

The Lu–Hf and Sm–Nd isotopic composition of CH1  
chondrites and implications for the bulk composition of

Earth and Planetary Science Letters

273, 48-57

DOI: [10.1016/j.epsl.2008.06.010](https://doi.org/10.1016/j.epsl.2008.06.010)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Composite Sunrise Butte pluton: Insights into Jurassic–Cretaceous collisional tectonics and magmatism in the Blue Mountains Province, northeastern Oregon. <i>Special Paper of the Geological Society of America</i> , 2015, , 377-398.	0.5	3
2	U–Pb and Lu–Hf isotope record of detrital zircon grains from the Limpopo Belt – Evidence for crustal recycling at the Hadean to early-Archean transition. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 5304-5329.	1.6	95
3	From emplacement to unroofing: thermal history of the Jiazishan gabbro, Sulu UHP terrane, China. <i>Mineralogy and Petrology</i> , 2009, 96, 163-175.	0.4	13
4	Early martian mantle overturn inferred from isotopic composition of nakhlite meteorites. <i>Nature Geoscience</i> , 2009, 2, 548-552.	5.4	100
5	Prolonged mantle residence of zircon xenocrysts from the western Eger rift. <i>Nature Geoscience</i> , 2009, 2, 886-890.	5.4	67
6	The Hadean Crust: Evidence from >4 Ga Zircons. <i>Annual Review of Earth and Planetary Sciences</i> , 2009, 37, 479-505.	4.6	341
7	Lu–Hf zircon evidence for rapid lunar differentiation. <i>Earth and Planetary Science Letters</i> , 2009, 279, 157-164.	1.8	98
8	Short-lived radionuclides as monitors of early crust–mantle differentiation on the terrestrial planets. <i>Earth and Planetary Science Letters</i> , 2009, 279, 147-156.	1.8	34
9	Martian meteorite chronology and the evolution of the interior of Mars. <i>Earth and Planetary Science Letters</i> , 2009, 280, 285-295.	1.8	121
10	Zircon and titanite recording 1.5 million years of magma accretion, crystallization and initial cooling in a composite pluton (southern Adamello batholith, northern Italy). <i>Earth and Planetary Science Letters</i> , 2009, 286, 208-218.	1.8	175
11	The –zircon effect– as recorded by the chemical and Hf isotopic compositions of Lesser Antilles forearc sediments. <i>Earth and Planetary Science Letters</i> , 2009, 287, 86-99.	1.8	139
12	Reworking of Hadean crust in the Acasta gneisses, northwestern Canada: Evidence from in-situ Lu–Hf isotope analysis of zircon. <i>Chemical Geology</i> , 2009, 259, 230-239.	1.4	117
13	Experimental study of polybaric REE partitioning between olivine, pyroxene and melt of the Yamato 980459 composition: Insights into the petrogenesis of depleted shergottites. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 3471-3492.	1.6	22
14	In situ U–Pb, O and Hf isotopic compositions of zircon and olivine from Eoarchean rocks, West Greenland: New insights to making old crust. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 4489-4516.	1.6	166
15	Re-evaluating <sup>142</sup> Nd/ <sup>144</sup> Nd in lunar mare basalts with implications for the early evolution and bulk Sm/Nd of the Moon. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6421-6445.	1.6	74
16	Archean Accretion and Crustal Evolution of the Kalahari Craton – the Zircon Age and Hf Isotope Record of Granitic Rocks from Barberton/Swaziland to the Francistown Arc. <i>Journal of Petrology</i> , 2009, 50, 933-966.	1.1	290
17	Granitic magmatism by melting of juvenile continental crust: new constraints on the source of Palaeoproterozoic granitoids in Fennoscandia from Hf isotopes in zircon. <i>Journal of the Geological Society</i> , 2009, 166, 233-247.	0.9	182
18	Lawsonite Lu-Hf geochronology: A new geochronometer for subduction zone processes. <i>Geology</i> , 2009, 37, 987-990.	2.0	34

#	ARTICLE	IF	CITATIONS
19	4.4 Abundances of the elements in the Solar System. Landolt-Börnstein - Group VI Astronomy and Astrophysics, 2009, , 712-770.	0.1	332
20	THE GEOCHEMISTRY, Lu-Hf ISOTOPE SYSTEMATICS, AND PETROGENESIS OF LATE MESOPROTEROZOIC A-TYPE GRANITES IN SOUTHWESTERN FENNOSCANDIA. Canadian Mineralogist, 2009, 47, 1399-1422.	0.3	33
22	Radioisotopes as chronometers. , 0, , 230-307.		0
23	ORIGIN OF EXCESS <sup>176</sup> Hf IN METEORITES. Astrophysical Journal, 2010, 717, 861-867.	1.6	29
24	HAFNIUM ISOTOPIC COMPOSITIONS OF ZIRCON FROM ADIRONDACK AMCG SUITES: IMPLICATIONS FOR THE PETROGENESIS OF ANORTHOSITES, GABBROS, AND GRANITIC MEMBERS OF THE SUITES. Canadian Mineralogist, 2010, 48, 751-761.	0.3	26
25	Prolonged Paleozoic Magmatism in the East Greenland Caledonides: Some Constraints from U-Pb Ages and Hf Isotopes. Journal of Geology, 2010, 118, 447-465.	0.7	36
26	Geochronology, petrogenesis and metallogeny of Piaotang granitoids in the tungsten deposit region of South China. Geochemical Journal, 2010, 44, 299-313.	0.5	54
27	Subducted seamounts in an eclogite-facies ophiolite sequence: the Andean Raspas Complex, SW Ecuador. Contributions To Mineralogy and Petrology, 2010, 159, 265-284.	1.2	84
28	Timing of eclogite facies metamorphism in the southernmost Scandinavian Caledonides by Lu-Hf and Sm-Nd geochronology. Contributions To Mineralogy and Petrology, 2010, 159, 521-539.	1.2	66
29	Geochemical characteristics and Sr-Nd-Hf isotope compositions of mantle xenoliths and host basalts from Assab, Eritrea: implications for the composition and thermal structure of the lithosphere beneath the Afar Depression. Contributions To Mineralogy and Petrology, 2010, 159, 731-751.	1.2	32
30	Magmatic evolution of the ultramafic-mafic Kharaelakh intrusion (Siberian Craton, Russia): insights from trace-element, U-Pb and Hf-isotope data on zircon. Contributions To Mineralogy and Petrology, 2010, 159, 753-768.	1.2	54
31	Zircon Hf isotope perspective on the origin of granitic rocks from eastern Bavaria, SW Bohemian Massif. International Journal of Earth Sciences, 2010, 99, 993-1005.	0.9	18
32	Two types of ultrapotassic plutonic rocks in the Bohemian Massif - Coeval intrusions at different crustal levels. Lithos, 2010, 115, 163-176.	0.6	58
33	Diverse sources of crustal granitic magma: Lu-Hf isotope data on zircon in three Paleoproterozoic leucogranites of southern Finland. Lithos, 2010, 115, 263-271.	0.6	50
34	Baltica- and Gondwana-derived sediments in the Mid-German Crystalline Rise (Central Europe): Implications for the closure of the Rheic ocean. Gondwana Research, 2010, 17, 254-263.	3.0	101
35	Plate tectonic significance of Middle Cambrian and Ordovician siliciclastic rocks of the Bavarian Facies, Armorican Terrane Assemblage, Germany - U-Pb and Hf isotope evidence from detrital zircons. Gondwana Research, 2010, 17, 223-235.	3.0	77
36	Evidence for the survival of the oldest terrestrial mantle reservoir. Nature, 2010, 466, 853-856.	13.7	151
37	The Annandagstoppane Granite, East Antarctica: Evidence for Archaean Intracrustal Recycling in the Kaapvaal-Grunehogna Craton from Zircon O and Hf Isotopes. Journal of Petrology, 2010, 51, 2277-2301.	1.1	68

#	ARTICLE	IF	CITATIONS
38	Petrogenesis and Origins of Mid-Cretaceous Continental Intraplate Volcanism in Marlborough, New Zealand: Implications for the Long-lived HIMU Magmatic Mega-province of the SW Pacific. <i>Journal of Petrology</i> , 2010, 51, 2003-2045.	1.1	64
39	Decompressional Heating of the Mahalapye Complex (Limpopo Belt, Botswana): a Response to Palaeoproterozoic Magmatic Underplating?. <i>Journal of Petrology</i> , 2010, 51, 703-729.	1.1	46
40	Insights into the metamorphic evolution of the Beltâ€™Purcell basin; evidence from Luâ€™Hf garnet geochronology. <i>Canadian Journal of Earth Sciences</i> , 2010, 47, 161-179.	0.6	58
41	Isotopic and geochemical evidence for a recent transition in mantle chemistry beneath the western Canadian Cordillera. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
42	Re-evaluation of Rapakivi Petrogenesis: Source Constraints from the Hf Isotope Composition of Zircon in the Rapakivi Granites and Associated Mafic Rocks of Southern Finland. <i>Journal of Petrology</i> , 2010, 51, 1687-1709.	1.1	108
43	Detrital zircon evidence for Hf isotopic evolution of granitoid crust and continental growth. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2450-2472.	1.6	159
44	High-precision high field strength element partitioning between garnet, amphibole and alkaline melt from Kakanui, New Zealand. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2741-2759.	1.6	38
45	Non-chondritic Sm/Nd ratio in the terrestrial planets: Consequences for the geochemical evolution of the mantleâ€™crust system. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3333-3349.	1.6	143
46	Deep mantle storage of the Earthâ€™s missing niobium in late-stage residual melts from a magma ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4392-4404.	1.6	35
47	Hafnium isotope homogenization during metamorphic zircon growth in amphibolite-facies rocks: Examples from the Shackleton Range (Antarctica). <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4740-4758.	1.6	76
48	Highly depleted Hadean mantle reservoirs in the sources of early Archean arc-like rocks, Isua supracrustal belt, southern West Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 7236-7260.	1.6	110
49	Old Smâ€™Nd ages for cumulate eucrites and redetermination of the solar system initial $^{146}\text{Sm}/^{144}\text{Sm}$ ratio. <i>Earth and Planetary Science Letters</i> , 2010, 291, 172-181.	1.8	64
50	Non-nucleosynthetic heterogeneity in non-radiogenic stable Hf isotopes: Implications for early solar system chronology. <i>Earth and Planetary Science Letters</i> , 2010, 295, 1-11.	1.8	80
51	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
52	The influence of small-scale mantle heterogeneities on Mid-Ocean Ridge volcanism: Evidence from the southern Mid-Atlantic Ridge ( $7^{\circ}30^{\circ}\text{S}$ to $11^{\circ}30^{\circ}\text{S}$ ) and Ascension Island. <i>Earth and Planetary Science Letters</i> , 2010, 296, 299-310.	1.8	51
53	Depleted mantle sources through time: Evidence from Luâ€™Hf and Smâ€™Nd isotope systematics of Archean komatiites. <i>Earth and Planetary Science Letters</i> , 2010, 297, 598-606.	1.8	161
54	Isotopic hyperbolas constrain sources and processes under the Lesser Antilles arc. <i>Earth and Planetary Science Letters</i> , 2010, 298, 35-46.	1.8	69
55	Subduction controls of Hf and Nd isotopes in lavas of the Aleutian island arc. <i>Earth and Planetary Science Letters</i> , 2010, 300, 226-238.	1.8	55

#	ARTICLE	IF	CITATIONS
56	Sr stable isotope composition of Earth, the Moon, Mars, Vesta and meteorites. <i>Earth and Planetary Science Letters</i> , 2010, 300, 359-366.	1.8	110
57	$\sim 1/4$ 2.7Ga crust growth in the North China craton. <i>Precambrian Research</i> , 2010, 179, 37-49.	1.2	221
58	U <sup>235</sup> -Th <sup>230</sup> -Pb and Lu <sup>176</sup> -Hf systematics of zircon from TTC's, leucosomes, meta-anorthosites and quartzites of the Limpopo Belt (South Africa): Constraints for the formation, recycling and metamorphism of Palaeoarchaeoan crust. <i>Precambrian Research</i> , 2010, 179, 50-68.	1.2	153
59	Geochemical and isotopic constraints on the tectonic and crustal evolution of the Shackleton Range, East Antarctica, and correlation with other Gondwana crustal segments. <i>Precambrian Research</i> , 2010, 180, 85-112.	1.2	49
60	Archean crustal evolution of the northern Tarim craton, NW China: Zircon U <sup>235</sup> -Pb and Hf isotopic constraints. <i>Precambrian Research</i> , 2010, 180, 272-284.	1.2	294
61	Reworking of Earth's first crust: Constraints from Hf isotopes in Archean zircons from Mt. Narryer, Australia. <i>Precambrian Research</i> , 2010, 182, 175-186.	1.2	73
62	New constraints on the auriferous Witwatersrand sediment provenance from combined detrital zircon U <sup>235</sup> -Pb and Lu <sup>176</sup> -Hf isotope data for the Eldorado Reef (Central Rand Group, South Africa). <i>Precambrian Research</i> , 2010, 183, 817-824.	1.2	41
63	Distribution coefficients of 60 elements on TODGA resin: Application to Ca, Lu, Hf, U and Th isotope geochemistry. <i>Talanta</i> , 2010, 81, 741-753.	2.9	178
64	Application of Lu <sup>176</sup> -Hf garnet dating to unravel the relationships between deformation, metamorphism and plutonism: An example from the Prince Rupert area, British Columbia. <i>Tectonophysics</i> , 2010, 485, 62-77.	0.9	13
65	The generation and evolution of the continental crust. <i>Journal of the Geological Society</i> , 2010, 167, 229-248.	0.9	650
66	Detrital zircon characteristics of the Lower Cretaceous Isachsen Formation, Sverdrup Basin: source constraints from age and Hf isotope data. <i>Canadian Journal of Earth Sciences</i> , 2010, 47, 255-271.	0.6	26
67	A Younger Age for ALH84001 and Its Geochemical Link to Shergottite Sources in Mars. <i>Science</i> , 2010, 328, 347-351.	6.0	193
68	Ancient and juvenile components in the continental crust and mantle: Hf isotopes in zircon from Svecofennian magmatic rocks and rapakivi granites in Sweden. <i>Lithosphere</i> , 2011, 3, 409-419.	0.6	41
69	Structural evolution of a composite middle to lower crustal section: The Sierra de Pie de Palo, northwest Argentina. <i>Tectonics</i> , 2011, 30, .	1.3	51
70	Nonchondritic <sup>142</sup> Nd in suboceanic mantle peridotites. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	1.0	23
71	Domains of depleted mantle: New evidence from hafnium and neodymium isotopes. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	69
72	Evolution of early crust in chondritic or non-chondritic Earth inferred from U <sup>235</sup> -Pb and Lu <sup>176</sup> -Hf data for chemically abraded zircon from the Itsaq Gneiss Complex, West Greenland This article is one of a series of papers published in this Special Issue on the theme of <i>Geochronology</i> in honour of Tom Krogh. <i>Canadian Journal of Earth Sciences</i> , 2011, 48, 141-160.	0.6	43
73	An ancient recipe for flood-basalt genesis. <i>Nature</i> , 2011, 476, 316-319.	13.7	88

#	ARTICLE	IF	CITATIONS
74	In situ measurement of hafnium isotopes in rutile by LA- <sup>137</sup> Cs-ICPMS: Protocol and applications. <i>Chemical Geology</i> , 2011, 281, 72-82.	1.4	32
75	Experimental study of trace element partitioning between lunar orthopyroxene and anhydrous silicate melt: Effects of lithium and iron. <i>Chemical Geology</i> , 2011, 285, 1-14.	1.4	42
76	Beach placer, a proxy for the average Nd and Hf isotopic composition of a continental area. <i>Chemical Geology</i> , 2011, 287, 182-192.	1.4	23
77	Timing and source constraints on the relationship between mafic and felsic intrusions in the Emeishan large igneous province. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1374-1395.	1.6	122
78	REE and actinide microdistribution in Sahara 97072 and ALHA77295 EH3 chondrites: A combined cosmochemical and petrologic investigation. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 3269-3289.	1.6	36
79	Mechanisms of Archean crust formation inferred from high-precision HFSE systematics in TTGs. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4157-4178.	1.6	184
80	Early Archean crustal evolution of the Jack Hills Zircon source terrane inferred from Lu-Hf, <sup>207</sup> Pb/ <sup>206</sup> Pb, and <sup>18</sup> O systematics of Jack Hills zircons. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4816-4829.	1.6	76
81	The Hf-Nd isotopic composition of marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5903-5926.	1.6	449
82	The origin of decoupled Hf-Nd isotope compositions in Eoarchean rocks from southern West Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6610-6628.	1.6	142
83	Correlated nucleosynthetic isotopic variability in Cr, Sr, Ba, Sm, Nd and Hf in Murchison and QUE 97008. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7806-7828.	1.6	88
84	The effect of sediment recycling in subduction zones on the Hf isotope character of new arc crust, Banda arc, Indonesia. <i>Earth and Planetary Science Letters</i> , 2011, 303, 240-250.	1.8	87
85	Hf-Nd isotope and trace element constraints on subduction inputs at island arcs: Limitations of Hf anomalies as sediment input indicators. <i>Earth and Planetary Science Letters</i> , 2011, 304, 212-223.	1.8	81
86	A fresh isotopic look at Greenland kimberlites: Cratonic mantle lithosphere imprint on deep source signal. <i>Earth and Planetary Science Letters</i> , 2011, 305, 235-248.	1.8	140
87	Understanding the roles of crustal growth and preservation in the detrital zircon record. <i>Earth and Planetary Science Letters</i> , 2011, 305, 405-412.	1.8	73
88	Tracing the provenance and recrystallization processes of the Earth's oldest detritus at Mt. Narryer and Jack Hills, Western Australia: An in situ Sm-Nd isotopic study of monazite. <i>Earth and Planetary Science Letters</i> , 2011, 308, 350-358.	1.8	23
89	Lu-Hf garnet geochronology applied to plate boundary zones: Insights from the (U)HP terrane exhumed within the Woodlark Rift. <i>Earth and Planetary Science Letters</i> , 2011, 309, 56-66.	1.8	45
90	Combined Nd and Hf isotope evidence for deep-seated source of Isua lavas. <i>Earth and Planetary Science Letters</i> , 2011, 312, 267-279.	1.8	120
91	Hafnium isotope record of the Ancient Gneiss Complex, Swaziland, southern Africa: evidence for Archean crustal-mantle formation and crust reworking between 3.66 and 2.73 Ga. <i>Journal of the Geological Society</i> , 2011, 168, 953-964.	0.9	139

#	ARTICLE	IF	CITATIONS
92	1.8 Ga magmatism in southern Finland: strongly enriched mantle and juvenile crustal sources in a post-collisional setting. <i>International Geology Review</i> , 2011, 53, 1622-1683.	1.1	36
93	Lu-Hf isotope evidence for the provenance of Permian detritus in accretionary complexes of western Patagonia and the northern Antarctic Peninsula region. <i>Journal of South American Earth Sciences</i> , 2011, 32, 485-496.	0.6	36
94	The U-Pb and Hf isotope evidence of detrital zircons of the Ordovician Ollantaytambo Formation, southern Peru, and the Ordovician provenance and paleogeography of southern Peru and northern Bolivia. <i>Journal of South American Earth Sciences</i> , 2011, 32, 196-209.	0.6	95
95	Geochemistry, zircon U-Pb ages and Hf isotopes of the Paleozoic volcanic rocks in the northwestern Chinese Altai: Petrogenesis and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2011, 42, 969-985.	1.0	66
96	$\sim$ 4.7 Ga juvenile crust formation in the North China Craton (Taishan-Xintai area, western Shandong) zircon. <i>Precambrian Research</i> , 2011, 186, 169-180.	1.2	295
97	Reworking of the Tarim Craton by underplating of mantle plume-derived magmas: Evidence from Neoproterozoic granitoids in the Kuluketage area, NW China. <i>Precambrian Research</i> , 2011, 187, 1-14.	1.2	234
98	Presence of Palaeoproterozoic and Archean components in the granulite-facies rocks of central Iberia: The Hf isotopic evidence. <i>Precambrian Research</i> , 2011, 187, 143-154.	1.2	21
99	Archaean to Palaeoproterozoic crustal evolution of the Aravalli mountain range, NW India, and its hinterland: The U-Pb and Hf isotope record of detrital zircon. <i>Precambrian Research</i> , 2011, 187, 155-164.	1.2	107
100	Neoproterozoic recycling of the Sveconorwegian orogenic belt: Detrital-zircon data from the Sparagmite basins in the Scandinavian Caledonides. <i>Precambrian Research</i> , 2011, 189, 347-367.	1.2	83
101	Continental growth and secular evolution: Constraints from U-Pb ages and Hf isotope of detrital zircons in Proterozoic Jixian sedimentary section (1.8-0.8 Ga), North China Craton. <i>Precambrian Research</i> , 2011, 189, 229-238.	1.2	49
102	U-Pb-Hf characterization of the central Coast Mountains batholith: Implications for petrogenesis and crustal architecture. <i>Lithosphere</i> , 2011, 3, 247-260.	0.6	115
103	Two contrasting Phanerozoic orogenic systems revealed by hafnium isotope data. <i>Nature Geoscience</i> , 2011, 4, 333-337.	5.4	336
104	Hf-W-Th evidence for rapid growth of Mars and its status as a planetary embryo. <i>Nature</i> , 2011, 473, 489-492.	18.7	379
105	New Lu-Hf geochronology constrains the onset of continental subduction in the Dabie orogen. <i>Lithos</i> , 2011, 121, 41-54.	0.6	54
106	Combined U-Pb geochronology and Lu-Hf isotope systematics by LA-MC-ICPMS of zircons from granites and metasedimentary rocks of Carrazeda de Ansiães and Sabugal areas, Portugal, to constrain granite sources. <i>Lithos</i> , 2011, 125, 321-334.	0.6	44
107	Source of Mesozoic intermediate-felsic igneous rocks in the North China craton: Granulite xenolith evidence. <i>Lithos</i> , 2011, 125, 335-346.	0.6	42
108	The time of eclogite formation in the ultrahigh pressure rocks of the Sulu terrane. <i>Lithos</i> , 2011, 125, 743-756.	0.6	50
109	The generation of high Sr/Y plutons following Late Jurassic arc-arc collision, Blue Mountains province, NE Oregon. <i>Lithos</i> , 2011, 126, 22-41.	0.6	32

#	ARTICLE	IF	CITATIONS
110	Decoding whole rock, plagioclase, zircon and apatite isotopic and geochemical signatures from variably contaminated dioritic magmas. <i>Lithos</i> , 2011, 127, 455-467.	0.6	9
111	Precambrian sources of Early Paleozoic SE Gondwana sediments as deduced from combined Lu <sup>146</sup> -Hf and U <sup>238</sup> -Pb systematics of detrital zircons, Takaka and Buller terrane, South Island, New Zealand. <i>Gondwana Research</i> , 2011, 20, 427-442.	3.0	21
112	The Rio de la Plata craton and the adjoining Pan-African/brasiliano terranes: Their origins and incorporation into south-west Gondwana. <i>Gondwana Research</i> , 2011, 20, 673-690.	3.0	179
113	<sup>146</sup> Sm- <sup>142</sup> Nd systematics measured in enstatite chondrites reveals a heterogeneous distribution of <sup>142</sup> Nd in the solar nebula. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7693-7697.	3.3	84
114	Early Silicate Earth Differentiation. <i>Annual Review of Earth and Planetary Sciences</i> , 2011, 39, 31-58.	4.6	72
115	Episodic zircon ages, Hf isotopic composition, and the preservation rate of continental crust. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 951-957.	1.6	214
116	Archaean fluid-assisted crustal cannibalism recorded by low $\delta^{18}O$ and negative $\delta^{17}O$ isotopic signatures of West Greenland granite zircon. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 1027-1050.	1.2	53
117	Geochemical, zircon U <sup>238</sup> -Pb dating and Sr <sup>87</sup> -Nd <sup>143</sup> -Hf isotopic constraints on the age and petrogenesis of an Early Cretaceous volcanic-intrusive complex at Xiangshan, Southeast China. <i>Mineralogy and Petrology</i> , 2011, 101, 21-48.	0.4	89
118	U <sup>238</sup> -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
119	New age data from the Dzirula massif, Georgia: Implications for the evolution of the Caucasian Variscides. <i>Numerische Mathematik</i> , 2011, 311, 404-441.	0.7	39
120	Three Fe-Ti oxide ore-bearing gabbro-granitoid complexes in the Panxi region of the Permian Emeishan large igneous province, SW China. <i>Numerische Mathematik</i> , 2011, 311, 773-812.	0.7	67
121	Tracing the 1271-1246 Ma Central Scandinavian Dolerite Group mafic magmatism in Fennoscandia: U <sup>238</sup> -Pb baddeleyite and Hf isotope data on the MoslÅtt and BÅrgefjell dolerites. <i>Geological Magazine</i> , 2011, 148, 632-643.	0.9	25
122	Evolution of the Archaean Karelian Province in the Fennoscandian Shield in the light of U <sup>238</sup> -Pb zircon ages and Sm <sup>147</sup> -Nd and Lu <sup>176</sup> -Hf isotope systematics. <i>Journal of the Geological Society</i> , 2011, 168, 201-218.	0.9	49
123	Isotopic Evolution of the Idaho Batholith and Challis Intrusive Province, Northern US Cordillera. <i>Journal of Petrology</i> , 2011, 52, 2397-2429.	1.1	133
124	Title is missing!. , 2012, 8, 292.		57
125	Elemental and Isotopic Evidence for Granitoid Genesis From Deep-Seated Sources in the Coast Mountains Batholith, British Columbia. <i>Journal of Petrology</i> , 2012, 53, 1505-1536.	1.1	63
126	Tectonomagmatic Constraints on the Sources of Eastern Mediterranean K-rich Lavas. <i>Journal of Petrology</i> , 2012, 53, 27-65.	1.1	62
127	Formation age and metamorphic history of the Nuvvuagittuq Greenstone Belt. <i>Precambrian Research</i> , 2012, 220-221, 23-44.	1.2	134

#	ARTICLE	IF	CITATIONS
128	Zircon U <sup>238</sup> Pb and garnet Lu <sup>176</sup> Hf geochronology of eclogites from the Lhasa Block, Tibet. <i>Lithos</i> , 2012, 155, 341-359.	0.6	56
129	Zircon REE patterns and geochemical characteristics of Paleoproterozoic anatectic granite in the northern Tarim Craton, NW China: Implications for the reconstruction of the Columbia supercontinent. <i>Precambrian Research</i> , 2012, 222-223, 474-487.	1.2	122
130	Petrogenesis of the igneous Mucajaí-AMG complex, northern Amazonian craton: Geochemical, U <sup>238</sup> Pb geochronological, and Nd <sup>147</sup> Hf <sup>176</sup> O isotopic constraints. <i>Lithos</i> , 2012, 151, 17-34.	0.6	31
131	Petrogenesis of the Early Cretaceous adakite-like porphyries and associated basaltic andesites in the eastern Jiangnan orogen, southern China. <i>Journal of Asian Earth Sciences</i> , 2012, 61, 243-256.	1.0	25
132	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
133	Petrogenesis of the Late Yanshanian mantle-derived intrusions in southeastern China: Response to the geodynamics of paleo-Pacific plate subduction. <i>Chemical Geology</i> , 2012, 328, 208-221.	1.4	188
134	Cambrian bimodal volcanism in the Lhasa Terrane, southern Tibet: Record of an early Paleozoic Andean-type magmatic arc in the Australian proto-Tethyan margin. <i>Chemical Geology</i> , 2012, 328, 290-308.	1.4	288
135	Comparative Sr <sup>87</sup> Nd <sup>143</sup> Hf <sup>176</sup> Os <sup>187</sup> Pb isotope systematics of xenolithic peridotites from Yangyuan, North China Craton: Additional evidence for a Paleoproterozoic age. <i>Chemical Geology</i> , 2012, 332-333, 1-14.	1.4	22
136	The elusive Hadean enriched reservoir revealed by 142Nd deficits in Isua Archaean rocks. <i>Nature</i> , 2012, 491, 96-100.	13.7	95
137	The geodynamic evolution of Mesoproterozoic anorthosite complexes inferred from the Naajat Kuuat Complex, southern West Greenland. <i>Precambrian Research</i> , 2012, 196-197, 149-170.	1.2	53
138	U <sup>238</sup> Pb and Hf isotope record of detrital zircons from gold-bearing sediments of the Pietersburg Greenstone Belt (South Africa): Is there a common provenance with the Witwatersrand Basin?. <i>Precambrian Research</i> , 2012, 204-205, 46-56.	1.2	104
139	U <sup>238</sup> Pb and Hf isotope study on detrital zircons from the Paranoá Group, Brasília Belt Brazil: Constraints on depositional age at Mesoproterozoic to Neoproterozoic transition and tectono-magmatic events in the São Francisco craton. <i>Precambrian Research</i> , 2012, 206-207, 168-181.	1.2	53
140	Insights on the crustal evolution of the West African Craton from Hf isotopes in detrital zircons from the Anti-Atlas belt. <i>Precambrian Research</i> , 2012, 212-213, 263-274.	1.2	62
141	Isotopic Microanalysis: In Situ Constraints on the Origin and Evolution of the Finnish Precambrian. <i>Lecture Notes in Earth Sciences</i> , 2012, , 103-126.	0.5	0
142	A Change in the Geodynamics of Continental Growth 3 Billion Years Ago. <i>Science</i> , 2012, 335, 1334-1336.	6.0	707
143	Age and magmatic evolution of the Famatinian granitic rocks of Sierra de Ancasti, Sierras Pampeanas, NW Argentina. <i>Journal of South American Earth Sciences</i> , 2012, 34, 10-25.	0.6	22
144	Low-Al and high-Al trondhjemites in the Huai'an Complex, North China Craton: Geochemistry, zircon U <sup>238</sup> Pb and Hf isotopes, and implications for Neoproterozoic crustal growth and remelting. <i>Journal of Asian Earth Sciences</i> , 2012, 49, 203-213.	1.0	33
145	Hafnium isotope evidence from Archean granitic rocks for deep-mantle origin of continental crust. <i>Earth and Planetary Science Letters</i> , 2012, 337-338, 211-223.	1.8	169

#	ARTICLE	IF	CITATIONS
146	A novel extraction chromatography and MC-ICP-MS technique for rapid analysis of REE, Sc and Y: Revising CI-chondrite and Post-Archean Australian Shale (PAAS) abundances. <i>Chemical Geology</i> , 2012, 291, 38-54.	1.4	297
147	Major geological cycles substantiated by U-Pb ages and Hf of detrital zircon grains from the Lower Rhine Basin. <i>Chemical Geology</i> , 2012, 294-295, 63-74.	1.4	5
148	Diffusional homogenization of light REE in garnet from the Day Nui Con Voi Massif in N-Vietnam: Implications for Sm-Nd geochronology and timing of metamorphism in the Red River shear zone. <i>Chemical Geology</i> , 2012, 318-319, 16-30.	1.4	32
149	Evolution of the martian mantle inferred from the <sup>187</sup> Re- <sup>187</sup> Os isotope and highly siderophile element abundance systematics of shergottite meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 76, 206-235.	1.6	117
150	Refractory element fractionation in the Allende meteorite: Implications for solar nebula condensation and the chondritic composition of planetary bodies. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 85, 114-141.	1.6	68
151	Two tales of the continental lithospheric mantle prior to the destruction of the North China Craton: Insights from Early Cretaceous mafic intrusions in western Shandong, East China. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 96, 193-214.	1.6	86
152	Excess hafnium-176 in meteorites and the early Earth zircon record. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	24
153	A trio of laser ablation in concert with two ICP-MSs: Simultaneous, pulse-by-pulse determination of U-Pb discordant ages and a single spot Hf isotope ratio analysis in complex zircons from petrographic thin sections. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	28
154	Geodynamics of synconvergent extension and tectonic mode switching: Constraints from the Sevier-Laramide orogen. <i>Tectonics</i> , 2012, 31, .	1.3	39
155	Homogeneous superchondritic <sup>142</sup> Nd/ <sup>144</sup> Nd in the mid-ocean ridge basalt and ocean island basalt mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	46
156	High-resolution insights into episodes of crystallization, hydrothermal alteration and remelting in the Skaergaard intrusive complex. <i>Earth and Planetary Science Letters</i> , 2012, 355-356, 199-212.	1.8	65
157	Metasomatism and metallogeny of A-type granites of the Mt Painter-Mt Babbage Inliers, South Australia. <i>Lithos</i> , 2012, 151, 83-104.	0.6	22
158	Geochronology, geochemistry and tectonic significance of two Early Cretaceous A-type granites in the Gan-Hang Belt, Southeast China. <i>Lithos</i> , 2012, 150, 155-170.	0.6	132
159	Recycled metagneous crustal sources for S- and I-type Variscan granitoids from the Spanish Central System batholith: Constraints from Hf isotope zircon composition. <i>Lithos</i> , 2012, 153, 84-93.	0.6	37
160	Forty years of TTG research. <i>Lithos</i> , 2012, 148, 312-336.	0.6	697
161	Episodic eruptions of the Late Mesozoic volcanic sequences in southeastern Zhejiang, SE China: Petrogenesis and implications for the geodynamics of paleo-Pacific subduction. <i>Lithos</i> , 2012, 154, 166-180.	0.6	119
162	Lu-Hf and Sm-Nd isotope systematics of Korean spinel peridotites: A case for metasomatically induced Nd-Hf decoupling. <i>Lithos</i> , 2012, 154, 263-276.	0.6	42
163	Spatial and temporal evolution of Liassic to Paleocene arc activity in southern Peru unraveled by zircon U-Pb and Hf in-situ data on plutonic rocks. <i>Lithos</i> , 2012, 155, 183-200.	0.6	36

