

Ti-in-zircon thermometry: applications and limitations

Contributions To Mineralogy and Petrology

156, 197-215

DOI: [10.1007/s00410-008-0281-5](https://doi.org/10.1007/s00410-008-0281-5)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Thermometers and Thermobarometers in Granitic Systems. <i>Reviews in Mineralogy and Geochemistry</i> , 2008, 69, 121-142.	2.2	196
2	Computational study of the effect of pressure on the Ti-in-zircon geothermometer. <i>European Journal of Mineralogy</i> , 2008, 20, 745-755.	0.4	105
3	The Origin of Habitats. <i>Geology</i> , 2008, 36, 911.	2.0	15
4	Dynamic Magma Systems, Crustal Recycling, and Alteration in the Central Sierra Nevada Batholith: the Oxygen Isotope Record. <i>Journal of Petrology</i> , 2008, 49, 1397-1426.	1.1	204
5	Making a Crust. <i>Science</i> , 2009, 323, 1017-1018.	6.0	4
6	Sub-micron scale distributions of trace elements in zircon. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 317-335.	1.2	79
7	The Hadean Crust: Evidence from ^{4}Ga Zircons. <i>Annual Review of Earth and Planetary Sciences</i> , 2009, 37, 479-505.	4.6	341
8	Zircon Dating of Oceanic Crustal Accretion. <i>Science</i> , 2009, 323, 1048-1050.	6.0	88
9	Miocene structural reorganization of the South Tibetan detachment, eastern Himalaya: Implications for continental collision. <i>Lithosphere</i> , 2009, 1, 259-281.	0.6	112
10	Distinguishing magmatic zircon from hydrothermal zircon: A case study from the Gidginbung high-sulphidation Au-Ag (Cu) deposit, SE Australia. <i>Chemical Geology</i> , 2009, 259, 131-142.	1.4	146
11	Metamorphic zircon, trace elements and Neoproterozoic metamorphism in the ca. 3.75 Ga Nuvvuagittuq supracrustal belt, Québec (Canada). <i>Chemical Geology</i> , 2009, 261, 99-114.	1.4	49
12	Impact melt sheet zircons and their implications for the Hadean crust. <i>Geology</i> , 2009, 37, 927-930.	2.0	54
13	Multiple origins of zircons in jadeitite. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 769-780.	1.2	60
14	Trace element composition of igneous zircon: a thermal and compositional record of the accumulation and evolution of a large silicic batholith, Spirit Mountain, Nevada. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 511-531.	1.2	280
15	Monazite geochronology and geochemistry of meta-sediments in the Narryer Gneiss Complex, Western Australia: constraints on the tectonothermal history and provenance. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 803-823.	1.2	32
16	A peculiar composite M- and W-type REE tetrad effect: Evidence from the Shuiquangou alkaline syenite complex, Hebei Province, China. <i>Science Bulletin</i> , 2010, 55, 2684-2696.	1.7	42
17	Geochemistry and geochronology of HP omphacites from Tinos and Andros, Cycladic blueschist belt, Greece. <i>Lithos</i> , 2010, 117, 61-81.	0.6	79
18	Rapid development of the great Millennium eruption of Changbaishan (Tianchi) Volcano, China/North Korea: Evidence from ^{235}Th zircon dating. <i>Lithos</i> , 2010, 119, 289-296.	0.6	57

#	ARTICLE	IF	CITATIONS
19	Zircon geochronology and trace element characteristics of eclogites and granulites from the Orlica-ÅšnieÅ¼nik complex, Bohemian Massif. <i>Geological Magazine</i> , 2010, 147, 339-362.	0.9	43
20	Melting of the continental crust during orogenesis: the thermal, rheological, and compositional consequences of melt transport from lower to upper continental crust This article is one of a selection of papers published in this Special Issue on the the theme <i>Lithoprobeâ€”parameters, processes, and the evolution of a continent</i>.. <i>Canadian Journal of Earth Sciences</i> , 2010, 47, 655-694.	0.6	137
21	Organization and thermal maturation of long-lived arc systems: Evidence from zircons at the Aucanquilcha volcanic cluster, northern Chile. <i>Geology</i> , 2010, 38, 1007-1010.	2.0	20
22	Hadean crustal evolution revisited: New constraints from Pbâ€”Hf isotope systematics of the Jack Hills zircons. <i>Earth and Planetary Science Letters</i> , 2010, 296, 45-56.	1.8	412
23	Decoupling of Uâ€”Pb dates from chemical and crystallographic domains in granulite facies zircon. <i>Chemical Geology</i> , 2010, 270, 20-30.	1.4	46
24	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
25	Relationship among titanium, rare earth elements, Uâ€”Pb ages and deformation microstructures in zircon: Implications for Ti-in-zircon thermometry. <i>Chemical Geology</i> , 2011, 280, 33-46.	1.4	79
26	Ti site occupancy in zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 905-921.	1.6	72
27	Metamorphic replacement of mineral inclusions in detrital zircon from Jack Hills, Australia: Implications for the Hadean Earth. <i>Geology</i> , 2011, 39, 1143-1146.	2.0	96
28	Zircon as the best mineral for Pâ€”Tâ€”time history of UHP metamorphism: A review on mineral inclusions and Uâ€”Pb SHRIMP ages of zircons from the Dabieâ€”Sulu UHP rocks. <i>Journal of Asian Earth Sciences</i> , 2011, 40, 1-39.	1.0	339
29	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
30	Geochemical characteristics of zircons from xenoliths in the V. Grib Kimberlite Pipe, Archangelsk Diamondiferous Province. <i>Geochemistry International</i> , 2011, 49, 415-421.	0.2	4
31	Permo-Triassic thermal events in the lower Variscan continental crust section of the Northern Calabrian Arc, Southern Italy: Insights from petrological data and in situ Uâ€”Pb zircon geochronology on gabbros. <i>Lithos</i> , 2011, 124, 291-307.	0.6	15
32	Enriching mantle melts within a dying mid-ocean spreading ridge: Insights from Hf-isotope and trace element patterns in detrital oceanic zircon. <i>Lithos</i> , 2011, 126, 355-368.	0.6	15
33	Zircon U-Pb isotope, Å¹8O and trace element response to 80 m.y. of high temperature metamorphism in the lower crust: Sluggish diffusion and new records of Archean craton formation. <i>Numerische Mathematik</i> , 2011, 311, 719-772.	0.7	58
34	The oxidation state of Hadean magmas and implications for early Earthâ€™s atmosphere. <i>Nature</i> , 2011, 480, 79-82.	13.7	464
35	Uniformly mantle-like Å¹8O in zircons from oceanic plagiogranites and gabbros. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 13-33.	1.2	116
36	Zircon-scale insights into the history of a Supervolcano, Bishop Tuff, Long Valley, California, with implications for the Ti-in-zircon geothermometer. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 293-311.	1.2	130

#	ARTICLE	IF	CITATIONS
37	Ti in zircon from the Bogy Plain zoned pluton: implications for zircon petrology and Hadean tectonics. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 447-461.	1.2	33
38	U–Pb isotopic ages and Hf isotope composition of zircons in Variscan gabbros from central Spain: evidence of variable crustal contamination. <i>Mineralogy and Petrology</i> , 2011, 101, 151-167.	0.4	21
39	Zircon from historic eruptions in Iceland: reconstructing storage and evolution of silicic magmas. <i>Mineralogy and Petrology</i> , 2011, 102, 135-161.	0.4	57
40	Syn-extensional plutonism and peak metamorphism in the Albion-Raft River-Grouse Creek metamorphic core complex. <i>Numerische Mathematik</i> , 2011, 311, 261-314.	0.7	22
41	Large-volume Rhyolite Genesis in Caldera Complexes of the Snake River Plain: Insights from the Kilgore Tuff of the Heise Volcanic Field, Idaho, with Comparison to Yellowstone and Bruneau Jarbidge Rhyolites. <i>Journal of Petrology</i> , 2011, 52, 857-890.	1.1	91
42	Multiple partial melting events in the Sulu UHP terrane: zircon U–Pb dating of granitic leucosomes within amphibolite and gneiss. <i>Journal of Metamorphic Geology</i> , 2012, 30, 887-906.	1.6	84
43	Geochemistry of zircons from ultrametamorphic granitoids in junction zone of Aldan Shield and Dzhugdzhur-Stanovoi Fold Region. <i>Geology of Ore Deposits</i> , 2012, 54, 516-530.	0.2	4
44	An integrated zircon geochronological and geochemical investigation into the Miocene plutonic evolution of the Cyclades, Aegean Sea, Greece: part 2—geochemistry. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 915-933.	1.2	27
45	Relative retention of trace element and oxygen isotope ratios in zircon from Archean rhyolite, Panorama Formation, North Pole Dome, Pilbara Craton, Western Australia. <i>Chemical Geology</i> , 2012, 332-333, 102-115.	1.4	11
46	Zircon Trace Element and Hf Isotope Analyses of Mineralized Intrusions from El Teniente Ore Deposit, Chilean Andes: Constraints on the Source and Magmatic Evolution of Porphyry Cu–Mo Related Magmas. <i>Journal of Petrology</i> , 2012, 53, 1091-1122.	1.1	97
47	Geochemical signatures and magmatic stability of terrestrial impact produced zircon. <i>Earth and Planetary Science Letters</i> , 2012, 321-322, 20-31.	1.8	53
48	An experimental study of trace element partitioning between zircon and melt as a function of oxygen fugacity. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 95, 196-212.	1.6	244
49	U-Pb age and geochemistry of zircon from mantle xenoliths of the Katoka and Kat-115 kimberlitic pipes (Republic of Angola). <i>Doklady Earth Sciences</i> , 2012, 445, 840-844.	0.2	8
50	The cooling history and the depth of detachment faulting at the Atlantis Massif oceanic core complex. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	22
51	Assessing the sediment factory: The role of single grain analysis. <i>Earth-Science Reviews</i> , 2012, 115, 97-120.	4.0	173
52	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
53	Mineralogy, petrology, U-Pb geochronology, and geologic evolution of the Dabie-Sulu classic ultrahigh-pressure metamorphic terrane, East-Central China. <i>American Mineralogist</i> , 2012, 97, 1533-1543.	0.9	31
55	Oligocene–Miocene backthrusting in southern Mexico linked to the rapid subduction erosion of a large forearc block. <i>Tectonics</i> , 2012, 31, .	1.3	29

