Sulu orogen. <i>Lithos</i> , 2013, 156-159, 69-96.	0.6	89
97	Ultrahigh-pressure metamorphic rocks in the Dabie-Sulu orogenic belt: compositional inheritance and metamorphic modification. <i>Geological Society Special Publication</i> , 2019, 474, 89-132.	0.8	89
98	Zircon Hf-O isotope evidence for crust-mantle interaction during continental deep subduction. <i>Earth and Planetary Science Letters</i> , 2011, 308, 229-244.	1.8	86
99	Zircon U-Pb age and Hf isotope evidence for contrasting origin of bimodal protoliths for ultrahigh-pressure metamorphic rocks from the Chinese Continental Scientific Drilling project. <i>Journal of Metamorphic Geology</i> , 2007, 25, 873-894.	1.6	85
100	A high precision U-Pb age of metamorphic rutile in coesite-bearing eclogite from the Dabie Mountains in central China: a new constraint on the cooling history. <i>Chemical Geology</i> , 2003, 200, 255-265.	1.4	83
101	Termination time of peak decratonization in North China: Geochemical evidence from mafic igneous rocks. <i>Lithos</i> , 2016, 240-243, 327-336.	0.6	83
102	Geochemistry and geochronology of eclogites from the northern Dabie Mountains, central China. <i>Journal of Asian Earth Sciences</i> , 2005, 25, 431-443.	1.0	82
103	Transitional time of oceanic to continental subduction in the Dabie orogen: Constraints from U-Pb, Lu-Hf, Sm-Nd and Ar-Ar multichronometric dating. <i>Lithos</i> , 2009, 110, 327-342.	0.6	82
104	Zircon U-Pb dating of water-rock interaction during Neoproterozoic rift magmatism in South China. <i>Chemical Geology</i> , 2007, 246, 65-86.	1.4	81
105	Zircon Hf-O isotope and whole-rock geochemical constraints on origin of postcollisional mafic to felsic dykes in the Sulu orogen. <i>Lithos</i> , 2012, 136-139, 225-245.	0.6	81
106	The nature of orogenic lithospheric mantle: Geochemical constraints from postcollisional mafic-ultramafic rocks in the Dabie orogen. <i>Chemical Geology</i> , 2012, 334, 99-121.	1.4	79
107	An experimental study of oxygen isotope fractionation between inorganically precipitated aragonite and water at low temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 387-399.	1.6	78
108	Zircon SHRIMP U-Pb dating, C and O isotopes for impure marbles from the Jiaobei terrane in the Sulu orogen: Implication for tectonic affinity. <i>Precambrian Research</i> , 2006, 144, 1-18.	1.2	78

#	ARTICLE	IF	CITATIONS
109	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.	1.0	77
110	Metamorphic zirconology of continental subduction zones. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 149-176.	1.0	77
111	Growth and reworking of cratonic lithosphere. <i>Science Bulletin</i> , 2009, 54, 3347-3353.	4.3	76
112	Remnants of oceanic lower crust in the subcontinental lithospheric mantle: Trace element and Sr- ⁸⁷ / _{Sr} - ⁸⁶ / _{Sr} isotope evidence from aluminous garnet pyroxenite xenoliths from Jiaohe, Northeast China. <i>Earth and Planetary Science Letters</i> , 2010, 297, 413-422.	1.8	76
113	Temporal relationship between granite cooling and hydrothermal uranium mineralization at Dalongshan in China: a combined radiometric and oxygen isotopic study. <i>Ore Geology Reviews</i> , 2004, 25, 221-236.	1.1	75
114	Petrological and zircon evidence for anatexis of UHP quartzite during continental collision in the Sulu orogen. <i>Journal of Metamorphic Geology</i> , 2013, 31, 389-413.	1.6	74
115	Marine carbonate records of terrigenous input into Paleotethyan seawater: Geochemical constraints from Carboniferous limestones. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 141, 508-531.	1.6	74
116	Remnants of premetamorphic fluid and oxygen isotopic signatures in eclogites and garnet clinopyroxenite from the Dabie-Sulu terranes, eastern China. <i>Journal of Metamorphic Geology</i> , 2003, 21, 561-578.	1.6	69
117	Petrogenesis of Triassic granites from the Nanling Range in South China: Implications for geochemical diversity in granites. <i>Lithos</i> , 2014, 210-211, 40-56.	0.6	68
118	Oxygen isotope fractionations involving apatites: Application to paleotemperature determination. <i>Chemical Geology</i> , 1996, 127, 177-187.	1.4	66
119	Oxygen and hydrogen isotope geochemistry of gneisses associated with ultrahigh pressure eclogites at Shuanghe in the Dabie Mountains. <i>Contributions To Mineralogy and Petrology</i> , 1999, 134, 52-66.	1.2	64
120	Tectonic development from oceanic subduction to continental collision: Geochemical evidence from postcollisional mafic rocks in the Hong'an-Dabie orogens. <i>Gondwana Research</i> , 2015, 27, 1236-1254.	3.0	63
121	The tectonic transition from oceanic subduction to continental subduction: Zirconological constraints from two types of eclogites in the North Qaidam orogen, northern Tibet. <i>Lithos</i> , 2016, 244, 122-139.	0.6	63
122	Fluid inclusions in granulites, granulitized eclogites and garnet clinopyroxenites from the Dabie-Sulu terranes, eastern China. <i>Lithos</i> , 2003, 70, 293-319.	0.6	61
123	Introduction to the structures and processes of subduction zones. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 1-15.	1.0	61
124	Oxygen isotope fractionation in hematite and magnetite: A theoretical calculation and application to geothermometry of metamorphic iron-formations. <i>European Journal of Mineralogy</i> , 1991, 3, 877-886.	0.4	60
125	Modification of subcontinental lithospheric mantle above continental subduction zone: Constraints from geochemistry of Mesozoic gabbroic rocks in southeastern North China. <i>Lithos</i> , 2012, 146-147, 164-182.	0.6	59
126	Slab-mantle interaction in continental subduction channel: Geochemical evidence from Mesozoic gabbroic intrusives in southeastern North China. <i>Lithos</i> , 2012, 155, 442-460.	0.6	58