#	ARTICLE	IF	CITATIONS
164	Trace Element and Lu-Hf Systematics in Hadean-Archean Detrital Zircons: Implications for Crustal Evolution. <i>Journal of Geology</i> , 2012, 120, 15-29.	0.7	49
166	U-Pb and Hf isotopic data from Franklinian Basin strata: insights into the nature of Crockerland and the timing of accretion, Canadian Arctic Islands. <i>Canadian Journal of Earth Sciences</i> , 2012, 49, 1316-1328.	0.6	60
167	Protoliths of Paleoproterozoic calciphyres from the Irkut block (Sharyzhalgai uplift of the Siberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	7
168	Magma mingling and chemical diffusion in the Taojiang granitoids in the Hunan Province, China: evidences from petrography, geochronology and geochemistry. <i>Mineralogy and Petrology</i> , 2012, 106, 243-264.	0.4	15
170	Hafnium isotope evidence for a transition in the dynamics of continental growth 3.2%Gyr ago. <i>Nature</i> , 2012, 485, 627-630.	13.7	254
171	Evidence against a chondritic Earth. <i>Nature</i> , 2012, 483, 553-558.	13.7	103
172	Recognition of early Carboniferous alkaline granite in the southern Altai orogen: post-orogenic processes constrained by U-Pb zircon ages, Nd isotopes, and geochemical data. <i>International Journal of Earth Sciences</i> , 2012, 101, 937-950.	0.9	53
173	Petrogenesis and thermal history of the Yulong porphyry copper deposit, Eastern Tibet: insights from U-Pb and U-Th/He dating, and zircon Hf isotope and trace element analysis. <i>Mineralogy and Petrology</i> , 2012, 105, 201-221.	0.4	57
174	Increased loss of continental crust during supercontinent amalgamation. <i>Gondwana Research</i> , 2012, 21, 994-1000.	3.0	91
175	Triassic high-pressure metamorphism in the Huwan shear zone: Tracking the initial subduction of continental crust in the whole Dabie orogen. <i>Lithos</i> , 2012, 136-139, 60-72.	0.6	20
176	Mesoproterozoic syntectonic garnet within Belt Supergroup metamorphic tectonites: Evidence of Grenville-age metamorphism and deformation along northwest Laurentia. <i>Lithos</i> , 2012, 134-135, 91-107.	0.6	39
177	Miocene potassic granite-syenite association in western Tibetan Plateau: Implications for shoshonitic and high Ba-Sr granite genesis. <i>Lithos</i> , 2012, 134-135, 146-162.	0.6	92
178	In situ zircon U-Pb, oxygen and hafnium isotopic compositions of Jurassic granites from the North China craton: Evidence for Triassic subduction of continental crust and subsequent metamorphism-related 18O depletion. <i>Lithos</i> , 2012, 142-143, 84-94.	0.6	84
179	Lu-Hf systematics of magmatic zircons reveal a Proterozoic crustal boundary under the Cretaceous Pioneer batholith, Montana. <i>Lithos</i> , 2012, 142-143, 216-225.	0.6	27
180	Origin of Mesoarchaeon arc-related rocks with boninite/komatiite affinities from southern West Greenland. <i>Lithos</i> , 2012, 144-145, 24-39.	0.6	32
181	The Beiarn Nappe Complex: A record of Laurentian Early Silurian arc magmatism in the Uppermost Allochthon, Scandinavian Caledonides. <i>Lithos</i> , 2012, 146-147, 233-252.	0.6	15
182	U-Pb age and Hf isotope compositions of zircons from the north-western region of the Ukrainian shield: mantle melting in response to post-collision extension. <i>Terra Nova</i> , 2012, 24, 373-379.	0.9	29
183	Isotope geochemical characteristics of zircon from dunite, clinopyroxenite, and gabbro of the Uralian Platinum Belt. <i>Doklady Earth Sciences</i> , 2012, 443, 513-516.	0.2	7

#	ARTICLE	IF	CITATIONS
184	Origin of Meso-Proterozoic post-collisional leucogranite suites (Kaokoveld, Namibia): constraints from geochronology and Nd, Sr, Hf, and Pb isotopes. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 1-17.	1.2	25
185	Continental sedimentary processes decouple Nd and Hf isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 121, 177-195.	1.6	85
186	Major and trace element composition of the high $^3\text{He}/^4\text{He}$ mantle: Implications for the composition of a nonchondritic Earth. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2954-2976.	1.0	63
187	Archaean andesite petrogenesis: Insights from the GrÅ   defjord Supracrustal Belt, southern West Greenland. <i>Precambrian Research</i> , 2013, 236, 1-15.	1.2	38
188	Geochronology and geochemistry of Cenozoic basalts from eastern Guangdong, SE China: constraints on the lithosphere evolution beneath the northern margin of the South China Sea. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 437-455.	1.2	77
189	Carboniferous and Permian granites of the northern Tasman orogenic belt, Queensland, Australia: insights into petrogenesis and crustal evolution from an in situ zircon study. <i>International Journal of Earth Sciences</i> , 2013, 102, 647-669.	0.9	10
190	Hafnium isotope composition of zircons from dunites of the Nizhny Tagil and Guli Massifs (Russia). <i>Doklady Earth Sciences</i> , 2013, 448, 38-42.	0.2	4
191	Evolution of granitoids in the Catalina metamorphic core complex, southeastern Arizona: Uâ€Pb, Nd, and Hf isotopic constraints. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 1295-1310.	1.2	23
192	Early Precambrian tectonothermal events of the North China Craton: Constraints from in situ detrital zircon U-Pb, Hf and O isotopic compositions in Tietonggou Formation. <i>Science Bulletin</i> , 2013, 58, 3760-3770.	1.7	32
193	Methodology and Application of Hafnium Isotopes in Ilmenite and Rutile by $\langle \text{sc} \rangle \text{MC} \langle \text{sc} \rangle \hat{=} \langle \text{sc} \rangle \text{ICP} \langle \text{sc} \rangle \hat{=} \langle \text{sc} \rangle \text{MS} \langle \text{sc} \rangle$ . <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 159-176.	1.7	1
194	Isotopic evidence for chondritic Lu/Hf and Sm/Nd of the Moon. <i>Earth and Planetary Science Letters</i> , 2013, 380, 77-87.	1.8	74
195	Not-so-suspect terrane: Constraints on the crustal evolution of the Rudall Province. <i>Precambrian Research</i> , 2013, 235, 131-149.	1.2	28
196	Algorithms for estimating uncertainties in initial radiogenic isotope ratios and model ages. <i>Chemical Geology</i> , 2013, 340, 131-138.	1.4	48
197	Nature of magmatism and sedimentation at a Columbia active margin: Insights from combined Uâ€Pb and Luâ€Hf isotope data of detrital zircons from NW India. <i>Gondwana Research</i> , 2013, 23, 1040-1052.	3.0	100
198	REE and Hf distribution among mineral phases in the CVâ€CK clan: A way to explain present-day Hf isotopic variations in chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 120, 496-513.	1.6	29
199	Geochemistry, zircon Uâ€Pb ages and Luâ€Hf isotopes of early Paleozoic plutons in the northwestern Chinese Tianshan: Petrogenesis and geological implications. <i>Lithos</i> , 2013, 182-183, 48-66.	0.6	62
200	Baltican crustal provenance for Cambrianâ€Ordovician sandstones of the Alexander terrane, North American Cordillera: evidence from detrital zircon Uâ€Pb geochronology and Hf isotope geochemistry. <i>Journal of the Geological Society</i> , 2013, 170, 7-18.	0.9	65
201	Detrital zircon Hf isotopic compositions indicate a northern Caledonian connection for the Alexander terrane. <i>Lithosphere</i> , 2013, 5, 163-168.	0.6	54

#	ARTICLE	IF	CITATIONS
202	Precise Determination of the Lutetium Isotopic Composition in Rocks and Minerals Using Multicollector ICPMS. <i>Analytical Chemistry</i> , 2013, 85, 11258-11264.	3.2	10
203	Nucleosynthetic Nd isotope anomalies in primitive enstatite chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 121, 652-666.	1.6	25
204	Coupled Hf <sup>176</sup> /Nd <sup>142</sup> /Pb isotope co-variations of HIMU oceanic island basalts from Mangaia, Cook-Austral islands, suggest an Archean source component in the mantle transition zone. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 112, 87-101.	1.6	40
205	Paleoproterozoic crustal evolution of the Tarim Craton: Constrained by zircon U <sup>238</sup> /Pb and Hf isotopes of meta-igneous rocks from Korla and Dunhuang. <i>Journal of Asian Earth Sciences</i> , 2013, 78, 54-70.	1.0	121
206	Juvenile crust formation in the northeastern Kaapvaal Craton at 2.97Ga—Implications for Archean terrane accretion, and the source of the Pietersburg gold. <i>Precambrian Research</i> , 2013, 233, 20-43.	1.2	71
207	New Lu <sup>176</sup> /Hf and Sm <sup>147</sup> /Nd geochronology constrains the subduction of oceanic crust during the Carboniferous—Permian in the Dabie orogen. <i>Journal of Asian Earth Sciences</i> , 2013, 63, 139-150.	1.0	21
208	Neoarchean suprasubduction zone arc magmatism in southern India: Geochemistry, zircon U-Pb geochronology and Hf isotopes of the Sittampundi Anorthosite Complex. <i>Gondwana Research</i> , 2013, 23, 539-557.	3.0	123
209	The Ninetyeast Ridge and its Relation to the Kerguelen, Amsterdam and St. Paul Hotspots in the Indian Ocean. <i>Journal of Petrology</i> , 2013, 54, 1177-1210.	1.1	34
210	Early mantle dynamics inferred from 142Nd variations in Archean rocks from southwest Greenland. <i>Earth and Planetary Science Letters</i> , 2013, 377-378, 324-335.	1.8	65
211	Formation Age of the Qinling Complex and the early Paleozoic Tectonic Event. <i>Advanced Materials Research</i> , 0, 734-737, 60-70.	0.3	0
212	Insights into early Earth from Barberton komatiites: Evidence from lithophile isotope and trace element systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 108, 63-90.	1.6	110
213	Petrography, geochemistry, and Hf <sup>176</sup> /Nd isotope evolution of drill core samples and target rocks from the El'gygytgyn impact crater, NE Chukotka, Arctic Russia. <i>Meteoritics and Planetary Science</i> , 2013, 48, 1160-1198.	0.7	20
214	Is the Ordos Block Archean or Paleoproterozoic in age? Implications for the Precambrian evolution of the North China Craton. <i>Numerische Mathematik</i> , 2013, 313, 683-711.	0.7	119
215	Petrogenesis and tectonic significance of an early Palaeozoic mafic-intermediate suite of rocks from the Central Tianshan, northwest China. <i>International Geology Review</i> , 2013, 55, 548-573.	1.1	42
216	Sm <sup>147</sup> /Nd Dating. , 2013, , 1-20.		1
217	The origin and response of zircon in eclogite to metamorphism during the multi-stage evolution of the Huwan Shear Zone, China: Insights from Lu <sup>176</sup> /Hf and U <sup>238</sup> /Pb isotopic and trace element geochemistry. <i>Gondwana Research</i> , 2013, 23, 726-747.	3.0	27
218	Geochemical and Hf <sup>176</sup> /Nd isotopic constraints on the crustal evolution of Archean rocks from the Minnesota River Valley, USA. <i>Precambrian Research</i> , 2013, 224, 36-50.	1.2	29
219	Mantle and crustal sources of Archean anorthosite: a combined in situ isotopic study of Pb <sup>208</sup> /Pb in plagioclase and Lu <sup>176</sup> /Hf in zircon. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 1-24.	1.2	36

#	ARTICLE	IF	CITATIONS
220	Tectonic evolution of the Qinling orogenic belt, Central China: New evidence from geochemical, zircon U-Pb geochronology and Hf isotopes. <i>Precambrian Research</i> , 2013, 231, 19-60.	1.2	213
221	Evolution of the African continental crust as recorded by U-Pb, Lu-Hf and O isotopes in detrital zircons from modern rivers. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 107, 96-120.	1.6	136
222	Sr-Nd-Hf-Pb isotope geochemistry of basaltic rocks from the Cretaceous Gyeongsang Basin, South Korea: Implications for basin formation. <i>Journal of Asian Earth Sciences</i> , 2013, 73, 504-519.	1.0	17
223	Remnants of arc-related Mesoarchaeon oceanic crust in the Tartoq Group of SW Greenland. <i>Gondwana Research</i> , 2013, 23, 436-451.	3.0	53
224	Multi-system geochronological and isotopic constraints on age and evolution of the Gaoligongshan metamorphic belt and shear zone system in western Yunnan, China. <i>Journal of Asian Earth Sciences</i> , 2013, 73, 218-239.	1.0	51
225	Contrasting zircon Hf-O isotopes and trace elements between ore-bearing and ore-barren adakitic rocks in central-eastern China: Implications for genetic relation to Cu-Au mineralization. <i>Lithos</i> , 2013, 156-159, 97-111.	0.6	131
226	New evidence for ~4.45Ga terrestrial crust from zircon xenocrysts in Ordovician ignimbrite in the North Qinling Orogenic Belt, China. <i>Gondwana Research</i> , 2013, 23, 1484-1490.	3.0	72
227	Stagnant-lid tectonics in early Earth revealed by <sup>142</sup> Nd variations in late Archean rocks. <i>Earth and Planetary Science Letters</i> , 2013, 373, 83-92.	1.8	167
228	Hafnium-neodymium constraints on source heterogeneity of the economic ultramafic-mafic Noril'sk-1 intrusion (Russia). <i>Lithos</i> , 2013, 164-167, 36-46.	0.6	21
229	Seychelles alkaline suite records the culmination of Deccan Traps continental flood volcanism. <i>Lithos</i> , 2013, 182-183, 33-47.	0.6	31
230	Inherited <sup>142</sup> Nd anomalies in Eoarchean protoliths. <i>Earth and Planetary Science Letters</i> , 2013, 361, 50-57.	1.8	91
231	Mesoproterozoic arc magmatism in SE India: Petrology, zircon U-Pb geochronology and Hf isotopes of the Bopudi felsic suite from Eastern Ghats Belt. <i>Journal of Asian Earth Sciences</i> , 2013, 75, 183-201.	1.0	11
232	Evolution of the neodymium isotopic signature of neritic seawater on a northwestern Pacific margin: new constrains on possible end-members for the composition of deep-water masses in the Late Cretaceous ocean. <i>Chemical Geology</i> , 2013, 356, 160-170.	1.4	20
233	Compositional diversity of ca. 110 Ma magmatism in the northern Lhasa Terrane, Tibet: Implications for the magmatic origin and crustal growth in a continent-continent collision zone. <i>Lithos</i> , 2013, 168-169, 144-159.	0.6	162
234	Paleoproterozoic collisional orogeny in Central Tianshan: Assembling the Tarim Block within the Columbia supercontinent. <i>Precambrian Research</i> , 2013, 228, 1-19.	1.2	74
235	Teflon-HPLC: A novel chromatographic system for application to isotope geochemistry and other industries. <i>Chemical Geology</i> , 2013, 357, 203-214.	1.4	17
236	On the origin of hot metasedimentary quartzites in the lower crust of continental arcs. <i>Earth and Planetary Science Letters</i> , 2013, 361, 120-133.	1.8	36
237	The origin and geochemical evolution of the Woodlark Rift of Papua New Guinea. <i>Gondwana Research</i> , 2013, 23, 931-943.	3.0	35

#	ARTICLE	IF	CITATIONS
238	Lu <sup>176</sup> -Hf isotopic memory of plume-lithosphere interaction in the source of layered mafic intrusions, Windimurra Igneous Complex, Yilgarn Craton, Australia. <i>Earth and Planetary Science Letters</i> , 2013, 380, 151-161.	1.8	28
239	Crustal formation in the Nanling Range, South China Block: Hf isotope evidence of zircons from Phanerozoic granitoids. <i>Journal of Asian Earth Sciences</i> , 2013, 74, 210-224.	1.0	24
240	Origin of Middle Triassic high-K calc-alkaline granitoids and their potassic microgranular enclaves from the western Kunlun orogen, northwest China: A record of the closure of Paleo-Tethys. <i>Lithos</i> , 2013, 156-159, 13-30.	0.6	152
241	Magmatism and metallogeny associated with mantle upwelling: Zircon U <sup>235</sup> -Pb and Lu <sup>176</sup> -Hf constraints from the gold-mineralized Jinchang granite, NE China. <i>Ore Geology Reviews</i> , 2013, 54, 138-156.	1.1	31
242	A legacy of Hadean silicate differentiation inferred from Hf isotopes in Eoarchean rocks of the Nuvvuagittuq supracrustal belt (Quebec, Canada). <i>Earth and Planetary Science Letters</i> , 2013, 362, 171-181.	1.8	43
243	Half a billion years of reworking of Hadean mafic crust to produce the Nuvvuagittuq Eoarchean felsic crust. <i>Earth and Planetary Science Letters</i> , 2013, 379, 13-25.	1.8	82
244	Discovery of an Eo-Meso-Neoarchean terrane in the East Greenland Caledonides. <i>Precambrian Research</i> , 2013, 235, 295-302.	1.2	10
245	Petrogenesis of ore-bearing porphyries from the Duolong porphyry Cu-Au deposit, central Tibet: Evidence from U <sup>235</sup> -Pb geochronology, petrochemistry and Sr <sup>87</sup> -Nd <sup>143</sup> -Hf <sup>176</sup> -O isotope characteristics. <i>Lithos</i> , 2013, 160-161, 216-227.	0.6	122
246	Hf and Nd isotopes in Early Ordovician to Early Carboniferous granites as monitors of crustal growth in the Proto-Andean margin of Gondwana. <i>Gondwana Research</i> , 2013, 23, 1617-1630.	3.0	91
247	Geochronology and Hf isotopes of the bimodal mafic-felsic high heat producing igneous suite from Mt Painter Province, South Australia. <i>Gondwana Research</i> , 2013, 24, 1067-1079.	3.0	13
248	Different zircon recrystallization types in carbonatites caused by magma mixing: Evidence from U <sup>235</sup> -Pb dating, trace element and isotope composition (Hf and O) of zircons from two Precambrian carbonatites from Fennoscandia. <i>Chemical Geology</i> , 2013, 353, 173-198.	1.4	43
249	Nd and Sr isotope characteristics of Quaternary Indo-Gangetic plain sediments: Source distinctiveness in different geographic regions and its geological significance. <i>Chemical Geology</i> , 2013, 344, 12-22.	1.4	30
250	Unraveling the Precambrian crustal evolution by Neoproterozoic conglomerates, Jiangnan orogen: U <sup>235</sup> -Pb and Hf isotopes of detrital zircons. <i>Precambrian Research</i> , 2013, 233, 223-236.	1.2	61
251	Probing for Proterozoic and Archean crust in the northern U.S. Cordillera with inherited zircon from the Idaho batholith. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 73-88.	1.6	62
252	Lithospheric thinning and reworking of Late Archean juvenile crust on the southern margin of the North China Craton: evidence from the Longwangzhuang Paleoproterozoic A-type granites and their surrounding Cretaceous adakite-like granites. <i>Geological Journal</i> , 2013, 48, 498-515.	0.6	29
253	Magma mixing revealed from in situ zircon U <sup>235</sup> -Pb-Hf isotope analysis of the Muhuguan granitoid pluton, eastern Qinling Orogen, China: implications for late Mesozoic tectonic evolution. <i>International Journal of Earth Sciences</i> , 2013, 102, 1583-1602.	0.9	29
254	Petrogenesis and tectonic significance of Early Cretaceous high-Zr rhyolite in the Dazhou uranium district, Gan-Hang Belt, Southeast China. <i>Journal of Asian Earth Sciences</i> , 2013, 74, 303-315.	1.0	30
255	Controls on the incongruent release of hafnium during weathering of metamorphic and sedimentary catchments. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 101, 263-284.	1.6	27

#	ARTICLE	IF	CITATIONS
256	U <sup>238</sup> -Pb age and Hf-isotope geochemistry of zircon from felsic volcanic rocks of the Paleoproterozoic Aillik Group, Makkovik Province, Labrador. <i>Precambrian Research</i> , 2013, 224, 129-142.	1.2	21
257	Tectonics, exhumation, and drainage evolution of the eastern Himalaya since 13 Ma from detrital geochemistry and thermochronology, Kameng River Section, Arunachal Pradesh. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 523-538.	1.6	76
258	Intracontinental Eocene-Oligocene Porphyry Cu Mineral Systems of Yunnan, Western Yangtze Craton, China: Compositional Characteristics, Sources, and Implications for Continental Collision Metallogeny. <i>Economic Geology</i> , 2013, 108, 1541-1576.	1.8	144
259	The Suursaari conglomerate (SE Fennoscandian shield; Russia) – Indication of cratonic conditions and rapid reworking of quartz arenitic cover at the outset of the emplacement of the rapakivi granites at ca. 1.65Ga. <i>Precambrian Research</i> , 2013, 233, 132-143.	1.2	7
260	Alkaline and Carbonate-rich Melt Metasomatism and Melting of Subcontinental Lithospheric Mantle: Evidence from Mantle Xenoliths, NE Bavaria, Bohemian Massif. <i>Journal of Petrology</i> , 2013, 54, 2597-2633.	1.1	64
261	U <sup>238</sup> -Pb and Hf isotope data of detrital zircons from the Barberton Greenstone Belt: constraints on provenance and Archaean crustal evolution. <i>Journal of the Geological Society</i> , 2013, 170, 215-223.	0.9	70
262	Crustal growth and tectonic evolution of the Mojave crustal province: Insights from hafnium isotope systematics in zircons. <i>Lithosphere</i> , 2013, 5, 17-28.	0.6	67
263	Geochemistry and geochronology of the Jim Sage volcanic suite, southern Idaho: Implications for Snake River Plain magmatism and its role in the history of Basin and Range extension. , 2013, 9, 1681-1703.		13
264	Geochemical, Sr-Nd-Pb, and Zircon Hf-O Isotopic Compositions of Eocene-Oligocene Shoshonitic and Potassic Adakite-like Felsic Intrusions in Western Yunnan, SW China: Petrogenesis and Tectonic Implications. <i>Journal of Petrology</i> , 2013, 54, 1309-1348.	1.1	170
265	Origin and evolution of Avalonia: evidence from U <sup>238</sup> -Pb and Lu <sup>176</sup> -Hf isotopes in zircon from the Mira terrane, Canada, and the Stavelot-Venn Massif, Belgium. <i>Journal of the Geological Society</i> , 2013, 170, 769-784.	0.9	73
266	Heterogeneous Zircon Cargo in Voluminous Late Paleozoic Rhyolites: Hf, O Isotope and Zr/Hf Records of Plutonic to Volcanic Magma Evolution. <i>Journal of Petrology</i> , 2013, 54, 1483-1501.	1.1	25
267	Anatectic reworking and differentiation of continental crust along the active margin of Gondwana: a zircon Hf-O perspective from West Antarctica. <i>Geological Society Special Publication</i> , 2013, 383, 169-210.	0.8	31
268	Geochemistry and petrology of pyroxenite xenoliths from Cenozoic alkaline basalts, Bohemian Massif. <i>Journal of Geosciences (Czech Republic)</i> , 2013, , 199-219.	0.3	2
269	Age, Hf isotope and trace element signatures of detrital zircons in the Mesoproterozoic Eriksfjord sandstone, southern Greenland: are detrital zircons reliable guides to sedimentary provenance and timing of deposition?. <i>Geological Magazine</i> , 2013, 150, 426-440.	0.9	31
270	Petrogenesis and tectonic implications of early Silurian high-K calc-alkaline granites and their potassic microgranular enclaves, western Kunlun orogen, NW Tibetan Plateau. <i>International Geology Review</i> , 2013, 55, 958-975.	1.1	28
271	Pre- to syn-glacial rift-related volcanism in the Neoproterozoic (Cryogenian) Pocatello Formation, SE Idaho: New SHRIMP and CA-ID-TIMS constraints. <i>Lithosphere</i> , 2013, 5, 128-150.	0.6	41
272	The Plat Sjambok Anorthosite and its tonalitic country rocks: Mesoproterozoic pre-tectonic intrusions in the Kaaien Terrane, Namaqua-Natal Province, southern Africa. <i>International Geology Review</i> , 2013, 55, 1471-1489.	1.1	11
273	Ta'u and Ofu/Olosega volcanoes: The 'Twin Sisters' of Samoa, their P, T, X melting regime, and global implications. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2301-2318.	1.0	25

#	ARTICLE	IF	CITATIONS
274	Zircon U-Pb and Hf isotopic constraints on the genesis of a post-kinematic S-type Variscan tin granite: the LogrosÃn cupola (Central Iberian Zone). <i>Journal of Iberian Geology</i> , 2014, 40, .	0.7	8
276	Neoproterozoic (c. 2.7 Ga) Plutons of the Ungava Craton, QuÃbec, Canada: Parental Magma Compositions and Implications for Fe-rich Mantle Source Regions. <i>Journal of Petrology</i> , 2014, 55, 2481-2512.	1.1	5
277	Petrology and Nd-Hf Isotope Geochemistry of the Neoproterozoic Amon Kimberlite Sills, Baffin Island (Canada): Evidence for Deep Mantle Magmatic Activity Linked to Supercontinent Cycles. <i>Journal of Petrology</i> , 2014, 55, 2003-2042.	1.1	69
278	Lu-Hf Dating: The Lu-Hf Isotope System. , 2014, , 1-20.		17
279	Cosmochemical Estimates of Mantle Composition. , 2014, , 1-39.		279
280	Proterozoic Evolution of the North Atlantic Arctic Caledonides: Insights from Detrital Zircon Analysis of Metasedimentary Rocks from the Pearya Terrane, Canadian High Arctic. <i>Journal of Geology</i> , 2014, 122, 623-647.	0.7	46
281	Ordovician to Silurian magmatism on the Utsira High, North Sea: implications for correlations between the onshore and offshore Caledonides. <i>Geological Society Special Publication</i> , 2014, 390, 513-523.	0.8	17
282	Early Ordovician to Silurian evolution of exotic terranes in the Scandinavian Caledonides of the Ofoten-Troms area terrane characterization and correlation based on new U-Pb zircon ages and Lu-Hf isotopic data. <i>Geological Society Special Publication</i> , 2014, 390, 655-678.	0.8	17
283	Geochronology and tectonic evolution of the Hohewarte Complex, central Namibia: New insights in Paleoproterozoic to Early Neoproterozoic crustal accretion processes. <i>Journal of African Earth Sciences</i> , 2014, 99, 228-244.	0.9	9
284	Zircon U-Pb geochronology, geochemical and Sr-Nd-Hf isotopic compositions of the Triassic granite and diorite dikes from the Wulonggou mining area in the Eastern Kunlun Orogen, NW China: Petrogenesis and tectonic implications. <i>Lithos</i> , 2014, 205, 266-283.	0.6	107
285	Detrital Zircons U-Pb Age and Hf Isotope from the Western Side of the Taiwan Strait: Implications for Sediment Provenance and Crustal Evolution of the Northeast Cathaysia Block. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2014, 25, 505.	0.3	30
286	Tectonomagmatic evolution of the Early Ordovician suprasubduction-zone ophiolites of the Trondheim Region, Mid-Norwegian Caledonides. <i>Geological Society Special Publication</i> , 2014, 390, 541-561.	0.8	28
287	Multisystem dating of modern river detritus from Tajikistan and China: Implications for crustal evolution and exhumation of the Pamir. <i>Lithosphere</i> , 2014, 6, 443-455.	0.6	42
288	Pyroxenite Dykes in Orogenic Peridotite from North Qaidam (NE Tibet, China) Track Metasomatism and Segregation in the Mantle Wedge. <i>Journal of Petrology</i> , 2014, 55, 2347-2376.	1.1	48
289	Ca. 2.9Ga granitoid magmatism in eastern Shandong, North China Craton: Zircon dating, Hf-in-zircon isotopic analysis and whole-rock geochemistry. <i>Precambrian Research</i> , 2014, 255, 538-562.	1.2	68
290	Growth and Differentiation of the Continental Crust from Isotope Studies of Accessory Minerals. , 2014, , 379-421.		18
291	Generation of early Archaean grey gneisses through melting of older crust in the eastern Kaapvaal craton, southern Africa. <i>Precambrian Research</i> , 2014, 255, 823-846.	1.2	84
292	Middle Neoproterozoic magmatism in western Shandong, North China Craton: SHRIMP zircon dating and LA-ICP-MS Hf isotope analysis. <i>Precambrian Research</i> , 2014, 255, 865-884.	1.2	47

#	ARTICLE	IF	CITATIONS
293	Gondwanan Eoarcheanâ€“Neoproterozoic ancient crustal material in Iran and Turkey: zircon Uâ€“Pbâ€“Hf isotopic evidence. Canadian Journal of Earth Sciences, 2014, 51, 272-285.	0.6	74
294	Geochemical fingerprinting of trans-Atlantic African dust based on radiogenic Sr-Nd-Hf isotopes and rare earth element anomalies. Geology, 2014, 42, 675-678.	2.0	76
295	Late Cretaceous magmatism in Mamba area, central Lhasa subterrane: Products of back-arc extension of Neo-Tethyan Ocean?. Gondwana Research, 2014, 26, 505-520.	3.0	51
296	Filling in the juvenile magmatic gap: Evidence for uninterrupted Paleoproterozoic plate tectonics. Earth and Planetary Science Letters, 2014, 388, 123-133.	1.8	79
297	Origin of andesitic rocks: Geochemical constraints from Mesozoic volcanics in the Luzong basin, South China. Lithos, 2014, 190-191, 220-239.	0.6	99
298	The detrital zircon record: Supercontinents, parallel evolutionâ€“Or coincidence?. Precambrian Research, 2014, 244, 279-287.	1.2	37
299	Geochronology, geochemistry, and zircon Hf isotopic compositions of Mesozoic intermediateâ€“felsic intrusions in central Tibet: Petrogenetic and tectonic implications. Lithos, 2014, 198-199, 77-91.	0.6	200
300	Zircon Uâ€“Pb ages, Hfâ€“O isotopes and trace elements of Mesozoic high Sr/Y porphyries from Ningzhen, eastern China: Constraints on their petrogenesis, tectonic implications and Cu mineralization. Lithos, 2014, 200-201, 299-316.	0.6	46
301	Hafnium isotope evidence for slab melt contributions in the Central Mexican Volcanic Belt and implications for slab melting in hot and cold slab arcs. Chemical Geology, 2014, 377, 45-55.	1.4	38
302	Origin and geological significance of Paleoproterozoic granites in the northeastern Cathaysia Block, South China. Precambrian Research, 2014, 248, 72-95.	1.2	73
303	Luâ€“Hf isotope systematics of the Hadeanâ€“Eoarchean Acasta Gneiss Complex (Northwest Territories,) Tj ETQq0,0,0 rgBT /Overlock 1	1.6	41
304	Crustal evolution of the Rehoboth Province from Archaean to Mesoproterozoic times: Insights from the Rehoboth Basement Inlier. Precambrian Research, 2014, 240, 22-36.	1.2	48
305	A detrital zircon Uâ€“Pb and Hf isotopic transect across the Son Valley sector of the Vindhyan Basin, India: Implications for basin evolution and paleogeography. Gondwana Research, 2014, 26, 348-364.	3.0	119
306	Hafniumâ€“neodymium isotope systematics of the 2.7Ga Gadwal greenstone terrane, Eastern Dharwar craton, India: Implications for the evolution of the Archean depleted mantle. Geochimica Et Cosmochimica Acta, 2014, 127, 10-24.	1.6	53
307	Formation of the giant Chalukou porphyry Mo deposit in northern Great Xing'an Range, NE China: Partial melting of the juvenile lower crust in intra-plate extensional environment. Lithos, 2014, 202-203, 138-156.	0.6	82
308	A provenance study of the Paleozoic Ventania System (Argentina): Transient complex sources from Western and Eastern Gondwana. Gondwana Research, 2014, 26, 719-740.	3.0	57
309	Origin of Middle Cambrian and Late Silurian potassic granitoids from the western Kunlun orogen, northwest China: a magmatic response to the Proto-Tethys evolution. Mineralogy and Petrology, 2014, 108, 91-110.	0.4	38
310	Permianâ€“Carboniferous arc magmatism in southern Mexico: Uâ€“Pb dating, trace element and Hf isotopic evidence on zircons of earliest subduction beneath the western margin of Gondwana. International Journal of Earth Sciences, 2014, 103, 1287-1300.	0.9	80