#	ARTICLE	IF	CITATIONS
56	O-Hf isotope constraints on the origin of zircon in high-pressure mafic blocks and associated matrix rocks from Tinos and Syros, Greece. <i>European Journal of Mineralogy</i> , 2012, 24, 277-287.	0.4	36
57	Li isotopes and trace elements as a petrogenetic tracer in zircon: insights from Archean TTGs and sanukitoids. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 745-768.	1.2	78
58	Evolution of silicic magmas in the Kos-Nisyros volcanic center, Greece: a petrological cycle associated with caldera collapse. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 151-166.	1.2	84
59	Insights into the Hadean Earth from experimental studies of zircon. <i>Journal of the Geological Society of India</i> , 2013, 81, 605-636.	0.5	11
60	Crystal reaming during the assembly, maturation, and waning of an eleven-million-year crustal magma cycle: thermobarometry of the Aucanquilcha Volcanic Cluster. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 663-682.	1.2	43
61	Trace-element study and age dating of zircon from chromitites of the Bushveld Complex (South Africa). <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 663-682.	0.4	27
62	SHRIMP U-Pb Zircon Triassic Intrusion Age of the Finero Mafic Complex (Ivrea-Verbano Zone, Western Alps). <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 663-682.	1.1	70
63	Zircon trace element geochemical constraints on the evolution of the Ediacaran (600-614 Ma) post-collisional Dokhan Volcanics and Younger Granites of SE Sinai, NE Arabian-Nubian Shield. <i>Chemical Geology</i> , 2013, 360-361, 54-73.	1.4	66
64	Anatomy of garnets in a Jurassic granite from the south-eastern margin of the North China Craton: Magma sources and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2013, 78, 198-221.	1.0	25
65	Zircon saturation re-revisited. <i>Chemical Geology</i> , 2013, 351, 324-334.	1.4	822
66	Zircon in gabbroids from the axial zone of the Mid-Atlantic ridge, Markov Deep, 6° N: Correlation of geochemical features with petrogenetic processes. <i>Petrology</i> , 2013, 21, 1-15.	0.2	27
67	Post-Hadean transitions in Jack Hills zircon provenance: A signal of the Late Heavy Bombardment?. <i>Earth and Planetary Science Letters</i> , 2013, 364, 1-11.	1.8	44
68	A century of U-Pb geochronology: The long quest towards concordance. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 33-47.	1.6	113
69	An experimental study of Ti and Zr partitioning among zircon, rutile, and granitic melt. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 235-253.	1.2	21
70	Origin of early Triassic rift-related alkaline basalts from Southwest China: age, isotope, and trace-element constraints. <i>International Geology Review</i> , 2013, 55, 1162-1178.	1.1	5
71	Duration of high-pressure metamorphism and cooling during the intraplate Petermann Orogeny. <i>Gondwana Research</i> , 2013, 24, 969-983.	3.0	25
72	Intrusive history and petrogenesis of the Ash Mountain Complex, Sierra Nevada batholith, California (USA). <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 235-253.		8
73	Potential Mesozoic reference zircon from the Nazuki plutonic complex: geochronological and geochemical characterization. <i>Island Arc</i> , 2013, 22, 292-305.	0.5	34

#	ARTICLE	IF	CITATIONS
74	Influence of radiation damage on Late Jurassic zircon from southern China: Evidence from in situ measurements of oxygen isotopes, laser Raman, U–Pb ages, and trace elements. <i>Chemical Geology</i> , 2014, 389, 122-136.	1.4	94
75	Chemical abrasion of zircon and ilmenite megacrysts in the Monastery kimberlite: Implications for the composition of kimberlite melts. <i>Chemical Geology</i> , 2014, 383, 76-85.	1.4	42
76	Ti-in-zircon thermometry and crystallization modeling support hot Grenville granite hypothesis. <i>Geology</i> , 2014, 42, 267-270.	2.0	31
77	U–Th–Pb Geochronology. , 2014, , 341-378.		134
78	Growth and Differentiation of the Continental Crust from Isotope Studies of Accessory Minerals. , 2014, , 379-421.		18
79	Zircon oxygen isotopic constraints from plutonic rocks on the magmatic and crustal evolution of the northern Appalachians in southern New England, USA. <i>Canadian Journal of Earth Sciences</i> , 2014, 51, 485-499.	0.6	6
80	Discovery of mafic impact melt in the center of the Vredefort dome: Archetype for continental residua of early Earth cratering?. <i>Geology</i> , 2014, 42, 403-406.	2.0	7
81	Rapid magma evolution constrained by zircon petrochronology and ⁴⁰ Ar/ ³⁹ Ar sanidine ages for the Huckleberry Ridge Tuff, Yellowstone, USA. <i>Geology</i> , 2014, 42, 643-646.	2.0	68
82	A relatively reduced Hadean continental crust and implications for the early atmosphere and crustal rheology. <i>Earth and Planetary Science Letters</i> , 2014, 393, 210-219.	1.8	71
83	Copper–zinc albite porphyry in the Hersai porphyry copper deposit, East Junggar, China: A transition between late magmatic and hydrothermal porphyry copper deposit. <i>Ore Geology Reviews</i> , 2014, 61, 141-156.	1.1	10
84	Origin and evolution of granitoids associated with the Kadiri greenstone belt, eastern Dharwar craton: A history of orogenic to anorogenic magmatism. <i>Precambrian Research</i> , 2014, 246, 64-90.	1.2	60
85	Correlated ¹⁸ O and [Ti] in lunar zircons: a terrestrial perspective for magma temperatures and water content on the Moon. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	22
86	Zircon morphology, geochronology and trace element geochemistry of the granites from the Huangshaping polymetallic deposit, South China: Implications for the magmatic evolution and mineralization processes. <i>Ore Geology Reviews</i> , 2014, 60, 14-35.	1.1	114
87	Zircon petrochronology reveals the temporal link between porphyry systems and the magmatic evolution of their hidden plutonic roots (the Eocene Corocchohuayco deposit, Peru). <i>Lithos</i> , 2014, 198-199, 129-140.	0.6	115
88	The oldest zircons of Africa—Their U–Pb–Hf–O isotope and trace element systematics, and implications for Hadean to Archean crust–mantle evolution. <i>Precambrian Research</i> , 2014, 241, 203-230.	1.2	83
89	The role of detrital zircons in Hadean crustal research. <i>Lithos</i> , 2014, 190-191, 313-327.	0.6	51
90	Iceland is not a magmatic analog for the Hadean: Evidence from the zircon record. <i>Earth and Planetary Science Letters</i> , 2014, 405, 85-97.	1.8	101
91	Zircon growth in (U)HP quartzo-feldspathic host gneisses exhumed in the Woodlark Rift of Papua New Guinea. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 1258-1282.	1.0	14