#	ARTICLE	IF	CITATIONS
127	Two types of gneisses associated with eclogite at Shuanghe in the Dabie terrane: carbon isotope, zircon U–Pb dating and oxygen isotope. <i>Lithos</i> , 2003, 70, 321-343.	0.6	57
128	Sm–Nd and Rb–Sr dating of pyroxene–garnetite from North Dabie in east-central China: problem of isotope disequilibrium due to retrograde metamorphism. <i>Chemical Geology</i> , 2004, 206, 137-158.	1.4	56
129	Partial equilibrium of radiogenic and stable isotope systems in garnet peridotite during ultrahigh-pressure metamorphism. <i>American Mineralogist</i> , 2003, 88, 1633-1643.	0.9	53
130	Mg–O isotopes trace the origin of Mg-rich fluids in the deeply subducted continental crust of Western Alps. <i>Earth and Planetary Science Letters</i> , 2016, 456, 157-167.	1.8	53
131	Hydrothermal ore deposits in collisional orogens. <i>Science Bulletin</i> , 2019, 64, 205-212.	4.3	53
132	Oxygen isotope fractionation between hydroxide minerals and water. <i>Physics and Chemistry of Minerals</i> , 1998, 25, 213-221.	0.3	52
133	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.	1.6	52
134	The intensity of chemical weathering: Geochemical constraints from marine detrital sediments of Triassic age in South China. <i>Chemical Geology</i> , 2015, 391, 111-122.	1.4	52
135	Continental basalts record the crust-mantle interaction in oceanic subduction channel: A geochemical case study from eastern China. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 233-259.	1.0	51
136	Neoproterozoic granitoid in northwest Sulu and its bearing on the North China-South China Blocks boundary in east China. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	50
137	Diffusion compensation for argon, hydrogen, lead, and strontium in minerals: Empirical relationships to crystal chemistry. <i>American Mineralogist</i> , 2007, 92, 289-308.	0.9	50
138	Mineral hydrogen isotopes and water contents in ultrahigh-pressure metabasite and metagranite: Constraints on fluid flow during continental subduction-zone metamorphism. <i>Chemical Geology</i> , 2011, 281, 103-124.	1.4	49
139	Contrasting Lu–Hf isotopes in zircon from Precambrian metamorphic rocks in the Jiaodong Peninsula: Constraints on the tectonic suture between North China and South China. <i>Precambrian Research</i> , 2014, 245, 29-50.	1.2	49
140	The anatexis effect on the zircon Hf isotope composition of migmatites and associated granites. <i>Lithos</i> , 2015, 238, 174-184.	0.6	49
141	Multiple episodes of anatexis in a collisional orogen: Zircon evidence from migmatite in the Dabie orogen. <i>Lithos</i> , 2015, 212-215, 247-265.	0.6	49
142	The crust–mantle interaction in continental subduction channels: Zircon evidence from orogenic peridotite in the Sulu orogen. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 687-712.	1.4	49
143	Carbon concentrations and isotopic ratios of eclogites from the Dabie and Sulu terranes in China. <i>Chemical Geology</i> , 2000, 168, 291-305.	1.4	48
144	Oxygen isotope geochemistry of ultrahigh-pressure metamorphic rocks from 200–4000 Å core samples of the Chinese Continental Scientific Drilling. <i>Chemical Geology</i> , 2007, 242, 51-75.	1.4	48

#	ARTICLE	IF	CITATIONS
145	Episodic fluid action during exhumation of deeply subducted continental crust: Geochemical constraints from zoisite-quartz vein and host metabasite in the Dabie orogen. <i>Lithos</i> , 2012, 155, 146-166.	0.6	45
146	Partial melting of deeply subducted continental crust during exhumation: insights from felsic veins and host UHP metamorphic rocks in North Qaidam, northern Tibet. <i>Journal of Metamorphic Geology</i> , 2015, 33, 671-694.	1.6	45
147	Oxygen isotope composition of quartz-vein in ultrahigh-pressure eclogite from Dabieshan and implications for transport of high-pressure metamorphic fluid. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 695-704.	0.6	44
148	Oxygen isotope equilibrium between ultrahigh-pressure metamorphic minerals and its constraints on Sm-Nd and Rb-Sr chronometers. <i>Geological Society Special Publication</i> , 2003, 220, 93-117.	0.8	44
149	Extreme Nb/Ta fractionation in metamorphic titanite from ultrahigh-pressure metagranite. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 150, 53-73.	1.6	44
150	Developing the plate tectonics from oceanic subduction to continental collision. <i>Science Bulletin</i> , 2009, 54, 2549-2555.	4.3	43
151	Fluid action on zircon growth and recrystallization during quartz veining within UHP eclogite: Insights from U-Pb ages, O-Hf isotopes and trace elements. <i>Lithos</i> , 2012, 136-139, 126-144.	0.6	43
152	The production of granitic magmas through crustal anatexis at convergent plate boundaries. <i>Lithos</i> , 2021, 402-403, 106232.	0.6	43
153	Mineral oxygen isotope and hydroxyl content changes in ultrahigh-pressure eclogite-gneiss contacts from Chinese Continental Scientific Drilling Project cores. <i>Journal of Metamorphic Geology</i> , 2007, 25, 165-186.	1.6	42
154	Protracted oceanic subduction prior to continental subduction: New Lu-Hf and Sm-Nd geochronology of oceanic-type high-pressure eclogite in the western Dabie orogen. <i>American Mineralogist</i> , 2010, 95, 1214-1223.	0.9	42
155	Multistage growth of garnet in ultrahigh-pressure eclogite during continental collision in the Dabie orogen: Constrained by trace elements and U-Pb ages. <i>Lithos</i> , 2011, 127, 101-127.	0.6	42
156	Geochemical Distinction between Carbonate and Silicate Metasomatism in Generating the Mantle Sources of Alkali Basalts. <i>Journal of Petrology</i> , 2017, 58, 863-884.	1.1	42