#	ARTICLE	IF	CITATIONS
311	Zircon U-Pb and Hf isotopic study of Neoproterozoic granitic gneisses from the Alatage area, Xinjiang: constraints on the Precambrian crustal evolution in the Central Tianshan Block. <i>Science Bulletin</i> , 2014, 59, 100-112.	1.7	48
312	Geochronology, geochemistry, and mineralization of the granodiorite porphyry hosting the Matou Cu-Mo ( $A_{\pm}W$ ) deposit, Lower Yangtze River metallogenic belt, eastern China. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 623-640.	1.0	43
313	The world turns over: Hadean-Archean crust-mantle evolution. <i>Lithos</i> , 2014, 189, 2-15.	0.6	173
314	Constraining the process of Eoarchean TTG formation in the Itsaq Gneiss Complex, southern West Greenland. <i>Earth and Planetary Science Letters</i> , 2014, 388, 374-386.	1.8	84
315	3.45 Ga granitic gneisses from the Yangtze Craton, South China: Implications for Early Archean crustal growth. <i>Precambrian Research</i> , 2014, 242, 82-95.	1.2	245
316	The study of rare earth elements in farmer's well waters of the PodwiÅ³niÅ³wka acid mine drainage area (south-central Poland). <i>Environmental Monitoring and Assessment</i> , 2014, 186, 1609-1622.	1.3	36
317	Early Paleozoic crust-mantle interaction and lithosphere delamination in South China Block: Evidence from geochronology, geochemistry, and Sr-Nd-Hf isotopes of granites. <i>Lithos</i> , 2014, 184-187, 416-435.	0.6	90
318	Isotope geochemistry and geochronology of the gabbro of the Volkovsky Massif, Urals. <i>Geochemistry International</i> , 2014, 52, 89-110.	0.2	4
319	Detrital zircons in basement metasedimentary protoliths unveil the origins of southern India. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 791-811.	1.6	92
320	Why Archaean TTG cannot be generated by MORB melting in subduction zones. <i>Lithos</i> , 2014, 198-199, 1-13.	0.6	242
321	SHRIMP zircon and titanite U-Pb ages, Lu-Hf isotope signatures and geochemical constraints for $\sim 4.256$ Ga granitic magmatism in Western Dharwar Craton, Southern India: Evidence for short-lived Neoarchean episodic crustal growth?. <i>Precambrian Research</i> , 2014, 243, 197-220.	1.2	80
322	The Gondwana connections of northern Patagonia. <i>Journal of the Geological Society</i> , 2014, 171, 313-328.	0.9	74
323	Geochronological, geochemical, and Sr-Nd-Hf isotopic characteristics of Cretaceous monzonitic plutons in western Zhejiang Province, Southeast China: New insights into the petrogenesis of intermediate rocks. <i>Lithos</i> , 2014, 196-197, 242-260.	0.6	44
324	Plume versus plate origin for the Shatsky Rise oceanic plateau (NW Pacific): Insights from Nd, Pb and Hf isotopes. <i>Lithos</i> , 2014, 200-201, 49-63.	0.6	45
325	Eclogitization of transient crust of the Aktyuz Complex during Late Palaeozoic plate collisions in the Northern Tianshan of Kyrgyzstan. <i>Gondwana Research</i> , 2014, 26, 925-941.	3.0	20
326	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
327	Permo-Triassic anatexis, continental rifting and the disassembly of western Pangaea. <i>Lithos</i> , 2014, 190-191, 383-402.	0.6	98
328	Adakite differentiation and emplacement in a subduction channel: The late Paleocene Sabzevar magmatism (NE Iran). <i>Bulletin of the Geological Society of America</i> , 2014, 126, 317-343.	1.6	63

#	ARTICLE	IF	CITATIONS
329	Using Zircon Isotope Compositions to Constrain Crustal Structure and Pluton Evolution: the lapetus Suture Zone Granites in Northern Britain. <i>Journal of Petrology</i> , 2014, 55, 181-207.	1.1	18
330	Small-scale Hf isotopic variability in the Peninsula pluton (South Africa): the processes that control inheritance of source $^{176}\text{Hf}/^{177}\text{Hf}$ diversity in S-type granites. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	75
331	What coupled cerium and neodymium isotopes tell us about the deep source of oceanic carbonatites. <i>Earth and Planetary Science Letters</i> , 2014, 407, 175-186.	1.8	27
332	Uncoupled O and Hf isotopic systems in zircon from the contrasting granite suites of the New England Orogen, eastern Australia: Implications for studies of Phanerozoic magma genesis. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 146, 132-149.	1.6	37
333	Characterisation and $\text{U}^{238}\text{Pb}^{206}\text{Hf}$ isotope record of the 3.55Ga felsic crust from the Bundelkhand Craton, northern India. <i>Precambrian Research</i> , 2014, 255, 236-244.	1.2	87
334	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
335	Alpine Tethys closure as revealed by amphibole-rich mafic and ultramafic rocks from the Adamello and the Bergell intrusions (Central Alps). <i>Journal of the Geological Society</i> , 2014, 171, 793-799.	0.9	19
336	$\text{U}^{238}\text{Pb}$ , $\text{Lu}^{176}\text{Hf}$ and REE in zircon from 3.2 to 2.6Ga Archean gneisses of the Repulse Bay block, Melville Peninsula, Nunavut. <i>Precambrian Research</i> , 2014, 252, 223-239.	1.2	7
337	Subduction and exhumation mechanisms of ultra-high and high-pressure oceanic and continental crust at Makbal (Tianshan, Kazakhstan and Kyrgyzstan). <i>Journal of Metamorphic Geology</i> , 2014, 32, 861-884.	1.6	29
338	Title is missing!, 2014, 10, 49.		315
339	Zircon $\text{U}^{238}\text{Pb}$ ages and Hf isotope compositions of migmatites from the North Qinling terrane and their geological implications. <i>Journal of Metamorphic Geology</i> , 2014, 32, 177-193.	1.6	40
340	Provenance of the heavy mineral-enriched alluvial deposits at the west coast of the Red Sea. Implications for evolution of Arabian-Nubian crust. <i>Journal of African Earth Sciences</i> , 2014, 100, 510-523.	0.9	1
341	Repeated kimberlite magmatism beneath Yakutia and its relationship to Siberian flood volcanism: Insights from in situ $\text{U}^{238}\text{Pb}$ and $\text{Sr}^{87}\text{Nd}$ perovskite isotope analysis. <i>Earth and Planetary Science Letters</i> , 2014, 404, 283-295.	1.8	104
342	Hafnium isotope evidence for early-Proterozoic volcanic arc reworking in the Skellefte district (northern Sweden) and implications for the Svecofennian orogen. <i>Precambrian Research</i> , 2014, 252, 39-52.	1.2	11
343	Crustal growth and reworking during Lapland-Kola orogeny in northern Fennoscandia: $\text{U}^{238}\text{Pb}$ and $\text{Lu}^{176}\text{Hf}$ data from the Nattanen and Litsa-Aragub-type granites. <i>Lithos</i> , 2014, 205, 112-126.	0.6	18
344	Geochronology and geochemistry of Cretaceous Nanshanping alkaline rocks from the Zijinshan district in Fujian Province, South China: Implications for crust-mantle interaction and lithospheric extension. <i>Journal of Asian Earth Sciences</i> , 2014, 93, 253-274.	1.0	32
345	Intermontane basins and bimodal volcanism at the onset of the Sveconorwegian Orogeny, southern Norway. <i>Precambrian Research</i> , 2014, 252, 107-118.	1.2	42
346	$\text{U}^{238}\text{Pb}$ zircon geochronology and $\text{Nd}^{143}\text{Hf}^{177}\text{O}$ isotopic systematics of the Neoproterozoic Hadb adh Dayheen ring complex, Central Arabian Shield, Saudi Arabia. <i>Lithos</i> , 2014, 206-207, 348-360.	0.6	33

#	ARTICLE	IF	CITATIONS
347	Rb-Sr, Sm-Nd and Lu-Hf isotope systematics of the lunar Mg-suite: the age of the lunar crust and its relation to the time of Moon formation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130246.	1.6	78
348	U-Pb age and Lu-Hf signatures of detrital zircon from Palaeozoic sandstones in the Oslo Rift, Norway. <i>Geological Magazine</i> , 2014, 151, 816-829.	0.9	28
349	Implications of discordant U-Pb ages on Hf isotope studies of detrital zircons. <i>Chemical Geology</i> , 2014, 385, 17-25.	1.4	36
350	Sourcing sandstone cobble grinding tools in southern California using petrography, U-Pb geochronology, and Hf isotope geochemistry. <i>Journal of Archaeological Science</i> , 2014, 50, 273-287.	1.2	2
351	Multiple migmatite events and cooling from granulite facies metamorphism within the Famatina arc margin of northwest Argentina. <i>Tectonics</i> , 2014, 33, 1-25.	1.3	46
352	Record of multiple stage channelized fluid and melt activities in deeply subducted slab from zircon U-Pb age and Hf-O isotope compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 144, 1-24.	1.6	51
353	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
354	Combined $^{147}\text{Sm}/^{143}\text{Nd}$ constraints on the longevity and residence time of early terrestrial crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2329-2345.	1.0	58
355	Zircon Hf isotope evidence for an enriched mantle source for the Bushveld Igneous Complex. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	1.2	44
356	Where is basalt in river sediments, and why does it matter?. <i>Earth and Planetary Science Letters</i> , 2014, 407, 61-69.	1.8	41
357	The Namuskluft and Dreigratberg sections in southern Namibia (Kalahari Craton, Gariiep Belt): a geological history of Neoproterozoic rifting and recycling of cratonic crust during the dispersal of Rodinia until the amalgamation of Gondwana. <i>International Journal of Earth Sciences</i> , 2014, 103, 1187-1202.	0.9	38
358	Neodymium and hafnium boundary contributions to seawater along the West Antarctic continental margin. <i>Earth and Planetary Science Letters</i> , 2014, 394, 99-110.	1.8	52
359	Zircon U-Pb ages and Lu-Hf isotope systematics from late-tectonic granites, Geita Greenstone Belt: Implications for crustal growth of the Tanzania Craton. <i>Precambrian Research</i> , 2014, 242, 187-204.	1.2	41
360	Thermal Ionization Mass Spectrometry. , 2014, , 337-354.		20
361	Solar System Abundances of the Elements. , 2014, , 15-36.		136
362	Petrogenesis of the concealed Daqing intrusion in Guangxi and its tectonic significance: Constraints from geochemistry, zircon U-Pb dating and Nd-Hf isotopic compositions. <i>Science China Earth Sciences</i> , 2014, 57, 1723-1740.	2.3	11
363	Samarium-neodymium chronology and rubidium-strontium systematics of an Allende calcium-aluminum-rich inclusion with implications for $^{146}\text{Sm}$ half-life. <i>Earth and Planetary Science Letters</i> , 2014, 405, 15-24.	1.8	77
364	Depositional age and sediment source of the auriferous Moeda Formation, Quadril�tero Ferr�fero of Minas Gerais, Brazil: New constraints from U-Pb-Hf isotopes in zircon and xenotime. <i>Precambrian Research</i> , 2014, 255, 96-108.	1.2	45

#	ARTICLE	IF	CITATIONS
365	Northward subduction of Bangongô–Nujiang Tethys: Insight from Late Jurassic intrusive rocks from Bangong Tso in western Tibet. <i>Lithos</i> , 2014, 205, 284-297.	0.6	140
366	Mantle upwelling during Permian to Triassic in the northern margin of the North China Craton: Constraints from southern Inner Mongolia. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 112-129.	1.0	36
367	Petrogenesis of Late Mesozoic granitoids and coeval mafic rocks from the Jiurui district in the Middle–Lower Yangtze metallogenic belt of Eastern China: Geochemical and Sr–Nd–Pb–Hf isotopic evidence. <i>Lithos</i> , 2014, 190-191, 467-484.	0.6	38
368	U–Pb and Lu–Hf isotopes applied to the evolution of the late to post-orogenic transtensional basins of the dom feliciano belt, Brazil. <i>Precambrian Research</i> , 2014, 246, 240-255.	1.2	40
369	Geochemical zonation across a Neoproterozoic orogenic belt: Isotopic evidence from granitoids and metasedimentary rocks of the Jiangnan orogen, China. <i>Precambrian Research</i> , 2014, 242, 154-171.	1.2	261
370	Geochemistry of Cenozoic basalts from the Bohai Bay Basin: Implications for a heterogeneous mantle source and lithospheric evolution beneath the eastern North China Craton. <i>Lithos</i> , 2014, 196-197, 54-66.	0.6	38
371	A geochemical evaluation of potential magma ocean dynamics using a parameterized model for perovskite crystallization. <i>Earth and Planetary Science Letters</i> , 2014, 392, 154-165.	1.8	11
372	Cretaceous Pacific plate movement beneath SE China: Evidence from episodic volcanism and related intrusions. <i>Tectonophysics</i> , 2014, 614, 170-184.	0.9	102
373	Tracing magma sources of three different S-type peraluminous granitoid series by in situ U–Pb geochronology and Hf isotope zircon composition: The Variscan Montes de Toledo batholith (central) Tj ETQq0 0 00gBT /Over block 10 Tf		
374	Early Neoproterozoic (~2.7 Ga) tectono-thermal events in the North China Craton: A synthesis. <i>Precambrian Research</i> , 2014, 247, 45-63.	1.2	158
375	Age constraints on late Mesozoic lithospheric extension and origin of bimodal volcanic rocks from the Hailar basin, NE China. <i>Lithos</i> , 2014, 190-191, 204-219.	0.6	43
376	The Paleozoic evolution of Central Tianshan: Geochemical and geochronological evidence. <i>Gondwana Research</i> , 2014, 25, 797-819.	3.0	130
377	Zircon U–Pb and Hf isotopic studies of the Xingxingxia Complex from Eastern Tianshan (NW China): Significance to the reconstruction and tectonics of the southern Central Asian Orogenic Belt. <i>Lithos</i> , 2014, 190-191, 485-499.	0.6	93
378	HFSE (High Field Strength Elements)-transport and U–Pb–Hf isotope homogenization mediated by Ca-bearing aqueous fluids at 2.04Ga: Constraints from zircon, monazite, and garnet of the Venetia Klippe, Limpopo Belt, South Africa. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 138, 81-100.	1.6	38
379	Hafnium and iron isotopes in early Archean komatiites record a plume-driven convection cycle in the Hadean Earth. <i>Earth and Planetary Science Letters</i> , 2014, 397, 111-120.	1.8	94
380	Constraints from loess on the Hf–Nd isotopic composition of the upper continental crust. <i>Earth and Planetary Science Letters</i> , 2014, 388, 48-58.	1.8	145
381	The Cadomian Orogen: Neoproterozoic to Early Cambrian crustal growth and orogenic zoning along the periphery of the West African Craton—Constraints from U–Pb zircon ages and Hf isotopes (Schwarzbürg Antiform, Germany). <i>Precambrian Research</i> , 2014, 244, 236-278.	1.2	245
382	Slab breakoff triggered ca. 113Ma magmatism around Xainza area of the Lhasa Terrane, Tibet. <i>Gondwana Research</i> , 2014, 26, 449-463.	3.0	148

#	ARTICLE	IF	CITATIONS
383	Dating subduction-zone metamorphism with combined garnet and lawsonite Lu-Hf geochronology. <i>Journal of Metamorphic Geology</i> , 2014, 32, 515-533.	1.6	39
384	Petrogenesis of 1000 Ma Felsic Tuffs, Chhattisgarh and Indravati Basins, Bastar Craton, India: Geochemical and Hf Isotope Constraints. <i>Journal of Geology</i> , 2014, 122, 43-54.	0.7	18
385	A Timanian foreland basin setting for the late Neoproterozoic-Early Palaeozoic cover sequences (Dividal Group) of northeastern Baltica. <i>Geological Society Special Publication</i> , 2014, 390, 157-175.	0.8	35
386	New geochemical and combined zircon U-Pb and Lu-Hf isotopic data of orthogneisses in the northern Altyn Tagh, northern margin of the Tibetan plateau: Implication for Archean evolution of the Dunhuang Block and crust formation in NW China. <i>Lithos</i> , 2014, 200-201, 418-431.	0.6	93
387	Fractionation of Sr and Hf isotopes by mineral sorting in Cascadia Basin terrigenous sediments. <i>Chemical Geology</i> , 2014, 382, 67-82.	1.4	29
388	Simultaneous in situ determination of U-Pb and Sm-Nd isotopes in monazite by laser ablation ICP-MS. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2575-2600.	1.0	36
389	The Neoarchean Storö Supracrustal Belt, Nuuk region, southern West Greenland: An arc-related basin with continent-derived sedimentation. <i>Precambrian Research</i> , 2014, 247, 208-222.	1.2	16
390	Crustal root of the Eastern Dharwar Craton: Zircon U-Pb age and Lu-Hf isotopic evolution of the East Salem Block, southeast India. <i>Precambrian Research</i> , 2014, 249, 229-246.	1.2	64
391	Origin of the Early Permian zircons in Keping basalts and magma evolution of the Tarim Large Igneous Province (northwestern China). <i>Lithos</i> , 2014, 204, 47-58.	0.6	23
392	Highly fractionated S-type granites from the giant Dahutang tungsten deposit in Jiangnan Orogen, Southeast China: geochronology, petrogenesis and their relationship with W-mineralization. <i>Lithos</i> , 2014, 202-203, 207-226.	0.6	180
393	Distinguishing between in-situ and accretionary growth of continents along active margins. <i>Lithos</i> , 2014, 202-203, 382-394.	0.6	64
394	Late Paleozoic intrusive rocks from the southeastern Lhasa terrane, Tibetan Plateau, and their Late Mesozoic metamorphism and tectonic implications. <i>Lithos</i> , 2014, 198-199, 249-262.	0.6	41
395	A young solidification age for the lunar magma ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 140, 227-240.	1.6	79
396	Petrogenesis and tectonic significance of Late Jurassic-Early Cretaceous volcanic-intrusive complex in the Tianhuashan basin, South China. <i>Ore Geology Reviews</i> , 2014, 56, 566-583.	1.1	33
398	Precambrian Crustal Evolution in the Great Falls Tectonic Zone: Insights from Xenoliths from the Montana Alkali Province. <i>Journal of Geology</i> , 2014, 122, 531-548.	0.7	20
399	The Cobb hot spot: HIMU-DMM mixing and melting controlled by a progressively thinning lithospheric lid. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3107-3122.	1.0	19
400	Accurate Hf isotope determinations of complex zircons using the laser ablation split stream method. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 121-139.	1.0	126
401	The reliability of ~4.29 Ga old Witwatersrand banded iron formations (South Africa) as archives for Mesoarchean seawater: Evidence from REE and Nd isotope systematics. <i>Journal of African Earth Sciences</i> , 2015, 111, 322-334.	0.9	39

#	ARTICLE	IF	CITATIONS
402	Geochronological constraints on the Hartbees River Thrust and Augrabies Nappe: New insights into the assembly of the Mesoproterozoic Namaqua-Natal Province of Southern Africa. <i>Precambrian Research</i> , 2015, 265, 150-165.	1.2	29
403	Geochronology of Mesoproterozoic hybrid intrusions in the Konkiep Terrane, Namibia, from passive to active continental margin in the Namaqua-Natal Wilson Cycle. <i>Precambrian Research</i> , 2015, 265, 166-188.	1.2	32
405	Westward Growth of Laurentia by Pre-“Late Jurassic Terrane Accretion, Eastern Oregon and Western Idaho, United States. <i>Journal of Geology</i> , 2015, 123, 233-267.	0.7	40
406	Clay-sized Hf-Nd-Sr isotopic composition of Mongolian dust as a fingerprint for regional to hemispherical transport. <i>Geophysical Research Letters</i> , 2015, 42, 5661-5669.	1.5	53
407	Hf-Nd isotopic variability in mineral dust from Chinese and Mongolian deserts: implications for sources and dispersal. <i>Scientific Reports</i> , 2014, 4, 5837.	1.6	51
408	Upper Cretaceous to Pleistocene melilitic volcanic rocks of the Bohemian Massif: petrology and mineral chemistry. <i>Geologica Carpathica</i> , 2015, 66, 197-216.	0.2	11
409	<sup>147</sup> Sm- <sup>143</sup> Nd and <sup>176</sup> Lu- <sup>176</sup> Hf systematics of eucrite and angrite meteorites. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1896-1911.	0.7	20
410	Early Paleozoic and Early Mesozoic intraplate tectonic and magmatic events in the Cathaysia Block, South China. <i>Tectonics</i> , 2015, 34, 1600-1621.	1.3	262
411	Petrogenesis of diabase from accretionary prism in the southern Qiangtang terrane, central Tibet: Evidence from U-Pb geochronology, petrochemistry and Sr-Nd-Hf-O isotope characteristics. <i>Island Arc</i> , 2015, 24, 232-244.	0.5	7
412	Zircon U-Pb Geochronology and Geochemical Characteristics of the Volcanic Host Rocks from the Tongyu VHMS Copper Deposit in the Western North Qinling Orogen and Their Geological Significance. <i>Acta Geologica Sinica</i> , 2015, 89, 1926-1946.	0.8	5
413	Provenance of the HP-HT subducted margin in the Variscan belt (Cabo Ortegal) Tj ETQq0 0 0 rgBT /Overlock	1.6	25
414	U-Pb and Hf isotope analysis of detrital zircons from Mesozoic strata of the Gravina belt, southeast Alaska. <i>Tectonics</i> , 2015, 34, 2052-2066.	1.3	36
416	Hafnium isotope characteristics of late Palaeoproterozoic magmatic rocks from Blekinge, southeast Sweden: possible correlation of small-scale Hf and Nd isotope variations in zircon and whole rocks. <i>Gff</i> , 2015, 137, 74-82.	0.4	6
417	U-PB AND HF ISOTOPE CONSTRAINTS FOR EMPLACEMENT OF THE NKANDLA GRANITE, SOUTHEASTERN KAAPVAAL CRATON, SOUTH AFRICA. <i>South African Journal of Geology</i> , 2015, 118, 119-128.	0.6	13
418	Constraints on the collision and the pre-collision tectonic configuration between India and Asia from detrital geochronology, thermochronology, and geochemistry studies in the lower Indus basin, Pakistan. <i>Earth and Planetary Science Letters</i> , 2015, 432, 363-373.	1.8	68
419	Ospe-“Luvtuaivench massif of metabasic rocks, Kola Peninsula, Russia: geologic structure and petrogeochemical and isotope geochemical evidence for its relation to the Imandra complex of layered intrusions. <i>Petrology</i> , 2015, 23, 421-450.	0.2	3
420	Zircon U-PB Age Data and HF Isotopic Signature of Kaapvaal Basement Granitoids from the Archaean White Mfolozí Inlier, Northern Kwazulu-Natal. <i>South African Journal of Geology</i> , 2015, 118, 473-488.	0.6	19
421	The volcano-sedimentary evolution of a post-Variscan intramontane basin in the Swiss Alps (Glarus) Tj ETQq1 1 0.784314 rgBT /Overlock of Earth Sciences, 2015, 104, 123-145.	0.9	13

#	ARTICLE	IF	CITATIONS
422	207Pb/206Pb ages and Hf isotope composition of zircons from sedimentary rocks of the Ukrainian shield: Crustal growth of the south-western part of East European craton from Archaean to Neoproterozoic. <i>Precambrian Research</i> , 2015, 260, 39-54.	1.2	52
423	Hf isotopes in detrital and inherited zircons of the Pilbara Craton provide no evidence for Hadean continents. <i>Precambrian Research</i> , 2015, 261, 112-126.	1.2	88
424	Stable Drainage Pattern and Variable Exhumation in the Western Himalaya since the Middle Miocene. <i>Journal of Geology</i> , 2015, 123, 1-20.	0.7	21
425	Origin of Silurian gabbros and I-type granites in central Fujian, SE China: Implications for the evolution of the early Paleozoic orogen of South China. <i>Lithos</i> , 2015, 216-217, 285-297.	0.6	69
426	Paleoproterozoic formation age for the Siberian cratonic mantle: Hf and Nd isotope data on refractory peridotite xenoliths from the Udachnaya kimberlite. <i>Chemical Geology</i> , 2015, 391, 42-55.	1.4	41
427	Provenance and depositional age of Paleoproterozoic metasedimentary rocks in the Kuluketage Block, northern Tarim Craton: Implications for tectonic setting and crustal growth. <i>Precambrian Research</i> , 2015, 260, 76-90.	1.2	31
428	Contrasting crustal evolution processes in the Dharwar craton: Insights from detrital zircon U <sup>235</sup> -Pb and Hf isotopes. <i>Gondwana Research</i> , 2015, 28, 1361-1372.	3.0	88
429	Ediacaran-Cambrian paleogeography and geodynamic setting of the Central Iberian Zone: Constraints from coupled U <sup>235</sup> -Pb-Hf isotopes of detrital zircons. <i>Precambrian Research</i> , 2015, 261, 234-251.	1.2	55
430	Combined U-Pb, Lu-Hf, Sm-Nd and Ar-Ar multichronometric dating on the Bailang eclogite constrains the closure timing of the Paleo-Tethys Ocean in the Lhasa terrane, Tibet. <i>Gondwana Research</i> , 2015, 28, 1482-1499.	3.0	66
431	Peralkaline and alkaline magmatism of the Ossa-Morena zone (SW Iberia): Age, source, and implications for the Paleozoic evolution of Gondwanan lithosphere. <i>Lithosphere</i> , 2015, 7, 73-90.	0.6	49
432	The source of Proterozoic anorthosite and rapakivi granite magmatism: evidence from combined <i>in situ</i> Hf <sup>177</sup> -O isotopes of zircon in the Ahvenisto complex, southeastern Finland. <i>Journal of the Geological Society</i> , 2015, 172, 103-112.	0.9	32
433	The Nhlngano gneiss dome in south-west Swaziland - A record of crustal destabilization of the eastern Kaapvaal craton in the Neoarchaean. <i>Precambrian Research</i> , 2015, 258, 109-132.	1.2	25
434	Sm <sup>147</sup> -Nd systematics of lunar ferroan anorthositic suite rocks: Constraints on lunar crust formation. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 148, 203-218.	1.6	36
435	Geological characteristics and genesis of the Jurassic No. 1 porphyry Cu <sup>63</sup> -Au deposit in the Xiongkun district, Gangdese porphyry copper belt, Tibet. <i>Ore Geology Reviews</i> , 2015, 70, 438-456.	1.1	94
436	Episodic refertilization and metasomatism of Archean mantle: evidence from an orogenic peridotite in North Qaidam (NE Tibet, China). <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	1.2	33
437	Charnockites and UHT metamorphism in the Bakhuis Granulite Belt, western Suriname: Evidence for two separate UHT events. <i>Precambrian Research</i> , 2015, 262, 1-19.	1.2	36
438	The formation of Qulong adakites and their relationship with porphyry copper deposit: Geochemical constraints. <i>Lithos</i> , 2015, 220-223, 60-80.	0.6	51
439	Mesoproterozoic continental growth: U <sup>235</sup> -Pb-Hf <sup>177</sup> -O zircon record in the Idefjorden Terrane, Sveconorwegian Orogen. <i>Precambrian Research</i> , 2015, 261, 75-95.	1.2	32

#	ARTICLE	IF	CITATIONS
440	Selective ingress of a Samoan plume component into the northern Lau backarc basin. <i>Nature Communications</i> , 2015, 6, 6554.	5.8	17
441	Archean-Paleoproterozoic crustal evolution of the Ordos Block in the North China Craton: Constraints from zircon U-Pb geochronology and Hf isotopes for gneissic granitoids of the basement. <i>Precambrian Research</i> , 2015, 267, 121-136.	1.2	78
442	Widespread late Neoproterozoic reworking of Meso- to Paleoproterozoic continental crust in the Anshan-Benxi area, North China Craton, as documented by U-Pb-Nd-Hf-O isotopes. <i>Numerische Mathematik</i> , 2015, 315, 620-670.	0.7	96
443	Protocrustal evolution of the Nuvvuagittuq Supracrustal Belt as determined by high precision zircon Lu-Hf and U-Pb isotope data. <i>Earth and Planetary Science Letters</i> , 2015, 428, 162-171.	1.8	23
444	Middle Jurassic oceanic island igneous rocks of the Raohe accretionary complex, northeastern China: Petrogenesis and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2015, 111, 120-137.	1.0	44
445	Cathodoluminescence guided zircon Hf isotope depth profiling: Mobilization of the Lu-Hf system during (U)HP rock exhumation in the Woodlark Rift, Papua New Guinea. <i>Lithos</i> , 2015, 220-223, 81-96.	0.6	7
446	The Precambrian tectonic evolution of the western Jiangnan Orogen and western Cathaysia Block: Evidence from detrital zircon age spectra and geochemistry of clastic rocks. <i>Precambrian Research</i> , 2015, 268, 33-60.	1.2	35
447	Geodynamic controls on the contamination of Cenozoic arc magmas in the southern Central Andes: Insights from the O and Hf isotopic composition of zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 386-402.	1.6	64
448	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
449	Zircon U-Pb, Hf and O isotope constraints on growth versus reworking of continental crust in the subsurface Grenville orogen, Ohio, USA. <i>Precambrian Research</i> , 2015, 265, 313-327.	1.2	22
450	Secondary Ion Mass Spectrometry (SIMS). <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 739-740.	0.1	1
451	Orosirian (ca. 1.96 Ga) mafic crust of the northwestern São Francisco Craton margin: Petrography, geochemistry and geochronology of amphibolites from the Rio Preto fold belt basement, NE Brazil. <i>Journal of South American Earth Sciences</i> , 2015, 59, 95-111.	0.6	29
452	Late Cretaceous evolution of the Coqen Basin (Lhasa terrane) and implications for early topographic growth on the Tibetan Plateau. <i>Bulletin of the Geological Society of America</i> , 0, B31137.1.	1.6	16
453	Connections between the bulk composition, geodynamics and habitability of Earth. <i>Nature Geoscience</i> , 2015, 8, 587-593.	5.4	54
454	Meteoric <sup>10</sup> Be. <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 547-548.	0.1	0
455	Age, nature, and origin of Ordovician Zhibenshan granite from the Baoshan terrane in the Sanjiang region and its significance for understanding Proto-Tethys evolution. <i>International Geology Review</i> , 2015, 57, 1922-1939.	1.1	61
456	Combined geochemistry and geochronology constrains coupled subduction of oceanic and continental crust in the Huwan shear zone, central China. <i>American Mineralogist</i> , 2015, 100, 181-194.	0.9	8
457	Age Constraints on Late Mesozoic Lithospheric Extension and Origin of Felsic Volcanism in the Songliao Basin, NE China. <i>Journal of Geology</i> , 2015, 123, 153-175.	0.7	18

#	ARTICLE	IF	CITATIONS
458	Thulium anomalies and rare earth element patterns in meteorites and Earth: Nebular fractionation and the nugget effect. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 163, 234-261.	1.6	65
459	Earliest ultra-depleted mantle domains inferred from ca. 3.81 Ga Anshan trondhjemitic gneisses, North China Craton. <i>Precambrian Research</i> , 2015, 263, 88-107.	1.2	91
460	Evolution of Mojavian mantle lithosphere influenced by Farallon plate subduction: Evidence from Hf and Nd isotopes in peridotite xenoliths from Dish Hill, CA. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 159, 264-284.	1.6	9
461	A Cambrian intra-oceanic subduction system in the Bozshakol area, Kazakhstan. <i>Lithos</i> , 2015, 224-225, 61-77.	0.6	52
462	Integrated O <sup>18</sup> -Sr <sup>87</sup> -Nd isotope constraints on the evolution of four important Fe <sup>3+</sup> -Ti oxide ore-bearing mafic-ultramafic intrusions in the Emeishan large igneous province, SW China. <i>Chemical Geology</i> , 2015, 401, 28-42.	1.4	23
463	Hydrothermal alteration and melting of the crust during the Columbia River Basalt-Snake River Plain transition and the origin of low- $\delta^{18}O$ rhyolites of the central Snake River Plain. <i>Lithos</i> , 2015, 224-225, 310-323.	0.6	30
464	Petrogenesis and tectonic setting of Triassic granitoids in the Qiangtang terrane, central Tibet: Evidence from U <sup>238</sup> -Pb ages, petrochemistry and Sr <sup>87</sup> -Nd <sup>143</sup> -Hf isotopes. <i>Journal of Asian Earth Sciences</i> , 2015, 105, 443-455.	1.0	49
465	Geochemical characteristics of the Permian basins and their provenances across the Solonker Suture Zone: Assessment of net crustal growth during the closure of the Palaeo-Asian Ocean. <i>Lithos</i> , 2015, 224-225, 240-255.	0.6	82
466	Provenance of the Variscan Upper Allochthon (Cabo Ortegal Complex, NW Iberian Massif). <i>Gondwana Research</i> , 2015, 28, 1434-1448.	3.0	54
467	Lu <sup>176</sup> -Hf zircon and Sm <sup>147</sup> -Nd whole-rock isotope constraints on the extent of juvenile arc crust in Avalonia: examples from Newfoundland and Nova Scotia, Canada. <i>Canadian Journal of Earth Sciences</i> , 2015, 52, 161-181.	0.6	50
468	Did diamond-bearing orangeites originate from MARID-veined peridotites in the lithospheric mantle?. <i>Nature Communications</i> , 2015, 6, 6837.	5.8	78
469	U <sup>238</sup> -Pb ages and Hf isotopic composition of zircons in Austrian last glacial loess: constraints on heavy mineral sources and sediment transport pathways. <i>International Journal of Earth Sciences</i> , 2015, 104, 1365-1385.	0.9	21
470	Meteorite zircon constraints on the bulk Lu <sup>176</sup> -Hf isotope composition and early differentiation of the Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5331-5336.	3.3	77
471	Age and origin of the Bulangshan and Mengsong granitoids and their significance for post-collisional tectonics in the Changning-Menglian Paleo-Tethys Orogen. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 656-676.	1.0	61
472	The detrital zircon U <sup>238</sup> -Pb-Hf fingerprint of the northern Arabian-Nubian Shield as reflected by a Late Ediacaran arkosic wedge (Zenifim Formation; subsurface Israel). <i>Precambrian Research</i> , 2015, 266, 1-11.	1.2	51
473	The Role of Subducted Basalt in the Source of Island Arc Magmas: Evidence from Seafloor Lavas of the Western Aleutians. <i>Journal of Petrology</i> , 2015, 56, 441-492.	1.1	96
474	Geochronology and geochemistry of Late Ordovician-Early Devonian gneissic granites in the Kumishi area, northern margin of the South Tianshan Belt: Constraints on subduction process of the South Tianshan Ocean. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 293-309.	1.0	21
475	Chemical Geodynamics in a Non-chondritic Earth. , 2015, , 329-366.		2