#	ARTICLE	IF	CITATIONS
92	New Perspectives on the Bishop Tuff from Zircon Textures, Ages and Trace Elements. <i>Journal of Petrology</i> , 2014, 55, 395-426.	1.1	96
93	Differential exhumation and cooling history of North Qaidam UHP metamorphic rocks, NW China: Constraints from zircon and rutile thermometry and U-Pb geochronology. <i>Lithos</i> , 2014, 205, 15-27.	0.6	34
94	Petrology, geochemistry and geochronology of the magmatic suite from the Jianzha Complex, central China: Petrogenesis and geodynamic implications. <i>Journal of Asian Earth Sciences</i> , 2014, 95, 164-181.	1.0	37
95	Eoarchean crustal evolution of the Jack Hills zircon source and loss of Hadean crust. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 146, 27-42.	1.6	59
96	Zircon evidence for a ~200 kyr supereruption-related thermal flare-up in the Miocene southern Black Mountains, western Arizona, USA. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	18
97	Sub-micron-scale trace-element distributions in natural zircons of known provenance: implications for Ti-in-zircon thermometry. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	37
98	Accessory Mineral Chemistry of High Ba-Sr Granites from Northern Scotland: Constraints on Petrogenesis and Records of Whole-rock Signature. <i>Journal of Petrology</i> , 2014, 55, 1619-1651.	1.1	87
99	Temporal evolution and compositional signatures of two supervolcanic systems recorded in zircons from Mangakino volcanic centre, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	32
100	Zircon Geochronology and Trace Element Geochemistry from the Xiaozhen Copper Deposit, North Daba Mountain: Constraints on Albitites Petrogenesis. <i>Acta Geologica Sinica</i> , 2014, 88, 113-127.	0.8	7
101	Hafnium isotopic heterogeneity in zircons from granitic rocks: Geochemical evaluation and modeling of zircon effect in crustal anatexis. <i>Earth and Planetary Science Letters</i> , 2014, 389, 188-199.	1.8	200
102	The Origin and Earliest History of the Earth. , 2014, , 149-211.		12
103	Zircon U-Pb ages and Hf isotopic analyses of migmatite from the paired metamorphic belt in Chinese SW Tianshan: Constraints on partial melting associated with orogeny. <i>Lithos</i> , 2014, 192-195, 158-179.	0.6	38
104	Zircon captures exhumation of an ultrahigh-pressure terrane, North-East Greenland Caledonides. <i>Gondwana Research</i> , 2014, 25, 235-256.	3.0	46
105	Geochronology, geochemistry and metallogenic implications of the Boziguo'er rare metal-bearing peralkaline granitic intrusion in South Tianshan, NW China. <i>Ore Geology Reviews</i> , 2014, 61, 157-174.	1.1	51
106	Detrital Zircon U-Pb Geochronology Applied to Tectonics. <i>Annual Review of Earth and Planetary Sciences</i> , 2014, 42, 127-149.	4.6	565
107	Reconciling early impacts and the rise of life. <i>Geology</i> , 2014, 42, 463-464.	2.0	2
108	Is there a time lag between the metamorphism and emplacement of plutons in the Axial Zone of the Pyrenees?. <i>Geological Magazine</i> , 2015, 152, 935-941.	0.9	15
109	U-Pb dating of interspersed gabbroic magmatism and hydrothermal metamorphism during lower crustal accretion, Vema lithospheric section, Mid-Atlantic Ridge. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 2093-2118.	1.4	11

#	ARTICLE	IF	CITATIONS
111	Zircon from charnockite gneiss, charnockite, and leucosome of migmatite in the Nimnyr Block of the Aldan Shield. <i>Geology of Ore Deposits</i> , 2015, 57, 552-569.	0.2	1
112	The petrology, geochronology and significance of Granite Harbour Intrusive Complex xenoliths and outcrop sampled in western McMurdo Sound, Southern Victoria Land, Antarctica. <i>New Zealand Journal of Geology, and Geophysics</i> , 2015, 58, 33-51.	1.0	16
113	Nano- and micro-geochronology in Hadean and Archean zircons by atom-probe tomography and SIMS: New tools for old minerals. <i>American Mineralogist</i> , 2015, 100, 1355-1377.	0.9	109
114	Magmatic sequences in the Halasu Cu Belt, NW China: Trigger for the Paleozoic porphyry Cu mineralization in the Chinese Altay "East Junggar. <i>Ore Geology Reviews</i> , 2015, 71, 373-404.	1.1	39
115	New LA-ICP-MS U-Pb zircon dating for Strandja granitoids (SE Bulgaria): evidence for two-stage late Variscan magmatism in the internal Balkanides. <i>Turkish Journal of Earth Sciences</i> , 2015, 24, 230-248.	0.4	18
116	Diversity in early crustal evolution: 4100±...Ma zircons in the Cathaysia Block of southern China. <i>Scientific Reports</i> , 2014, 4, 5143.	1.6	42
117	On ultrahigh temperature crustal metamorphism: Phase equilibria, trace element thermometry, bulk composition, heat sources, timescales and tectonic settings. <i>Geoscience Frontiers</i> , 2015, 6, 311-356.	4.3	335
118	Redox evolution of silicic magmas: Insights from XANES measurements of Ce valence in Bishop Tuff zircons. <i>Chemical Geology</i> , 2015, 402, 77-88.	1.4	33
119	Timing and conditions of metamorphism and melt crystallization in Greater Himalayan rocks, eastern and central Bhutan: insight from U-Pb zircon and monazite geochronology and trace-element analyses. <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	1.2	24
120	Monazite, zircon, and garnet growth in migmatitic pelites as a record of metamorphism and partial melting in the East Humboldt Range, Nevada. <i>American Mineralogist</i> , 2015, 100, 951-972.	0.9	36
121	Oxidation Condition and Metal Fertility of Granitic Magmas: Zircon Trace-Element Data from Porphyry Cu Deposits in the Central Asian Orogenic Belt. <i>Economic Geology</i> , 2015, 110, 1861-1878.	1.8	199
122	Linking the thermal evolution and emplacement history of an upper-crustal pluton to its lower-crustal roots using zircon geochronology and geochemistry (southern Adamello batholith, N.) <i>Tj ETQq1 1 0.784314 rg3E/Overl</i>		
123	Discovery of Hadean "Mesoarchean crustal materials in the northern Sibumasu block and its significance for Gondwana reconstruction. <i>Precambrian Research</i> , 2015, 271, 118-137.	1.2	25
124	Provenance and metamorphic PT conditions of Cryogenian "Ediacaran metasediments from the Kid metamorphic complex, Sinai, NE Arabian "Nubian Shield: Insights from detrital zircon geochemistry and mineral chemistry. <i>Tectonophysics</i> , 2015, 665, 199-217.	0.9	7
125	Potentially biogenic carbon preserved in a 4.1 billion-year-old zircon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14518-14521.	3.3	345
126	Zircon Th/U ratios in magmatic environs. <i>Lithos</i> , 2015, 212-215, 397-414.	0.6	356
127	The zircon archive of continent formation through time. <i>Geological Society Special Publication</i> , 2015, 389, 197-225.	0.8	161
128	Timing of global crustal metamorphism on Vesta as revealed by high-precision U-Pb dating and trace element chemistry of eucrite zircon. <i>Earth and Planetary Science Letters</i> , 2015, 409, 182-192.	1.8	39