157	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.	0.6	41
158	An online method combining a thermal conversion elemental analyzer with isotope ratio mass spectrometry for the determination of hydrogen isotope composition and water concentration in geological samples. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1386-1392.	0.7	40
159	Stable isotope evidence for involvement of deglacial meltwater in Ediacaran carbonates in South China. <i>Chemical Geology</i> , 2010, 271, 86-100.	1.4	40
160	On the theoretical calculations of oxygen isotope fractionation factors for carbonate-water systems. <i>Geochemical Journal</i> , 2011, 45, 341-354.	0.5	40
161	Zirconological tracing of transition between aqueous fluid and hydrous melt in the crust: Constraints from pegmatite vein and host gneiss in the Sulu orogen. <i>Lithos</i> , 2013, 162-163, 157-174.	0.6	40
162	High temperature glacial meltwater-rock reaction in the Neoproterozoic: Evidence from zircon in-situ oxygen isotopes in granitic gneiss from the Sulu orogen. <i>Precambrian Research</i> , 2016, 284, 1-13.	1.2	40

#	ARTICLE	IF	CITATIONS
163	Whole-rock and zircon geochemical distinction between oceanic- and continental-type eclogites in the North Qaidam orogen, northern Tibet. <i>Gondwana Research</i> , 2017, 44, 67-88.	3.0	40
164	Oxygen isotope fractionation in magnetites: structural effect and oxygen inheritance. <i>Chemical Geology</i> , 1995, 121, 309-316.	1.4	39
165	Geochemical insights into the role of metasomatic hornblende in generating alkali basalts. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3762-3779.	1.0	39
166	Tectonic evolution from oceanic subduction to continental collision during the closure of Paleotethyan ocean: Geochronological and geochemical constraints from metamorphic rocks in the Hong'an orogen. <i>Gondwana Research</i> , 2015, 28, 348-370.	3.0	39
167	Petrogenesis of the Mesozoic Shuikoushan peraluminous I-type granodioritic intrusion in Hunan Province, South China: Middle- to lower crustal reworking in an extensional tectonic setting. <i>Journal of Asian Earth Sciences</i> , 2016, 123, 224-242.	1.0	39
168	Extreme metamorphism and metamorphic facies series at convergent plate boundaries: Implications for supercontinent dynamics. <i>Earth and Planetary Science Letters</i> , 2021, 17, 1647-1685.		39
169	Mössbauer spectroscopy of omphacite and garnet pairs from eclogites: Application to geothermobarometry. <i>American Mineralogist</i> , 2005, 90, 90-100.	0.9	38
170	A geochemical framework for retrieving the linked depositional and diagenetic histories of marine carbonates. <i>Earth and Planetary Science Letters</i> , 2017, 460, 213-221.	1.8	37
171	Isotopic evidence for continental ice sheet in mid-latitude region in the supergreenhouse Early Cretaceous. <i>Scientific Reports</i> , 2013, 3, 2732.	1.6	36
172	Geochemical constraints on the origin of Late Mesozoic andesites from the Ningwu basin in the Middle- to Lower Yangtze Valley, South China. <i>Lithos</i> , 2016, 254-255, 94-117.	0.6	36
173	Geochemical constraints on the source nature and melting conditions of Triassic granites from South Qinling in central China. <i>Lithos</i> , 2016, 264, 141-157.	0.6	36
174	Amalgamation of South China into Rodinia during the Grenvillian accretionary orogeny: Geochemical evidence from Early Neoproterozoic igneous rocks in the northern margin of the South China Block. <i>Precambrian Research</i> , 2019, 321, 221-243.	1.2	35
175	Oxygen isotope fractionation in wolframite. <i>European Journal of Mineralogy</i> , 1992, 4, 1331-1336.	0.4	35
176	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.	1.6	34
177	Partial melting of the orogenic lower crust: Geochemical insights from post-collisional alkaline volcanics in the Dabie orogen. <i>Chemical Geology</i> , 2017, 454, 25-43.	1.4	34
178	Evidence for regional metamorphism in a continental rift during the Rodinia breakup. <i>Precambrian Research</i> , 2018, 314, 414-427.	1.2	33
179	Geochemical constraints on the protoliths of eclogites and blueschists from North Qilian, northern Tibet. <i>Chemical Geology</i> , 2016, 421, 26-43.	1.4	32
180	Recycling of Paleotethyan oceanic crust: Geochemical record from postcollisional mafic igneous rocks in the Tongbai-Hong'an orogens. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 179-192.	1.6	32

#	ARTICLE	IF	CITATIONS
181	Oxygen isotope fractionation in SiO ₂ and Al ₂ SiO ₅ polymorphs: effect of crystal structure. <i>European Journal of Mineralogy</i> , 1993, 5, 651-658.	0.4	32
182	Kinetic mechanism of oxygen isotope disequilibrium in precipitated witherite and aragonite at low temperatures: an experimental study. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 63-71.	1.6	31
183	Carbon Isotope Anomaly in Marbles Associated With Eclogites From the Dabie Mountains in China. <i>Journal of Geology</i> , 1998, 106, 97-104.	0.7	30
184	Dehydration and anatexis of UHP metagranite during continental collision in the Sulu orogen. <i>Journal of Metamorphic Geology</i> , 2014, 32, 915-936.	1.6	30
185	Source and magma mixing processes in continental subduction factory: Geochemical evidence from postcollisional mafic igneous rocks in the Dabie orogen. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 659-680.	1.0	30
186	Crust-Mantle Interaction in a Continental Subduction Channel: Evidence from Orogenic Peridotites in North Qaidam, Northern Tibet. <i>Journal of Petrology</i> , 2017, 58, 191-226.	1.1	30