#	ARTICLE	IF	CITATIONS
476	Sources of rare-metal-bearing A-type granites from Jabel Sayed complex, Northern Arabian Shield, Saudi Arabia. <i>Journal of Asian Earth Sciences</i> , 2015, 107, 244-258.	1.0	41
477	Zircon U-Pb geochronology and Hf isotopic constraints on the petrogenesis of Early Triassic granites in the Wulonggou area of the Eastern Kunlun Orogen, Northwest China. <i>International Geology Review</i> , 2015, 57, 1735-1754.	1.1	43
478	Thickened juvenile lower crust-derived ~ 90 Ma adakitic rocks in the central Lhasa terrane, Tibet. <i>Lithos</i> , 2015, 224-225, 225-239.	0.6	65
479	Paleoproterozoic I-type granites and their implications for the Yangtze block position in the Columbia supercontinent: Evidence from the Lengshui Complex, South China. <i>Precambrian Research</i> , 2015, 263, 157-173.	1.2	87
480	Cadomian basement and Paleozoic to Triassic siliciclastics of the Taurides (Karacahisar dome), Turkey. <i>Tectonophysics</i> , 2015, 582, 10-22.	0.6	82
481	Mesoproterozoic-trans-Laurentian magmatism: A synthesis of continent-wide age distributions, new SIMS U-Pb ages, zircon saturation temperatures, and Hf and Nd isotopic compositions. <i>Precambrian Research</i> , 2015, 265, 286-312.	1.2	159
482	New data of the Bayan Obo Fe-REE-Nb deposit, Inner Mongolia: Implications for ore genesis. <i>Precambrian Research</i> , 2015, 263, 108-122.	1.2	35
483	Elemental and Sr-Nd-Hf isotopic constraints on the origin of Late Jurassic adakitic granodiorite in central Fujian province, southeast China. <i>Mineralogy and Petrology</i> , 2015, 109, 501-518.	0.4	12
484	Geology, geochronology, and Hf isotope geochemistry of the Longtougang skarn and hydrothermal vein Cu-Zn deposit, North Wuyi area, southeastern China. <i>Ore Geology Reviews</i> , 2015, 70, 136-150.	1.1	23
485	Distinctly different parental magmas for calc-alkaline plutons and tholeiitic lavas in the central and eastern Aleutian arc. <i>Earth and Planetary Science Letters</i> , 2015, 431, 119-126.	1.8	26
486	<sup>147</sup> Sm- <sup>143</sup> Nd, <sup>176</sup> Lu- <sup>176</sup> Hf, and <sup>87</sup> Rb- <sup>87</sup> Sr systematics in the angrites: Implications for chronology and processes on the angrite parent body. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 171, 80-99.	1.6	34
487	Ce isotope systematics of island arc lavas from the Lesser Antilles. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 168, 261-279.	1.6	23
488	Secular changes of water chemistry in shallow-water Ediacaran ocean: Evidence from carbonates at Xiaofenghe, Three Gorges area, Yangtze Platform, South China. <i>Precambrian Research</i> , 2015, 270, 50-79.	1.2	25
489	Geochemistry of the Krivoy Rog Banded Iron Formation, Ukraine, and the impact of peak episodes of increased global magmatic activity on the trace element composition of Precambrian seawater. <i>Precambrian Research</i> , 2015, 270, 165-180.	1.2	83
490	Unraveling crustal growth and reworking processes in complex zircons from orogenic lower-crust: The Proterozoic Putumayo Orogen of Amazonia. <i>Precambrian Research</i> , 2015, 267, 285-310.	1.2	66
491	Eocene magmatic processes and crustal thickening in southern Tibet: Insights from strongly fractionated ca. 43Ma granites in the western Gangdese Batholith. <i>Lithos</i> , 2015, 239, 128-141.	0.6	52
492	Neoproterozoic (ca. 820-830 Ma) mafic dykes at Olympic Dam, South Australia: Links with the Gairdner Large Igneous Province. <i>Precambrian Research</i> , 2015, 271, 160-172.	1.2	51
493	The anatectic effect on the zircon Hf isotope composition of migmatites and associated granites. <i>Lithos</i> , 2015, 238, 174-184.	0.6	49

#	ARTICLE	IF	CITATIONS
494	The Archean-Paleoproterozoic crustal evolution in the Dunhuang region, NW China: Constraints from zircon U <sup>235</sup> /Pb geochronology and in situ Hf isotopes. <i>Precambrian Research</i> , 2015, 271, 83-97.	1.2	56
495	A rapid and efficient ion-exchange chromatography for Lu <sup>176</sup> /Hf, Sm <sup>147</sup> /Nd, and Rb <sup>87</sup> /Sr geochronology and the routine isotope analysis of sub-ng amounts of Hf by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 2323-2333.	1.6	52
496	Sm-Nd and Lu-Hf isotope and trace-element systematics of Mesoarchaeon amphibolites, inner Ameralik fjord, southern West Greenland. <i>Mineralogical Magazine</i> , 2015, 79, 857-876.	0.6	15
497	Southwestern Laurentian zircons in Upper Cretaceous flysch of the Chugach-Prince William terrane in Alaska. <i>Numerische Mathematik</i> , 2015, 315, 537-556.	0.7	59
498	Source components and magmatic processes in the genesis of Miocene to Quaternary lavas in western Turkey: constraints from HSE distribution and Hf <sup>177</sup> /Pb <sup>206</sup> /Os isotopes. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	1.2	23
499	Middle Neoproterozoic (~1484Ma) continental arc magmatism along the northwest side of the Jiangshan-Shaoxing suture, South China: Geochronology, geochemistry, petrogenesis and tectonic implications. <i>Precambrian Research</i> , 2015, 268, 212-226.	1.2	29
500	The Permian Dongfanghong island-arc gabbro of the Wandashan Orogen, NE China: Implications for Paleo-Pacific subduction. <i>Tectonophysics</i> , 2015, 659, 122-136.	0.9	119
501	Cretaceous crust-mantle interaction and tectonic evolution of Cathaysia Block in South China: Evidence from pulsed mafic rocks and related magmatism. <i>Tectonophysics</i> , 2015, 661, 136-155.	0.9	29
502	Permian age of orogenic thickening and crustal melting in the Garm Block, South Tien Shan, Tajikistan. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 711-727.	1.0	29
503	Assessment of hafnium and iron isotope compositions of Chinese national igneous rock standard materials GSR-1 (granite), GSR-2 (andesite), and GSR-3 (basalt). <i>International Journal of Mass Spectrometry</i> , 2015, 386, 61-66.	0.7	11
504	Magmatic Evidence for Carbonate Metasomatism in the Lithospheric Mantle underneath the Oh <sup>4</sup> Me (Eger) Rift. <i>Journal of Petrology</i> , 2015, 56, 1743-1774.	1.1	33
505	Neoproterozoic active continental margin of the Cathaysia block: Evidence from geochronology, geochemistry, and Nd <sup>143</sup> /Hf isotopes of igneous complexes. <i>Precambrian Research</i> , 2015, 269, 195-216.	1.2	41
506	Sources and evolution of initial melts of Archean $\epsilon$ -Gray gneisses: Trace-element composition and Lu-Hf isotope systematics of zircon from plagiogneisses of the Kola superdeep well and the surrounding area. <i>Doklady Earth Sciences</i> , 2015, 463, 712-714.	0.2	0
507	Pinwarian to Grenvillian magmatic evolution in the central Grenville Province: new constraints from ID <sup>207</sup> -TIMS U <sup>235</sup> /Pb ages and coupled Lu <sup>176</sup> /Hf $\epsilon$ -MC <sup>143</sup> -ICP <sup>176</sup> -MS data. <i>Canadian Journal of Earth Sciences</i> , 2015, 52, 701-721.	1.5	23
508	Role of crustal contribution in the early stage of the Damara Orogen, Namibia: New constraints from combined U <sup>235</sup> /Pb and Lu <sup>176</sup> /Hf isotopes from the Goas Magmatic Complex. <i>Gondwana Research</i> , 2015, 28, 961-986.	3.0	37
509	Formation and Evolution of Archean Continental Crust of the North China Craton. <i>Springer Geology</i> , 2015, , 59-136.	0.2	60
510	Early Paleozoic intracontinental felsic magmatism in the South China Block: Petrogenesis and geodynamics. <i>Lithos</i> , 2015, 234-235, 79-92.	0.6	39
511	Petrogenesis of Neoproterozoic adakitic tonalites and high-K granites in the eastern Songpan-Ganze Fold Belt and implications for the tectonic evolution of the western Yangtze Block. <i>Precambrian Research</i> , 2015, 270, 181-203.	1.2	40

#	ARTICLE	IF	CITATIONS
512	Rare earth elements and neodymium isotopes in world river sediments revisited. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 170, 17-38.	1.6	239
513	A linear Hf isotope-age array despite different granitoid sources and complex Archean geodynamics: Example from the Pietersburg block (South Africa). <i>Earth and Planetary Science Letters</i> , 2015, 430, 326-338.	1.8	106
514	An imbricate midcrustal suture zone: The Mojave-Yavapai Province boundary in Grand Canyon, Arizona. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 1391-1410.	1.6	19
515	Episodic Paleoproterozoic (3.3–2.0 Ga) granitoid magmatism in Yangtze Craton, South China: Implications for late Archean tectonics. <i>Precambrian Research</i> , 2015, 270, 246-266.	1.2	125
516	Mesoproterozoic continental arc magmatism and crustal growth in the eastern Central Tianshan Arc Terrane of the southern Central Asian Orogenic Belt: Geochronological and geochemical evidence. <i>Lithos</i> , 2015, 236-237, 74-89.	0.6	118
517	Barium stable isotope composition of the Earth, meteorites, and calcium–aluminum-rich inclusions. <i>Chemical Geology</i> , 2015, 413, 1-6.	1.4	17
518	Hf and Nd isotope systematics of early Archean komatiites from surface sampling and ICDP drilling in the Barberton Greenstone Belt, South Africa. <i>American Mineralogist</i> , 2015, 100, 2396-2411.	0.9	47
519	An Early Cretaceous garnet pressure–temperature path recording synconvergent burial and exhumation from the hinterland of the Sevier orogenic belt, Albion Mountains, Idaho. <i>Contributions To Mineralogy and Petrology</i> , 2015, 170, 1.	1.2	23
520	Decoding polyphase migmatites using geochronology and phase equilibria modelling. <i>Journal of Metamorphic Geology</i> , 2015, 33, 203-230.	1.6	54
521	A subduction-related metasomatically enriched mantle origin for the Luoboling and Zhongliao Cretaceous granitoids from South China: implications for magma evolution and Cu–Mo mineralization. <i>International Geology Review</i> , 2015, 57, 1239-1266.	1.1	36
522	Constraints on the mantle mineralogy of an ultra-slow ridge: Hafnium isotopes in abyssal peridotites and basalts from the 9–25°E Southwest Indian Ridge. <i>Earth and Planetary Science Letters</i> , 2015, 410, 42-53.	1.8	35
523	Zircon U–Pb ages, geochemistry, and Nd–Hf isotopes of the TTC gneisses from the Jiaobei terrane: Implications for Neoproterozoic crustal evolution in the North China Craton. <i>Journal of Asian Earth Sciences</i> , 2015, 98, 61-74.	1.0	54
524	Paleocene adakitic porphyry in the northern Qiangtang area, north-central Tibet: Evidence for early uplift of the Tibetan Plateau. <i>Lithos</i> , 2015, 212-215, 45-58.	0.6	22
525	Formation of the Kokchetav subduction–collision zone (northern Kazakhstan): Insights from zircon U–Pb and Lu–Hf isotope systematics. <i>Gondwana Research</i> , 2015, 27, 424-438.	3.0	44
526	Cambrian ultrapotassic rhyolites from the Lhasa terrane, south Tibet: Evidence for Andean-type magmatism along the northern active margin of Gondwana. <i>Gondwana Research</i> , 2015, 27, 1616-1629.	3.0	81
527	Early Permian slab breakoff in the Chinese Tianshan belt inferred from the post-collisional granitoids. <i>Gondwana Research</i> , 2015, 27, 228-243.	3.0	79
528	Zircon U–Pb and Hf–Nd isotopes from the eastern part of the Sveconorwegian Orogen, SW Sweden: implications for the growth of Fennoscandia. <i>Geological Society Special Publication</i> , 2015, 389, 281-303.	0.8	27
529	The oldest crust in the Ukrainian Shield – Eoarchean U–Pb ages and Hf–Nd constraints from enderbites and metasediments. <i>Geological Society Special Publication</i> , 2015, 389, 227-259.	0.8	31

#	ARTICLE	IF	CITATIONS
530	U <sup>235</sup> -Pb age and Lu <sup>176</sup> -Hf isotopic data of detrital zircons from the Neoproterozoic Damara Sequence: Implications for Congo and Kalahari before Gondwana. <i>Gondwana Research</i> , 2015, 28, 179-190.	3.0	74
531	Gondwana margin evolution from zircon REE, O and Hf signatures of Western Province gneisses, Zealandia. <i>Geological Society Special Publication</i> , 2015, 389, 323-353.	0.8	12
532	U <sup>235</sup> -Pb zircon geochronology and Hf <sup>176</sup> -Nd isotopic systematics of Wadi Beitan granitoid gneisses, South Eastern Desert, Egypt. <i>Gondwana Research</i> , 2015, 27, 811-824.	3.0	70
533	The Eoarchaean foundation of the North Atlantic Craton. <i>Geological Society Special Publication</i> , 2015, 389, 261-279.	0.8	8
534	Geochronology, geochemistry and Sr <sup>87</sup> -Nd <sup>143</sup> -Hf isotopes of mafic dikes in the Huicheng Basin: Constraints on intracontinental extension of the Qinling orogen. <i>Journal of Asian Earth Sciences</i> , 2015, 104, 115-126.	1.0	11
535	Molybdenite Re <sup>187</sup> -Os, zircon U <sup>235</sup> -Pb dating and Hf isotopic analysis of the Shuangqing Fe <sup>57</sup> -Pb <sup>206</sup> -Zn <sup>66</sup> -Cu skarn deposit, East Kunlun Mountains, Qinghai Province, China. <i>Ore Geology Reviews</i> , 2015, 66, 114-131.	1.1	52
536	Geochemical and Sm <sup>147</sup> -Nd isotopic characteristics of the Late Archaean-Palaeoproterozoic Dhanjori and Chaibasa metasedimentary rocks, Singhbhum craton, E. India: Implications for provenance, and contemporary basin tectonics. <i>Precambrian Research</i> , 2015, 256, 62-78.	1.2	24
537	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
538	The four Neoproterozoic glaciations of southern Namibia and their detrital zircon record: The fingerprints of four crustal growth events during two supercontinent cycles. <i>Precambrian Research</i> , 2015, 259, 176-188.	1.2	45
539	Palaeoproterozoic ancestry of Pan-African high-grade granitoids in southernmost India: Implications for Gondwana reconstructions. <i>Gondwana Research</i> , 2015, 27, 1-37.	3.0	63
540	Zircon U <sup>235</sup> -Pb dating, geochemistry and Sr <sup>87</sup> -Nd <sup>143</sup> -Pb <sup>206</sup> -Hf isotopes of the Wajilitag alkali mafic dikes, and associated diorite and syenitic rocks: Implications for magmatic evolution of the Tarim large igneous province. <i>Lithos</i> , 2015, 212-215, 428-442.	0.6	32
541	Petrogenesis and tectonic implications of the late Jurassic basic rocks from the northern Shi <sup>1</sup> -Hang zone, Southeast China. <i>Island Arc</i> , 2016, 25, 235-250.	0.5	3
542	From source-to-sink: The Late Permian SW Gondwana paleogeography and sedimentary dispersion unraveled by a multi-proxy analysis. <i>Journal of South American Earth Sciences</i> , 2016, 70, 368-382.	0.6	23
543	The fate of zircon during UHT <sup>1</sup> UHP <sup>2</sup> metamorphism: isotopic (U/Pb, Tj ETQq1 1 0.784314 rgBT / Qverlock 10	1.6	29
544	Dual provenance signatures of the Triassic northern Laurentian margin from detrital-zircon U-Pb and Hf-isotope analysis of Triassic <sup>1</sup> Jurassic strata in the Sverdrup Basin. <i>Lithosphere</i> , 2016, 8, 668-683.	0.6	27
545	Distinct zircon U <sup>235</sup> -Pb and O <sup>18</sup> -Hf <sup>176</sup> -Nd <sup>143</sup> -Sr isotopic behaviour during fluid flow in UHP <sup>1</sup> metamorphic rocks: evidence from metamorphic veins and their host eclogite in the Sulu Orogen, China. <i>Journal of Metamorphic Geology</i> , 2016, 34, 343-362.	1.6	18
546	Devonian Nb-enriched basalts and andesites of north-central Tibet: Evidence for the early subduction of the Paleo-Tethyan oceanic crust beneath the North Qiangtang Block. <i>Tectonophysics</i> , 2016, 682, 96-107.	0.9	31
547	Late Jurassic-Cretaceous fluvial evolution of central Africa: Insights from the Kasai-Congo Basin, Democratic Republic Congo. <i>Cretaceous Research</i> , 2016, 67, 25-43.	0.6	14

#	ARTICLE	IF	CITATIONS
548	Jurassic zircons from the Southwest Indian Ridge. <i>Scientific Reports</i> , 2016, 6, 26260.	1.6	19
549	Geochronology, geochemistry and Hf <sup>176</sup> -Sr <sup>87</sup> -Nd isotopes of the ore-bearing syenite from the Shapinggou porphyry Mo deposit, East Qinling-Dabie orogenic belt. <i>Solid Earth Sciences</i> , 2016, 1, 101-117.	0.8	8
550	Geochemical constraints on the origin of Late Mesozoic andesites from the Ningwu basin in the Middle-Lower Yangtze Valley, South China. <i>Lithos</i> , 2016, 254-255, 94-117.	0.6	36
551	Where was the Ailaoshan Ocean and when did it open: A perspective based on detrital zircon U <sup>238</sup> -Pb age and Hf isotope evidence. <i>Gondwana Research</i> , 2016, 36, 488-502.	3.0	76
552	The Chondritic Moon: a solution to the 142Nd conundrum and implications for terrestrial mantle evolution. <i>Geological Magazine</i> , 2016, 153, 548-555.	0.9	4
553	Geochemistry and age of Shatsky, Hess, and Ojin Rise seamounts: Implications for a connection between the Shatsky and Hess Rises. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 302-327.	1.6	28
554	Petrogenesis of a Neoproterozoic magmatic arc hosting porphyry Cu-Au mineralization at Jebel Ohier in the Gebelt Terrane, NE Sudan. <i>Ore Geology Reviews</i> , 2016, 79, 133-154.	1.1	24
555	Variations in zircon Hf isotopes support earliest Proterozoic Wilson cycle tectonics on the Canadian Shield. <i>Precambrian Research</i> , 2016, 280, 279-289.	1.2	5
556	U <sup>238</sup> -Pb <sup>206</sup> -Hf isotope systematics of detrital zircons in high-grade paragneisses of the Ancient Gneiss Complex, Swaziland: Evidence for two periods of juvenile crust formation, Paleo- and Mesoarchean sediment deposition, and 3.23 Ga terrane accretion. <i>Precambrian Research</i> , 2016, 280, 205-220.	1.2	25
557	Petrological, Geochemical and Sr <sup>87</sup> -Nd <sup>143</sup> -O Isotopic Constraints on the Origin of Garnet and Spinel Pyroxenites from the Moldanubian Zone of the Bohemian Massif. <i>Journal of Petrology</i> , 2016, 57, 897-920.	1.1	30
558	Is the mantle chemically stratified? Insights from sound velocity modeling and isotope evolution of an early magma ocean. <i>Earth and Planetary Science Letters</i> , 2016, 440, 158-168.	1.8	9
559	Zircon Hf signatures from granitic orthogneisses of the Spanish Central System: Significance and sources of the Cambro-Ordovician magmatism in the Iberian Variscan Belt. <i>Gondwana Research</i> , 2016, 34, 60-83.	3.0	45
560	Re <sup>187</sup> -Os and Lu <sup>176</sup> -Hf isotopic constraints on the formation and age of mantle pyroxenites from the Bohemian Massif. <i>Lithos</i> , 2016, 256-257, 197-210.	0.6	31
561	Detrital zircon U-Pb geochronology and Hf isotope geochemistry of the Roberts Mountains allochthon: New insights into the early Paleozoic tectonics of western North America. , 2016, 12, 1016-1031.		33
562	Low-Sulfide PGE ores in paleoproterozoic Monchegorsk pluton and massifs of its southern framing, Kola Peninsula, Russia: Geological characteristic and isotopic geochronological evidence of polychronous ore-magmatic systems. <i>Geology of Ore Deposits</i> , 2016, 58, 37-57.	0.2	24
563	Geochemistry, zircon U <sup>238</sup> -Pb age and Hf isotopes of the North Muya block granitoids (Central Asian) Tj ETQq1 1 0.784314 rgBT /Ove Precambrian Research, 2016, 280, 14-30.	1.2	7
564	Constraints on the magmatic evolution of the oceanic crust from plagiogranite intrusions in the Oman ophiolite. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	37
565	Petrogenesis and tectonic implications of the Yadong leucogranites, southern Himalaya. <i>Lithos</i> , 2016, 256-257, 300-310.	0.6	44

#	ARTICLE	IF	CITATIONS
566	Chronology of the oldest supracrustal sequences in the Palaeoarchaeon Barberton Greenstone Belt, South Africa and Swaziland. <i>Precambrian Research</i> , 2016, 279, 123-143.	1.2	55
567	U–Pb zircon, geochemical and Sr–Nd–Hf–O isotopic constraints on age and origin of the ore-bearing intrusions from the Nurkazgan porphyry Cu–Au deposit in Kazakhstan. <i>Journal of Asian Earth Sciences</i> , 2016, 116, 232-248.	1.0	17
568	Exotic crustal components at the northern margin of the Bohemian Massif—Implications from U–Th–Pb and Hf isotopes of zircon from the Saxonian Granulite Massif. <i>Tectonophysics</i> , 2016, 681, 234-249.	0.9	18
569	Petrogenesis of coeval sodic and potassic alkaline magmas at Spanish Peaks, Colorado: Magmatism related to the opening of the Rio Grande rift. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 453-476.	1.6	10
570	The Nadun Cu–Au mineralization, central Tibet: Root of a high sulfidation epithermal deposit. <i>Ore Geology Reviews</i> , 2016, 78, 371-387.	1.1	34
572	Early Cretaceous potassic volcanic rocks in the Jiangnan Orogenic Belt, East China: Crustal melting in response to subduction of the Pacific–Izanagi ridge?. <i>Chemical Geology</i> , 2016, 437, 30-43.	1.4	32
573	Zircon U–Pb dating, geochemical and Sr–Nd–Hf isotopic characteristics of the Jintonghu monzonitic rocks in western Fujian Province, South China: Implication for Cretaceous crust–mantle interactions and lithospheric extension. <i>Lithos</i> , 2016, 260, 413-428.	0.6	30
574	The ages and tectonic setting of the Faja Eruptiva de la Puna Oriental, Ordovician, NW Argentina. <i>Lithos</i> , 2016, 256-257, 41-54.	0.6	46
575	Dating layered websterite formation in the lithospheric mantle. <i>Earth and Planetary Science Letters</i> , 2016, 454, 103-112.	1.8	12
576	Hafnium Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-6.	0.1	0
577	Combined bulk-rock Hf- and Nd-isotope compositions of Mesoarchean metavolcanic rocks from the Ivsaartoq Supracrustal Belt, SW Greenland: Deviations from the mantle array caused by crustal recycling. <i>Chemie Der Erde</i> , 2016, 76, 543-554.	0.8	15
578	Stable and radiogenic isotope constraints on the magmatic and hydrothermal evolution of the Nechalacho Layered Suite, northwest Canada. <i>Chemical Geology</i> , 2016, 440, 248-274.	1.4	12
579	Contrasting source domains for the Phanerozoic granitoids in South Korea revealed by zircon Hf isotopic signatures. <i>Geosciences Journal</i> , 2016, 20, 585-596.	0.6	6
580	Geochronology and geochemistry of Late Cretaceous–Paleocene granitoids in the Sikhote-Alin Orogenic Belt: Petrogenesis and implications for the oblique subduction of the paleo-Pacific plate. <i>Lithos</i> , 2016, 266-267, 202-212.	0.6	47
581	Petrochronological Constraints on the Origin of the Mountain Pass Ultrapotassic and Carbonatite Intrusive Suite, California. <i>Journal of Petrology</i> , 0, , egw050.	1.1	18
582	Tectono-magmatic evolution of the Chihuahua-Sinaloa border region in northern Mexico: Insights from zircon-apatite U–Pb geochronology, zircon Hf isotope composition and geochemistry of granodiorite intrusions. <i>Lithos</i> , 2016, 264, 555-576.	0.6	10
583	Petrogenesis of ultramafics in the Neoproterozoic Veligallu greenstone terrane, eastern Dharwar craton, India: Constraints from bulk-rock geochemistry and Lu–Hf isotopes. <i>Precambrian Research</i> , 2016, 285, 186-201.	1.2	27
584	Geochemical characterisation of Neoproterozoic marine habitats: Evidence from trace elements and Nd isotopes in the Urucum iron and manganese formations, Brazil. <i>Precambrian Research</i> , 2016, 282, 74-96.	1.2	42

#	ARTICLE	IF	CITATIONS
585	Relationship of the Tarim Craton to the Central Asian Orogenic Belt: insights from Devonian intrusions in the northern margin of Tarim Craton, China. <i>International Geology Review</i> , 2016, 58, 2007-2028.	1.1	16
586	From Source to Sink: Petrogenesis of Cretaceous Anatectic Granites from the Fosdick Migmatite-Granite Complex, West Antarctica. <i>Journal of Petrology</i> , 2016, 57, 1241-1278.	1.1	53
587	Partial melting of subducted paleo-Pacific plate during the early Cretaceous: Constraint from adakitic rocks in the Shaxi porphyry Cu-Au deposit, Lower Yangtze River Belt. <i>Lithos</i> , 2016, 262, 651-667.	0.6	78
588	Hafnium. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-3.	0.1	1
589	Magmatic history and crustal genesis of western South America: Constraints from U-Pb ages and Hf isotopes of detrital zircons in modern rivers. , 2016, 12, 1532-1555.		87
590	Slab-derived adakites and subslab asthenosphere-derived OIB-type rocks at 156 ± 2 Ma from the north of Gerze, central Tibet: Records of the Bangong-Nujiang oceanic ridge subduction during the Late Jurassic. <i>Lithos</i> , 2016, 262, 456-469.	0.6	78
591	Cosmochemical and spectroscopic properties of Northwest Africa 7325-A consortium study. <i>Meteoritics and Planetary Science</i> , 2016, 51, 3-30.	0.7	32
592	Zircon U-Pb and Molybdenite Re-Os Ages of the Lakange Porphyry Cu-Mo Deposit, Gangdese Porphyry Copper Belt, Southern Tibet, China. <i>Resource Geology</i> , 2016, 66, 163-182.	0.3	12
593	Late Carboniferous high-pressure metamorphism of the Kassan Metamorphic Complex (Kyrgyz) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42</i>	0.6	29
594	Elucidating the magmatic history of the Austurhorn silicic intrusive complex (southeast Iceland) using zircon elemental and isotopic geochemistry and geochronology. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	21
595	Triassic magmatism on the transition from Variscan to Alpine cycles: evidence from U-Pb, Hf, and geochemistry of detrital minerals. <i>Swiss Journal of Geosciences</i> , 2016, 109, 309-328.	0.5	27
596	Formation of the Yandangshan volcanic-plutonic complex (SE China) by melt extraction and crystal accumulation. <i>Lithos</i> , 2016, 266-267, 287-308.	0.6	52
597	A nucleosynthetic origin for the Earth's anomalous <sup>142</sup> Nd composition. <i>Nature</i> , 2016, 537, 394-398.	18.7	122
598	Primitive Solar System materials and Earth share a common initial <sup>142</sup> Nd abundance. <i>Nature</i> , 2016, 537, 399-402.	13.7	85
599	Middle Triassic ultrapotassic rhyolites from the Tanggula Pass, southern Qiangtang, China: A previously unrecognized stage of silicic magmatism. <i>Lithos</i> , 2016, 264, 258-276.	0.6	26
600	Evolution of Neoproterozoic ophiolites from the southern Brasiliano Orogen revealed by zircon U-Pb-Hf isotopes and geochemistry. <i>Precambrian Research</i> , 2016, 285, 299-314.	1.2	56
601	Detrital zircons from crystalline rocks along the Southern Oklahoma fault system, Wichita and Arbuckle Mountains, USA. , 2016, 12, 1224-1234.		24
602	Paleoproterozoic magmatism across the Archean-Proterozoic boundary in central Fennoscandia: Geochronology, geochemistry and isotopic data ( <sup>147</sup> Sm- <sup>143</sup> Nd, <sup>176</sup> Lu- <sup>176</sup> Hf, O). <i>Lithos</i> , 2016, 262, 507-525.	0.6	15

#	ARTICLE	IF	CITATIONS
603	Westward Growth of Laurentia by Pre-Late Jurassic Terrane Accretion, Eastern Oregon and Western Idaho, United States: A Reply. <i>Journal of Geology</i> , 2016, 124, 143-147.	0.7	6
604	The coupled $^{182}\text{W}$ - $^{142}\text{Nd}$ record of early terrestrial mantle differentiation. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2168-2193.	1.0	87
605	Origin of geochemical mantle components: Role of subduction filter. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3289-3325.	1.0	47
606	U-Pb and Hf isotopic analyses of detrital zircons from the Taku terrane, southeast Alaska. <i>Canadian Journal of Earth Sciences</i> , 2016, 53, 979-992.	0.6	7
607	Detrital zircon U-Pb geochronology and Hf isotope geochemistry of the Yukon-Tanana terrane, Coast Mountains, southeast Alaska. , 2016, 12, 1556-1574.		31
608	Detrital zircon record of mid-Paleozoic convergent margin activity in the northern U.S. Rocky Mountains: Implications for the Antler orogeny and early evolution of the North American Cordillera. <i>Lithosphere</i> , 2016, 8, 533-550.	0.6	44
609	Neodymium Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-6.	0.1	0
610	Post-collisional magmatism: Crustal growth not identified by zircon Hf-O isotopes. <i>Earth and Planetary Science Letters</i> , 2016, 456, 182-195.	1.8	161
611	3.30 Ga high-silica intraplate volcanic-plutonic system of the Gavião Block, São Francisco Craton, Brazil: Evidence of an intracontinental rift following the creation of insulating continental crust. <i>Lithos</i> , 2016, 266-267, 414-434.	0.6	36
612	Tectonic significance of the Meso- to Neoproterozoic complexes in the basement of the southern Brasília Orogen. <i>Precambrian Research</i> , 2016, 287, 91-107.	1.2	29
613	Paleoproterozoic juvenile crust formation and stabilisation in the south-eastern West African Craton (Ghana); New insights from U-Pb-Hf zircon data and geochemistry. <i>Precambrian Research</i> , 2016, 287, 1-30.	1.2	54
614	Sedimentary Environment of Ediacaran Sequences of South China: Trace Element and Sr-Nd Isotope Constraints. <i>Journal of Geology</i> , 2016, 124, 769-789.	0.7	13
615	Constraints on Lu-Hf and Nb-Ta systematics in globally subducted oceanic crust from a survey of orogenic eclogites and amphibolites. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1540-1557.	1.0	7
616	Zircon U-Pb-Hf evidence for subduction related crustal growth and reworking of Archaean crust within the Palaeoproterozoic Birimian terrane, West African Craton, SE Ghana. <i>Precambrian Research</i> , 2016, 275, 286-309.	1.2	56
617	Petrogenetic evolution of Late Paleozoic rhyolites of the Harvey Group, southwestern New Brunswick (Canada) hosting uranium mineralization. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	9
618	Late Jurassic to Early Cretaceous plutonism in the Colombian Andes: A record of long-term arc maturity. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1762-1779.	1.6	53
619	Crustal geodynamics from the Archaean Bundelkhand Craton, India: constraints from zircon U-Pb-Hf isotope studies. <i>Geological Magazine</i> , 2016, 153, 179-192.	0.9	81
620	Multiple Mixing and Hybridization from Magma Source to Final Emplacement in the Permian Yamatu Pluton, the Northern Alxa Block, China. <i>Journal of Petrology</i> , 2016, 57, 933-980.	1.1	46