#	ARTICLE	IF	CITATIONS
129	Uâ€“Pb zircon geochronology, geochemical and Srâ€“Ndâ€“Hf isotopic compositions of the Early Indosinian Tongren Pluton in West Qinling: Petrogenesis and geodynamic implications. <i>Journal of Asian Earth Sciences</i> , 2015, 97, 38-50.	1.0	74
130	Early Neoproterozoic granitic gneisses in the Chinese Eastern Tianshan: Petrogenesis and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 339-352.	1.0	55
131	Zircon growth in a granitic pluton with specific mechanisms, crystallization temperatures and Uâ€“Pb ages: Implication to the â€“spatiotemporalâ€™ formation process of the Toki granite, central Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2016, 111, 9-34.	0.4	21
132	Differentiated impact melt sheets may be a potential source of Hadean detrital zircon. <i>Geology</i> , 2016, 44, 435-438.	2.0	33
133	Zircon Uâ€“Pb dating, geochemical and Srâ€“Ndâ€“Hf isotopic characteristics of the Jintonghu monzonitic rocks in western Fujian Province, South China: Implication for Cretaceous crustâ€“mantle interactions and lithospheric extension. <i>Lithos</i> , 2016, 260, 413-428.	0.6	30
134	Zircon geochemistry of two contrasting types of eclogite: Implications for the tectonic evolution of the North Qaidam UHPM belt, northern Tibet. <i>Gondwana Research</i> , 2016, 35, 27-39.	3.0	49
135	Magmatic oxygen fugacity estimated using zircon-melt partitioning of cerium. <i>Earth and Planetary Science Letters</i> , 2016, 453, 260-266.	1.8	181
136	Trace element features of hydrothermal and inherited igneous zircon grains in mantle wedge environment: A case study from the Myanmar jadeite. <i>Lithos</i> , 2016, 266-267, 16-27.	0.6	17
137	Oxygen isotope and trace element geochemistry of zircons from porphyry copper system: Implications for Late Triassic metallogenesis within the Yidun Terrane, southeastern Tibetan Plateau. <i>Chemical Geology</i> , 2016, 441, 148-161.	1.4	35
138	Petrogenesis and tectonic implications of Permian post-collisional granitoids in the Chinese southwestern Tianshan, NW China. <i>Journal of Asian Earth Sciences</i> , 2016, 130, 60-74.	1.0	9
139	Granulite facies metamorphism and crust melting in the Huaiâ€™an terrane at \sim 1.95Ga, North China Craton: New constraints from geology, zircon Uâ€“Pb, Luâ€“Hf isotope and metamorphic conditions of granulites. <i>Precambrian Research</i> , 2016, 286, 126-151.	1.2	40
140	Age and compositional data of zircon from sepiolite drilling mud to identify contamination of ocean drilling samples. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3512-3526.	1.0	13
141	From the Hadean to the Himalaya: 4.4 Ga of felsic terrestrial magmatism. <i>American Mineralogist</i> , 2016, 101, 1348-1359.	0.9	23
142	Preservation of primary mineral inclusions and secondary mineralization in igneous zircon: a case study in orthogneiss from the Blue Ridge, Virginia. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	12
143	History of the West African Neoproterozoic Ocean: Key to the geotectonic history of circum-Atlantic Peri-Gondwana (Adrar Souttoug Massif, Moroccan Sahara). <i>Gondwana Research</i> , 2016, 29, 220-233.	3.0	43
144	Application of the revised Ti-in-zircon thermometer and SIMS zircon U-Pb dating of high-pressure pelitic granulites from the Qianlishan-Helanshan Complex of the Khondalite Belt, North China Craton. <i>Precambrian Research</i> , 2016, 276, 1-13.	1.2	37
145	Phosphorus-controlled trace element distribution in zircon revealed by NanoSIMS. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	20
146	Water-fluxed crustal melting produces Cordilleran batholiths. <i>Geology</i> , 2016, 44, 143-146.	2.0	170

#	ARTICLE	IF	CITATIONS
147	Coordinated U–Pb geochronology, trace element, Ti-in-zircon thermometry and microstructural analysis of Apollo zircons. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 202, 264-284.	1.6	53
148	Cogenetic origin of mafic microgranular enclaves in calc-alkaline granitoids: The Permian plutons in the northern North China Block., 2017, 13, 482-517.		30
149	Geology, Geochronology, and Geochemistry of the Dahongshan Fe-Cu-(Au-Ag) Deposit, Southwest China: Implications for the Formation of Iron Oxide Copper-Gold Deposits in Intracratonic Rift Settings. <i>Economic Geology</i> , 2017, 112, 603-628.	1.8	39
150	Prograde and near-peak zircon growth in a migmatitic pelitic schist of the southeastern Canadian Cordillera. <i>Lithos</i> , 2017, 282-283, 65-81.	0.6	13
151	Geochemistry of zircons from basic rocks of the Korosten anorthosite-mangerite-charnockite-granite complex, north-western region of the Ukrainian Shield. <i>Mineralogy and Petrology</i> , 2017, 111, 459-466.	0.4	6
152	Petrochronology of Zircon and Baddeleyite in Igneous Rocks: Reconstructing Magmatic Processes at High Temporal Resolution. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 297-328.	2.2	72
153	Hadean Zircon Petrochronology. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 329-363.	2.2	58
154	Assessing the isotopic evolution of S-type granites of the Carlos Chagas Batholith, SE Brazil: Clues from U–Pb, Hf isotopes, Ti geothermometry and trace element composition of zircon. <i>Lithos</i> , 2017, 284-285, 730-750.	0.6	33
155	Hydrothermal modification of zircon geochemistry and Lu–Hf isotopes from the Hongtoushan Cu–Zn deposit, China. <i>Ore Geology Reviews</i> , 2017, 86, 707-718.	1.1	14
156	Oxygen isotope trajectories of crystallizing melts: Insights from modeling and the plutonic record. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 207, 154-184.	1.6	50
157	Tracking the evolution of Late Mesozoic arc-related magmatic systems in Hong Kong using in-situ U-Pb dating and trace element analyses in zircon. <i>American Mineralogist</i> , 2017, 102, 2190-2219.	0.9	4
158	Zircon U–Pb and Hf–O isotopes trace the architecture of polymetallic deposits: A case study of the Jurassic ore-forming porphyries in the Qin–Hang metallogenic belt, China. <i>Lithos</i> , 2017, 292-293, 132-145.	0.6	30
159	New zircon (U-Th)/He and U/Pb eruption age for the Rockland tephra, western USA. <i>Quaternary Science Reviews</i> , 2017, 172, 109-117.	1.4	18
160	Granitoid zircon forms the nucleus for minerals precipitated by carbonatite-derived metasomatic fluids at Chilwa Island, Malawi. <i>Gondwana Research</i> , 2017, 51, 64-77.	3.0	5
161	Cretaceous high-pressure metamorphism and low pressure overprint in the Sistan Suture Zone, eastern Iran: Additional temperature estimates for eclogites, geological significance of U-Pb zircon ages and Rb-Sr constraints on the timing of exhumation. <i>Journal of Asian Earth Sciences</i> , 2017, 147, 332-344.	1.0	13
162	Zircon in amphibolites from Naxos, Aegean Sea, Greece: origin, significance and tectonic setting. <i>Journal of Metamorphic Geology</i> , 2017, 35, 413-434.	1.6	30
164	Reconnaissance geochemical survey in the Marahiq area, Wadi Allaqi region, south Egypt: a preliminary assessment of stream sediments for gold placer and environmental hazard. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	4
165	Trace-element compositions of sapphire and ruby from the eastern Australian gemstone belt. <i>Mineralogical Magazine</i> , 2017, 81, 1551-1576.	0.6	8

#	ARTICLE	IF	CITATIONS
167	Isotopic-Geochemical Features of Zircon and Its Significance for Reconstructing the Geological History of Paleoproterozoic Granulites in the Ukrainian Shield. <i>Geology of Ore Deposits</i> , 2017, 59, 663-676.	0.2	2
168	Zircon: The Metamorphic Mineral. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 83, 261-295.	2.2	503
169	Zircon age-temperature-compositional spectra in plutonic rocks. <i>Geology</i> , 2017, 45, 983-986.	2.0	40
170	Rapid oxygen diffusion during high temperature alteration of zircon. <i>Scientific Reports</i> , 2018, 8, 3661.	1.6	8
171	Physicochemical Control of the Early Permian Xiangshan Fe-Ti Oxide Deposit in Eastern Tianshan (Xinjiang), NW China. <i>Journal of Earth Science (Wuhan, China)</i> , 2018, 29, 520-536.	1.1	11
172	Early Neoproterozoic A-type granitic magmatism by crustal reworking in Singhbhum craton: Evidence from Pala Lahara area, Orissa. <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	29
173	Apatite and zircon geochemistry of Jurassic porphyries in the Xiongcuo district, southern Gangdese porphyry copper belt: Implications for petrogenesis and mineralization. <i>Ore Geology Reviews</i> , 2018, 96, 98-114.	1.1	57
174	Mineral chemistry and Ti in zircon thermometry: Insights into magmatic evolution of the Sangam igneous rocks, NE Iran. <i>Chemie Der Erde</i> , 2018, 78, 205-214.	0.8	8
175	Tectonic stress regime recorded by zircon Th/U. <i>Gondwana Research</i> , 2018, 57, 1-9.	3.0	39
176	Isotope-dilution anchoring of zircon reference materials for accurate Ti-in-zircon thermometry. <i>Chemical Geology</i> , 2018, 481, 146-154.	1.4	34
177	U-Pb zircon dating, geochemistry and Sr-Nd-Pb isotopic ratios from Azna-Dorud Cadomian metagranites, Sanandaj-Sirjan Zone of western Iran. <i>Precambrian Research</i> , 2018, 306, 41-60.	1.2	39
178	Zircon trace element and isotopic (Sr, Nd, Hf, Pb) effects of assimilation-fractional crystallization of pegmatite magma: A case study of the Guangshigou biotite pegmatites from the North Qinling Orogen, central China. <i>Lithos</i> , 2018, 302-303, 20-36.	0.6	17
179	Neoproterozoic tectonic transition in the South Qinling Belt: New constraints from geochemistry and zircon U-Pb-Hf isotopes of diorites from the Douling Complex. <i>Precambrian Research</i> , 2018, 306, 112-128.	1.2	28
180	Rapid formation of eclogites during a nearly closed ocean: Revisiting the Pianshishan eclogite in Qiangtang, central Tibetan Plateau. <i>Chemical Geology</i> , 2018, 477, 112-122.	1.4	53
181	New evidence for an old idea: Geochronological constraints for a paired metamorphic belt in the central European Variscides. <i>Lithos</i> , 2018, 302-303, 278-297.	0.6	12
182	The genesis of the Hashitu porphyry molybdenum deposit, Inner Mongolia, NE China: constraints from mineralogical, fluid inclusion, and multiple isotope (H, O, S, Mo, Pb) studies. <i>Mineralium Deposita</i> , 2018, 53, 377-397.	1.7	41
183	Metasomatized asthenospheric mantle contributing to the generation of Cu-Mo deposits within an intracontinental setting: A case study of the ~128 Ma Wangjiazhuang Cu-Mo deposit, eastern North China Craton. <i>Journal of Asian Earth Sciences</i> , 2018, 160, 460-489.	1.0	36
184	Use and abuse of zircon-based thermometers: A critical review and a recommended approach to identify antecrystic zircons. <i>Earth-Science Reviews</i> , 2018, 176, 87-116.	4.0	153