187	Protolith control on fluid availability for zircon growth during continental subduction-zone metamorphism in the Dabie orogen. <i>Journal of Asian Earth Sciences</i> , 2013, 67-68, 93-113.	1.0	29
188	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.	1.4	29
189	Geochronological and geochemical evidence for the nature of the Dongling Complex in South China. <i>Precambrian Research</i> , 2015, 256, 17-30.	1.2	29
190	Slab-Mantle Interaction in the Petrogenesis of Andesitic Magmas: Geochemical Evidence from Postcollisional Intermediate Volcanic Rocks in the Dabie Orogen, China. <i>Journal of Petrology</i> , 2016, 57, 1109-1134.	1.1	29
191	Two episodes of partial melting in ultrahigh-pressure migmatites from deeply subducted continental crust in the Sulu orogen, China. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1521-1542.	1.6	28
192	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.	0.6	28
193	The origin of Cenozoic continental basalts in east-central China: Constrained by linking Pb isotopes to other geochemical variables. <i>Lithos</i> , 2017, 268-271, 302-319.	0.6	28
194	Element mobility during continental collision: insights from polymineralic metamorphic vein within UHP eclogite in the Dabie orogen. <i>Journal of Metamorphic Geology</i> , 2013, 31, 221-241.	1.6	27
195	The hydrous properties of subcontinental lithospheric mantle: Constraints from water content and hydrogen isotope composition of phenocrysts from Cenozoic continental basalt in North China. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 143, 285-302.	1.6	27
196	Anomalous nitrogen isotopes in ultrahigh-pressure metamorphic rocks from the Sulu orogenic belt: Effect of abiotic nitrogen reduction during fluid-rock interaction. <i>Earth and Planetary Science Letters</i> , 2014, 403, 67-78.	1.8	27
197	Tracking Fe mobility and Fe speciation in subduction zone fluids at the slab-mantle interface in a subduction channel: A tale of whiteschist from the Western Alps. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 267, 1-16.	1.6	27
198	Hydrogen and oxygen isotope geochemistry of A-type granites in the continental margins of eastern China. <i>Tectonophysics</i> , 2000, 328, 205-227.	0.9	26

#	ARTICLE	IF	CITATIONS
199	Geochemical constraints on the origin of post-depositional fluids in sedimentary carbonates of the Ediacaran system in South China. <i>Precambrian Research</i> , 2013, 224, 341-363.	1.2	26
200	Effects of mineral precipitation on the sulfur isotope composition of hydrothermal solutions. <i>Chemical Geology</i> , 1993, 105, 259-269.	1.4	25
201	Experimental studies of oxygen and hydrogen isotope fractionations between precipitated brucite and water at low temperatures. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 2009-2018.	1.6	25
202	Composite carbonate and silicate multiphase solid inclusions in metamorphic garnet from ultrahigh- <i>P</i> eclogite in the Dabie orogen. <i>Journal of Metamorphic Geology</i> , 2014, 32, 961-980.	1.6	25
203	Measurement of in-situ oxygen isotope ratios in monazite by SHRIMP ion microprobe: Standards, protocols and implications. <i>Chemical Geology</i> , 2014, 380, 84-96.	1.4	25
204	Carbon isotopes in eclogite and apatite separate from Huangzhen and Shima in SE Dabie. <i>Science in China Series D: Earth Sciences</i> , 2000, 43, 449-457.	0.9	24
205	Geochronology and Stable Isotope Geochemistry of UHP Metamorphic Rocks at Taohang in the Sulu Orogen, East-Central China. <i>International Geology Review</i> , 2007, 49, 259-286.	1.1	24
206	Relationships between O isotope equilibrium, mineral alteration and Rb–Sr chronometric validity in granitoids: implications for determination of cooling rate. <i>Contributions To Mineralogy and Petrology</i> , 2007, 153, 251-271.	1.2	24
207	An online method combining a Gasbench II with continuous flow isotope ratio mass spectrometry to determine the content and isotopic compositions of minor amounts of carbonate in silicate rocks. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2217-2226.	0.7	24
208	Seeking a geochemical identifier for authigenic carbonate. <i>Nature Communications</i> , 2016, 7, 10885.	5.8	24
209	Oxygen isotope fractionation in double carbonates. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 29-46.	0.5	24
210	Geochemical evidence from marine carbonate for enhanced terrigenous input into seawater during the Ediacaran-Cambrian transition in South China. <i>Precambrian Research</i> , 2017, 291, 83-97.	1.2	24
211	Back-reaction of Peritectic Garnet as an Explanation for the Origin of Mafic Enclaves in S-type Granite from the Jiuling Batholith in South China. <i>Journal of Petrology</i> , 2017, 58, 569-598.	1.1	24
212	The three-dimensional U–Pb method: Generalized models and implications for U–Pb two-stage systematics. <i>Chemical Geology</i> , 1992, 100, 3-18.	1.4	23
213	Prediction of high-temperature oxygen isotope fractionation factors between mantle minerals. <i>Physics and Chemistry of Minerals</i> , 1997, 24, 356-364.	0.3	23
214	Formation of metamorphic and metamorphosed garnets in the low-T/UHP metagranite during continental collision in the Dabie orogen. <i>Lithos</i> , 2012, 136-139, 73-92.	0.6	23
215	Polyphase growth of garnet in eclogite from the Hong'an orogen: Constraints from garnet zoning and phase equilibrium. <i>Lithos</i> , 2014, 206-207, 79-99.	0.6	23
216	Tracing subduction zone fluids with distinct Mg isotope compositions: Insights from high-pressure metasomatic rocks (leucophyllites) from the Eastern Alps. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 271, 154-178.	1.6	23

#	ARTICLE	IF	CITATIONS
217	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.	1.2	23