#	ARTICLE	IF	CITATIONS
621	A hybrid origin for two Cretaceous monzonitic plutons in eastern Zhejiang Province, Southeast China: Geochronological, geochemical, and Sr <sup>87</sup> /Nd <sup>143</sup> -Hf isotopic evidence. <i>Journal of Asian Earth Sciences</i> , 2016, 115, 183-203.	1.0	18
622	Tracking the Cretaceous transcontinental Ceduna River through Australia: The hafnium isotope record of detrital zircons from offshore southern Australia. <i>Geoscience Frontiers</i> , 2016, 7, 237-244.	4.3	28
623	Zircon U <sup>235</sup> /Pb and Lu <sup>176</sup> /Hf isotopic and geochemical constraints on the origin of the paragneisses from the Jiaobei terrane, North China Craton. <i>Journal of Asian Earth Sciences</i> , 2016, 115, 214-227.	1.0	13
624	A rhythmic source change of the Neoproterozoic basement meta-sedimentary sequences in the Jiangnan Orogen: Implications for tectonic evolution on the southeastern margin of the Yangtze Block. <i>Precambrian Research</i> , 2016, 280, 46-60.	1.2	46
625	Granulites of the South Muya block ( <i>Baikalskaya Muya Foldbelt</i> ): Age of metamorphism and nature of protolith. <i>Russian Geology and Geophysics</i> , 2016, 57, 451-463.	0.3	8
626	Hf isotope analysis of small zircon and baddeleyite grains by conventional Multi Collector-Inductively Coupled Plasma-Mass Spectrometry. <i>Chemical Geology</i> , 2016, 433, 12-23.	1.4	25
627	Unravelling the record of Archaean crustal evolution of the Bundelkhand Craton, northern India using U <sup>235</sup> /Pb zircon <sup>206</sup> Pb/monazite ages, Lu <sup>176</sup> /Hf isotope systematics, and whole-rock geochemistry of granitoids. <i>Precambrian Research</i> , 2016, 281, 384-413.	1.2	100
628	Role of crustal assimilation and basement compositions in the petrogenesis of differentiated intraplate volcanic rocks: a case study from the Siebengebirge Volcanic Field, Germany. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	5
629	High-precision lead isotopes and stripy plumes: Revisiting the Society chain in French Polynesia. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 189, 236-250.	1.6	15
630	The intra-oceanic Cretaceous (~ 108 Ma) Kataf-Rash arc fragment in the Kurdistan segment of Iraqi Zagros suture zone: Implications for Neotethys evolution and closure. <i>Lithos</i> , 2016, 260, 154-163.	0.6	25
631	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
632	Geochemistry, geochronology and Sr <sup>87</sup> /Nd <sup>143</sup> -Pb <sup>206</sup> /Hf isotopic compositions of Middle to Late Jurassic syenite <sup>206</sup> Pb/monazite <sup>206</sup> Pb/dacite in South China: Petrogenesis and tectonic implications. <i>Gondwana Research</i> , 2016, 35, 217-237.	3.0	31
633	Lu-Hf geochronology of Mississippian high-pressure metamorphism in the AcatlÃn Complex, southern MÃ©xico. <i>Gondwana Research</i> , 2016, 34, 174-186.	3.0	21
634	Trace element composition and Lu-Hf isotope systematics of zircon from plagiogneisses of the Kola superdeep well: Contribution of a Paleoproterozoic crust in Mesoproterozoic metavolcanic rocks. <i>Geochemistry International</i> , 2016, 54, 92-111.	0.2	11
635	Environmental Hf <sup>176</sup> /Nd isotopic decoupling in World river clays. <i>Earth and Planetary Science Letters</i> , 2016, 438, 25-36.	1.8	46
636	Clarifying the zircon Hf isotope record of crust <sup>206</sup> Pb/monazite <sup>206</sup> Pb/mantle evolution. <i>Chemical Geology</i> , 2016, 425, 65-75.	1.4	242
637	Crustal evolution of the Eastern Block in the North China Craton: Constraints from zircon U <sup>235</sup> /Pb geochronology and Lu <sup>176</sup> /Hf isotopes of the Northern Liaoning Complex. <i>Precambrian Research</i> , 2016, 275, 35-47.	1.2	58
638	Zircon U <sup>235</sup> /Pb <sup>206</sup> Pb/Hf isotopes, bulk-rock geochemistry and petrogenesis of Middle to Late Triassic I-type granitoids in the Xing <sup>206</sup> Pb/monazite <sup>206</sup> Pb Range, northeast China: Implications for early Mesozoic tectonic evolution of the central Great Xing <sup>206</sup> Pb/monazite <sup>206</sup> Pb Range. <i>Journal of Asian Earth Sciences</i> , 2016, 119, 30-48.	1.0	36

#	ARTICLE	IF	CITATIONS
639	Geochronology and geochemistry of Eocene potassic felsic intrusions in the Nangqian basin, eastern Tibet: Tectonic and metallogenic implications. <i>Lithos</i> , 2016, 246-247, 212-227.	0.6	27
640	U-Pb and Hf isotope analysis of detrital zircons from Paleozoic strata of the southern Alexander terrane (southeast Alaska). <i>Lithosphere</i> , 2016, 8, 83-96.	0.6	35
641	Geochronology and geochemistry of igneous rocks in the Bailingshan area: Implications for the tectonic setting of late Paleozoic magmatism and iron skarn mineralization in the eastern Tianshan, NW China. <i>Gondwana Research</i> , 2016, 38, 40-59.	3.0	76
642	Changes in magma storage conditions following caldera collapse at Okataina Volcanic Center, New Zealand. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	29
643	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
644	High-K andesite petrogenesis and crustal evolution: Evidence from mafic and ultramafic xenoliths, Egmont Volcano (Mt. Taranaki) and comparisons with Ruapehu Volcano, North Island, New Zealand. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 328-357.	1.6	21
645	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
646	Redefining the metamorphic history of the oldest rocks in the southern Rocky Mountains. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1207-1227.	1.6	21
647	U-Pb zircon geochronology and anomalous Sr-Nd-Hf isotope systematics of late orogenic andesites: Pieniny Klippen Belt, Western Carpathians, South Poland. <i>Chemical Geology</i> , 2016, 427, 1-16.	1.4	16
648	Continental growth through accreted oceanic arc: Zircon Hf-O isotope evidence for granitoids from the Qinling orogen. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 182, 109-130.	1.6	51
649	Linking the Tengchong Terrane in SW Yunnan with the Lhasa Terrane in southern Tibet through magmatic correlation. <i>Gondwana Research</i> , 2016, 39, 217-229.	3.0	117
650	How far can we trust provenance and crustal evolution information from detrital zircons? A South African case study. <i>Gondwana Research</i> , 2016, 34, 129-148.	3.0	91
651	Geochronological and petrogeochemical constraints on the skarn deposits in Tongshanling ore district, southern Hunan Province: Implications for Jurassic Cu and W metallogenic events in South China. <i>Ore Geology Reviews</i> , 2016, 78, 120-137.	1.1	53
652	Detrital zircon analysis of the southwest Indochina terrane, central Thailand: Unravelling the Indosinian orogeny. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1024-1043.	1.6	48
653	Geodynamic evolution of a Pan-African granitoid of extended Dizo Valley in Karbi Hills, NE India: Evidence from Geochemistry and Isotope Geology. <i>Journal of Asian Earth Sciences</i> , 2016, 117, 256-268.	1.0	28
654	Timing and origin of migmatitic gneisses in south Karakoram: Insights from U-Pb, Hf and O isotopic record of zircons. <i>Journal of Asian Earth Sciences</i> , 2016, 120, 1-16.	1.0	7
655	Eocene slab breakoff of Neotethys as suggested by dioritic dykes in the Gangdese magmatic belt, southern Tibet. <i>Lithos</i> , 2016, 248-251, 55-65.	0.6	34
656	Implications of U-Pb and Lu-Hf isotopic analysis of detrital zircons for the depositional age, provenance and tectonic setting of the Permian-Triassic Palaeotethyan Karakaya Complex, NW Turkey. <i>International Journal of Earth Sciences</i> , 2016, 105, 7-38.	0.9	62

#	ARTICLE	IF	CITATIONS
657	Source composition, fractional crystallization and magma mixing processes in the 3.48–3.43 Ga Tsawela tonalite suite (Ancient Gneiss Complex, Swaziland) – Implications for Palaeoarchean geodynamics. <i>Precambrian Research</i> , 2016, 276, 43-66.	1.2	58
658	The early-stage evolution of the Neo-Tethys ocean: Evidence from granitoids in the middle Gangdese batholith, southern Tibet. <i>Journal of Geodynamics</i> , 2016, 94-95, 34-49.	0.7	54
659	U–Pb and Hf isotope records in detrital and magmatic zircon from eastern and western Dharwar craton, southern India: Evidence for coeval Archaean crustal evolution. <i>Precambrian Research</i> , 2016, 275, 496-512.	1.2	58
660	Major zircon megacryst suites of the Indo-Pacific lithospheric margin (ZIP) and their petrogenetic and regional implications. <i>Mineralogy and Petrology</i> , 2016, 110, 399-420.	0.4	19
661	Chondritic Lu/Hf in the early crust–mantle system as recorded by zircon populations from the oldest Eoarchean rocks of Yilgarn Craton, West Australia and Enderby Land, Antarctica. <i>Chemical Geology</i> , 2016, 427, 125-143.	1.4	43
662	Geochemistry of buried river sediments from Chaggar Plains, NW India: Multi-proxy records of variations in provenance, paleoclimate, and paleovegetation patterns in the Late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 85-100.	1.0	47
663	The Paleoproterozoic diorite dykes in the southern margin of the North China Craton: Insight into rift-related magmatism. <i>Precambrian Research</i> , 2016, 277, 26-46.	1.2	58
664	Devonian magmatism in the Timan Range, Arctic Russia – subduction, post-orogenic extension, or rifting?. <i>Tectonophysics</i> , 2016, 691, 185-197.	0.9	16
665	Hafnium, oxygen, neodymium, strontium, and lead isotopic constraints on magmatic evolution of the supereruptive southern Black Mountains volcanic center, Arizona, U.S.A.: A combined LASS zircon–whole-rock study. <i>American Mineralogist</i> , 2016, 101, 311-327.	0.9	10
666	Middle to Late Ordovician arc system in the Kyrgyz Middle Tianshan: From arc-continent collision to subsequent evolution of a Palaeozoic continental margin. <i>Gondwana Research</i> , 2016, 39, 261-291.	3.0	71
667	Terrane boundary and spatio-temporal distribution of ore deposits in the Sanjiang Tethyan Orogen: Insights from zircon Hf-isotopic mapping. <i>Earth-Science Reviews</i> , 2016, 156, 39-65.	4.0	145
668	Lithophile and siderophile element systematics of Earth's mantle at the Archean–Proterozoic boundary: Evidence from 2.4 Ga komatiites. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 180, 227-255.	1.6	73
669	Hf isotopic evidence for a cogenetic magma source for the Bushveld Complex and associated felsic magmas. <i>Lithos</i> , 2016, 248-251, 469-477.	0.6	26
670	The Flaw in the Crustal Zircon Archive™: Mixed Hf Isotope Signatures Record Progressive Contamination of Late-stage Liquid in Mafic–Ultramafic Layered Intrusions. <i>Journal of Petrology</i> , 2016, 57, 27-52.	1.1	60
671	Detrital zircon in a supercontinental setting: locally derived and far-transported components in the Ordovician Natal Group, South Africa. <i>Journal of the Geological Society</i> , 2016, 173, 203-215.	0.9	34
672	Multiple origins for the Middle Jurassic to Early Cretaceous high-K calc-alkaline I-type granites in northwestern Fujian province, SE China and tectonic implications. <i>Lithos</i> , 2016, 246-247, 197-211.	0.6	46
673	Geochemistry and petrogenesis of Mesoproterozoic A-type granitoids from the Danish island of Bornholm, southern Fennoscandia. <i>Lithos</i> , 2016, 244, 94-108.	0.6	32
674	Transition from adakitic to bimodal magmatism induced by the paleo-Pacific plate subduction and slab rollback beneath SE China: Evidence from petrogenesis and tectonic setting of the dike swarms. <i>Lithos</i> , 2016, 244, 182-204.	0.6	30

#	ARTICLE	IF	CITATIONS
675	The detrital zircon record of an Archaean convergent basin in the Southern São Francisco Craton, Brazil. <i>Precambrian Research</i> , 2016, 275, 84-99.	1.2	69
676	Granite provenance and intrusion in arcs: Evidence from diverse zircon types in Big Bear Lake Intrusive Suite, USA. <i>Lithos</i> , 2016, 246-247, 261-278.	0.6	18
677	Similar crustal evolution in the western units of the Adrar Souttoug Massif (Moroccan Sahara) and the Avalonian terranes: Insights from Hf isotope data. <i>Tectonophysics</i> , 2016, 681, 305-317.	0.9	19
678	Mafic magmatism in the Bakhuis Granulite Belt (western Suriname): relationship with charnockite magmatism and UHT metamorphism. <i>Gff</i> , 2016, 138, 203-218.	0.4	11
679	U–Pb, Lu–Hf and trace element characteristics of zircon from the Felbertal scheelite deposit (Austria): New constraints on timing and source of W mineralization. <i>Chemical Geology</i> , 2016, 421, 112-126.	1.4	39
680	Late Triassic crustal growth in southern Tibet: Evidence from the Gangdese magmatic belt. <i>Gondwana Research</i> , 2016, 37, 449-464.	3.0	100
681	Zircon U–Pb ages of Paleoproterozoic mafic granulites from the Huai’an terrane, North China Craton (NCC): Implications for timing of cratonization and crustal evolution history. <i>Precambrian Research</i> , 2016, 272, 244-263.	1.2	60
682	Characterization and origin of the Taishanmiao aluminous A-type granites: implications for Early Cretaceous lithospheric thinning at the southern margin of the North China Craton. <i>International Journal of Earth Sciences</i> , 2016, 105, 1563-1589.	0.9	38
684	Melt evolution beneath a rifted craton edge: 40 Ar/ 39 Ar geochronology and Sr–Nd–Hf–Pb isotope systematics of primitive alkaline basalts and lamprophyres from the SW Baltic Shield. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 173, 1-36.	1.6	35
685	Evolution of neodymium isotopic signature of seawater during the Late Cretaceous: Implications for intermediate and deep circulation. <i>Gondwana Research</i> , 2016, 36, 503-522.	3.0	28
686	Comparing the nature of the western and eastern Azores mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 172, 76-92.	1.6	21
687	Geochronology, geochemistry and tectonic significance of the late Mesozoic volcanic sequences in the northern Wuyi Mountain volcanic belt of South China. <i>Gondwana Research</i> , 2016, 37, 362-383.	3.0	20
688	Geochemical and Os–Hf–Nd–Sr Isotopic Characterization of North Patagonian Mantle Xenoliths: Implications for Extensive Melt Extraction and Percolation Processes. <i>Journal of Petrology</i> , 2016, 57, 685-715.	1.1	16
689	Granites of the intracontinental termination of a magmatic arc: an example from the Ediacaran Araçuaia orogen, southeastern Brazil. <i>Gondwana Research</i> , 2016, 36, 439-458.	3.0	62
690	Zircon geochronology of the Koraput alkaline complex: Insights from combined geochemical and U–Pb–Hf isotope analyses, and implications for the timing of alkaline magmatism in the Eastern Ghats Belt, India. <i>Gondwana Research</i> , 2016, 34, 205-220.	3.0	11
691	Post-collisional potassic magmatism in the eastern Lhasa terrane, South Tibet: Products of partial melting of mafic magmas in a continental subduction channel. <i>Gondwana Research</i> , 2017, 41, 9-28.	3.0	25
692	The formation of the Suyunhe large porphyry Mo deposit in the West Junggar terrain, NW China: Zircon U–Pb age, geochemistry and Sr–Nd–Hf isotopic results. <i>Ore Geology Reviews</i> , 2017, 81, 808-828.	1.1	28
693	Cretaceous magmatism and metallogeny in the Bangong–Nujiang metallogenic belt, central Tibet: Evidence from petrogeochemistry, zircon U–Pb ages, and Hf–O isotopic compositions. <i>Gondwana Research</i> , 2017, 41, 110-127.	3.0	82

#	ARTICLE	IF	CITATIONS
694	Mesozoic multiphase magmatism at the Xinan Cu–Mo ore deposit (Zijinshan Orefield): Geodynamic setting and metallogenic implications. <i>Ore Geology Reviews</i> , 2017, 88, 768-790.	1.1	18
695	Middle Devonian volcanic rocks in the Weibao Cu–Pb–Zn deposit, East Kunlun Mountains, NW China: Zircon chronology and tectonic implications. <i>Ore Geology Reviews</i> , 2017, 84, 309-327.	1.1	24
696	Petrology, geochemistry and Sm-Nd analyses on the Balkan-Carpathian Ophiolite (BCO – Romania), Tj ETQq0 0 0 rgBT /Overlock 10 TF domain. <i>Journal of Geodynamics</i> , 2017, 105, 27-50.	0.7	25
697	Geology of the Pitangui greenstone belt, Minas Gerais, Brazil: Stratigraphy, geochronology and BIF geochemistry. <i>Precambrian Research</i> , 2017, 291, 17-41.	1.2	37
698	Diffusion kinetics of lutetium in diopside and the effect of thermal metamorphism on Lu–Hf systematics in clinopyroxene. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 204, 32-51.	1.6	11
699	Two billion years of magmatism recorded from a single Mars meteorite ejection site. <i>Science Advances</i> , 2017, 3, e1600922.	4.7	68
700	The genesis of early Carboniferous adakitic rocks at the southern margin of the Alxa Block, North China. <i>Lithos</i> , 2017, 278-281, 181-194.	0.6	28
701	U–Pb ages and Hf-isotope data of detrital zircons from the late Neoproterozoic Minas Basin, SE Brazil. <i>Precambrian Research</i> , 2017, 291, 143-161.	1.2	64
702	An early Paleozoic monzonite–granite suite in the South China block: implications for the intracontinental felsic magmatism. <i>Mineralogy and Petrology</i> , 2017, 111, 709-728.	0.4	15
703	What Hf isotopes in zircon tell us about crust–mantle evolution. <i>Lithos</i> , 2017, 274-275, 304-327.	0.6	78
704	Palaeoproterozoic continental arc magmatism, and Neoproterozoic metamorphism in the Aravalli-Delhi orogenic belt, NW India: New constraints from in situ zircon U-Pb-Hf isotope systematics, monazite dating and whole-rock geochemistry. <i>Journal of Asian Earth Sciences</i> , 2017, 136, 68-88.	1.0	43
705	Petrogenesis of the middle Jurassic appinite and coeval granitoids in the Eastern Hebei area of North China Craton. <i>Lithos</i> , 2017, 278-281, 331-346.	0.6	22
706	Birth and demise of the Rheic Ocean magmatic arc(s): Combined U–Pb and Hf isotope analyses in detrital zircon from SW Iberia siliciclastic strata. <i>Lithos</i> , 2017, 278-281, 383-399.	0.6	51
707	The Lower Jurassic Hanson Formation of the Transantarctic Mountains: implications for the Antarctic sector of the Gondwana plate margin. <i>Geological Magazine</i> , 2017, 154, 777-803.	0.9	17
708	Early Jurassic tectonism occurred within the Basu metamorphic complex, eastern central Tibet: Implications for an archipelago-accretion orogenic model. <i>Tectonophysics</i> , 2017, 702, 29-41.	0.9	39
709	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
710	Geochemical and isotopic characterization of the granitic magmatism along the Remãgio - Pocinhos shear zone, Borborema Province, NE Brazil. <i>Journal of South American Earth Sciences</i> , 2017, 75, 116-133.	0.6	9
711	The origin of the Palaeoproterozoic AMCG complexes in the Ukrainian shield: New U-Pb ages and Hf isotopes in zircon. <i>Precambrian Research</i> , 2017, 292, 216-239.	1.2	57

#	ARTICLE	IF	CITATIONS
712	Chemical stratification in the post-magma ocean Earth inferred from coupled $^{146,147}\text{Sm}$ – $^{142,143}\text{Nd}$ systematics in ultramafic rocks of the Saglek block (3.25–3.9 Ga; northern Labrador, Canada). <i>Earth and Planetary Science Letters</i> , 2017, 463, 136-150.	1.8	43
713	A revised geochronology of Thurston Island, West Antarctica, and correlations along the proto-Pacific margin of Gondwana. <i>Antarctic Science</i> , 2017, 29, 47-60.	0.5	34
714	Erosion of Archean continents: The Sm-Nd and Lu-Hf isotopic record of Barberton sedimentary rocks. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 206, 216-235.	1.6	25
715	Origin of geochemical mantle components: Role of spreading ridges and thermal evolution of mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 697-734.	1.0	20
716	Evidence of magma mixing identified in the Early Eocene Caina pluton from the Gangdese Batholith, southern Tibet. <i>Lithos</i> , 2017, 278-281, 126-139.	0.6	46
717	Source characteristics and provenance of metasedimentary rocks from the Kangxiwa Group in the Western Kunlun Orogenic Belt, NW China: Implications for tectonic setting and crustal growth. <i>Gondwana Research</i> , 2017, 46, 43-56.	3.0	17
718	Late Triassic granites from Bangka, Indonesia: A continuation of the Main Range granite province of the South-East Asian Tin Belt. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 548-561.	1.0	26
719	Orogen transplant: Taconic–Caledonian arc magmatism in the central Brooks Range of Alaska. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 649-676.	1.6	34
720	Tracing Proterozoic arc mantle Hf isotope depletion of southern Fennoscandia through coupled zircon $^{206}\text{Pb}$ and $^{176}\text{Lu}$ – $^{177}\text{Hf}$ isotopes. <i>Lithos</i> , 2017, 284-285, 122-131.	0.6	6
721	Late Jurassic flare-up of the Coast Mountains arc system, NW Canada, and dynamic linkages across the northern Cordilleran orogen. <i>Tectonics</i> , 2017, 36, 877-901.	1.3	27
722	Petrogenesis of ca. 240 Ma intermediate and felsic intrusions in the Nanjing area: Implications for crust–mantle interaction and geodynamic process of the East Kunlun Orogen. <i>Ore Geology Reviews</i> , 2017, 90, 1099-1117.	1.1	22
723	U-Pb ages and Hf isotope compositions of zircons in plutonic rocks from the central Famatinian arc, Argentina. <i>Journal of South American Earth Sciences</i> , 2017, 76, 412-426.	0.6	41
724	Origin of continental arc andesites: The composition of source rocks is the key. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 217-232.	1.0	51
725	Hf isotope evidence for variable slab input and crustal addition in basalts and andesites of the Taupo Volcanic Zone, New Zealand. <i>Lithos</i> , 2017, 284-285, 222-236.	0.6	29
726	New U-Pb constraints on the age of the Little Dal Basalts and Gunbarrel-related volcanism in Rodinia. <i>Precambrian Research</i> , 2017, 296, 168-180.	1.2	31
727	Petrogenesis of two Triassic A-type intrusions in the interior of South China and their implications for tectonic transition. <i>Lithos</i> , 2017, 284-285, 642-653.	0.6	13
728	Early Cretaceous high-Mg adakites associated with Cu-Au mineralization in the Cebu Island, Central Philippines: Implication for partial melting of the paleo-Pacific Plate. <i>Ore Geology Reviews</i> , 2017, 88, 251-269.	1.1	19
729	Petrogenesis of Early Cretaceous adakitic granodiorite: Implication for a crust thickening event within the Cathaysia Block, South China. <i>Science China Earth Sciences</i> , 2017, 60, 1237-1255.	2.3	7

#	ARTICLE	IF	CITATIONS
730	Unravelling an allochthonous, subaqueously deposited volcanicâ€“epiclastic to subaerial andesitic lava assemblage in Hong Kong: age, stratigraphy and provenance studies of the Middle Jurassic Tuen Mun Formation. <i>Journal of the Geological Society</i> , 2017, 174, 913-928.	0.9	1
731	Geochemistry and isotopic signatures of Paleogene plutonic and detrital rocks of the Northern Andes of Colombia: A record of post-collisional arc magmatism. <i>Lithos</i> , 2017, 277, 199-209.	0.6	28
732	Detrital zircon U-Pb and Hf isotopic data from the Liuling Group in the South Qinling belt: Provenance and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2017, 134, 244-261.	1.0	29
733	The pre-Atlantic Hf isotope evolution of the east Laurentian continental margin: Insights from zircon in basement rocks and glacial tillites from northern New Jersey and southeastern New York. <i>Lithos</i> , 2017, 272-273, 69-83.	0.6	2
734	Petrogenesis of the mineralized granitoids from the Kounrad and Borly porphyry Cu deposits and the East Kounrad porphyry Mo deposit in Kazakhstan: Implication for tectonic evolution and mineralization of the western part of the Central Asian Orogenic Belt. <i>Lithos</i> , 2017, 286-287, 53-74.	0.6	15
735	Tonian emplacement of ophiolites in the southern Brasiliano Orogen delimited by U-Pb-Hf isotopes of zircon from metasomatites. <i>Gondwana Research</i> , 2017, 49, 296-332.	3.0	33
736	Crustal recycling and juvenile addition during lithospheric wrenching: The Pontivy-Rostrenen magmatic complex, Armorican Massif (France), Variscan belt. <i>Gondwana Research</i> , 2017, 49, 222-247.	3.0	18
737	OIB signatures in basin-related lithosphere-derived alkaline basalts from the Batain basin (Oman) â€“ Constraints from $^{40}\text{Ar}/^{39}\text{Ar}$ ages and Ndâ€“Srâ€“Pbâ€“Hf isotopes. <i>Lithos</i> , 2017, 286-287, 109-124.	0.6	9
738	Exotic island arc Paleozoic terranes on the eastern margin of Gondwana: Geochemical whole rock and zircon Uâ€“Pbâ€“Hf isotope evidence from Barry Station, New South Wales, Australia. <i>Lithos</i> , 2017, 286-287, 125-150.	0.6	19
739	Generation and evolution of Palaeoarchean continental crust in the central part of the Singhbhum craton, eastern India. <i>Precambrian Research</i> , 2017, 298, 268-291.	1.2	106
740	Petrogenesis and Tectonics of the Naruo Porphyry Cu(Au) Deposit Related Intrusion in the Duolong Area, Central Tibet. <i>Acta Geologica Sinica</i> , 2017, 91, 581-601.	0.8	21
741	Age and petrogenetic constraints on the lower glassy ignimbrite of the Mount Somers Volcanic Group, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2017, 60, 209-219.	1.0	9
742	Evolution of the lithospheric mantle beneath Mt. Baekdu (Changbaishan): Constraints from geochemical and Srâ€“Ndâ€“Hf isotopic studies on peridotite xenoliths in trachybasalt. <i>Lithos</i> , 2017, 286-287, 330-344.	0.6	22
743	Early Cretaceous palaeogeographic evolution of the Coqen Basin in the Lhasa Terrane, southern Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 101-118.	1.0	31
744	Cadomian S-type granites as basement rocks of the Variscan belt (Massif Central, France): Implications for the crustal evolution of the north Gondwana margin. <i>Lithos</i> , 2017, 286-287, 16-34.	0.6	34
745	The origin of hydrothermal chlorite- and anhydrite-rich sediments in the middle Okinawa Trough, East China Sea. <i>Chemical Geology</i> , 2017, 465, 35-51.	1.4	10
746	Whole-mantle convection with tectonic plates preserves long-term global patterns of upper mantle geochemistry. <i>Scientific Reports</i> , 2017, 7, 1870.	1.6	23
747	Proterozoic reworking of Archean (Yilgarn) basement in the Bunger Hills, East Antarctica. <i>Precambrian Research</i> , 2017, 298, 16-38.	1.2	33

#	ARTICLE	IF	CITATIONS
748	Permian tectonic evolution of the Mudanjiang Ocean: Evidence from zircon U-Pb-Hf isotopes and geochemistry of a N-S trending granitoid belt in the Jiamusi Massif, NE China. <i>Gondwana Research</i> , 2017, 49, 147-163.	3.0	59
749	$^{142}\text{Nd}/^{144}\text{Nd}$ inferences on the nature and origin of the source of high $^3\text{He}/^4\text{He}$ magmas. <i>Earth and Planetary Science Letters</i> , 2017, 472, 62-68.	1.8	17
750	The Serra das Araras Batholith: An example of Ediacaran syntectonic peraluminous granitic magmatism in the southwestern Para�ba do Sul Domain. <i>Journal of South American Earth Sciences</i> , 2017, 78, 81-100.	0.6	1
751	In situ elemental and isotopic study of diorite intrusions: Implication for Jurassic arc magmatism and porphyry Cu-Au mineralisation in southern Tibet. <i>Ore Geology Reviews</i> , 2017, 90, 1063-1077.	1.1	25
752	Two distinct sources of 1.73�1.70 Ga A-type granites from the northern Aravalli orogen, NW India: Constraints from in situ zircon U-Pb ages and Lu-Hf isotopes. <i>Gondwana Research</i> , 2017, 49, 164-181.	3.0	43
753	Reconciliation of the excess $^{176}\text{Hf}$ conundrum in meteorites: Recent disturbances of the Lu-Hf and Sm-Nd isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 212, 303-323.	1.6	9
754	Intra-continental back-arc basin inversion and Late Carboniferous magmatism in Eastern Tianshan, NW China: Constraints from the Shaquanzi magmatic suite. <i>Geoscience Frontiers</i> , 2017, 8, 1447-1467.	4.3	40
755	Revisiting the Yejishan Group of the L�liang Complex, North China: Implications for a Paleoproterozoic active continental marginal basin in the Trans-North China Orogen. <i>Precambrian Research</i> , 2017, 292, 93-114.	1.2	15
756	The large-scale evolution of neodymium isotopic composition in the global modern and Holocene ocean revealed from seawater and archive data. <i>Chemical Geology</i> , 2017, 457, 131-148.	1.4	78
757	Neoproterozoic backarc basin on the southeastern margin of the Yangtze block during Rodinia assembly: New evidence from provenance of detrital zircons and geochemistry of mafic rocks. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 904-919.	1.6	21
758	Magma�magma interaction in the mantle beneath eastern China. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 2763-2779.	1.4	27
759	Triassic to Neogene evolution of the south-central Andean arc determined by detrital zircon U-Pb and Hf analysis of Neuqu�n Basin strata, central Argentina ( $34^\circ\text{S}$ � $40^\circ\text{S}$ ). <i>Lithosphere</i> , 2017, 9, 453-462.	0.6	24
760	The identification and significance of pure sediment-derived granites. <i>Earth and Planetary Science Letters</i> , 2017, 467, 57-63.	1.8	153
761	Timing of initial seafloor spreading in the Newfoundland-Iberia rift. <i>Geology</i> , 2017, 45, 527-530.	2.0	35
762	Two�layered oceanic lithospheric mantle in a Tibetan ophiolite produced by episodic subduction of ethyan slabs. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1189-1213.	1.0	35
763	Linking the Windmill Islands, east Antarctica and the Albany�Fraser Orogen: Insights from U�Pb zircon geochronology and Hf isotopes. <i>Precambrian Research</i> , 2017, 293, 131-149.	1.2	46
764	Building Archean cratons from Hadean mafic crust. <i>Science</i> , 2017, 355, 1199-1202.	6.0	66
765	The Malvinas (Falkland) Islands revisited: The tectonic evolution of southern Gondwana based on U-Pb and Lu-Hf detrital zircon isotopes in the Paleozoic cover. <i>Journal of South American Earth Sciences</i> , 2017, 76, 320-345.	0.6	39

#	ARTICLE	IF	CITATIONS
766	The Pushtashan juvenile suprasubduction zone assemblage of Kurdistan (northeastern Iraq): A Cretaceous (Cenomanian) Neo-Tethys missing link. <i>Geoscience Frontiers</i> , 2017, 8, 1073-1087.	4.3	8
767	Chronologic implications for slow cooling of troctolite 76535 and temporal relationships between the Mg-suite and the ferroan anorthosite suite. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 201, 377-391.	1.6	36
768	New insights into the crustal growth of the Paleoproterozoic margin of the Archean Kôma-Mana domain, West African craton (Guinea): Implications for gold mineral system. <i>Precambrian Research</i> , 2017, 292, 258-289.	1.2	66
769	Petrogenesis of Neoproterozoic metavolcanic rocks in Changyukou, Northwestern Hebei: Implications for the transition stage from a compressional to an extensional regime for the North China Craton. <i>Lithos</i> , 2017, 274-275, 53-72.	0.6	13
770	Contribution of slab-derived fluid and sedimentary melt in the incipient arc magmas with development of the paleo-arc in the Oman Ophiolite. <i>Chemical Geology</i> , 2017, 449, 206-225.	1.4	31
771	The tectonic evolution of the Irtysh tectonic belt: New zircon U-Pb ages of arc-related and collisional granitoids in the Kalaxiangar tectonic belt, NW China. <i>Lithos</i> , 2017, 272-273, 46-68.	0.6	38
772	Structure and age of the Lower Magdalena Valley basin basement, northern Colombia: New reflection-seismic and U-Pb-Hf insights into the termination of the central andes against the Caribbean basin. <i>Journal of South American Earth Sciences</i> , 2017, 74, 1-26.	0.6	39
773	Timing and deformation conditions of the western Idaho shear zone, West Mountain, west-central Idaho. <i>Lithosphere</i> , 2017, 9, 157-183.	0.6	32
774	Elemental and Sr-Nd-Pb isotope geochemistry of the Cenozoic basalts in Southeast China: Insights into their mantle sources and melting processes. <i>Lithos</i> , 2017, 272-273, 16-30.	0.6	37
775	Paleozoic adakitic rocks in the northern Altyn Tagh, northwest China: Evidence for progressive crustal thickening beneath the Dunhuang Block. <i>Lithos</i> , 2017, 272-273, 1-15.	0.6	21
776	The formation of Luoboling porphyry Cu-Mo deposit: Constraints from zircon and apatite. <i>Lithos</i> , 2017, 272-273, 291-300.	0.6	37
777	Petrogenesis of Late Cenozoic basaltic rocks from southern Vietnam. <i>Lithos</i> , 2017, 272-273, 192-204.	0.6	61
778	Linking Late Cretaceous to Eocene Tectonostratigraphy of the San Jacinto Fold Belt of NW Colombia With Caribbean Plateau Collision and Flat Subduction. <i>Tectonics</i> , 2017, 36, 2599-2629.	1.3	44
779	Leucogranites in Lhozag, southern Tibet: Implications for the tectonic evolution of the eastern Himalaya. <i>Lithos</i> , 2017, 294-295, 246-262.	0.6	38
780	$\sim$ 4.1 Ga intraoceanic magmatism in the Central India Tectonic Zone: Constraints from the petrogenesis of ferropicrites in the Mahakoshal supracrustal belt. <i>Precambrian Research</i> , 2017, 302, 1-17.	1.2	14
781	An integrated U-Pb, Hf, and O isotopic provenance analysis of the Paleoproterozoic Murmac Bay Group, northern Saskatchewan, Canada. <i>Precambrian Research</i> , 2017, 302, 18-32.	1.2	6
782	Magmatic age of rare-earth element and zirconium mineralisation at the Norra Kôr alkaline complex, southern Sweden, determined by U-Pb and Lu-Hf isotope analyses of metasomatic zircon and eudialyte. <i>Lithos</i> , 2017, 294-295, 73-86.	0.6	11
783	Neoproterozoic magmatism in the southeastern Amazonian Craton, Brazil: Petrography, geochemistry and tectonic significance of basalts from the Carajás Basin. <i>Precambrian Research</i> , 2017, 302, 340-357.	1.2	65