#	ARTICLE	IF	CITATIONS
185	40Ar/39Ar ages and zircon petrochronology for the rear arc of the Izu-Bonin-Marianas intra-oceanic subduction zone. <i>International Geology Review</i> , 2018, 60, 956-976.	1.1	18
186	Modeling of trace elemental zoning patterns in accessory minerals with emphasis on the origin of micrometer-scale oscillatory zoning in zircon. <i>American Mineralogist</i> , 2018, 103, 355-368.	0.9	25
187	Archaean hydrothermal fluid modified zircons at Sunrise Dam and Kanowna Belle gold deposits, Western Australia: Implications for post-magmatic fluid activity and ore genesis. <i>American Mineralogist</i> , 2018, 103, 1891-1905.	0.9	13
188	Reevaluating Fluid Sources During Skarn Formation: An Assessment of the Empire Mountain Skarn, Sierra Nevada, USA. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3657-3672.	1.0	5
189	Zircon Xenocrysts from Cenozoic Alkaline Basalts of the Ratanakiri Volcanic Province (Cambodia), Southeast Asia—Trace Element Geochemistry, O-Hf Isotopic Composition, U-Pb and (U-Th)/He Geochronology—Revelations into the Underlying Lithospheric Mantle. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 556.	0.8	14
190	A tonalitic analogue to ancient detrital zircon. <i>Chemical Geology</i> , 2018, 499, 43-57.	1.4	4
191	Trace Element and U—Pb Core Age for Zircons from Western Meiganga Gold Placer, Cameroon: Their Genesis and Archean-Proterozoic Sources. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 194.	0.8	8
192	Age and petrogenesis of the Andagul granodiorite and its implications on gold mineralization of the Kassan region, western Kyrgyzstan Tian Shan. <i>Ore Geology Reviews</i> , 2018, 101, 54-73.	1.1	4
193	Dating Metasomatism: Monazite and Zircon Growth during Amphibolite Facies Albitization. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 187.	0.8	6
194	Zircon. , 2018, , .		0
195	Secondary fluorescence effects in microbeam analysis and their impacts on geospeedometry and geothermometry. <i>Chemical Geology</i> , 2018, 490, 22-29.	1.4	25
196	The Cretaceous Huangdaoshan Cu-bearing intrusion in Chuzhou: Petrogenesis and implications for the Cu mineralization in the Middle—Lower Yangtze River Valley Metallogenic Belt, eastern China. <i>Ore Geology Reviews</i> , 2018, 101, 900-918.	1.1	6
197	Age and tectonic significance of the Louth Volcanics: implications for the evolution of the Tasmanides of eastern Australia. <i>Australian Journal of Earth Sciences</i> , 2018, 65, 1049-1069.	0.4	5
198	Timing and span of the continental crustal growth in SE Pakistan: Evidence from LA-ICP-MS U—Pb zircon ages from granites of the Nagar Parkar Igneous Complex. <i>Gondwana Research</i> , 2018, 61, 172-186.	3.0	11
199	Inherited, enriched, heated, or recycled? Examining potential causes of Earth's most zircon fertile magmatic episode. <i>Lithos</i> , 2018, 314-315, 350-359.	0.6	13
200	The Late Jurassic magmatic protoliths of the Mikabu greenstones in SW Japan: A fragment of an oceanic plateau in the Paleo-Pacific Ocean. <i>Journal of Asian Earth Sciences</i> , 2019, 169, 228-236.	1.0	20
201	Insights into orogenic processes from drab schists and minor intrusions: Southern São Francisco Craton, Brazil. <i>Lithos</i> , 2019, 346-347, 105146.	0.6	4
202	Halogens in serpentinites from the Isua supracrustal belt, Greenland: An Eoarchean seawater signature and biomass proxy?. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 262, 31-59.	1.6	14

#	ARTICLE	IF	CITATIONS
203	The pace of crustal-scale magma accretion and differentiation beneath silicic caldera volcanoes. <i>Geology</i> , 2019, 47, 719-723.	2.0	57
204	Petrogenesis of the Neoproterozoic granitoids and crustal oxidation states in the Western Shandong Province, North China Craton. <i>Precambrian Research</i> , 2019, 334, 105446.	1.2	7
205	Building the core of a Paleoproterozoic continent: Evidence from granitoids of Singhbhum Craton, eastern India. <i>Precambrian Research</i> , 2019, 335, 105436.	1.2	34
206	Late Paleoproterozoic granulite-facies metamorphism in the North Altyn Tagh area, southeastern Tarim craton: Pressure-temperature paths, zircon U-Pb ages, and tectonic implications. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1591-1606.	1.6	23
207	Fractionation of Rare Earth Elements in Greisen and Hydrothermal Veins Related to A-Type Magmatism. <i>Geofluids</i> , 2019, 2019, 1-20.	0.3	16
208	Redox-controlled generation of the giant porphyry Cu-Au deposit at Pulang, southwest China. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	37
209	Terrestrial-like zircon in a clast from an Apollo 14 breccia. <i>Earth and Planetary Science Letters</i> , 2019, 510, 173-185.	1.8	56
210	Application of Ti-in-zircon thermometry to granite studies: problems and possible solutions. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 51.	1.2	110
211	Characterization of crustal xenoliths from the Bearpaw Mountains, Montana (USA), using U-Pb geochronology, whole-rock geochemistry and thermobarometry, with implications for lower crustal processes and evolution of the Wyoming Craton. <i>Chemical Geology</i> , 2019, 524, 295-322.	1.4	14
212	Exploiting individual U-Pb zircon ages and Ti-in-zircon crystallization temperature data to identify high zircon-production events in the Xolapa terrane. <i>Data in Brief</i> , 2019, 24, 103933.	0.5	3
213	The Proto-Zagros Foreland Basin in Lorestan, Western Iran: Insights From Multiminerall Detrital Geochronometric and Trace Elemental Provenance Analysis. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2657-2680.	1.0	14
214	The geodynamic setting of Dulan eclogite-type rutile deposits in the North Qaidam orogen, western China. <i>Ore Geology Reviews</i> , 2019, 110, 102936.	1.1	14
215	A record of ultrahigh temperature metamorphism in the Dabie orogen during Triassic continental collision. <i>Gondwana Research</i> , 2019, 72, 54-64.	3.0	6
216	Low- $\delta^{18}\text{O}$ zircon xenocrysts in alkaline basalts; a window into the complex carbonatite-metasomatic history of the Zealandia lithospheric mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 254, 21-39.	1.6	16
217	Contrasting whole-rock and mineral compositions of ore-bearing (Tongchang) and ore-barren (Shilicun) granitic plutons in SW China: Implications for petrogenesis and ore genesis. <i>Lithos</i> , 2019, 336-337, 54-66.	0.6	21
218	Generation of high-Mg diorites and associated iron mineralization within an intracontinental setting: Insights from ore-barren and ore-bearing intrusions in the eastern North China Craton. <i>Gondwana Research</i> , 2019, 72, 97-119.	3.0	10
219	Composition and Structure of Zircon from Harzburgite Inclusion Hosted in Granulites of the Bug Complex, Ukrainian Shield. <i>Geology of Ore Deposits</i> , 2019, 61, 722-735.	0.2	1
220	The validity of Ti-in-zircon thermometry in low temperature eclogites. <i>Geological Society Special Publication</i> , 2019, 474, 69-87.	0.8	3