218	Chemical and carbon isotope compositions of fluid inclusions in peridotite xenoliths and eclogites from eastern China: geodynamic implications. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 705-718.	0.6	22
219	<i>In Situ</i> Oxygen Isotope Determination in Serpentine Minerals by Ion Microprobe: Reference Materials and Applications to Ultrahigh-Pressure Serpentinites. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 459-479.	1.7	22
220	Geochemical evidence for the production of granitoids through reworking of the juvenile mafic arc crust in the Gangdese orogen, southern Tibet. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1347-1364.	1.6	22
221	Generation of andesite through partial melting of basaltic metasomatites in the mantle wedge: Insight from quantitative study of Andean andesites. <i>Geoscience Frontiers</i> , 2021, 12, 101124.	4.3	22
222	Geochemical constraints on petrogenesis of marble-hosted eclogites from the Sulu orogen in China. <i>Chemical Geology</i> , 2016, 436, 35-53.	1.4	21
223	Petrological and zircon evidence for the Early Cretaceous granulite-facies metamorphism in the Dabie orogen, China. <i>Lithos</i> , 2017, 284-285, 11-29.	0.6	21
224	Distribution, cycling and impact of water in the Earth's interior. <i>National Science Review</i> , 2017, 4, 879-891.	4.6	21
225	Crustal Metasomatism at the Slab-Mantle Interface in a Continental Subduction Channel: Geochemical Evidence From Orogenic Peridotite in the Sulu Orogen. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2174-2198.	1.4	21
226	The occurrence of Neoproterozoic low $\delta^{18}O$ igneous rocks in the northwestern margin of the South China Block: Implications for the Rodinia configuration. <i>Precambrian Research</i> , 2020, 347, 105841.	1.2	21
227	Garnet geochemistry records the action of metamorphic fluids in ultrahigh-pressure dioritic gneiss from the Sulu orogen. <i>Chemical Geology</i> , 2015, 398, 46-60.	1.4	20
228	The extremely enriched mantle beneath the Yangtze Craton in the Neoproterozoic: Constraints from the Qichun pyroxenite. <i>Precambrian Research</i> , 2016, 276, 194-210.	1.2	20
229	Seismic evidence for the absence of deeply subducted continental slabs in the lower lithosphere beneath the Central Orogenic Belt of China. <i>Tectonophysics</i> , 2018, 723, 178-189.	0.9	20
230	Recycling of Paleo-oceanic crust: Geochemical evidence from Early Paleozoic mafic igneous rocks in the Tongbai orogen, Central China. <i>Lithos</i> , 2019, 328-329, 312-327.	0.6	20
231	Tectonic transition from oceanic subduction to continental collision: New geochemical evidence from Early-Middle Triassic mafic igneous rocks in southern Liaodong Peninsula, east-central China. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1469-1488.	1.6	20
232	Miocene high-temperature leucogranite magmatism in the Himalayan orogen. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 679-690.	1.6	20
233	Influences of the nature of the initial RbSr system on isochron validity. <i>Chemical Geology: Isotope Geoscience Section</i> , 1989, 80, 1-16.	0.7	19
234	A further three-dimensional U-Pb method for solving the two-stage episodic model.. <i>Geochemical Journal</i> , 1990, 24, 29-37.	0.5	19

#	ARTICLE	IF	CITATIONS
235	Oxygen isotope exchange processes and disequilibrium between calcite and forsterite in an experimental C-O-H fluid. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 1781-1786.	1.6	19
236	Water contents and hydrogen isotopes in nominally anhydrous minerals from UHP metamorphic rocks in the Dabie-Sulu orogenic belt. <i>Science Bulletin</i> , 2013, 58, 4384-4389.	1.7	19
237	The nature of subduction system in the Neoproterozoic: Magmatic records from the northern Yangtze Craton, South China. <i>Precambrian Research</i> , 2020, 347, 105834.	1.2	19
238	An experimental calibration of oxygen isotope fractionation between calcite and forsterite in the presence of a CO ₂ -H ₂ O fluid. <i>Chemical Geology</i> , 1994, 116, 17-27.	1.4	18
239	Temperature effect over garnet effect on uptake of trace elements in zircon of TTG-like rocks. <i>Chemical Geology</i> , 2010, 274, 108-125.	1.4	18
240	Fluid-rock interaction and geochemical transport during protolith emplacement and continental collision: A tale from Qinglongshan ultrahigh-pressure metamorphic rocks in the Sulu orogen. <i>Numerische Mathematik</i> , 2014, 314, 357-399.	0.7	18
241	Magma mixing in granite petrogenesis: Insights from biotite inclusions in quartz and feldspar of Mesozoic granites from South China. <i>Journal of Asian Earth Sciences</i> , 2016, 123, 142-161.	1.0	18
242	Zircon geochemical constraints on the protolith nature and metasomatic process of the Mg-rich whiteschist from the Western Alps. <i>Chemical Geology</i> , 2017, 467, 177-195.	1.4	18
243	Mixing of Felsic Magmas in Granite Petrogenesis: Geochemical Records of Zircon and Garnet in Peraluminous Granitoids From South China. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2738-2769.	1.4	18
244	On the Direction and Magnitude of Oxygen Isotope Fractionation Between Calcite and Aragonite at Thermodynamic Equilibrium. <i>Aquatic Geochemistry</i> , 2006, 12, 239-268.	1.5	17
245	Polyphase growth of accessory minerals during continental collision: Geochemical evidence from ultrahigh-pressure metamorphic gneisses in the Sulu orogen. <i>Lithos</i> , 2013, 177, 245-267.	0.6	17
246	Zircon evidence for incorporation of terrigenous sediments into the magma source of continental basalts. <i>Scientific Reports</i> , 2018, 8, 178.	1.6	17
247	Geochemical insights into the lithology of mantle sources for Cenozoic alkali basalts in West Qinling, China. <i>Lithos</i> , 2018, 302-303, 86-98.	0.6	17