#	ARTICLE	IF	CITATIONS
784	The Mesoarchean Tiejiashan-Gongchangling potassic granite in the Anshan-Benxi area, North China Craton: Origin by recycling of Paleo- to Eoarchean crust from U-Pb-Nd-Hf-O isotopic studies. <i>Lithos</i> , 2017, 290-291, 116-135.	0.6	44
785	Provenance, tectonic setting and source of Archean metasedimentary rocks of the Browns Range Metamorphics, Tanami Region, Western Australia. <i>Australian Journal of Earth Sciences</i> , 2017, 64, 723-741.	0.4	10
786	Recent crustal foundering in the Northern Volcanic Zone of the Andean arc: Petrological insights from the roots of a modern subduction zone. <i>Earth and Planetary Science Letters</i> , 2017, 476, 47-58.	1.8	30
787	Hf isotope evidence for effective impact melt homogenisation at the Sudbury impact crater, Ontario, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 215, 317-336.	1.6	7
788	Composition and geodynamic setting of Late Paleozoic magmatism of Chukotka. <i>Geochemistry International</i> , 2017, 55, 683-710.	0.2	4
789	Three-dimensional Evolution of the Early Paleozoic Western Laurentian Margin: New Insights From Detrital Zircon U-Pb Geochronology and Hf Isotope Geochemistry of the Harmony Formation of Nevada. <i>Tectonics</i> , 2017, 36, 2347-2369.	1.3	26
790	Differentiation of the early silicate Earth as recorded by $^{142}\text{Nd}$ - $^{143}\text{Nd}$ in 3.8-3.0 Ga rocks from the Anshan Complex, North China Craton. <i>Precambrian Research</i> , 2017, 301, 86-101.	1.2	14
791	Structures, uplift, and magmatism of the Western Myanmar Arc: Constraints to mid-Cretaceous-Paleogene tectonic evolution of the western Myanmar continental margin. <i>Gondwana Research</i> , 2017, 52, 18-38.	3.0	48
792	Zircon U-Pb and Hf-O isotopes trace the architecture of polymetallic deposits: A case study of the Jurassic ore-forming porphyries in the Qinhang metallogenic belt, China. <i>Lithos</i> , 2017, 292-293, 132-145.	0.6	30
793	Rift-plume interaction reveals multiple generations of recycled oceanic crust in Azores lavas. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 218, 132-152.	1.6	26
794	Neodymium isotope heterogeneity of ordinary and carbonaceous chondrites and the origin of non-chondritic $^{142}\text{Nd}$ compositions in the Earth. <i>Earth and Planetary Science Letters</i> , 2017, 474, 206-214.	1.8	25
795	Proterozoic crustal evolution of central East Antarctica: Age and isotopic evidence from glacial igneous clasts, and links with Australia and Laurentia. <i>Precambrian Research</i> , 2017, 299, 151-176.	1.2	50
796	The early differentiation of Mars inferred from Hf-W chronometry. <i>Earth and Planetary Science Letters</i> , 2017, 474, 345-354.	1.8	69
797	Contrasting provenance and timing of metamorphism from paragneisses of the Araçuaí-Ribeira orogenic system, Brazil: Hints for Western Gondwana assembly. <i>Gondwana Research</i> , 2017, 51, 30-50.	3.0	51
798	Juvenile crust formation in the Zimbabwe Craton deduced from the O-Hf isotopic record of 3.8-3.1 Ga detrital zircons. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 215, 432-446.	1.6	37
799	New zircon U-Pb and Hf-Nd isotopic constraints on the timing of magmatism, sedimentation and metamorphism in the northern Prince Charles Mountains, East Antarctica. <i>Precambrian Research</i> , 2017, 299, 15-33.	1.2	33
800	The role of phosphates for the Lu-Hf chronology of meteorites. <i>Earth and Planetary Science Letters</i> , 2017, 473, 52-61.	1.8	8
801	Petrogenesis of the mafic microgranular enclaves (MMEs) and their host granodiorites from the Zijinshan intrusion along the Middle-Lower Yangtze River Valley: Implications for geodynamic setting and mineralization. <i>Lithos</i> , 2017, 288-289, 1-19.	0.6	10

#	ARTICLE	IF	CITATIONS
802	Sources and timing of pyroxenite formation in the sub-arc mantle: Case study of the Cabo Ortegal Complex, Spain. <i>Earth and Planetary Science Letters</i> , 2017, 474, 490-502.	1.8	25
803	Abrupt response of chemical weathering to Late Quaternary hydroclimate changes in northeast Africa. <i>Scientific Reports</i> , 2017, 7, 44231.	1.6	34
804	Uâ€Pbâ€Hfâ€REEâ€Ti zircon and REE garnet geochemistry of the Cambrian Attunga eclogite, New England Orogen, Australia: Implications for continental growth along eastern Gondwana. <i>Tectonics</i> , 2017, 36, 1580-1613.	1.3	14
805	Hafnium and neodymium isotopes and REY distribution in the truly dissolved, nanoparticulate/colloidal and suspended loads of rivers in the Amazon Basin, Brazil. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 383-399.	1.6	36
806	Early Paleozoic high-Mg granodiorite from the Erlangping unit, North Qinling orogen, central China: Partial melting of metasomatic mantle during the initial back-arc opening. <i>Lithos</i> , 2017, 288-289, 282-294.	0.6	22
807	Age and mineralogical and geochemical parameters of rocks of the China alkaline massif (western) Tj ETQq1 1 0.784314 rgBT /Overlook	0.3	11
808	Impact of glacial activity on the weathering of Hf isotopes â€“ Observations from Southwest Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 215, 295-316.	1.6	12
809	The Molybdenum Isotope System as a Tracer of Slab Input in Subduction Zones: An Example From Martinique, Lesser Antilles Arc. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4674-4689.	1.0	57
810	Transfer of Metasupracrustal Rocks to Midcrustal Depths in the North Cascades Continental Magmatic Arc, Skagit Gneiss Complex, Washington. <i>Tectonics</i> , 2017, 36, 3254-3276.	1.3	15
811	Data Reduction of Laser Ablation Splitâ€Stream (LASS) Analyses Using Newly Developed Features Within Iolite: With Applications to Luâ€Hfâ€%+â€%Uâ€Pb in Detrital Zircon and Smâ€Nd +Uâ€Pb in Igneous Monazite. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4604-4622.	1.0	27
812	Petrogenesis of the Late Jurassic peraluminous biotite granites and muscovite-bearing granites in SE China: geochronological, elemental and Srâ€“Ndâ€“Oâ€“Hf isotopic constraints. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	1.2	34
813	The neodymium stable isotope composition of the silicate Earth and chondrites. <i>Earth and Planetary Science Letters</i> , 2017, 480, 121-132.	1.8	28
814	The GoiÃs Massif: Implications for a pre-Columbia 2.2â€“2.0 Ga continent-wide amalgamation cycle in central Brazil. <i>Precambrian Research</i> , 2017, 298, 403-420.	1.2	30
815	The cause and source of melting for the most recent volcanism in Tibet: A combined geochemical and geophysical perspective. <i>Lithos</i> , 2017, 288-289, 175-190.	0.6	21
816	Paleoarchean orthopyroxenites of the Bug granuliteâ€“gneiss domain at the Ukrainian shield. <i>Doklady Earth Sciences</i> , 2017, 474, 700-705.	0.2	3
817	Extensive wet episodes in Late Glacial Australia resulting from high-latitude forcings. <i>Scientific Reports</i> , 2017, 7, 44054.	1.6	19
818	Whole rock geochemistry, Zircon Uâ€“Pb and Hf isotope systematics of the ÃngalgdaÃ Pluton: Evidences for Middle Jurassic Continental Arc Magmatism in the Central Pontides, Turkey. <i>Lithos</i> , 2017, 290-291, 136-155.	0.6	20
819	Crustal contamination versus an enriched mantle source for intracontinental mafic rocks: Insights from early Paleozoic mafic rocks of the South China Block. <i>Lithos</i> , 2017, 286-287, 388-395.	0.6	26

#	ARTICLE	IF	CITATIONS
820	Laurite and zircon from the Finero chromitites (Italy): New insights into evolution of the subcontinental mantle. <i>Ore Geology Reviews</i> , 2017, 90, 210-225.	1.1	17
821	Early Jurassic intra-oceanic arc system of the Neotethys Ocean: Constraints from andesites in the Gangdese magmatic belt, south Tibet. <i>Island Arc</i> , 2017, 26, e12202.	0.5	23
822	The distribution, geochronology and geochemistry of early Paleozoic granitoid plutons in the North Altun orogenic belt, NW China: Implications for the petrogenesis and tectonic evolution. <i>Lithos</i> , 2017, 268-271, 399-417.	0.6	28
823	Mantle influence of syn- to late-Grenvillian alkaline magmatism in the Grenville Province: causes and implications. <i>Canadian Journal of Earth Sciences</i> , 2017, 54, 263-277.	0.6	4
824	Coupled zircon Lu-Hf and U-Pb isotopic analyses of the oldest terrestrial crust, the >4.03 Ga Acasta Gneiss Complex. <i>Earth and Planetary Science Letters</i> , 2017, 458, 37-48.	1.8	83
825	The discovery of late Triassic mylonitic granite and geologic significance in the middle Gangdese batholiths, southern Tibet. <i>Journal of Geodynamics</i> , 2017, 104, 49-64.	0.7	36
826	Remains of trilobites and other species discovered in a volcanic ash bed of the end-Permian, Yangtze craton, South China. <i>International Geology Review</i> , 2017, 59, 905-917.	1.1	3
827	Deposition and tectonic setting of the Palaeoproterozoic Castelo dos Sonhos metasedimentary formation, Tapaj's Gold Province, Amazonian Craton, Brazil: age and isotopic constraints. <i>International Geology Review</i> , 2017, 59, 864-883.	1.1	13
828	Sluggish Hadean geodynamics: Evidence from coupled 146,147 Sm-142,143 Nd systematics in Eoarchean supracrustal rocks of the Inukjuak domain (Quebec). <i>Earth and Planetary Science Letters</i> , 2017, 457, 23-37.	1.8	43
829	Paleoproterozoic rejuvenation and replacement of Archaean lithosphere: Evidence from zircon U-Pb dating and Hf isotopes in crustal xenoliths at Udachnaya, Siberian craton. <i>Earth and Planetary Science Letters</i> , 2017, 457, 149-159.	1.8	51
830	Interrogating the provenance of large river systems: multi-proxy <i>in situ</i> analyses in the Millstone Grit, Yorkshire. <i>Journal of the Geological Society</i> , 2017, 174, 75-87.	0.9	27
831	Pressure-dependent compatibility of iron in garnet: Insights into the origin of ferropicritic melt. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 197, 356-377.	1.6	28
832	Record of Permian-Early Triassic continental arc magmatism in the western margin of the Jiamusi Block, NE China: petrogenesis and implications for Paleo-Pacific subduction. <i>International Journal of Earth Sciences</i> , 2017, 106, 1919-1942.	0.9	41
833	Plates or plumes in the origin of kimberlites: U/Pb perovskite and Sr-Nd-Hf-Os-C-O isotope constraints from the Superior craton (Canada). <i>Chemical Geology</i> , 2017, 455, 57-83.	1.4	67
834	Geochronology and geochemistry of porphyritic intrusions in the Duolong porphyry and epithermal Cu-Au district, central Tibet: Implications for the genesis and exploration of porphyry copper deposits. <i>Ore Geology Reviews</i> , 2017, 80, 1004-1019.	1.1	40
835	The Mesozoic magmatic sources and tectonic setting of the Zijinshan mineral field, South China: Constraints from geochronology and geochemistry of igneous rocks in the Southeastern Ore Segment. <i>Ore Geology Reviews</i> , 2017, 80, 800-827.	1.1	30
836	Hafnium isotope constraints on the origin of Mesoarchaean andesites in southern West Greenland, North Atlantic Craton. <i>Geological Society Special Publication</i> , 2017, 449, 19-38.	0.8	19
837	Collision vs. subduction-related magmatism: Two contrasting ways of granite formation and implications for crustal growth. <i>Lithos</i> , 2017, 277, 154-177.	0.6	233

#	ARTICLE	IF	CITATIONS
838	Ages and Hf isotopes of detrital zircons from Paleozoic strata in the Chagan Obo Temple area, Inner Mongolia: Implications for the evolution of the Central Asian Orogenic Belt. <i>Gondwana Research</i> , 2017, 43, 149-163.	3.0	23
839	The origin of highly radiogenic Hf isotope compositions in 3.33 Ga Comondale komatiite lavas (South) Tj ETQq1 1.0.784314 rgBT /Ove	1.4	40
840	Hadean origins of Paleoproterozoic continental crust in the central Wyoming Province. <i>Bulletin of the Geological Society of America</i> , 2017, 129, 259-280.	1.6	55
841	The long (3.7–2.1 Ga) and multistage evolution of the Bug Granulite Gneiss Complex, Ukrainian Shield, based on the SIMS U–Pb ages and geochemistry of zircons from a single sample. <i>Geological Society Special Publication</i> , 2017, 449, 175-206.	0.8	20
842	Early Paleozoic intracontinental orogeny and post-orogenic extension in the South China Block: Insights from volcanic rocks. <i>Journal of Asian Earth Sciences</i> , 2017, 141, 24-42.	1.0	31
843	Geochemistry and geochronology of the Late Permian mafic intrusions along the boundary area of Jiamusi and Songnen-Zhangguangcai Range massifs and adjacent regions, northeastern China: Petrogenesis and implications for the tectonic evolution of the Mudanjiang Ocean. <i>Tectonophysics</i> , 2017, 694, 356-367.	0.9	48
844	Tachylyte in Cenozoic basaltic lavas from the Czech Republic and Iceland: contrasting compositional trends. <i>Mineralogy and Petrology</i> , 2017, 111, 761-775.	0.4	3
845	Water mass circulation and weathering inputs in the Labrador Sea based on coupled Hf–Nd isotope compositions and rare earth element distributions. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 199, 164-184.	1.6	24
846	Late Neoproterozoic supracrustal rocks from the Anshan-Benxi terrane, North China Craton: New geodynamic implications from the geochemical record. <i>Numerische Mathematik</i> , 2017, 317, 1095-1148.	0.7	18
847	Zircon Hafnium–Oxygen Isotope and Trace Element Petrochronology of Intraplate Volcanic Rocks from the Eifel (Germany) and Implications for Mantle versus Crustal Origins of Zircon Megacrysts. <i>Journal of Petrology</i> , 2017, 58, 1841-1870.	1.1	42
848	The geochronologic and geochemical constraints on the Early Cretaceous subduction magmatism in the central Lhasa subterrane, Tibet. <i>Geological Journal</i> , 2017, 52, 463-475.	0.6	12
849	Tectonic evolution of Precambrian basement massifs and an adjoining fold-and-thrust belt (Gyeonggi) Tj ETQq1 1.0.784314 rgBT /Ove	0.6	46
850	U–Pb SHRIMP II age and origin of zircon from ilmenite of the bug Paleoproterozoic complex, Ukrainian Shield. <i>Doklady Earth Sciences</i> , 2017, 477, 1391-1395.	0.2	8
851	Hafnium Isotope Characteristics of Palaeoproterozoic Zircon from the Owens Gully Diorite, Pilbara Craton, Western Australia. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 659-673.	1.7	22
852	Heterogeneous Conservation of Zircon Xenocrysts in Late Jurassic Granitic Intrusions within the Neoproterozoic Jiuling Batholith, South China: a Magma Chamber Growth Model in Deep Crustal Hot Zones. <i>Journal of Petrology</i> , 2017, 58, 1781-1810.	1.1	19
853	Deep-seated Carbonatite Intrusion and Metasomatism in the UHP Tromsø Nappe, Northern Scandinavian Caledonides—a Natural Example of Generation of Carbonatite from Carbonated Eclogite. <i>Journal of Petrology</i> , 2017, 58, 2403-2428.	1.1	15
854	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
856	Jurassic granitoids in the northwestern Sanandaj–Sirjan Zone: Evolving magmatism in response to the development of a Neo-Tethyan slab window. <i>Gondwana Research</i> , 2018, 62, 269-286.	3.0	31

#	ARTICLE	IF	CITATIONS
857	Origin of the ca. 50 Ma Linzizong shoshonitic volcanic rocks in the eastern Gangdese arc, southern Tibet. <i>Lithos</i> , 2018, 304-307, 374-387.	0.6	35
858	Large Paleozoic and Mesozoic porphyry deposits in the Central Asian Orogenic Belt: Geodynamic settings, magmatic sources, and genetic models. <i>Gondwana Research</i> , 2018, 58, 161-194.	3.0	57
859	Using the magmatic record to constrain the growth of continental crust—The Eoarchean zircon Hf record of Greenland. <i>Earth and Planetary Science Letters</i> , 2018, 488, 79-91.	1.8	110
860	Geochronological and geochemical study of the Baixintan magmatic Ni-Cu sulphide deposit: New implications for the exploration potential in the western part of the East Tianshan nickel belt (NW) Tj ETQq1 1 0.7843 14 rgB7 Overlook		
861	Rapid oxygen diffusion during high temperature alteration of zircon. <i>Scientific Reports</i> , 2018, 8, 3661.	1.6	8
862	Enstatite chondrites EL3 as building blocks for the Earth: The debate over the $^{146}\text{Sm}$ – $^{142}\text{Nd}$ systematics. <i>Earth and Planetary Science Letters</i> , 2018, 488, 68-78.	1.8	36
863	Evaluating igneous sources of the Taveyannaz formation in the Central Alps by detrital zircon U–Pb age dating and geochemistry. <i>Swiss Journal of Geosciences</i> , 2018, 111, 399-416.	0.5	25
864	Implications of Eocene-age Philippine Sea and forearc basalts for initiation and early history of the Izu-Bonin-Mariana arc. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 228, 136-156.	1.6	48
865	Contrasting sources of Late Paleozoic rhyolite magma in the Polish Lowlands: evidence from U–Pb ages and Hf and O isotope composition in zircon. <i>International Journal of Earth Sciences</i> , 2018, 107, 2065-2081.	0.9	8
866	The Calzadilla Ophiolite (SW Iberia) and the Ediacaran fore-arc evolution of the African margin of Gondwana. <i>Gondwana Research</i> , 2018, 58, 71-86.	3.0	32
867	Geochemical constraints on genesis of Paleoproterozoic A-type granite in the south margin of North China Craton. <i>Lithos</i> , 2018, 304-307, 489-500.	0.6	29
868	The Archean Fortescue large igneous province: A result of komatiite contamination by a distinct Eo-Paleoarchean crust. <i>Precambrian Research</i> , 2018, 310, 365-390.	1.2	23
869	Late Cretaceous tectonothermal evolution of the southern Lhasa terrane, South Tibet: Consequence of a Mesozoic Andean-type orogeny. <i>Tectonophysics</i> , 2018, 730, 100-113.	0.9	9
870	Geochemistry and U–Pb–Hf zircon data for plutonic rocks of the Troia Massif, Borborema Province, NE Brazil: Evidence for reworking of Archean and juvenile Paleoproterozoic crust during Rhyacian accretionary and collisional tectonics. <i>Precambrian Research</i> , 2018, 311, 167-194.	1.2	32
871	Complex growth and reworking processes in the Yangtze cratonic nucleus. <i>Precambrian Research</i> , 2018, 311, 262-277.	1.2	28
872	One or Two Early Cretaceous Arc Systems in the Lhasa Terrane, Southern Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3391-3413.	1.4	74
873	Successive sedimentary recycling regimes in southwestern Gondwana: Evidence from detrital zircons in Neoproterozoic to Cambrian sedimentary rocks in southern Africa. <i>Earth-Science Reviews</i> , 2018, 181, 43-60.	4.0	44
874	Provenance of the great Cambrian sandstone succession of northern Gondwana unravelled by strontium, neodymium and lead isotopes of feldspars and clays. <i>Sedimentology</i> , 2018, 65, 2595-2620.	1.6	10

#	ARTICLE	IF	CITATIONS
875	A new U–Pb zircon age and a volcanogenic model for the early Permian Chemnitz Fossil Forest. <i>International Journal of Earth Sciences</i> , 2018, 107, 2465-2489.	0.9	18
876	Geochronology, geochemistry, and tectonic implications of upper Silurian – Lower Devonian meta-sedimentary rocks from the Jiangyu Group in eastern Jilin Province, Northeast China. <i>Canadian Journal of Earth Sciences</i> , 2018, 55, 490-504.	0.6	25
877	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
878	Remnants of Eoarchean continental crust derived from a subducted proto-arc. <i>Science Advances</i> , 2018, 4, eaao3159.	4.7	107
879	Decoupled Hf and Nd isotopes in suspended particles and in the dissolved load of Late Archean seawater. <i>Chemical Geology</i> , 2018, 483, 111-118.	1.4	10
880	Birimian crustal growth in the West African Craton: U-Pb, O and Lu-Hf isotope constraints from detrital zircon in major rivers. <i>Chemical Geology</i> , 2018, 479, 259-271.	1.4	15
881	Detrital zircon age, oxygen and hafnium isotope systematics record rigid continents after 2.5 Ga. <i>Gondwana Research</i> , 2018, 57, 90-118.	3.0	15
882	Geochronology and petrogenesis of the Qibaoshan Cu-polymetallic deposit, northeastern Hunan Province: Implications for the metal source and metallogenic evolution of the intracontinental Qinhang Cu-polymetallic belt, South China. <i>Lithos</i> , 2018, 302-303, 519-534.	0.6	24
883	Petrogenesis of the late Early Cretaceous granodiorite – Quartz diorite from eastern Guangdong, SE China: Implications for tectono-magmatic evolution and porphyry Cu–Au–Mo mineralization. <i>Lithos</i> , 2018, 304-307, 388-411.	0.6	16
884	Hainan mantle plume produced late Cenozoic basaltic rocks in Thailand, Southeast Asia. <i>Scientific Reports</i> , 2018, 8, 2640.	1.6	71
885	New zircon U-Pb LA-ICP-MS ages and Hf isotope data from the Central Pontides (Turkey): Geological and geodynamic constraints. <i>Journal of Geodynamics</i> , 2018, 116, 23-36.	0.7	27
886	The Sm-Nd Method. , 0, , 67-98.		0
887	The Lu-Hf, Ba-La-Ce and K-Ca Systems. , 0, , 218-239.		0
888	Extinct Radionuclides. , 0, , 407-443.		0
889	Survival of the Lhasa Terrane during its collision with Asia due to crust-mantle coupling revealed by ca. 114 Ma intrusive rocks in western Tibet. <i>Lithos</i> , 2018, 304-307, 200-210.	0.6	7
890	Sr–Nd–Hf isotopic fingerprinting of transatlantic dust derived from North Africa. <i>Earth and Planetary Science Letters</i> , 2018, 486, 23-31.	1.8	37
891	The Paleoproterozoic Vishnu basin in southwestern Laurentia: Implications for supercontinent reconstructions, crustal growth, and the origin of the Mojave crustal province. <i>Precambrian Research</i> , 2018, 308, 1-17.	1.2	25
892	Geochronology and geochemistry of the granites from the Zhuxi W-Cu ore deposit in South China: Implication for petrogenesis, geodynamical setting and mineralization. <i>Lithos</i> , 2018, 304-307, 155-179.	0.6	55

#	ARTICLE	IF	CITATIONS
893	Permian charnockites in the Pobeda area: Implications for Tarim mantle plume activity and HT metamorphism in the South Tien Shan range. <i>Lithos</i> , 2018, 304-307, 135-154.	0.6	14
894	Tracking Hadean processes in modern basalts with <sup>142</sup> Neodymium. <i>Earth and Planetary Science Letters</i> , 2018, 484, 184-191.	1.8	39
895	Ore genesis and geodynamic setting of the Lianhuashan porphyry tungsten deposit, eastern Guangdong Province, SE China: constraints from muscovite <sup>40</sup> Ar- <sup>39</sup> Ar and zircon U-Pb dating and Hf isotopes. <i>Mineralium Deposita</i> , 2018, 53, 797-814.	1.7	41
896	Age and origin of subvolcanic rocks from NE Iran: Link between magmatic flare-up and mineralization. <i>Chemie Der Erde</i> , 2018, 78, 254-267.	0.8	2
897	Petrogenesis of ore-forming granites with implications for W-mineralization in the super-large Shimensi tungsten-dominated polymetallic deposit in northern Jiangxi Province, South China. <i>Ore Geology Reviews</i> , 2018, 95, 1123-1139.	1.1	25
898	Do Hf isotopes in magmatic zircons represent those of their host rocks?. <i>Journal of Asian Earth Sciences</i> , 2018, 154, 202-212.	1.0	32
899	Permo-Triassic evolution of the southern margin of the Central Asian Orogenic Belt revisited: Insights from Late Permian igneous suite in the Daheishan Horst, NE China. <i>Gondwana Research</i> , 2018, 56, 23-50.	3.0	54
900	Zircon (Hf, O isotopes) as melt indicator: Melt infiltration and abundant new zircon growth within melt rich layers of granulite-facies lenses versus solid-state recrystallization in hosting amphibolite-facies gneisses (central Erzgebirge, Bohemian Massif). <i>Lithos</i> , 2018, 302-303, 65-85.	0.6	14
901	Isotopic and trace element geochemistry of the Seligdar magnesiocarbonatites (South Yakutia, Russia): Insights regarding the mantle evolution beneath the Aldan-Stanovoy shield. <i>Journal of Asian Earth Sciences</i> , 2018, 154, 354-368.	1.0	17
902	New age constraints on the palaeoenvironmental evolution of the late Paleozoic back-arc basin along the western Gondwana margin of southern Peru. <i>Journal of South American Earth Sciences</i> , 2018, 82, 165-180.	0.6	6
903	Collisional stripping of planetary crusts. <i>Earth and Planetary Science Letters</i> , 2018, 484, 276-286.	1.8	56
904	Geochemical constraints on the link between volcanism and plutonism at the Yunshan caldera complex, SE China. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	43
905	Evidence for a deep mantle source for EM and HIMU domains from integrated geochemical and geophysical constraints. <i>Earth and Planetary Science Letters</i> , 2018, 484, 154-167.	1.8	40
906	Geochronology and petrogenesis of the Early Cretaceous A-type granite from the Feie'shan W-Sn deposit in the eastern Guangdong Province, SE China: Implications for W-Sn mineralization and geodynamic setting. <i>Lithos</i> , 2018, 300-301, 330-347.	0.6	53
907	Study of late-Mesozoic magmatic rocks and their related copper-gold-polymetallic deposits in the Guichi ore-cluster district, Lower Yangtze River Metallogenic Belt, East China. <i>International Geology Review</i> , 2018, 60, 1404-1434.	1.1	26
908	Are deep-sea ecosystems surrounding Madagascar threatened by land-use or climate change?. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 131, 93-100.	0.6	12
909	Triassic rejuvenation of unexposed Archean-Paleoproterozoic deep crust beneath the western Cathaysia block, South China. <i>Tectonophysics</i> , 2018, 724-725, 65-79.	0.9	29
910	Magma Mixing in a Granite and Related Rock Association: Insight From Its Mineralogical, Petrochemical, and Reversed Isotope Features. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2262-2285.	1.4	38

#	ARTICLE	IF	CITATIONS
911	Zircon Hf and O-isotope constraints on the evolution of the Paleoproterozoic Baoulé-Mossi domain of the southern West African Craton. <i>Precambrian Research</i> , 2018, 306, 174-188.	1.2	22
912	Crustal architecture and metallogenesis in the south-eastern North China Craton. <i>Earth-Science Reviews</i> , 2018, 182, 251-272.	4.0	141
913	Field geology, geochronology, and isotope geochemistry of the Luyuangou gold deposit, China: Implications for the gold mineralization in the eastern Qinling Orogen. <i>Geological Journal</i> , 2018, 53, 96-112.	0.6	4
914	Indian-derived sediments deposited in Australia during Gondwana assembly. <i>Precambrian Research</i> , 2018, 312, 23-37.	1.2	20
915	Evidence of Enriched, Hadean Mantle Reservoir from 4.2-4.0 Ga zircon xenocrysts from Paleoproterozoic TTGs of the Singhbhum Craton, Eastern India. <i>Scientific Reports</i> , 2018, 8, 7069.	1.6	113
916	Crustal and thermal structure of the Thomson Orogen: constraints from the geochemistry, zircon U-Pb age, and Hf and O isotopes of subsurface granitic rocks. <i>Australian Journal of Earth Sciences</i> , 2018, 65, 967-986.	0.4	15
917	Signal or noise? Isolating grain size effects on Nd and Sr isotope variability in Indus delta sediment provenance. <i>Chemical Geology</i> , 2018, 485, 56-73.	1.4	47
918	Mesoproterozoic juvenile crust in microcontinents of the Central Asian Orogenic Belt: evidence from oxygen and hafnium isotopes in zircon. <i>Scientific Reports</i> , 2018, 8, 5054.	1.6	36
919	Lithium isotope behaviour during partial melting of metapelites from the Jiangnan Orogen, South China: Implications for the origin of REE tetrad effect of F-rich granite and associated rare-metal mineralization. <i>Chemical Geology</i> , 2018, 483, 372-384.	1.4	36
920	Geochemical nature of sub-ridge mantle and opening dynamics of the South China Sea. <i>Earth and Planetary Science Letters</i> , 2018, 489, 145-155.	1.8	98
921	<sup>182</sup> W and HSE constraints from 2.7 Ga komatiites on the heterogeneous nature of the Archean mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 228, 1-26.	1.6	48
922	The mantle source of island arc magmatism during early subduction: Evidence from Hf isotopes in rutile from the Jijal Complex (Kohistan arc, Pakistan). <i>Lithos</i> , 2018, 308-309, 262-277.	0.6	9
923	U-Pb Age and Hf-Nd-Sr Isotopic Systematics of Vein Rocks of the Volkovsky Massif, Middle Urals, Russia. <i>Geochemistry International</i> , 2018, 56, 199-210.	0.2	6
924	Enhanced Saharan dust input to the Levant during Heinrich stadials. <i>Quaternary Science Reviews</i> , 2018, 186, 142-155.	1.4	12
925	Picrite from the Middle-Late Triassic Stikine arc: Composition of mantle wedge asthenosphere. <i>Lithos</i> , 2018, 308-309, 446-461.	0.6	2
926	The Geon 14 arc-related mafic rocks from the central Grenville Province. <i>Canadian Journal of Earth Sciences</i> , 2018, 55, 545-570.	0.6	5
927	Multiple crust reworking in the French Armorican Variscan belt: implication for the genesis of uranium-fertile leucogranites. <i>International Journal of Earth Sciences</i> , 2018, 107, 2317-2336.	0.9	16
928	Zircon U-Pb Chronology and Hf Isotope From the Palawan Mindoro Block, Philippines: Implication to Provenance and Tectonic Evolution of the South China Sea. <i>Tectonics</i> , 2018, 37, 1063-1076.	1.3	23

#	ARTICLE	IF	CITATIONS
929	A Silurian-early Devonian slab window in the southern Central Asian Orogenic Belt: Evidence from high-Mg diorites, adakites and granitoids in the western Central Beishan region, NW China. <i>Journal of Asian Earth Sciences</i> , 2018, 153, 75-99.	1.0	32
930	New insights into the origin of the bimodal volcanism in the middle Okinawa Trough: not a basalt-rhyolite differentiation process. <i>Frontiers of Earth Science</i> , 2018, 12, 325-338.	0.9	9
931	Visualizing, interpreting and comparing detrital zircon age and Hf isotope data in basin analysis – a graphical approach. <i>Basin Research</i> , 2018, 30, 132-147.	1.3	64
932	Early Neoproterozoic arc magmatism of the Tongmuliang Group on the northwestern margin of the Yangtze Block: Implications for Rodinia assembly. <i>Precambrian Research</i> , 2018, 309, 181-197.	1.2	41
933	Neoproterozoic granitoids from the Phan Si Pan belt, Northwest Vietnam: Implication for the tectonic linkage between Northwest Vietnam and the Yangtze Block. <i>Precambrian Research</i> , 2018, 309, 212-230.	1.2	27
934	Neoproterozoic amalgamation between Yangtze and Cathaysia blocks: The magmatism in various tectonic settings and continent-arc-continent collision. <i>Precambrian Research</i> , 2018, 309, 56-87.	1.2	123
935	Provenance study for the Paleozoic sedimentary rocks from the west Yangtze Block: Constraint on possible link of South China to the Gondwana supercontinent reconstruction. <i>Precambrian Research</i> , 2018, 309, 271-289.	1.2	56
936	Extensive reworking of Archaean crust within the Birimian terrane in Ghana as revealed by combined zircon U-Pb and Lu-Hf isotopes. <i>Geoscience Frontiers</i> , 2018, 9, 173-189.	4.3	35
937	Petrogenesis and tectonic setting of the Shiduolong skarn Pb-Zn deposit in the East Kunlun Orogenic Belt: Constraints from whole-rock geochemical, zircon U-Pb and Hf isotope analyses. <i>Geological Journal</i> , 2018, 53, 1022-1038.	0.6	9
938	Evidence of early Archean crust in northwest Gondwana, from U-Pb and Hf isotope analysis of detrital zircon, in Ediacaran supracrustal rocks of northern Spain. <i>International Journal of Earth Sciences</i> , 2018, 107, 409-429.	0.9	6
939	Paleozoic tectonic evolution of the Dananhu-Tousuquan island arc belt, Eastern Tianshan: Constraints from the magmatism of the Yuhai porphyry Cu deposit, Xinjiang, NW China. <i>Journal of Asian Earth Sciences</i> , 2018, 153, 282-306.	1.0	44
940	Geochronology, petrology and geochemistry of the Mesozoic Dashizhuzi granites and lamprophyre dykes in eastern Hebei – western Liaoning: implications for lithospheric evolution beneath the North China Craton. <i>Geological Magazine</i> , 2018, 155, 1542-1565.	0.9	7
941	Detrital zircon U-Pb geochronology and Hf isotope geochemistry of metasedimentary strata in the southern Brooks Range: constraints on Neoproterozoic-Cretaceous evolution of Arctic Alaska. <i>Geological Society Special Publication</i> , 2018, 460, 121-158.	0.8	13
942	U-Pb-Hf isotopes and trace elements of metasomatic zircon delimit the evolution of neoproterozoic Capão ophiolite in the southern Brasiliano Orogen. <i>International Geology Review</i> , 2018, 60, 911-928.	1.1	20
943	A new U-Pb LA-ICP-MS age of the Rumburk granite (Lausitz Block, Saxo-Thuringian Zone): constraints for a magmatic event in the Upper Cambrian. <i>International Journal of Earth Sciences</i> , 2018, 107, 933-953.	0.9	17
944	The Late Paleozoic magmatic evolution of the Aqishan-Yamansu belt, Eastern Tianshan: Constraints from geochronology, geochemistry and Sr-Nd-Pb-Hf isotopes of igneous rocks. <i>Journal of Asian Earth Sciences</i> , 2018, 153, 170-192.	1.0	55
945	Early-Holocene greening of the Afro-Asian dust belt changed sources of mineral dust in West Asia. <i>Earth and Planetary Science Letters</i> , 2018, 481, 30-40.	1.8	27
946	Composition and age of Jurassic diabase dikes in the Xiongkun porphyry copper-gold district, southern margin of the Lhasa terrane, Tibet, China: Petrogenesis and tectonic setting. <i>Geological Journal</i> , 2018, 53, 1973-1993.	0.6	18