#	ARTICLE	IF	CITATIONS
221	Melt Impregnation of Mantle Peridotite Facilitates High-Temperature Hydration and Mechanical Weakening: Implications for Oceanic Detachment Faults. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 84-108.	1.0	6
222	The Oldest Terrestrial Mineral Record. , 2019, , 255-278.		8
223	Geochemistry, geochronology and Sr ⁸⁷ -Nd ¹⁴³ -Hf isotopes of two types of Early Cretaceous granite porphyry dykes in the Sulu orogenic belt, eastern China. <i>Canadian Journal of Earth Sciences</i> , 2020, 57, 249-266.	0.6	26
224	Petrogenesis of Late Triassic high-Mg diorites and associated granitoids with implications for Paleo-Tethys evolution in the northeast Tibetan Plateau. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 955-976.	1.6	11
225	Italian ryegrass ² -rice rotation system for biomass production and cadmium removal from contaminated paddy fields. <i>Journal of Soils and Sediments</i> , 2020, 20, 874-882.	1.5	8
226	The geologic interpretation of the detrital thermochronology record within a stratigraphic framework, with examples from the European Alps, Taiwan and the Himalayas. <i>Earth-Science Reviews</i> , 2020, 201, 103074.	4.0	33
227	SAO1 ²³⁸ U- ²³⁵ U A Proposed Zircon Reference Material for Microbeam U-Pb Age and Hf-O Isotopic Determination. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 103-123.	1.7	69
228	Petrological, geochemical and isotopic data of Neoproterozoic rock units from Uruguay and South Africa: Correlation of basement terranes across the South Atlantic. <i>Gondwana Research</i> , 2020, 80, 12-32.	3.0	16
229	Extensive magmatism and metamorphism at ca. 3.2 Ga in the eastern Kaapvaal Craton. <i>Precambrian Research</i> , 2020, 351, 105952.	1.2	9
230	A Novel Approach to Identifying Mantle-Equilibrated Zircon by Using Trace Element Chemistry. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009230.	1.0	5
231	Timing and origin of multi-stage magmatism and related W-Mo-Pb-Zn-Fe-Cu mineralization in the Huangshaping deposit, South China: An integrated zircon study. <i>Chemical Geology</i> , 2020, 552, 119782.	1.4	29
232	Reassessing zircon-monazite thermometry with thermodynamic modelling: insights from the Georgetown igneous complex, NE Australia. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	7
233	Generation and exhumation of granitoid intrusions in the Penjween ophiolite complex, NW Zagros of the Kurdistan region of Iraq: Implications for the geodynamic evolution of the Arabian-Eurasian collision zone. <i>Lithos</i> , 2020, 376-377, 105714.	0.6	6
234	Rutile solubility and TiO ₂ activity in silicate melts: An experimental study. <i>Chemical Geology</i> , 2020, 556, 119817.	1.4	9
235	Zircon melt inclusions in mafic and felsic rocks of the Bushveld Complex ²³⁸ U- ²³⁵ U Constraints for zircon crystallization temperatures and partition coefficients. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 289, 158-181.	1.6	16
236	Neoproterozoic extension and the Central Iapetus Magmatic Province in southern Mexico ²³⁸ U- ²³⁵ U New U-Pb ages, Hf-O isotopes and trace element data of zircon from the Chiapas Massif Complex. <i>Gondwana Research</i> , 2020, 88, 1-20.	3.0	15
237	Magmatic evolution of ediacaran alkali rhyolites from the Acampamento Velho volcanism in the Tupanci area, southern Brazil: A study based on mineral chemistry, LA-ICP-MS Ti-in-quartz and zircon saturation geothermometry. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102814.	0.6	2
238	Multiple rejuvenation episodes of a silicic magma reservoir at the origin of the large diatreme-dome complex and porphyry-type mineralization events at Cerro de Pasco (Peru). <i>Lithos</i> , 2020, 376-377, 105766.	0.6	10

#	ARTICLE	IF	CITATIONS
239	Porphyry indicator zircons (PIZs): Application to exploration of porphyry copper deposits. <i>Ore Geology Reviews</i> , 2020, 126, 103771.	1.1	23
241	Oxygen Fugacity and Volatile Content of Syntectonic Magmatism in the Neoproterozoic Abitibi Greenstone Belt, Superior Province, Canada. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 966.	0.8	5
242	Zircon formation in mafic and felsic rocks of the Bushveld Complex, South Africa: Constraints from composition, zoning, Th/U ratios, morphology, and modelling. <i>Chemical Geology</i> , 2020, 546, 119647.	1.4	14
243	Mechanism of Paleoproterozoic continental crust formation as archived in granitoids from northern part of Singhbhum Craton, eastern India. <i>Geological Society Special Publication</i> , 0, , SP489-2019-202.	0.8	7
244	Protracted Magmatism and Mineralized Hydrothermal Activity at the Gibraltar Porphyry Copper-Molybdenum Deposit, British Columbia. <i>Economic Geology</i> , 2020, 115, 1119-1136.	1.8	16
245	Key concepts in interpreting the concentrations of the rare earth elements in zircon. <i>Chemical Geology</i> , 2020, 551, 119765.	1.4	31
246	Hadean Earth. , 2020, , .		21
247	Zircons from a Pegmatite Cutting Eclogite (Gridino, Belomorian Mobile Belt): U-Pb-O and Trace Element Constraints on Eclogite Metamorphism and Fluid Activity. <i>Geosciences (Switzerland)</i> , 2020, 10, 197.	1.0	7
248	Hercynian anatexis in the envelope of the Beni Bousera peridotites (Alboran Domain, Morocco): Implications for the tectono-metamorphic evolution of the deep crustal roots of the Mediterranean region. <i>Gondwana Research</i> , 2020, 83, 157-182.	3.0	27
249	An andesitic source for Jack Hills zircon supports onset of plate tectonics in the Hadean. <i>Nature Communications</i> , 2020, 11, 1241.	5.8	83
250	Petrogenesis and tectonic significance of early Indosinian A-type granites in the Xinxing pluton, southern South China. <i>Mineralogy and Petrology</i> , 2020, 114, 217-242.	0.4	12
251	Decoupling between Ti-in-zircon and Zr-in-rutile thermometry during ultrahigh temperature metamorphism of the Dabie Orogen, China. <i>Geological Journal</i> , 2020, 55, 6442-6449.	0.6	2
252	Boron partitioning between zircon and melt: Insights into Hadean, modern arc, and pegmatitic settings. <i>Chemical Geology</i> , 2020, 551, 119763.	1.4	6
253	The origin of mafic microgranular enclaves in granitoids: Insights from in situ Sr isotope of plagioclases and Zr-Hf isotopes of zircons. <i>Chemical Geology</i> , 2020, 551, 119776.	1.4	24
254	Discovery of kyanite in typically cordierite/sillimanite-bearing low- to medium-pressure pelitic granulites from the Jiaobei terrain, North China Craton. <i>Precambrian Research</i> , 2020, 342, 105677.	1.2	17
255	Rare sapphire-bearing syenitoid pegmatites and associated granitoids of the Hamedan region, Sanandaj-Sirjan zone, Iran: analysis of petrology, lithogeochemistry and zircon geochronology / trace element geochemistry. <i>Geological Magazine</i> , 2020, 157, 1499-1525.	0.9	9
256	Testing emplacement models for the Rustenburg Layered Suite of the Bushveld Complex with numerical heat flow models and plagioclase geospeedometry. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116084.	1.8	17
257	Origin and evolution of uraniferous pegmatite: A case study from the Xiaohuacha granite pegmatite system and related country rocks in the Shangdan uranium mineralization district of North Qinling Orogenic Belt, China. <i>Lithos</i> , 2020, 356-357, 105379.	0.6	4