248	The geochemical nature of mantle sources for two types of Cretaceous basaltic rocks from Luxi and Jiadong in east-central China. <i>Lithos</i> , 2019, 344-345, 409-424.	0.6	17
249	Origin of arc-like magmatism at fossil convergent plate boundaries: Geochemical insights from Mesozoic igneous rocks in the Middle to Lower Yangtze Valley, South China. <i>Earth-Science Reviews</i> , 2020, 211, 103416.	4.0	17
250	Identification of Jurassic mafic arc magmatism in the eastern North China Craton: Geochemical evidence for westward subduction of the Paleo-Pacific slab. <i>Bulletin of the Geological Society of America</i> , 2020, . .	1.6	17
251	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.	1.6	17
252	Phenocryst He-Ar isotopic and whole-rock geochemical constraints on the origin of crustal components in the mantle source of Cenozoic continental basalt in eastern China. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 272, 99-110.	0.8	16

#	ARTICLE	IF	CITATIONS
253	Geochemical constraints on the nature of magma sources for Triassic granitoids from South Qinling in central China. <i>Lithos</i> , 2017, 284-285, 30-49.	0.6	16
254	Geochemistry of high-pressure to ultrahigh-pressure granitic melts produced by decompressional melting of deeply subducted continental crust in the Sulu orogen, east-central China. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 288, 214-247.	1.6	16
255	Geochemical evidence for forearc metasomatism of peridotite in the Xigaze ophiolite during subduction initiation in Neo-Tethyan Ocean, south to Tibet. <i>Lithos</i> , 2021, 380-381, 105896.	0.6	16
256	The Effects of Source Mixing and Fractional Crystallization on the Composition of Eocene Granites in the Himalayan Orogen. <i>Journal of Petrology</i> , 2021, 62, .	1.1	16
257	Sulphur isotopic fractionation between sulphate and sulphide in hydrothermal ore deposits: disequilibrium vs equilibrium processes. <i>Terra Nova</i> , 1991, 3, 510-516.	0.9	15
258	Oxygen isotope fractionation between calcite and tremolite: an experimental study. <i>Contributions To Mineralogy and Petrology</i> , 1994, 118, 249-255.	1.2	15
259	Polygenetic titanite records the composition of metamorphic fluids during the exhumation of ultrahigh-pressure metagranite in the Sulu orogen. <i>Journal of Metamorphic Geology</i> , 2016, 34, 573-594.	1.6	15
260	Migmatites record multiple episodes of crustal anatexis and geochemical differentiation in the Sulu ultrahigh-pressure metamorphic zone, eastern China. <i>Journal of Metamorphic Geology</i> , 2019, 37, 1099-1127.	1.6	15
261	Fe and O isotopes in coesite-bearing jadeite quartzite from the Western Alps record multistage fluid-rock interactions in a continental subduction zone. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 312, 1-24.	1.6	15
262	Relict zircon U-Pb age and O isotope evidence for reworking of Neoproterozoic crustal rocks in the origin of Triassic S-type granites in South China. <i>Lithos</i> , 2018, 300-301, 261-277.	0.6	15
263	Chemical synthesis of CaCO ₃ minerals at low temperatures and implication for mechanism of polymorphic transition. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2001, 176, 323-343.	0.1	15
264	Crustal thickening and continental formation in the Neoproterozoic: Geochemical records by granitoids from the Taihua Complex in the North China Craton. <i>Precambrian Research</i> , 2021, 367, 106446.	1.2	15
265	Tourmaline boron isotopes trace metasomatism by serpentinite-derived fluid in continental subduction zone. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 320, 122-142.	1.6	15
266	Geochemical constraints on the nature of Late Archean basaltic-andesitic magmatism in the North China Craton. <i>Earth-Science Reviews</i> , 2022, 230, 104065.	4.0	15
267	Early archean inheritance in zircon from Mesozoic dalongshan granitoids in the Yangtze Foldbelt of Southeast China. <i>Geochemical Journal</i> , 1990, 24, 133-141.	0.5	14
268	Compensation effect for electrical conductivity and its applications to estimate oxygen diffusivity in minerals. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	14
269	Postcollisional mafic igneous rocks record recycling of noble gases by deep subduction of the continental crust. <i>Lithos</i> , 2016, 252-253, 135-144.	0.6	14
270	Oxygen and carbon isotope anomalies in the ultrahigh pressure metamorphic rocks of the Dabie-Sulu terranes: implications for geodynamics. <i>Episodes</i> , 1997, 20, 104-108.	0.8	14

#	ARTICLE	IF	CITATIONS
271	Geochemical evidence for partial melting of progressively varied crustal sources for leucogranites during the Oligocene–Miocene in the Himalayan orogen. <i>Chemical Geology</i> , 2022, 589, 120674.	1.4	14
272	Oxygen isotope exchange and disequilibrium between calcite and tremolite in the absence and presence of an experimental CO ₂ H fluid. <i>Contributions To Mineralogy and Petrology</i> , 2004, 146, 683-695.	1.2	13
273	Geochemical insights from clinopyroxene phenocrysts into the effect of magmatic processes on petrogenesis of intermediate volcanics. <i>Lithos</i> , 2018, 316-317, 137-153.	0.6	13
274	The Origin of Garnets in Anatectic Rocks from the Eastern Himalayan Syntaxis, Southeastern Tibet: Constraints from Major and Trace Element Zoning and Phase Equilibrium Relationships. <i>Journal of Petrology</i> , 2019, 60, 2241-2280.	1.1	13
275	Metamorphism in Subduction Zones. , 2021, , 612-622.		13
276	Effect of polymorphic transition on oxygen isotope fractionation between aragonite, calcite, and water: A low-temperature experimental study. <i>American Mineralogist</i> , 2005, 90, 1121-1130.	0.9	12