#	ARTICLE	IF	CITATIONS
947	Geochronology, geochemistry and Sr-Nd-Pb-Hf isotopes of the Early Jurassic granodiorite from the Sankuanggou intrusion, Heilongjiang Province, Northeastern China: Petrogenesis and geodynamic implications. <i>Lithos</i> , 2018, 296-299, 113-128.	0.6	23
948	Ca. 850 Ma magmatic events in the Tarim Craton: Age, geochemistry and implications for assembly of Rodinia supercontinent. <i>Precambrian Research</i> , 2018, 305, 489-503.	1.2	64
949	A ~565 Ma old glaciation in the Ediacaran of peri-Gondwanan West Africa. <i>International Journal of Earth Sciences</i> , 2018, 107, 885-911.	0.9	55
950	Precise microbeam dating defines three Archaean granitoid suites at the southwestern margin of the Kaapvaal Craton. <i>Precambrian Research</i> , 2018, 304, 21-38.	1.2	14
951	Multiple intrusive phases in the Leinster Batholith, Ireland: geochronology, isotope geochemistry and constraints on the deformation history. <i>Journal of the Geological Society</i> , 2018, 175, 229-246.	0.9	15
952	Petrogenesis and metallogenic implications of Late Mesozoic intrusive rocks in the Tongling region, eastern China: a case study and perspective review. <i>International Geology Review</i> , 2018, 60, 1361-1380.	1.1	35
953	Palaeoarchaeoan materials in the Tibetan Plateau indicated by zircon. <i>International Geology Review</i> , 2018, 60, 1061-1072.	1.1	8
954	A review of Palaeoarchaeoan felsic volcanism in the eastern Kaapvaal craton: Linking plutonic and volcanic records. <i>Geoscience Frontiers</i> , 2018, 9, 667-688.	4.3	47
955	Early Cretaceous adakitic rocks in the Anqing region, southeastern China: constraints on petrogenesis and metallogenic significance. <i>International Geology Review</i> , 2018, 60, 1435-1452.	1.1	25
956	Tectonic transition from a compressional to extensional metallogenic environment at ~120 Ma revealed in the Hushan gold deposit, Jiaodong, North China Craton. <i>Journal of Asian Earth Sciences</i> , 2018, 160, 408-425.	1.0	40
957	Late Paleoproterozoic tectono-thermal event in the northwestern North China Craton: Evidence from U-Pb dating and O-Hf isotopic compositions of zircons from metasedimentary rocks north of Hohhot City, Inner Mongolia, northern China. <i>Journal of Asian Earth Sciences</i> , 2018, 167, 152-164.	1.0	13
958	<sup>40</sup> Ar/ <sup>39</sup> Ar 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
959	A sedimentary overlap assemblage links Australia to northwestern Laurentia at 1.6 Ga. <i>Precambrian Research</i> , 2018, 305, 19-39.	1.2	21
960	Lu-Hf ratios of crustal rocks and their bearing on zircon Hf isotope model ages: The effects of accessories. <i>Chemical Geology</i> , 2018, 484, 179-190.	1.4	34
961	Evaluating the relative roles of crustal growth versus reworking through continental arc magmatism: A case study from the Ross orogen, Antarctica. <i>Gondwana Research</i> , 2018, 55, 153-166.	3.0	18
962	Sr and Nd isotope compositions of alluvial sediments from the Ganga Basin and their use as potential proxies for source identification and apportionment. <i>Chemical Geology</i> , 2018, 476, 327-339.	1.4	34
963	U-Pb and Lu-Hf isotopes of the Archean orthogneiss complex on eastern Hall Peninsula, southern Baffin Island, Nunavut: Identification of exotic Paleo- to Mesoarchean crust beneath eastern Hall Peninsula. <i>Precambrian Research</i> , 2018, 305, 341-357.	1.2	4
964	Late Mesoproterozoic to Early Paleozoic history of metamorphic basement from the southeastern Chiapas Massif Complex, Mexico, and implications for the evolution of NW Gondwana. <i>Lithos</i> , 2018, 300-301, 177-199.	0.6	46

#	ARTICLE	IF	CITATIONS
965	Early Cretaceous MORB-type basalt and A-type rhyolite in northern Tibet: Evidence for ridge subduction in the Bangongâ€“Nujiang Tethyan Ocean. <i>Journal of Asian Earth Sciences</i> , 2018, 154, 187-201.	1.0	48
966	Sr&Nd&Hf Isotopic Analysis of <10 mg Dust Samples: Implications for Ice Core Dust Source Fingerprinting. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 60-72.	1.0	8
967	Zircon U-Pb ages and Hf isotope data from the Kukuluma Terrain of the Geita Greenstone Belt, Tanzania Craton: Implications for stratigraphy, crustal growth and timing of gold mineralization. <i>Journal of African Earth Sciences</i> , 2018, 139, 38-54.	0.9	14
968	U-Pb and Hf isotopes of detrital zircons from the Pongola Supergroup: Constraints on deposition ages, provenance and Archean evolution of the Kaapvaal craton. <i>Precambrian Research</i> , 2018, 305, 177-196.	1.2	34
969	Ore-forming adakitic porphyry produced by fractional crystallization of oxidized basaltic magmas in a subcrustal chamber (Jiamate, East Junggar, NW China). <i>Lithos</i> , 2018, 296-299, 96-112.	0.6	10
970	Petrogenesis of Cretaceous volcanic-intrusive complex from the giant Yanbei tin deposit, South China: Implication for multiple magma sources, tin mineralization, and geodynamic setting. <i>Lithos</i> , 2018, 296-299, 163-180.	0.6	31
971	Post-collisional alkaline magmatism as gateway for metal and sulfur enrichment of the continental lower crust. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 223, 175-197.	1.6	65
972	Nd, Pb, Hf isotope characteristics and provenance of glacial granitic pebbles from Late Ordovician diamictites in the Taurides, S Turkey. <i>Gondwana Research</i> , 2018, 54, 205-216.	3.0	7
973	Early Jurassic adakitic rocks in the southern Lhasa sub-terrane, southern Tibet: petrogenesis and geodynamic implications. <i>Geological Magazine</i> , 2018, 155, 132-148.	0.9	21
974	A re-evaluation of the Kumta Suture in western peninsular India and its extension into Madagascar. <i>Journal of Asian Earth Sciences</i> , 2018, 157, 317-328.	1.0	11
975	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> , 0, , .	1.6	3
976	Lithospheric architecture and tectonic evolution of the southwestern U.S. Cordillera: Constraints from zircon Hf and O isotopic data. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 2031-2046.	1.6	22
977	The oldest granite clast in the Moodies conglomerate, Barberton greenstone belt, South Africa, and its likely origin. <i>South African Journal of Geology</i> , 2018, 121, 43-50.	0.6	8
978	Tracking partial melting and protolith nature by zircon U-Pb and Hf-O isotope compositions of migmatites in the North Dabie terrane with emphasis on Paleozoic low- <sup>18</sup> O magmatism. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 139-153.	1.6	11
979	Magma Evolution Leading to Porphyry Au-Cu Mineralization at the Ok Tedi Deposit, Papua New Guinea: Trace Element Geochemistry and High-Precision Geochronology of Igneous Zircon. <i>Economic Geology</i> , 2018, 113, 39-61.	1.8	64
980	Provenance and metamorphism of the Swakane Gneiss: Implications for incorporation of sediment into the deep levels of the North Cascades continental magmatic arc, Washington. <i>Lithosphere</i> , 2018, 10, 460-477.	0.6	13
981	The Nature and Origin of Hydrothermal REE Mineralization in the Sin Quyen Deposit, Northwestern Vietnam. <i>Economic Geology</i> , 2018, 113, 645-673.	1.8	48
982	Late Triassic intra-oceanic arc system within Neotethys: Evidence from cumulate apatite in the Gangdese belt, southern Tibet. <i>Lithosphere</i> , 2018, 10, 545-565.	0.6	52

#	ARTICLE	IF	CITATIONS
983	Peri-Gondwanan Ordovician arc magmatism in southeastern Ireland and the Isle of Man: Constraints on the timing of Caledonian deformation in Ganderia. <i>Bulletin of the Geological Society of America</i> , 2018, . .	1.6	3
984	Lu-Hf Isotopic Systematics of Zircon From Lower Crustal Xenoliths in the Belomorian Mobile Belt. <i>Geology of Ore Deposits</i> , 2018, 60, 568-577.	0.2	7
985	The ca. 2785-2805 Ma High Temperature Ilivertalik Intrusive Complex of Southern West Greenland. <i>Geosciences (Switzerland)</i> , 2018, 8, 319.	1.0	1
986	Permo-Triassic stage of alkaline magmatism in the Vitim plateau (western Transbaikalia). <i>Russian Geology and Geophysics</i> , 2018, 59, 1061-1077.	0.3	10
987	Data analysis of the U-Pb geochronology and Lu-Hf system in zircon and whole-rock Sr, Sm-Nd and Pb isotopic systems for the granitoids of Thailand. <i>Data in Brief</i> , 2018, 21, 1794-1809.	0.5	6
988	Petrogenesis and Metallogenic Implications of Neoproterozoic Granodiorite in the Super-Large Shimensi Tungsten-Copper Deposit in Northern Jiangxi, South China. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 429.	0.8	6
989	Petrology, Geochronology and Geochemistry of Late Triassic Alkaline Rocks of the Bailinchuan District in Liaodong Peninsula, Northeast China. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 528.	0.8	5
990	Mafic inputs into the rhyolitic magmatic system of the 2.08 Ma Huckleberry Ridge eruption, Yellowstone. <i>American Mineralogist</i> , 2018, 103, 757-775.	0.9	5
991	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
992	Igneous and detrital zircon U-Pb and Lu-Hf geochronology of the late Meso- to Neoproterozoic northwest Botswana rift: Maximum depositional age and provenance of the Ghanzi Group, Kalahari Copperbelt, Botswana and Namibia. <i>Precambrian Research</i> , 2018, 318, 133-155.	1.2	15
993	The strongly peraluminous A-type granites of the Characato suite (Achala batholith), Sierras Pampeanas, Argentina: Evidence of Devonian-Carboniferous crustal reworking. <i>Journal of South American Earth Sciences</i> , 2018, 88, 551-567.	0.6	16
994	Hydrothermally-altered mafic crust as source for early Earth TTG: Pb/Hf/O isotope and trace element evidence in zircon from TTG of the Eoarchean Saglek Block, N. Labrador. <i>Earth and Planetary Science Letters</i> , 2018, 503, 95-107.	1.8	46
995	Paleozoic peralkaline A-type magmatism of the Tongbai Orogen, Central China: Petrogenesis and tectonic implications. <i>Lithos</i> , 2018, 322, 268-280.	0.6	8
996	Mesozoic-Cenozoic tectonic evolution and metallogeny in Myanmar: Evidence from zircon/cassiterite U-Pb and molybdenite Re-Os geochronology. <i>Ore Geology Reviews</i> , 2018, 102, 829-845.	1.1	24
997	Link between climate and catchment erosion in the Himalaya during the late Quaternary. <i>Chemical Geology</i> , 2018, 501, 68-76.	1.4	10
998	Constraints on the timing and duration of orogenic events by combined Lu-Hf and Sm-Nd geochronology: An example from the Grenville orogeny. <i>Earth and Planetary Science Letters</i> , 2018, 501, 152-164.	1.8	34
999	Petrology and geochronology of the CalmallÃ-pluton: Insights to the suture zone between island arc and continental crusts in the southern Peninsular Ranges batholith, Baja California, MÃxico. <i>Journal of South American Earth Sciences</i> , 2018, 88, 568-588.	0.6	10
1000	Provenance of the Surveyor Fan and Precursor Sediments in the Gulf of Alaska: Implications of a Combined U-Pb, (U-Th)/He, Hf, and Rare Earth Element Study of Detrital Zircons. <i>Journal of Geology</i> , 2018, 126, 577-600.	0.7	6

#	ARTICLE	IF	CITATIONS
1001	Geochemical and geochronological evidence for a Middle Permian oceanic plateau fragment in the Paleo-Tethyan suture zone of NE Iran. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	14
1002	A tonalitic analogue to ancient detrital zircon. <i>Chemical Geology</i> , 2018, 499, 43-57.	1.4	4
1003	Step-like growth of the continental crust in South China: evidence from detrital zircons in Yangtze River sediments. <i>Lithos</i> , 2018, 320-321, 155-171.	0.6	10
1004	Sulfate minerals control dissolved rare earth element flux and Nd isotope signature of buoyant hydrothermal plume (EMSO-Azores, 37°N Mid-Atlantic Ridge). <i>Chemical Geology</i> , 2018, 499, 111-125.	1.4	20
1005	Geochemistry and geochronology of gabbros from the Asa Ophiolite, Tibet: Implications for the early Cretaceous evolution of the Meso-Tethys Ocean. <i>Lithos</i> , 2018, 320-321, 192-206.	0.6	38
1006	Zircon U-Pb geochronology and geochemistry of Early Jurassic granodiorites in Sumdo area, Tibet: Constraints on petrogenesis and the evolution of the Neo-Tethyan Ocean. <i>Lithos</i> , 2018, 320-321, 134-143.	0.6	12
1007	Hf-Nd Isotopes in Archean Marine Chemical Sediments: Implications for the Geodynamical History of Early Earth and Its Impact on Earliest Marine Habitats. <i>Geosciences (Switzerland)</i> , 2018, 8, 263.	1.0	2
1008	Differentiation mechanisms of the early Hadean mantle: Insights from combined <sup>176</sup> Hf- <sup>142</sup> Nd signatures of Archean rocks from the Saglek Block. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 240, 43-63.	1.6	20
1009	The lower crust of the Northern broken edge of Gondwana: Evidence for sediment subduction and syn-Variscan anorogenic imprint from zircon U-Pb-Hf in granulite xenoliths. <i>Gondwana Research</i> , 2018, 64, 84-96.	3.0	16
1010	Rhyacian-Orosirian isotopic records from the basement of the Araçuaia-Ribeira orogenic system (SE Tj ETQq1 1 0.784314 rgBT / Overlo	1.2	64
1011	Geochemistry and Distribution of Recycled Domains in the Mantle Inferred From Nd and Pb Isotopes in Oceanic Hot Spots: Implications for Storage in the Large Low Shear Wave Velocity Provinces. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3496-3519.	1.0	29
1012	Petrogenesis of basaltic shergottite NWA 8656. <i>Earth and Planetary Physics</i> , 2018, 2, 384-397.	0.4	2
1013	U-Pb and Hf isotopic evidence for an Arctic origin of terranes in northwestern Washington. , 2018, 14, 835-860.		7
1014	Petrogenesis and tectonic implications of Early Cretaceous volcanic rocks from Lingshan Island in the Sulu Orogenic Belt. <i>Lithos</i> , 2018, 312-313, 244-257.	0.6	39
1015	Age of basement rocks from the Maurice Ewing Bank and the Falkland/Malvinas Plateau. <i>Precambrian Research</i> , 2018, 314, 28-40.	1.2	21
1016	Magmatic Evolution during the Cretaceous Transition from Subduction to Continental Break-up of the Eastern Gondwana Margin (New Zealand) documented by in-situ Zircon O-Hf Isotopes and Bulk-rock Sr-Nd Isotopes. <i>Journal of Petrology</i> , 2018, 59, 849-880.	1.1	22
1017	Chemistry and Sr-Nd isotope signature of amphiboles of the magnesio-hastingsite-pargasite-kaersutite series in Cenozoic volcanic rocks: Insight into lithospheric mantle beneath the Bohemian Massif. <i>Lithos</i> , 2018, 312-313, 308-321.	0.6	19
1018	The early-Sveconorwegian orogeny in southern Norway: Tectonic model involving delamination of the sub-continental lithospheric mantle. <i>Precambrian Research</i> , 2018, 313, 170-204.	1.2	27

#	ARTICLE	IF	CITATIONS
1019	2.85â€Ga and 2.73â€Ga A-type granites and 2.75â€Ga trondhjemite from the Zhongxiang Terrain: Implications for early crustal evolution of the Yangtze Craton, South China. <i>Gondwana Research</i> , 2018, 61, 1-19.	3.0	48
1020	Paleoproterozoic Keulikâ€Kenirim Ore-Bearing Gabbroâ€Peridotite Complex, Kola Region: A New Occurrence of Ferropicritic Magmatism. <i>Geology of Ore Deposits</i> , 2018, 60, 142-171.	0.2	9
1021	The role of mantle-hybridization and crustal contamination in the petrogenesis of lithospheric mantle-derived alkaline rocks: constraints from Os and Hf isotopes. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	1
1022	Crustal architecture and its controls on mineralisation in the North China Craton. <i>Ore Geology Reviews</i> , 2018, 98, 109-125.	1.1	24
1023	Provenance, weathering conditions, and tectonic evolution history of the Cambrian meta-sediments in the Zhuguangshan area, Cathaysia Block. <i>Precambrian Research</i> , 2018, 311, 195-210.	1.2	14
1024	The origin and crustal evolution of microcontinents in the Beishan orogen of the southern Central Asian Orogenic Belt. <i>Earth-Science Reviews</i> , 2018, 185, 1-14.	4.0	95
1025	Zircon U-Pb ages and Hf isotopes of Paleozoic metasedimentary rocks from the Habahe Group in the Qinghe area, Chinese Altai and their tectonic implications. <i>Gondwana Research</i> , 2018, 61, 100-114.	3.0	17
1026	Petrogenesis of Mid-Eocene granites in South Sakhalin, Russian Far East: Juvenile crustal growth and comparison with granitic magmatism in Hokkaido and Sikhote-Alin. <i>Journal of Asian Earth Sciences</i> , 2018, 167, 103-129.	1.0	12
1027	Tracking Deep Lithospheric Events with Garnet-Websterite Xenoliths from Southeastern Australia. <i>Journal of Petrology</i> , 2018, 59, 901-930.	1.1	16
1028	The Strandja Massif and the Ästanbul Zone were once parts of the same palaeotectonic unit: new data from Triassic detrital zircons. <i>Geodinamica Acta</i> , 2018, 30, 212-224.	2.2	10
1029	Westward-younging high-Mg adakitic magmatism in central Tibet: Record of a westward-migrating lithospheric foundering beneath the Lhasaâ€Qiangtang collision zone during the Late Cretaceous. <i>Lithos</i> , 2018, 316-317, 92-103.	0.6	25
1030	Early Mesozoic magmatism and tectonic evolution of east-central Tibet. <i>International Journal of Earth Sciences</i> , 2018, 107, 2767-2784.	0.9	11
1031	North African mineral dust across the tropical Atlantic Ocean: Insights from dust particle size, radiogenic Sr-Nd-Hf isotopes and rare earth elements (REE). <i>Aeolian Research</i> , 2018, 33, 106-116.	1.1	25
1032	New constraints on the Cretaceous geodynamics of paleo-Pacific plate subduction: Insights from the Xiaojiangâ€Beizhang granitoids, Zhejiang Province, southeast China. <i>Lithos</i> , 2018, 314-315, 382-399.	0.6	8
1033	Evidence for extremely rapid magma ocean crystallization and crust formation on Mars. <i>Nature</i> , 2018, 558, 586-589.	13.7	111
1034	Detrital Zircons Reveal Evidence of Hadean Crust in the Singhbhum Craton, India. <i>Journal of Geology</i> , 2018, 126, 541-552.	0.7	55
1035	Roll-Back, Extension and Mantle Upwelling Triggered Eocene Potassic Magmatism in NW Iran. <i>Journal of Petrology</i> , 2018, 59, 1417-1465.	1.1	47
1036	Zircon indicators of fluid sources and ore genesis in a multi-stage hydrothermal system: The Dongping Au deposit in North China. <i>Lithos</i> , 2018, 314-315, 463-478.	0.6	46

#	ARTICLE	IF	CITATIONS
1037	Paleoproterozoic porphyries and coarse-grained granites manifesting a vertical hierarchical structure of Archean continental crust beneath the Yangtze Craton. <i>Precambrian Research</i> , 2018, 314, 288-305.	1.2	17
1038	Diagenetic overprint on authigenic Nd isotope records: A case study of the Bering Slope. <i>Earth and Planetary Science Letters</i> , 2018, 498, 247-256.	1.8	2
1039	Tungsten-182 in the upper continental crust: Evidence from glacial diamictites. <i>Chemical Geology</i> , 2018, 494, 144-152.	1.4	40
1040	Petrogenesis of Derraman Peralkaline granite (Oulad Dlim Massif, West African Craton Margin.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> <i>Geoscience</i> , 2018, 350, 236-244.	0.4	10
1041	Combined zircon U Pb and Lu Hf isotopes study of magmatism and high-P metamorphism of the basal allochthonous units in the SW Iberian Massif (Ossa-Morena complex). <i>Lithos</i> , 2018, 322, 20-37.	0.6	23
1042	In situ LA-ICPMS Isotopic and Geochronological Studies on Carbonatites and Phoscorites from the Guli Massif, Maymecha-Kotuy, Polar Siberia. <i>Geochemistry International</i> , 2018, 56, 766-783.	0.2	8
1043	Reconstruction of the Neoproterozoic Cambrian Orogenesis in Princess Elisabeth Land (East) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50</i> <i>Geoscience</i> , 2018, 350, 236-244.	0.2	2
1044	The Spongtang Massif in Ladakh, NW Himalaya: An Early Cretaceous record of spontaneous, intra-oceanic subduction initiation in the Neotethys. <i>Gondwana Research</i> , 2018, 63, 226-249.	3.0	52
1045	Extending the realm of Archean crust in the Great Falls tectonic zone: Evidence from the Little Rocky Mountains, Montana. <i>Precambrian Research</i> , 2018, 315, 264-281.	1.2	12
1046	Final Assembly of the Southwestern Central Asian Orogenic Belt as Constrained by the Evolution of the South Tianshan Orogen: Links With Gondwana and Pangea. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 7361-7388.	1.4	53
1047	Pre-Variscan tectonic events and Late Ordovician magmatism in the Central Pyrenees: U Pb age and Hf in zircon isotopic signature from subvolcanic sills in the Pallaresa massif. <i>Journal of Iberian Geology</i> , 2018, 44, 589-601.	0.7	10
1048	Age and Geochemistry of the Cape Burks Gabbroids (Russkaya Station Area, West Antarctica). <i>Geochemistry International</i> , 2018, 56, 628-650.	0.2	0
1049	Genesis of the Paleoproterozoic Ammassalik Intrusive Complex, south-east Greenland. <i>Precambrian Research</i> , 2018, 315, 19-44.	1.2	13
1050	Cadomian metasediments and Ordovician sandstone from Corsica: detrital zircon U Pb Hf constrains on their provenance and paleogeography. <i>International Journal of Earth Sciences</i> , 2018, 107, 2803-2818.	0.9	14
1052	Hafnium. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 629-631.	0.1	0
1053	Native Minerals. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 957-961.	0.1	0
1054	Trace element and Nd isotope composition of shallow seawater prior to the Great Oxidation Event: Evidence from stromatolitic bioherms in the Paleoproterozoic Rooinekke and Nelani Formations, South Africa. <i>Precambrian Research</i> , 2018, 315, 92-102.	1.2	31
1055	Volcanic-subvolcanic rocks and tectonic setting of the Zhengguang intermediate sulfidation epithermal Au-Zn deposit, eastern Central Asian Orogenic Belt, NE China. <i>Journal of Asian Earth Sciences</i> , 2018, 165, 328-351.	1.0	21

#	ARTICLE	IF	CITATIONS
1056	Capturing the Mesoarchean Emergence of Continental Crust in the Coorg Block, Southern India. <i>Geophysical Research Letters</i> , 2018, 45, 7444-7453.	1.5	28
1057	Genesis of ultra-high pressure garnet pyroxenites in orogenic peridotites and its bearing on the compositional heterogeneity of the Earth's mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 232, 303-328.	1.6	21
1058	Melt-Fluxed Melting of the Heterogeneously Mixed Lower Arc Crust: A Case Study from the Qinling Orogenic Belt, Central China. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1767-1788.	1.0	15
1059	On the Sr-Nd-Pb-Hf isotope code of enriched, Dupal-type sub-continental lithospheric mantle underneath south-western China. <i>Chemical Geology</i> , 2018, 489, 46-60.	1.4	9
1060	Primary Data on U/Pb-Isotope Ages and Lu/Hf-Isotope Geochemical Systematization of Detrital Zircons from the Lopatinskii Formation (Vendian-Cambrian Transition Levels) and the Tectonic Nature of Teya-Chapa Depression (Northeastern Yenisei Ridge). <i>Doklady Earth Sciences</i> , 2018, 479, 286-289.	0.2	6
1061	Rapid crustal growth and efficient crustal recycling in the early Earth: Implications for Hadean and Archean geodynamics. <i>Earth and Planetary Science Letters</i> , 2018, 494, 42-49.	1.8	84
1062	Sr, Nd, and Hf Isotope Composition of Rocks of the Reft Gabbro-Diorite-Tonalite Complex (Eastern Tj ETQq0 0 0 rgBT /Overlock 10 2018, 56, 495-508.	0.2	2
1063	Variable distribution of s-process Hf and W isotope carriers in chondritic meteorites - Evidence from 174Hf and 180W. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 239, 346-362.	1.6	7
1064	Primary petrology, mineralogy and age of the Letšeng-la-Terae kimberlite (Lesotho, Southern Africa) and parental magmas of Group-I kimberlites. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	11
1065	A complex history of silicate differentiation of Mars from Nd and Hf isotopes in crustal breccia NWA 7034. <i>Earth and Planetary Science Letters</i> , 2018, 502, 274-283.	1.8	23
1066	1.39 Ga mafic dyke swarm in southwestern Yilgarn Craton marks Nuna to Rodinia transition in the West Australian Craton. <i>Precambrian Research</i> , 2018, 316, 291-304.	1.2	17
1067	Geochronology, geochemistry and Nd-Hf isotopes of the Xiaokouzi granite from the Helanshan complex: Constraints on the Paleoproterozoic evolution of the Khondalite Belt, North China Craton. <i>Precambrian Research</i> , 2018, 317, 57-76.	1.2	13
1068	Magmatic-tectonic control on the generation of silicic magmas in Iceland: Constraints from Hafnarfjall-Skarashei volcano. <i>Lithos</i> , 2018, 318-319, 326-339.	0.6	11
1069	Unexposed Archean components and complex post-Archean accretion/reworking processes beneath the southern Yangtze Block revealed by zircon xenocrysts from the Paleozoic lamproites, South China. <i>Precambrian Research</i> , 2018, 316, 174-196.	1.2	18
1070	U-Pb ages and Hf isotopic composition of zircons and whole rock geochemistry of volcanic rocks from the Fangniugou area: Implications for early-middle Paleozoic tectonic evolution in Jilin Province, NE China. <i>Journal of Mineralogical and Petrological Sciences</i> , 2018, 113, 10-23.	0.4	13
1071	Timing and origin of magmatism in the Sverdrup Basin, Northern Canada - Implications for lithospheric evolution in the High Arctic Large Igneous Province (HALIP). <i>Tectonophysics</i> , 2018, 742-743, 50-65.	0.9	42
1072	Preliminary detrital zircon signatures from the southern Asir terrane, Saudi Arabia: A link to Yemen or the Nubian Shield?. <i>Precambrian Research</i> , 2018, 311, 247-261.	1.2	9
1073	Hf-Nd-Sr Isotopic Composition as Fingerprint for Long-Range Transported Eolian Dust Deposition in Glacier Snowpack of Eastern Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 7013-7023.	1.2	22

#	ARTICLE	IF	CITATIONS
1074	Genesis of the Archean–Paleoproterozoic Tabletop Domain, Rudall Province, and its endemic relationship to the West Australian Craton. <i>Australian Journal of Earth Sciences</i> , 2018, 65, 739-768.	0.4	10
1075	Hafnium–Neodymium Isotope Systematics of Carbonatites from the Guli Massif (Maimecha–Kotui) Tj ETQq1 1 0,784314,rgBT /Overlock 10 T	0.2	3
1076	The secular development of accretionary orogens: linking the Gondwana magmatic arc record of West Antarctica, Australia and South America. <i>Gondwana Research</i> , 2018, 63, 15-33.	3.0	35
1077	Timescales of collisional metamorphism from Sm-Nd, Lu-Hf and U-Pb thermochronology: A case from the Proterozoic Putumayo Orogen of Amazonia. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 235, 103-126.	1.6	21
1078	Isotopic Disequilibrium in Migmatitic Hornfels of the Gennargentu Igneous Complex (Sardinia, Italy) Records the Formation of Low 87Sr/86Sr Melts from a Mica-Rich Source. <i>Journal of Petrology</i> , 2018, 59, 1309-1328.	1.1	7
1079	Hafnium isotopic constraints on the origin of late Miocene to Pliocene seamount basalts from the South China Sea and its tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2019, 171, 162-168.	1.0	22
1080	Geochemistry and tectonic implications of Early Permian granitic rocks in the Xingxingxia area of Chinese Central Tianshan Arc Terrane. <i>Geological Journal</i> , 2019, 54, 1578-1590.	0.6	7
1081	Early Cenozoic thickening and reworking of the eastern Gangdese arc, south Tibet: constraints from the Oligocene granitoids. <i>Geological Society Special Publication</i> , 2019, 474, 291-308.	0.8	9
1082	Geochronology and geochemistry of volcanic rocks from the Tianshan Group, NW China: implications for the early Paleozoic tectonic evolution of the North Qaidam Orogen. <i>Geological Journal</i> , 2019, 54, 1769-1796.	0.6	25
1083	New U-Pb-Hf zircon isotope data for the Paleoproterozoic Ubendian belt in the Chimala area, SW Tanzania. <i>Geoscience Frontiers</i> , 2019, 10, 1993-2006.	4.3	7
1084	The formation of the Cuoqiyao giant porphyry Mo deposit on the northern margin of the North China Craton: Constraints from U–Pb and Rb–Sr geochronology, whole-rock geochemistry, Hf isotopes, and oxygen fugacity of the magma. <i>Geological Journal</i> , 2019, 54, 2160-2184.	0.6	4
1085	Cambrian magmatism in the Tethys Himalaya and implications for the evolution of the Proto-Tethys along the northern Gondwana margin: A case study and overview. <i>Geological Journal</i> , 2019, 54, 2545-2565.	0.6	25
1086	Detrital zircon characterization of early Cambrian sandstones from East Avalonia and SE Ireland: implications for terrane affinities in the peri-Gondwanan Caledonides. <i>Geological Magazine</i> , 2019, 156, 1217-1232.	0.9	25
1087	Late Paleozoic–Early Mesozoic southward subduction-closure of the Paleo-Asian Ocean: Proof from geochemistry and geochronology of Early Permian–Late Triassic felsic intrusive rocks from North Liaoning, NE China. <i>Lithos</i> , 2019, 346-347, 105165.	0.6	12
1088	Hafnium Isotope Composition of Zircon from the Kondyor Clinopyroxenite-Dunitite Massif (Khabarovsk) Tj ETQq0 0 0,rgBT /Overlock 10 T	0.2	0
1089	Lu-Hf isotopic evidence of a deep mantle plume source for the 4.206 Ga Bushveld Large Igneous Province. <i>Lithos</i> , 2019, 348-349, 105168.	0.6	11
1090	Fragments of Metasomatized Forearc: Origin and Implications of Mafic and Ultramafic Xenoliths From Kharchinsky Volcano, Kamchatka. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4426-4456.	1.0	14
1091	Origins and tectonic implications of Late Cretaceous adakite and primitive high-Mg andesite in the Songdo area, southern Lhasa subterrane, Tibet. <i>Gondwana Research</i> , 2019, 76, 185-203.	3.0	13