#	ARTICLE	IF	CITATIONS
258	Dating young zircon: A case study from Southeast Asian megacrysts. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 274, 1-19.	1.6	6
259	Simultaneous Magmatic and Hydrothermal Regimes in Altaï Little Cottonwood Stocks, Utah, USA, Recorded Using Multiphase U-Pb Petrochronology. <i>Geosciences (Switzerland)</i> , 2020, 10, 129.	1.0	7
260	The Paleoproterozoic Kandalaksha-Kolvitsa Gabbro-Anorthosite Complex (Fennoscandian Shield): New U-Pb, Sm-Nd, and Nd-Sr (ID-TIMS) Isotope Data on the Age of Formation, Metamorphism, and Geochemical Features of Zircon (LA-ICP-MS). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 254.	0.8	3
261	Geochronology and geochemistry of Neoproterozoic Hamamid metavolcanics hosting largest volcanogenic massive sulfide deposits in Eastern Desert of Egypt: Implications for petrogenesis and tectonic evolution. <i>Precambrian Research</i> , 2020, 344, 105751.	1.2	10
262	Genesis of the Lakang'e porphyry Mo (Cu) deposit, Tibet: Constraints from geochemistry, geochronology, Sr-Nd-Pb-Hf isotopes, zircon and apatite. <i>Lithos</i> , 2021, 380-381, 105834.	0.6	6
263	Hybrid phase equilibria modelling with conventional and trace element thermobarometry to assess the evolution of UHT granulites: An example from the Highland Complex, Sri Lanka. <i>Journal of Metamorphic Geology</i> , 2021, 39, 209-246.	1.6	7
264	Geochronological study of biotite aegirine-augite syenite in the Bengge area, Western Yunnan: An example of zircon U-Pb dating for alkalic rocks. <i>Geological Journal</i> , 2021, 56, 2963-2976.	0.6	0
265	Zircons: Age, Thermobarometry, and Source Inheritance. , 2021, , 220-232.		0
266	The Late Paleozoic extending and thinning processes of the Xing'an-Mongolia orogenic belt: Geochemical evidence from the plutons in Linxi area, Inner Mongolia. <i>Acta Petrologica Sinica</i> , 2021, 37, 2029-2050.	0.3	1
267	Zircon petrochronology in large igneous provinces reveals upper crustal contamination processes: new U-Pb ages, Hf and O isotopes, and trace elements from the Central Atlantic magmatic province (CAMP). <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	25
268	Heterogeneous Hadean crust with ambient mantle affinity recorded in detrital zircons of the Green Sandstone Bed, South Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	19
269	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
270	Geochronological and geochemical constraints on the origin of the Mesozoic granitoids in the Fanchang volcanic basin, the Middle-Lower Yangtze Metallogenic Belt. <i>Solid Earth Sciences</i> , 2021, 6, 178-204.	0.8	6
271	A petrochronology window into near-surface fluid/rock interaction within Archaean ultramafic-mafic crust: Insights from the 3.25 Ga Stolzberg Complex, Barberton Greenstone Belt. <i>Chemical Geology</i> , 2021, 569, 120130.	1.4	6
272	Oxygen isotope ratios in zircon and garnet: A record of assimilation and fractional crystallization in the Dinkey Dome peraluminous granite, Sierra Nevada, California. <i>American Mineralogist</i> , 2021, 106, 715-729.	0.9	2
273	Diversity of granitic rocks constrained by disequilibrium melting and subsequent incremental emplacement and differentiation. <i>Lithos</i> , 2021, , 106255.	0.6	4
274	Zircon Chemistry and Oxidation State of Magmas for the Duobaoshan-Tongshan Ore-Bearing Intrusions in the Northeastern Central Asian Orogenic Belt, NE China. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 503.	0.8	3
275	Metamorphic history and Neoproterozoic crustal growth of the central Trans-North China Orogen: Evidence from granulite- to amphibolite-facies rocks of the Hengshan complex. <i>Gondwana Research</i> , 2021, 93, 162-183.	3.0	7

#	ARTICLE	IF	CITATIONS
276	Genesis and age of Pb ²⁰⁶ /Zn mineralization from the Ningi-Burra ring complex, North Central Nigeria: Constraints from zircon morphology, U ²³⁸ /Pb dating and Lu ¹⁷⁶ /Hf isotopes. <i>Lithos</i> , 2021, 390-391, 106115.	0.6	6
277	Raman spectroscopy-based screening of zircon for reliable water content and oxygen isotope measurements. <i>American Mineralogist</i> , 2022, 107, 936-945.	0.9	5
278	Constraining crystallization conditions during the Cambro-Ordovician post-collisional magmatism at Araçuaia-belt (SE Brazil): Zircon as key petrologic witness. <i>Journal of South American Earth Sciences</i> , 2021, 108, 103235.	0.6	3
279	Trace element geochemistry of zircons from the Kahnouj ophiolite complex: implications for petrogenesis and geodynamic setting. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	4
280	New insights into the petrogenesis of the Puerto Vallarta Batholith, Mexico: Evidence from petrology, zircon petrochronology, and phase equilibrium modeling. <i>Journal of South American Earth Sciences</i> , 2021, 109, 103297.	0.6	2
281	Porphyry indicator zircons (PIZ) and geochronology of magmatic rocks from the Malmyzh and Pony Cu-Au porphyry ore fields (Russian Far East). <i>Ore Geology Reviews</i> , 2021, 139, 104491.	1.1	7
282	Petrogenesis and metallogeny of the Dongguashan Cu-Au deposit in the Tongling ore-cluster region, the Lower Yangtze River Metallogenic Belt: Constraints from geochemistry and geochronology. <i>Chemie Der Erde</i> , 2021, 81, 125822.	0.8	2
283	Newly found Tonian metamorphism in Akebono Rock, eastern Dronning Maud Land, East Antarctica. <i>Gondwana Research</i> , 2021, , .	3.0	6
284	Zircon micro-texture and chemistry: an investigation of magmatic history and crystallization temperature of quartz potassic syenite from Iwo area, Southwestern Nigeria. <i>Acta Geochimica</i> , 2022, 41, 39-49.	0.7	0
285	Multi-stage, Upper Eocene-Oligocene anatexis in the Xolapa metamorphic belt (Puerto Escondido,) Tj ETQq1 1 0.784314 rgBT /Overlock crust during its tectonic migration. <i>Tectonophysics</i> , 2021, 815, 229004.	0.9	1
286	High-resolution EBSD and SIMS U ²³⁸ -Pb geochronology of zircon, titanite, and apatite: insights from the Lac La Moinerie impact structure, Canada. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	11
287	A LA-ICPMS zircon record of magmatic crystallization and compositional alteration in meta-igneous rocks of the eastern Kaapvaal Craton. <i>South African Journal of Geology</i> , 2021, 124, 761-782.	0.6	2
288	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
289	Crustal stabilization: Evidence from the geochemistry and U ²³⁸ -Pb detrital zircon geochronology of quartzites from Simlipal Complex, Singhbhum Craton, India. <i>Geoscience Frontiers</i> , 2022, 13, 101257.	4.3	7
290	Complex Characteristic of Zircon from Granitoids of the Verkhneurmisky Massif (Amur Region). <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 86.	0.8	4
291	Tracking Proterozoic-Triassic sediment routing to western Laurentia via bivariate non-negative matrix factorization of detrital provenance data. <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	6
292	From long-lived batholith construction to giant porphyry copper deposit formation: petrological and zircon chemical evolution of the Quellaveco District, Southern Peru. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	26
294	Thermobarometry Gone Astray. , 2009, , 101-133.		7

#	ARTICLE	IF	CITATIONS
295	Earth's Continental Crust. Encyclopedia of Earth Sciences Series, 2018, , 392-418.	0.1	6
296	Thermochronology on Sand and Sandstones for Stratigraphic and Provenance Studies. Springer Textbooks in Earth Sciences, Geography and Environment, 2019, , 259-268.	0.1	10
297	Detrital zircon resolve longevity and evolution of silicic magmatism in extinct volcanic centers: A case study from the East Fjords of Iceland. , 2017, 13, 1640-1663.		11
298	Oceanic Zircon as a Petrogenetic Indicator. Russian Geology and Geophysics, 2020, 61, 559-570.	0.3	4
299	Geochemical and Sr-Nd-Pb-Hf Isotopic Characteristics of Muchen Pluton in Southeast China, Constrain the Petrogenesis of Alkaline A-Type Magma. Minerals (Basel, Switzerland), 2020, 10, 80.	0.8	5
300	Uranium-Pb zircon ages, whole-rock and zircon mineral geochemistry as indicators for magmatic fertility and porphyry Cu-Mo-Au mineralization at the Bystrinsky and Shakhtama deposits, Eastern Transbaikalia, Russia. Ore Geology Reviews, 2021, 139, 104532.	1.1	7
301	Early Ordovician Age of Fluorite-Rare-Metal Deposits at the Voznesensky Ore District (Far East,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50 (Basel, Switzerland), 2021, 11, 1154.	0.8	3
302	Morphology and geochemistry of zircon in bentonite ash at the Paleocene-Eocene boundary in the Anthering Formation, Eastern Alps, Austria. Russian Journal of Earth Sciences, 2014, 14, 1-17.	0.2	0
303	Earth's Continental Crust. Encyclopedia of Earth Sciences Series, 2017, , 1-27.	0.1	1
304	Trace element geochemistry of zircon, apatite, and titanite of Late Cretaceous hornblende gabbro and granite porphyry in the southern Lhasa subterrane: Implications for petrogenesis and mineralization. Acta Petrologica Sinica, 2019, 35, 2124-2142.	0.3	0
305	Petrogenesis and tectonic setting of the basic volcanic rocks from east of Qazvin, Central Alborz. Iranian Journal of Crystallography and Mineralogy, 2019, 27, 855-870.	0.0	0
306	Constraints of oxygen fugacity on the formation of the Panzhihua layered intrusion and its mineralization: Evidence from trace element in zircon. Acta Petrologica Sinica, 2020, 36, 2116-2126.	0.3	6
307	Hadean Jack Hills Zircon Geochemistry. , 2020, , 143-178.		1
308	Hadean Zircons Elsewhere in the Solar System. , 2020, , 179-193.		0
309	Proposed Sources of Hadean Zircons. , 2020, , 195-216.		0
311	Diffusion anisotropy of Ti in zircon and implications for Ti-in-zircon thermometry. Earth and Planetary Science Letters, 2022, 578, 117317.	1.8	15
312	Evidence of Eoarchean crust beneath the Yakutian kimberlite province in the Siberian craton. Precambrian Research, 2022, 369, 106512.	1.2	4
313	Multiple crustal melting pulses and Hf systematics in zircons. Lithos, 2022, 410-411, 106583.	0.6	4