277	Diverse P–T paths of the northern Dabie complex in central China and its reworking in the early Cretaceous. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 633-640.	1.0	12
278	Exhumation of Ultrahigh-Pressure Metamorphic Terranes. , 2021, , 868-878.		12
279	Geochemistry of vein and wallrock carbonates from the Ediacaran system in South China: Insights into the origins of depositional and post-depositional fluids. <i>Chemical Geology</i> , 2015, 404, 71-87.	1.4	11
280	Syn-exhumation magmatism in an active continental margin above a continental subduction zone: Evidence from Late Triassic mafic igneous rocks in the southeastern North China Block. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1267-1282.	1.6	11
281	Carbon concentration and isotope composition of granites from Southeast China. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 821-833.	0.6	10
282	An oxygen isotope study of quartz veins within eclogites from the Dabie terrane. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 621-634.	0.9	10
283	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.	1.6	10
284	Geochemical constraints on the origin of Neoproterozoic magmatic rocks in the Liang Complex, North China Craton: Tectonic implications. <i>Precambrian Research</i> , 2019, 327, 212-231.	1.2	10
285	Zircon evidence for the Eoarchean (~3.7 Ga) crustal remnant in the Sulu Orogen, eastern China. <i>Precambrian Research</i> , 2020, 337, 105529.	1.2	10
286	Convergent Plate Boundaries and Accretionary Wedges. , 2021, , 770-787.		10
287	Oxygen isotope fractionation in phosphates: the role of dissolved complex anions in isotope exchange. <i>Isotopes in Environmental and Health Studies</i> , 2016, 52, 47-60.	0.5	9
288	Water in garnet pyroxenite from the Sulu orogen: Implications for crust-mantle interaction in continental subduction zone. <i>Chemical Geology</i> , 2018, 478, 18-38.	1.4	9

#	ARTICLE	IF	CITATIONS
289	Syn-exhumation melting of the subducted continental crust: Geochemical evidence from early Paleozoic granitoids in North Qaidam, northern Tibet. <i>Lithos</i> , 2020, 374-375, 105707.	0.6	9
290	The accretion history of the South China Block at its northwest margin in the Neoproterozoic: Records from the Changba complex in the Mianlue zone. <i>Precambrian Research</i> , 2021, 352, 106006.	1.2	9
291	Partial melting of subducted continental crust: Geochemical evidence from synexhumation granite in the Sulu orogen. <i>Bulletin of the Geological Society of America</i> , 0, , .	1.6	8
292	Syn-exhumation magmatism during continental collision: Geochemical evidence from the early Paleozoic Fushui mafic rocks in the Qinling orogen, Central China. <i>Lithos</i> , 2020, 352-353, 105318.	0.6	8
293	Geochemical Distinction Between Altered Oceanic Basalt- and Seafloor Sediment-Derived Fluids in the Mantle Source of Mafic Igneous Rocks in Southwestern Tianshan, Western China. <i>Journal of Petrology</i> , 2021, 62, .	1.1	8
294	Origin of syn-collisional granitoids in the Gangdese orogen: Reworking of the juvenile arc crust and the ancient continental crust. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 577-598.	1.6	8
295	Peritectic minerals record partial melting of the deeply subducted continental crust in the Sulu orogen. <i>Journal of Metamorphic Geology</i> , 2022, 40, 87-120.	1.6	8
296	Barium isotope fractionation during dehydration melting of the subducting oceanic crust: Geochemical evidence from OIB-like continental basalts. <i>Chemical Geology</i> , 2022, 594, 120751.	1.4	8
297	Tectonic switch from a lithospheric rift to an active continental margin in the Paleoproterozoic: Evidence from low $\delta^{18}\text{O}$ granites from the Trans-North China Orogen in the North China Craton. <i>Precambrian Research</i> , 2022, 377, 106672.	1.2	8
298	On the use of a three-dimensional method in solving the U-Pb two-stage model.. <i>Geochemical Journal</i> , 1989, 23, 37-43.	0.5	7
299	The Meyer-Neldel compensation law for electrical conductivity in olivine. <i>Applied Physics Letters</i> , 2005, 87, 252116.	1.5	7
300	Fifty years of plate tectonics. <i>National Science Review</i> , 2018, 5, 119-119.	4.6	7
301	Geochemical evidence for reworking of the juvenile crust in the Neoproterozoic for felsic magmatism in the Yunzhongshan area, the North China Craton. <i>Precambrian Research</i> , 2019, 335, 105493.	1.2	7
302	Geochemical Evidence for Hydration and Dehydration of Crustal Rocks During Continental Rifting. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 12593-12619.	1.4	7
303	A missing piece between Laurentia and the North China Craton in Rodinia: Evidence from metasedimentary rocks of the North Qinling Terrane in central China. <i>Precambrian Research</i> , 2021, 361, 106246.	1.2	7
304	An Experimental Study of Partial Melting of Metafelsic Rocks: Constraints on the Feature of Anatectic Melts and the Origin of Garnets in Collisional Orogens. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 753-769.	1.1	7
305	The effect of crystal fractionation on the geochemical composition of syn-exhumation magmas: Implication for the formation of high $\delta^{56}\text{Fe}$ granites in collisional orogens. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 332, 156-185.	1.6	7
306	Postcollisional flow of aqueous fluid within ultrahigh-pressure eclogite in the Dabie orogen. <i>Journal of Geochemical Exploration</i> , 2006, 89, 115-118.	1.5	6

#	ARTICLE	IF	CITATIONS
307	Isotopic disequilibrium in ultrahigh-pressure and retrograde metamorphism of eclogite and gneiss from the Chinese Continental Scientific Drilling in the Sulu orogen, China: evidence from mineral Nd-Sr-O isotopic composition. <i>International Journal of Earth Sciences</i> , 2010, 99, 727-743.	0.9	6
308	Enhanced weathering as a trigger for the rise of atmospheric O ₂ level from the late Ediacaran to the early Cambrian. <i>Scientific Reports</i> , 2019, 9, 10630.	1.6	6
309	Magnesium-carbon isotopes trace carbon recycling in continental subduction zone. <i>Lithos</i> , 2020, 376-377, 105774.	0.6	6
310	Plate Tectonics. , 2021, , 744-758.		6
311	Source diversity in controlling the compositional diversity of Cenozoic granites in the Tethyan Himalaya. <i>Lithos</i> , 2021, 388-389, 106072.	0.6	6
312	Metapelites record two episodes of decompressional metamorphism in the Himalayan orogen. <i>Lithos</i> , 2021, 394-395, 106183.	0.6	6
313	Oxygen isotope fractionation between calcite and forsterite formed via reaction from dolomite and tremolite at 680°C. <i>European Journal of Mineralogy</i> , 1994, 6, 179-186.	0.4	6
314	Oxygen isotope fractionation in zinc oxides and implications for zinc mineralization in the Sterling Hill deposit, USA. <i>Mineralium Deposita</i> , 1996, 31, 98.	1.7	5
315	Response to the Comment by J. Horita and R.N. Clayton on "The studies of oxygen isotope fractionation between calcium carbonates and water at low temperatures". <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3136-3143.	1.6	5
316	Mesozoic reworking of the Paleozoic subducted continental crust beneath the south-central margin of the North China Block: Geochemical evidence from granites in the Xiaoqinling-Xionghershan region. <i>Lithos</i> , 2020, , 105886.	0.6	5
317	Construction of P-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.	1.6	5
318	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.	0.6	5
319	Discussion on the use of $\hat{T} - \hat{T}$ diagram in interpreting stable isotope data. <i>European Journal of Mineralogy</i> , 1992, 4, 635-644.	0.4	5
320	Continental crust recycling in ancient oceanic subduction zone: Geochemical insights from arc basaltic to andesitic rocks and paleo-trench sediments in southern Tibet. <i>Lithos</i> , 2022, 414-415, 106619.	0.6	5
321	Decoupling between Mg and Ca isotopes in alkali basalts: Implications for geochemical differentiation of subduction zone fluids. <i>Chemical Geology</i> , 2022, 606, 120983.	1.4	5
322	Precise carbon isotopic ratio analyses of micro amounts of carbonate and non-carbonate in basalt using continuous-flow isotope ratio mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 48-56.	0.7	4
323	Whole-rock geochemical and zircon Hf-O isotopic constraints on the origin of granitoids and their mafic enclaves from the Triassic Mishuling pluton in West Qinling, central China. <i>Journal of Asian Earth Sciences</i> , 2020, 189, 104136.	1.0	4
324	The compositional variation of I-type granites: Constraints from geochemical analyses and phase equilibrium calculations for granites from the Qinling orogen, central China. <i>Journal of Asian Earth Sciences</i> , 2020, 200, 104471.	1.0	4

#	ARTICLE	IF	CITATIONS
325	Fluid activity during exhumation of deep-subducted continental plate. <i>Science Bulletin</i> , 2004, 49, 985.	1.7	4
326	Comment on "Pb-isotopic evidence for U-Th-Pb behaviour in a prograde amphibolite to granulite facies transition from the Lewisian complex of north-west Scotland: Implication for Pb-Pb dating" by M. J. Whitehouse. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 1835-1838.	1.6	3
327	Petrogenesis of continental igneous rocks: Reply to the comment by Qiu et al. on "Origin of TTG-like rocks from anatexis of ancient lower crust: Geochemical evidence from Neoproterozoic granitoids in South China [<i>Lithos</i> 113 (2009) 347-368]". <i>Lithos</i> , 2010, 116, 191-194.	0.6	3
328	A common crustal component in the sources of bimodal magmatism: Geochemical evidence from Mesozoic volcanics in the Middle-Lower Yangtze Valley, South China. <i>Bulletin of the Geological Society of America</i> , , .	1.6	3
329	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.	1.0	3
330	Contrasting zircon and garnet behaviors during metamorphic transformation from eclogite to granulite facies: Constraints from orogenic metabasites from North Qaidam in northern Tibet. <i>Journal of Asian Earth Sciences</i> , 2021, 220, 104924.	1.0	2
331	Elevation of zircon Hf isotope ratios during crustal anatexis: Evidence from migmatites close to the eastern Himalayan syntaxis in southeastern Tibet. <i>Lithos</i> , 2022, 412-413, 106592.	0.6	2
332	25 years of continental deep subduction. <i>Science Bulletin</i> , 2009, 54, 4266-4270.	1.7	1
333	China and Mongolia "Precambrian-Paleozoic. , 2021, , 494-508.		1
334	Geochemistry of polygenetic titanite traces metamorphic and anatectic processes during the exhumation of deeply subducted continental crust. <i>Lithos</i> , 2021, 398-399, 106314.	0.6	1
335	Low H ₂ O/Ce ratios and $\delta^{18}O$ values for continental basalts in eastern China: Geochemical evidence for involvement of the dehydrated crustal component in the mantle source. <i>Lithos</i> , 2021, 400-401, 106339.	0.6	1
336	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.	0.6	1
337	Comment and Reply on "Sulfur isotopic ratios of the magnetite-series and ilmenite-series granitoids of the Sierra Nevada batholith "A reconnaissance study". <i>Geology</i> , 1990, 18, 671.	2.0	0
338	Magma differentiation and recharge in the petrogenesis of early paleozoic mafic intrusives in the Qilian orogen, northwestern China. <i>Lithos</i> , 2021, , 106492.	0.6	0