#	ARTICLE	IF	CITATIONS
314	Experimental partitioning of Li between zircon and different silicate melts: implications for Li contents in the Hadean and modern crust. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	1.2	2
315	Genesis and magma fertility of gold associated high-K granites: LA-ICP-MS zircon trace element and REEs constraint from Bakoshiâ€“Gadanya granites in NW Nigeria. <i>Acta Geochimica</i> , 2022, 41, 351-366.	0.7	6
316	Zircon Th/U ratios suggest a post-collision extensional setting for the Permian Ni-Cu sulfide deposits in the Eastern Tianshan, NW China. <i>Ore Geology Reviews</i> , 2022, 144, 104837.	1.1	1
317	Tourmaline and zircon trace the nature and timing of magmatic-hydrothermal episodes in granite-related Sn mineralization: Insights from the Libata Sn ore field. <i>American Mineralogist</i> , 2023, 108, 552-571.	0.9	1
318	Study of Structural, Optical and Electrical Properties of MA(FA)SnCl ₂ Perovskite Thin Films Synthesized by One-Step Spin Coating. <i>Iranian Journal of Crystallography and Mineralogy</i> , 2021, 29, 919-932.	0.0	2
319	Twoâ€“Stage Maficâ€“Felsic Magma Interactions and Related Magma Chamber Processes in the Arc Setting: An Example From the Enclaveâ€“Bearing Calcâ€“Alkaline Plutons, Chinese Altai. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, .	1.0	1
320	Chronology and geochemical characteristics of the highly fractionated alkali feldspar granite from the Maodeng deposit in the southern Great Xing'an Range. <i>Acta Petrologica Sinica</i> , 2022, 38, 855-882.	0.3	6
321	Destabilization of Longâ€“Lived Hadean Protocrust and the Onset of Pervasive Hydrous Melting at 3.8ÂˆGa. <i>AGU Advances</i> , 2022, 3, .	2.3	17
322	Crucial control on magmatic-hydrothermal Sn deposit in the Tengchong block, SW China: Evidence from magma differentiation and zircon geochemistry. <i>Geoscience Frontiers</i> , 2022, 13, 101401.	4.3	6
323	Zircon crystallization in low-Zr mafic magmas: Possible or impossible?. <i>Chemical Geology</i> , 2022, 602, 120898.	1.4	14
324	Chemical Mohometry: Assessing Crustal Thickness of Ancient Orogens Using Geochemical and Isotopic Data. <i>Reviews of Geophysics</i> , 2022, 60, .	9.0	16
325	Insights from mineral trace chemistry on the origin of NYF and mixed LCTâ€“+â€“NYF pegmatites and their mineralization at Mangodara, SW Burkina Faso. <i>Mineralium Deposita</i> , 2023, 58, 75-104.	1.7	6
326	A new model for zircon saturation in silicate melts. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, .	1.2	20
327	First Uâ€“Pb zircon and (U-Th)/He apatite ages of the Paleo-Tethys rocks in the Strandja Massif, NW Turkey: implications from newly identified serpentinite body. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	0
328	Petrogenesis of neoproterozoic Mo-bearing A-type granites in the Gattar area, northern Eastern Desert, Egypt: Implications for magmatic evolution and mineralization processes. <i>Ore Geology Reviews</i> , 2022, 148, 105007.	1.1	2
329	Tracing the effects of fO ₂ , pressure and H ₂ O on the ore-forming magmas: Perspective from zircon REE composition. <i>Journal of Asian Earth Sciences</i> , 2022, 237, 105354.	1.0	1
330	New whole-rock skarn and porphyry fertility indicators: Insights from Cu-Au-Fe skarn and Cu-Mo-Au porphyry deposits in Eastern Transbaikalia, Russia. <i>Ore Geology Reviews</i> , 2022, 149, 105108.	1.1	2
331	Isotopic and Geochemical Features of Zircon from the Pizhemskeye Titanium Deposit (Middle Timan) as a Reflection of Hydrothermal Processes. <i>Geochemistry International</i> , 2022, 60, 809-829.	0.2	1

#	ARTICLE	IF	CITATIONS
332	Magmatism and Related Au-Cu Mineralization in the Hualgayoc Mining District, Northern Peru. , 2021, , 137-158.		1
333	Contrasting Porphyry Cu Fertilities in the Yidun Arc, Eastern Tibet: Insights from Zircon and Apatite Compositions and Implications for Exploration. , 2021, , 231-255.		0
334	A Comparison of Granite Genesis in the Adelaide Fold Belt and Glenelg River Complex Using Uâ€Pb, Hf and O Isotopes in Zircon. Journal of Petrology, 2022, 63, .	1.1	0
335	Crustal growth and evolution in convergent margin: Evidence from three Paleozoic granitic pulses in the junction zone between Qinling and Qilian orogenic belt. Lithos, 2022, 434-435, 106938.	0.6	0
336	Mantle contribution to the generation of the giant Jinduicheng porphyry Mo deposit, Central China: New insights from combined in-situ element and isotope compositions of zircon and apatite. Chemical Geology, 2023, 616, 121238.	1.4	3
337	Records of apatite for multiple injections of magmas in adakitic plutons: A case study of Mesozoic plutons in the Shatanjiao region of the Tongling ore cluster, south China. Journal of Asian Earth Sciences, 2023, 242, 105507.	1.0	0
338	è¶...é«~æ, ©ã~è~é”†çÿ³Hfä,ŽTiã«é†çš,,ç”µãæŽçé’â~†æžç»“æžœä,Žæ,,ã¹%. SCIENTIA SINICA Terrae, 2022, , .	0.1	0
339	Neoproterozoic Mafic Magmatism in Nagercoil Block, Southern India and Its Implications on the Gondwana Collisional Orogeny. Minerals (Basel, Switzerland), 2022, 12, 1509.	0.8	4
340	Paleozoic Tectonic Switch in the North Qinling Orogenic Belt: Constraints from the Paleozoic Granites from the Northern Qinling Migmatite Terrane. Acta Geologica Sinica, 0, , .	0.8	1
341	Metallic lead (Pb) nanospheres discovered in Hadean and Eoarchean zircon crystals at Jack Hills. Scientific Reports, 2023, 13, .	1.6	1
342	Lower crustal hot zones as zircon incubators: Inherited zircon antecryts in diorites from a mafic mush reservoir. Geological Society Special Publication, 2024, 537, 411-433.	0.8	2
343	Zircon from Gabbroids of the Shaka Ridge (South Atlantic): Uâ€Pb Age, Oxygen Isotope Ratios, and Trace Element Composition. Geology of Ore Deposits, 2022, 64, 622-645.	0.2	0
344	High degree partial melting of the metasomatized mantle: A possible source for the Eocene-Oligocene porphyry Cu-Au-Mo deposits in Lut block, Eastern Iran. Ore Geology Reviews, 2023, 157, 105386.	1.1	1
345	Europium anomalies in detrital zircons record major transitions in Earth geodynamics at 2.5 Ga and 0.9 Ga. Geology, 2023, 51, 141-145.	2.0	3
346	Tectonic evolution of circum-Rodinia subduction: Evidence from Neoproterozoic A-type granitic magmatism in the Central Tianshan Block, northwest China. Precambrian Research, 2023, 387, 106976.	1.2	2
347	Using Zircons to Disentangle Back-Veining and Hybridization of Diorite Dykes: an Example From the Gangdese Arc, Tibet. Journal of Petrology, 2023, 64, .	1.1	2
348	A REE-based zircon geothermometer based on improved lattice strain modeling of zircon-melt REE partition coefficients. Geochimica Et Cosmochimica Acta, 2023, 346, 54-64.	1.6	2
349	Prograde zircon growth in migmatites. Journal of Metamorphic Geology, 2023, 41, 719-743.	1.6	7

#	ARTICLE	IF	CITATIONS
350	Implications of New Geological Mapping and Uâ€Pb Zircon Dating for the Barrovian Tectonoâ€Metamorphic Evolution of the Lepontine Dome (Central European Alps). <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	1.0	0
351	Age and petrogenesis of mafic granulites from central Madurai block, south India: implications on regional tectonics. <i>Geological Magazine</i> , 2023, 160, 955-971.	0.9	1
352	Current applications using key mineral phases in igneous and metamorphic geology: perspectives for the future. <i>Geological Society Special Publication</i> , 2024, 537, 57-121.	0.8	3
369	Petrochronology: Micron-scale links between mineral dates, P â€ T conditions, and petrogenesis. , 2023, , .		0