#	ARTICLE	IF	CITATIONS
1092	Early Cretaceous ridge subduction beneath southern Alaska: Insights from zircon U-Pb geochronology, hafnium, and oxygen isotopic compositions of the Western Chugach tonalite-trondhjemite suite. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 521-546.	1.6	5
1093	Lachlan Orogen, Eastern Australia: Triangle Formation Records the Late Ordovician Arrival of the Macquarie Arc Terrane at the Margin of Eastern Gondwana. <i>Tectonics</i> , 2019, 38, 3373-3393.	1.3	5
1094	Assessing the preservation and provenance of Sr and Nd isotopic signatures in Cretaceous volcanic ash beds. <i>Lithos</i> , 2019, 346-347, 105145.	0.6	4
1095	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
1096	Zircon U-Pb ages and Hf isotope compositions of the Neoproterozoic magmatic rocks in the Helan Mountains, North China. <i>Geological Magazine</i> , 2019, 156, 2104-2112.	0.9	5
1097	Formation of lower to middle crust of the Wyoming Craton, Montana (USA), using evidence from zircon Hf-O isotopic and trace element compositions. <i>Chemical Geology</i> , 2019, 525, 218-244.	1.4	6
1098	Nucleosynthetic Sr-Nd Isotope Correlations in Chondrites: Evidence for Nebular Thermal Processing and Dust Transportation in the Early Solar System. <i>Astrophysical Journal</i> , 2019, 879, 79.	1.6	17
1099	Two-stage magmatic events of the early Paleozoic in the eastern Hexi Corridor Belt, NW China: petrogenesis and tectonic implications. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	0
1100	Post-spreading Basalts from the Nanyue Seamount: Implications for the Involvement of Crustal- and Plume-Type Components in the Genesis of the South China Sea Mantle. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 378.	0.8	6
1101	Architecture and composition of ocean floor subducted beneath northern Gondwana during Neoproterozoic to Cambrian: A palinspastic reconstruction based on Ocean Plate Stratigraphy (OPS). <i>Gondwana Research</i> , 2019, 76, 77-97.	3.0	25
1102	The crust-mantle evolution of the Anabar tectonic province in the Siberian Craton: Coupled or decoupled?. <i>Precambrian Research</i> , 2019, 332, 105388.	1.2	20
1103	Petrology of the enriched poikilitic shergottite Northwest Africa 10169: Insight into the martian interior. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 266, 435-462.	1.6	24
1104	Nd-Hf-O isotopic evidence for subduction-induced crustal replacement in NE China. <i>Chemical Geology</i> , 2019, 525, 125-142.	1.4	19
1105	Geochronology, geochemistry and Sr-Nd-Hf isotopic compositions of Late Cretaceous-Eocene granites in southern Myanmar: Petrogenetic, tectonic and metallogenic implications. <i>Ore Geology Reviews</i> , 2019, 112, 103031.	1.1	26
1106	Toward a myth-free geodynamic history of Earth and its neighbors. <i>Earth-Science Reviews</i> , 2019, 198, 102905.	4.0	29
1107	Determination of the isotopic composition of hafnium using MC-ICPMS. <i>Metrologia</i> , 2019, 56, 044008.	0.6	9
1108	Pb-isotopic constraints on the source of A-type Suites: Insights from the Hiltaba Suite - Gawler Range Volcanics Magmatic Event, Gawler Craton, South Australia. <i>Lithos</i> , 2019, 346-347, 105156.	0.6	7
1109	Periodic Paleoproterozoic calc-alkaline magmatism at the south eastern margin of the Yilgarn Craton; implications for Nuna configuration. <i>Precambrian Research</i> , 2019, 332, 105400.	1.2	11

#	ARTICLE	IF	CITATIONS
1110	Light Mg Isotopic Composition in the Mantle Beyond the Big Mantle Wedge Beneath eastern Asia. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 8043-8056.	1.4	19
1111	The Huckleberry Ridge Tuff, Yellowstone: evacuation of multiple magmatic systems in a complex episodic eruption. <i>Journal of Petrology</i> , 2019, 60, 1371-1426.	1.1	15
1112	Harmonic hierarchy of mantle and lithospheric convective cycles: Time series analysis of hafnium isotopes of zircon. <i>Gondwana Research</i> , 2019, 75, 239-248.	3.0	29
1113	Petrogenesis and metallogenic implications of volcanic rocks from the Lawu basin, eastern Tibet: Insights into the intracontinental Eocene-Oligocene porphyry copper systems. <i>Ore Geology Reviews</i> , 2019, 111, 103001.	1.1	11
1114	Constraints on Archean crust formation from open system models of Earth evolution. <i>Chemical Geology</i> , 2019, 530, 119307.	1.4	7
1115	The nature of Earth's first crust. <i>Chemical Geology</i> , 2019, 530, 119321.	1.4	40
1116	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
1117	Investigation of Mode I Notch Toughness of Zr <sub>41.2</sub> Ti <sub>13.8</sub> Cu <sub>10</sub> Ni <sub>12.5</sub> Be <sub>22.5</sub> Metallic Glass under Dynamic Loading Conditions. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 6025-6032.	1.2	3
1118	Novillo Metamorphic Complex, Huizachal-Peregrina Anticlinorium, Tamaulipas, Mexico: Characterization and development based on whole-rock geochemistry and Nd-isotopic ratios. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102382.	0.6	10
1119	Geochemistry of volcanic rocks from Oldoinyo Lengai, Tanzania: Implications for mantle source lithology. <i>Lithos</i> , 2019, 350-351, 105223.	0.6	4
1120	Genesis of the Shangjinshan W-Mo polymetallic deposit in the Eastern Jiangnan tungsten belt: Evidences from geochemistry, geochronology and zircon Hf isotope analyses. <i>Ore Geology Reviews</i> , 2019, 115, 103172.	1.1	20
1121	Whole-rock and zircon geochemistry of the Xiaoliugou granites, North Qilian Orogen (NW China): Implications for tectonic setting, magma evolution and W-Mo mineralization. <i>Ore Geology Reviews</i> , 2019, 115, 103166.	1.1	9
1122	Geochronology and Geochemistry of Archean TTG and Tremolite Schist Xenoliths in Yemadong Complex: Evidence for ~3.0 Ga Archean Continental Crust in Kongling High-Grade Metamorphic Terrane, Yangtze Craton, China. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 689.	0.8	9
1123	Geochemistry and geochronology of zircons from granite-hosted gold mineralization in the Jiaodong Peninsula, North China: Implications for ore genesis. <i>Ore Geology Reviews</i> , 2019, 115, 103188.	1.1	23
1124	Early Permian A-type Granites in the Zhangdaqi Area, Inner Mongolia, China and Their Tectonic Implications. <i>Acta Geologica Sinica</i> , 2019, 93, 1300-1316.	0.8	4
1125	Influence of Sputtering Power on the Electrical Properties of In-Sn-Zn Oxide Thin Films Deposited by High Power Impulse Magnetron Sputtering. <i>Coatings</i> , 2019, 9, 715.	1.2	6
1126	U-Pb age and Hf isotope record of detrital zircon grains from the North Delhi Supergroup, NW India: implications for provenance and stratigraphic correlations. <i>International Journal of Earth Sciences</i> , 2019, 108, 2683-2697.	0.9	9
1127	The Archean granulite-enderbite complex of the northern Carajás province, Amazonian craton (Brazil): Origin and implications for crustal growth and cratonization. <i>Lithos</i> , 2019, 350-351, 105275.	0.6	12

#	ARTICLE	IF	CITATIONS
1128	Hot and Heterogenous High <sup>3</sup> He/ <sup>4</sup> He Components: New Constraints From Proto-Iceland Plume Lavas From Baffin Island. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5939-5967.	1.0	15
1129	From magmatic generation to UHP metamorphic overprint and subsequent exhumation: A rapid cycle of plate movement recorded by the supra-subduction zone ophiolite from the North Qaidam orogen. <i>Lithos</i> , 2019, 350-351, 105238.	0.6	15
1130	From Breakup of Nuna to Assembly of Rodinia: A Link Between the Chinese Central Tianshan Block and Fennoscandia. <i>Tectonics</i> , 2019, 38, 4378-4398.	1.3	30
1131	U-Pb detrital zircon constraints on the depositional age and provenance of the dinosaur-bearing Upper Cretaceous Wadi Milk formation of Sudan. <i>Cretaceous Research</i> , 2019, 97, 52-72.	0.6	15
1132	Detrital zircons and sediment dispersal from the Coahuila terrane of northern Mexico into the Marathon foreland of the southern Midcontinent. , 2019, 15, 1102-1127.		24
1133	The Barreiro suite in the central Ribeira Belt (SE-Brazil): a late Tonian tholeiitic intraplate magmatic event in the distal passive margin of the São Francisco Paleocontinent. <i>Brazilian Journal of Geology</i> , 2019, 49, .	0.3	8
1134	Formation of the Granodiorite-Hosting Magushan Cu-Mo Polymetallic Deposit in Southern Anhui, Eastern China: Evidences from Geochronology and Geochemistry. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 475.	0.8	12
1135	Contemporaneous Paleogene arc-magmatism within continental and accreted oceanic arc complexes in the northwestern Andes and Panama. <i>Lithos</i> , 2019, 348-349, 105185.	0.6	10
1136	Shallow reworking of magmatic zircon grains of latest Neoproterozoic (Timanian) age in serpentinite of the Voykar Massif, Polar Urals: new constraints from U-Pb isotopic data, and first trace elements and Lu-Hf isotopic data. <i>Gff</i> , 2019, 141, 253-262.	0.4	1
1137	Age and Origin of Deep Crustal Meta-igneous Xenoliths from the Scottish Midland Valley: Vestiges of an Early Palaeozoic Arc and "Newer Granite" Magmatism. <i>Journal of Petrology</i> , 2019, 60, 1543-1574.	1.1	13
1138	Geochemistry and geochronology of the shallow-level La Esperanza magmatic system (Permian-Triassic), Northern Patagonia. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102347.	0.6	8
1139	Phenotypic characterization and genetic mapping of the dwarf mutant m34 in maize. <i>Journal of Integrative Agriculture</i> , 2019, 18, 948-957.	1.7	7
1140	Accessory mineral petrochronology reveals 30 m.y. of partial melting during the separation of Zealandia from eastern Gondwana. <i>Lithosphere</i> , 2019, 11, 169-189.	0.6	6
1141	Petrogenesis of a Large-Scale Miocene Zeolite Tuff in the Eastern Slovak Republic: The Ni <sup>3/4</sup> n <sup>1/2</sup> Hrabovec Open-Pit Clinoptilolite Mine. <i>Economic Geology</i> , 2019, 114, 1177-1194.	1.8	17
1142	Two billion years of mantle evolution in sync with global tectonic cycles. <i>Earth and Planetary Science Letters</i> , 2019, 528, 115820.	1.8	4
1143	Nature of charnockite and Closepet granite in the Dharwar Craton: Implications for the architecture of the Archean crust. <i>Precambrian Research</i> , 2019, 334, 105478.	1.2	19
1144	Origin of the Xiaohekou skarn copper deposit and related granitoids in the Zha-Shan ore cluster area, South Qinling, China. <i>Ore Geology Reviews</i> , 2019, 114, 103143.	1.1	15
1145	Precambrian crustal evolution of the southwestern Tarim Craton, NW China: Constraints from new detrital zircon ages and Hf isotopic data of the Neoproterozoic metasedimentary rocks. <i>Precambrian Research</i> , 2019, 334, 105473.	1.2	15

#	ARTICLE	IF	CITATIONS
1146	Fluid-zircon interaction during low-temperature hydrothermal processes: Implications for the genesis of the Banxi antimony deposit, South China. <i>Ore Geology Reviews</i> , 2019, 114, 103137.	1.1	24
1147	A-type volcanicâ€“intrusive complex in the Huanggangshan Basin: Implications for early cretaceous crustâ€“mantle interaction in the Gan-Hang Belt and adjacent areas, South China. <i>Lithos</i> , 2019, 336-337, 258-275.	0.6	14
1148	Control on the size of porphyry copper reserves in the North Balkhashâ€“West Junggar Metallogenic Belt. <i>Lithos</i> , 2019, 328-329, 244-261.	0.6	2
1149	Variations in trace metal concentrations and Sr, Nd isotopic compositions in sediments from two contrasting settings in the Eastern Arabian Shelf: Implications for provenance and paleoclimate reconstruction. <i>Chemical Geology</i> , 2019, 509, 134-151.	1.4	6
1150	Ages and Hf isotopes of detrital zircons from the Permian strata in the Bengbatu area (Inner Tj ETQq0 0 0 rgBT /Overclock 10 Tf 50 582 T	4.3	12
1151	Evolving Marginal Terranes During Neoproterozoic Supercontinent Reorganization: Constraints From the Bemarivo Domain in Northern Madagascar. <i>Tectonics</i> , 2019, 38, 2019-2035.	1.3	29
1152	Detrital zircon U-Pb and Hf constraints on provenance and timing of deposition of the Mesoproterozoic to Cambrian sedimentary cover of the East European Craton, Belarus. <i>Precambrian Research</i> , 2019, 331, 105352.	1.2	31
1153	Long-lived transcontinental sediment transport pathways of East Gondwana. <i>Geology</i> , 2019, 47, 513-516.	2.0	34
1154	Tracking voluminous Permian volcanism of the Choiyoi Province into central Antarctica. <i>Lithosphere</i> , 2019, 11, 386-398.	0.6	20
1155	Hf- and O-isotope data from detrital and granitoid zircons reveal characteristics of the Permianâ€“Triassic magmatic belt along the Antarctic sector of Gondwana. , 2019, 15, 576-604.		11
1156	Detrital zircon in sandstones from the Palaeoproterozoic Waterberg and Nylstroom basins, South Africa: Provenance and recycling. <i>South African Journal of Geology</i> , 2019, 122, 79-96.	0.6	17
1157	Neoproterozoic growth and Paleoproterozoic metamorphism of an Archean ophiolite mÃ©lange in the North China Craton. <i>Precambrian Research</i> , 2019, 331, 105377.	1.2	4
1158	Petrogenesis of early Late Cretaceous Asa-intrusive rocks in central Tibet, western China: post-collisional partial melting of thickened lower crust. <i>International Journal of Earth Sciences</i> , 2019, 108, 1979-1999.	0.9	13
1159	Provenance and recycling of detrital zircons from Cenozoic Altiplano strata and the crustal evolution of western South America from combined U-Pb and Lu-Hf isotopic analysis. , 2019, , 363-397.		30
1160	Sapphirine-Bearing Granulites of the Anabar Shield. <i>Geochemistry International</i> , 2019, 57, 524-539.	0.2	6
1161	Mesoarchaeon (2820â€“Ma) high-pressure mafic granulite at UauÃ§i, SÃ£o Francisco Craton, Brazil, and its potential significance for the assembly of Archean supercratons. <i>Precambrian Research</i> , 2019, 331, 105366.	1.2	15
1162	Time series analysis of mantle cycles Part I: Periodicities and correlations among seven global isotopic databases. <i>Geoscience Frontiers</i> , 2019, 10, 1305-1326.	4.3	63
1163	Discrepancy between bulk-rock and zircon Hf isotopes accompanying Nd-Hf isotope decoupling. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 259, 17-36.	1.6	20

#	ARTICLE	IF	CITATIONS
1164	The Early Jurassic Fe–Sn metallogenic event and its geodynamic setting in South China: Evidence from Re–Os, U–Pb geochronology and geochemistry of the Dading magnesian skarn Fe–Sn deposit. <i>Ore Geology Reviews</i> , 2019, 111, 102970.	1.1	9
1165	Petrogenesis and tectonic implications of Early Cretaceous shoshonitic syenites in the northern Wuyi Mt Range, Southeast China. <i>Journal of Asian Earth Sciences</i> , 2019, 180, 103877.	1.0	8
1166	<sup>176</sup> Lu– <sup>176</sup> Hf and <sup>87</sup> Rb– <sup>87</sup> Sr Systematics and Rare Earth Element Abundances of Nine Diogenite Meteorites: Evidence for Their Crystallization from Partial Melts of the Vestan Mantle. <i>Astrophysical Journal</i> , 2019, 877, 73.	1.6	0
1167	Petrogenesis of high Ba–Sr plutons with high Sr/Y ratios in an intracontinental setting: evidence from Early Cretaceous Fushan monzonites, central North China Craton. <i>Geological Magazine</i> , 2019, 156, 1965-1981.	0.9	9
1168	Zircons reveal multi-stage genesis of the Xiangdong (Dengfuxian) tungsten deposit, South China. <i>Ore Geology Reviews</i> , 2019, 111, 102979.	1.1	25
1169	An Early Tonian rifting event affecting the São Francisco-Congo paleocontinent recorded by the Lower Macaóbas Group, Araçuaí Orogen, SE Brazil. <i>Precambrian Research</i> , 2019, 331, 105351.	1.2	26
1170	Petrogenesis and tectonic implications of granitoids from western North Altun, Northwest China. <i>Lithos</i> , 2019, 340-341, 255-269.	0.6	12
1171	LA-ICP-MS U-Pb geochronology, trace elemental and Lu-Hf isotopic geochemistry of hydrothermal zircons in the Xiadian gold deposit, eastern North China Craton: Implications for the timing of gold mineralization and the origin of ore-forming fluids. <i>Ore Geology Reviews</i> , 2019, 111, 102934.	1.1	5
1172	Insights on the origin of the Graciosa A-type granites and syenites (Southern Brazil) from zircon U-Pb geochronology, chemistry, and Hf and O isotope compositions. <i>Lithos</i> , 2019, 340-341, 20-33.	0.6	25
1173	Origins of the terrestrial Hf-Nd mantle array: Evidence from a combined geodynamical-geochemical approach. <i>Earth and Planetary Science Letters</i> , 2019, 518, 26-39.	1.8	26
1174	Regional Pliocene exhumation of the Lesser Himalaya in the Indus drainage. <i>Solid Earth</i> , 2019, 10, 647-661.	1.2	27
1175	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
1176	Early Cretaceous adakite from the Atlas porphyry Cu-Au deposit in Cebu Island, Central Philippines: Partial melting of subducted oceanic crust. <i>Ore Geology Reviews</i> , 2019, 110, 102937.	1.1	32
1177	The zircon Hf isotope archive of rapidly changing mantle sources in the south Patagonian retro-arc. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 587-608.	1.6	5
1178	Heterogeneous lithospheric mantle beneath the southeastern Tibetan Plateau: Evidence from Cenozoic high-Mg potassic volcanic rocks in the Jinshajiang–Ailaoshan Cenozoic magmatic belt. <i>Journal of Asian Earth Sciences</i> , 2019, 180, 103849.	1.0	18
1179	Determination of the geographical origin of marine mussels ( <i>Mytilus</i> spp.) using <sup>143</sup> Nd/ <sup>144</sup> Nd ratios. <i>Marine Environmental Research</i> , 2019, 148, 12-18.	1.1	15
1180	New Constraints on the Origin of the EM <sub>1</sub> Component Revealed by the Measurement of the La–Ce Isotope Systematics in Cough Island Lavas. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2484-2498.	1.0	13
1181	Lithospheric Architecture and Metallogenesis in Liaodong Peninsula, North China Craton: Insights from Zircon Hf-Nd Isotope Mapping. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 179.	0.8	7

#	ARTICLE	IF	CITATIONS
1182	Petrogenesis of plagiogranites from the Troodos Ophiolite Complex, Cyprus. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	1.2	18
1183	Early Cretaceous sedimentary evolution of the northern Lhasa terrane and the timing of initial Lhasa-Qiangtang collision. <i>Gondwana Research</i> , 2019, 73, 136-152.	3.0	57
1184	Ordovician to Silurian igneous rocks in southern Mexico and Central America: geochronologic and isotopic constraints on paleogeographic models. <i>Journal of South American Earth Sciences</i> , 2019, 93, 462-479.	0.6	10
1185	Time-space evolution of an Archean craton: A Hf-isotope window into continent formation. <i>Earth-Science Reviews</i> , 2019, 196, 102831.	4.0	66
1186	Geochronological and geochemical constraints on the formation of Chizhou Cu-Mo polymetallic deposits, middle and lower Yangtze metallogenic belt, eastern China. <i>Ore Geology Reviews</i> , 2019, 109, 322-347.	1.1	23
1187	Ages and nature of the protolith of the Tulovchikha metamorphic complex in the Bureya Massif, Central Asian Orogenic Belt, Russia: Evidence from U <sup>235</sup> /Th <sup>232</sup> /Pb, Lu <sup>176</sup> /Hf, Sm <sup>147</sup> /Nd, and 40Ar/39Ar data. <i>Lithos</i> , 2019, 332-333, 340-354.	0.6	19
1188	Petrology of alkaline silicate rocks and carbonatites of the Chuktukon massif, Chadobets upland, Russia: Sources, evolution and relation to the Triassic Siberian LIP. <i>Lithos</i> , 2019, 332-333, 245-260.	0.6	27
1189	Zircon Petrochronology and 40Ar/39Ar Thermochronology of the Adamello Intrusive Suite, N. Italy: Monitoring the Growth and Decay of an Incrementally Assembled Magmatic System. <i>Journal of Petrology</i> , 2019, 60, 701-722.	1.1	38
1190	Geochronology and geochemistry of metasedimentary rocks from the Dongnancha Formation in the Huadian area, central Jilin Province, Northeast (NE) China: Implications for the tectonic evolution of the eastern segment of the Paleo-Asian Ocean. <i>Chemie Der Erde</i> , 2019, 79, 94-112.	0.8	16
1191	Elemental abundance patterns and Sr-, Nd- and Hf-isotope systematics for the Yellowstone hotspot and Columbia River flood basalts: Bearing on petrogenesis. <i>Chemical Geology</i> , 2019, 513, 44-53.	1.4	3
1192	Genesis of the Singhbhum Craton, eastern India; implications for Archean crust-mantle evolution of the Earth. <i>Chemical Geology</i> , 2019, 512, 85-106.	1.4	84
1193	Geochronology and geochemistry of tuffaceous rocks from the Banxi Group: Implications for Neoproterozoic tectonic evolution of the southeastern Yangtze Block, South China. <i>Journal of Asian Earth Sciences</i> , 2019, 177, 152-176.	1.0	39
1194	Temporal, spatial and geochemical evolution of late Cenozoic post-subduction magmatism in central and eastern Anatolia, Turkey. <i>Lithos</i> , 2019, 336-337, 67-96.	0.6	43
1195	Detrital Zircons Reveal Evidence of Hadean Crust in the Singhbhum Craton, India: A Reply. <i>Journal of Geology</i> , 2019, 127, 387-392.	0.7	0
1196	Sources vs processes: Unraveling the compositional heterogeneity of rejuvenated-type Hawaiian magmas. <i>Earth and Planetary Science Letters</i> , 2019, 514, 119-129.	1.8	11
1197	Geochemistry and chronology of the biotite granite in the Xiaobaishitou W-(Mo) deposit, eastern Tianshan, China: Petrogenesis and tectonic implications. <i>Ore Geology Reviews</i> , 2019, 107, 999-1019.	1.1	22
1198	Low- $\delta^{18}O$ 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
1199	Accurate and precise determination of Lu and Hf contents and Hf isotopic composition at the sub-nanogram level in geological samples using MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1256-1262.	1.6	16

#	ARTICLE	IF	CITATIONS
1200	The tectonic domains of southern and western Madagascar. <i>Precambrian Research</i> , 2019, 327, 144-175.	1.2	16
1201	Detrital zircon ages and Hf isotopic compositions of metasedimentary rocks in the Wuqia area of Southwest Tianshan, NW China: implications for the early Paleozoic tectonic evolution of the Tianshan orogenic belt. <i>International Geology Review</i> , 2019, 61, 2036-2056.	1.1	4
1202	Archean crustal evolution of the Aravalli Banded Gneissic Complex, NW India: Constraints from zircon U-Pb ages, Lu-Hf isotope systematics, and whole-rock geochemistry of granitoids. <i>Precambrian Research</i> , 2019, 327, 81-102.	1.2	47
1203	Generation of Archean TTG Gneisses Through Amphibole-Dominated Fractionation. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3605-3619.	1.4	60
1204	Detrital Zircons Reveal Evidence of Hadean Crust in the Singhbhum Craton, India: A Discussion. <i>Journal of Geology</i> , 2019, 127, 381-385.	0.7	1
1205	Implication of Mesoproterozoic (~1.4 Ga) magmatism within microcontinents along the southern Central Asian Orogenic Belt. <i>Precambrian Research</i> , 2019, 327, 314-326.	1.2	38
1206	Middle-late Mesoproterozoic tectonic geography of the North Australia Craton: U-Pb and Hf isotopes of detrital zircon grains in the Beetaloo Sub-basin, Northern Territory, Australia. <i>Journal of the Geological Society</i> , 2019, 176, 771-784.	0.9	23
1207	Hf-Nd-Sr isotopic fingerprinting for aeolian dust deposited on glaciers in the northeastern Tibetan Plateau region. <i>Global and Planetary Change</i> , 2019, 177, 69-80.	1.6	14
1208	Origin and duration of late orogenic magmatism in the foreland of the Variscan belt (Lesponne) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	20
1209	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
1210	New insights into Neoproterozoic-Paleoproterozoic crustal evolution in the North China Craton: Evidence from zircon U-Pb geochronology, Lu-Hf isotopes and geochemistry of TTGs and greenstones from the Luxi Terrane. <i>Precambrian Research</i> , 2019, 327, 232-254.	1.2	11
1211	The Archean Victoria Fjord terrane of northernmost Greenland and geodynamic interpretation of Precambrian crust in and surrounding the Arctic Ocean. <i>Journal of Geodynamics</i> , 2019, 129, 3-23.	0.7	1
1212	Newly discovered early Neoproterozoic (ca. 900 Ma) andesitic rocks in the northwestern Tarim Craton: Implications for the reconstruction of the Rodinia supercontinent. <i>Precambrian Research</i> , 2019, 325, 55-68.	1.2	36
1213	Petrogenesis of the late Miocene Combia volcanic complex, northwestern Colombian Andes: Tectonic implication of short term and compositionally heterogeneous arc magmatism. <i>Lithos</i> , 2019, 330-331, 194-210.	0.6	19
1215	Granitoids and Greenstone Belts of the Pietersburg Block-Witnesses of an Archean Accretionary Orogen Along the Northern Edge of the Kaapvaal Craton. <i>Regional Geology Reviews</i> , 2019, , 83-107.	1.2	15
1216	Early-Middle Ordovician intermediate-mafic and ultramafic rocks in central Jilin Province, NE China: geochronology, origin, and tectonic implications. <i>Mineralogy and Petrology</i> , 2019, 113, 393-415.	0.4	16
1217	Geochemistry of meta-sedimentary rocks associated with the Neoproterozoic Dagushan BIF in the Anshan-Benxi area, North China Craton: Implications for their provenance and tectonic setting. <i>Precambrian Research</i> , 2019, 325, 172-191.	1.2	18
1218	Deciphering the zircon Hf isotope systematics of Eoarchean gneisses from Greenland: Implications for ancient crust-mantle differentiation and Pb isotope controversies. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 250, 76-97.	1.6	33

#	ARTICLE	IF	CITATIONS
1219	Petrogenesis of Late Cretaceous mafic enclaves and their host granites in the Nyemo region of southern Tibet: Implications for the tectonic-magmatic evolution of the Central Gangdese Belt. <i>Journal of Asian Earth Sciences</i> , 2019, 176, 27-41.	1.0	54
1220	Early-Middle Jurassic (182-170 Ma) Ruocuo adakitic porphyries, southern margin of the Lhasa terrane, Tibet: Implications for geodynamic setting and porphyry Cu-Au mineralization. <i>Journal of Asian Earth Sciences</i> , 2019, 173, 336-351.	1.0	24
1221	The unregenerate São Rafael pluton, Borborema Province, Northeastern Brazil. <i>Lithos</i> , 2019, 332-333, 192-206.	0.6	4
1222	Geochemistry and petrogenesis of Archean mafic rocks from the Amsaga area, West African craton, Mauritania. <i>Precambrian Research</i> , 2019, 324, 208-219.	1.2	4
1223	Petrogenetic evolution of metabasalts and metakomatiites of the lower Onverwacht Group, Barberton Greenstone Belt (South Africa). <i>Chemical Geology</i> , 2019, 511, 152-177.	1.4	32
1224	Petrogenesis of the Paleoproterozoic (Orosirian) A-type granites of Carajás Province, Amazon Craton, Brazil: Combined in situ Hf O isotopes of zircon. <i>Lithos</i> , 2019, 332-333, 1-22.	0.6	20
1225	A new 3.59 Ga magmatic suite and a chondritic source to the east Pilbara Craton. <i>Chemical Geology</i> , 2019, 511, 51-70.	1.4	59
1226	Middle Permian high Sr/Y monzogranites in central Inner Mongolia: reworking of the juvenile lower crust of Bainaimiao arc belt during slab break-off of the Palaeo-Asian oceanic lithosphere. <i>International Geology Review</i> , 2019, 61, 2083-2099.	1.1	6
1227	U-Pb ages of magmatic and detrital zircon of the Döhlen Basin: geological history of a Permian strike-slip basin in the Elbe Zone (Germany). <i>International Journal of Earth Sciences</i> , 2019, 108, 887-910.	0.9	9
1228	Integrated garnet and zircon-titanite geochronology constrains the evolution of ultra-high-pressure terranes: An example from the Sulu orogen. <i>Journal of Metamorphic Geology</i> , 2019, 37, 611-631.	1.6	4
1229	Roles of Subducted Pelagic and Terrigenous Sediments in Early Jurassic Mafic Magmatism in NE China: Constraints on the Architecture of Paleopacific Subduction Zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 2525-2550.	1.4	52
1230	Dating Oceanic Subduction in the Jurassic Bangong-Nujiang Oceanic Arc: A Zircon U-Pb Age and Lu-Hf Isotopes and Al-in-Hornblende Barometry Study of the Lameila Pluton in Western Tibet, China. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 754.	0.8	4
1231	U-Pb Ages and Hf Isotope of Zircons from a Carbonatite Dyke in the Bayan Obo Fe-REE Deposit in Inner Mongolia: its Geological Significance. <i>Acta Geologica Sinica</i> , 2019, 93, 1783-1796.	0.8	2
1232	Lu-Hf and Sm-Nd geochronological constraints on the influence of subduction metamorphism in controlling the Hf-Nd terrestrial array: Evidence from the world's orogenic belts. , 2019, 15, 607-620.		1
1233	Kimberlites reveal 2.5-billion-year evolution of a deep, isolated mantle reservoir. <i>Nature</i> , 2019, 573, 578-581.	13.7	64
1234	U-Pb geochronology and Hf isotope data from the Late Cretaceous Mawat ophiolite, NE Iraq. <i>Heliyon</i> , 2019, 5, e02721.	1.4	8
1235	Archean Boninite-like Rocks of the Northwestern Youanmi Terrane, Yilgarn Craton: Geochemistry and Genesis. <i>Journal of Petrology</i> , 2019, 60, 2131-2168.	1.1	15
1236	Increased dust deposition in the Parece Vela Basin since the mid-Pleistocene inferred from radiogenic Sr and Nd isotopes. <i>Global and Planetary Change</i> , 2019, 173, 83-95.	1.6	6

#	ARTICLE	IF	CITATIONS
1237	Marine Isotope Stage 4 in Australasia: A full glacial culminating 65,000 years ago – Global connections and implications for human dispersal. <i>Quaternary Science Reviews</i> , 2019, 204, 187-207.	1.4	38
1238	The Hudesheng mafic-ultramafic intrusions in the Oulongbuluke Block, Qinghai Province, NW China: chronology, geochemistry, isotopic systematics and tectonic implications. <i>Geological Magazine</i> , 2019, 156, 1527-1546.	0.9	8
1239	Mantle Upwelling or Plume Activity on the Periphery of the Warakurna LIP: Evidence from the Geochemistry and Petrogenesis of the Alcurra Dolerite in the Eastern Musgrave Province. <i>Journal of Petrology</i> , 2019, 60, 301-327.	1.1	4
1240	Neoproterozoic glacial origin of the Great Unconformity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1136-1145.	3.3	100
1241	Genesis of the Hanwang Fe deposit in Neoproterozoic granite-greenstone succession of the eastern North China Craton. <i>Ore Geology Reviews</i> , 2019, 105, 387-403.	1.1	11
1242	Petrogeochemical characteristics, zircon SHRIMP U-Pb ages and Lu-Hf isotopic compositions of Late Carboniferous-type granitoids, Yili area, Inner Mongolia (China). <i>Geological Journal</i> , 2019, 54, 770-790.	0.6	8
1243	Building up the first continents: Mesoproterozoic to Paleoproterozoic crustal evolution in West Troms, Norway, inferred from granitoid petrology, geochemistry and zircon U-Pb/Lu-Hf isotopes. <i>Precambrian Research</i> , 2019, 321, 303-327.	1.2	25
1244	Geochronological and geochemical studies on the granitoid gneisses in the northeastern North China Craton: Insights into the late Neoproterozoic magmatism and crustal evolution. <i>Precambrian Research</i> , 2019, 320, 371-390.	1.2	13
1245	Tectonic controls on sediment provenance evolution in rift basins: Detrital zircon U-Pb and Hf isotope analysis from the Perth Basin, Western Australia. <i>Gondwana Research</i> , 2019, 66, 126-142.	3.0	55
1246	Tracking the timing and nature of protolith, metamorphism, and partial melting of tourmaline-bearing migmatites by zircon U-Pb and Hf isotopic compositions in the Yuka terrane, North Qaidam UHP metamorphic belt. <i>Geological Journal</i> , 2019, 54, 1013-1036.	0.6	5
1247	Petrogenesis of the late Early Palaeozoic adakitic granitoids in the southern margin of the Songliao Basin, NE China: Implications for the subduction of the Palaeo-Asian Ocean. <i>Geological Journal</i> , 2019, 54, 3821-3839.	0.6	10
1248	Zircon U-Pb and Lu-Hf isotope constraints on Archean crustal evolution in Southeastern Guyana Shield. <i>Geoscience Frontiers</i> , 2019, 10, 1477-1506.	4.3	22
1249	U-Pb geochronology of Paranaï volcanics combined with trace element geochemistry of the zircon crystals and zircon Hf isotope data. <i>Journal of South American Earth Sciences</i> , 2019, 89, 219-226.	0.6	23
1250	Two parallel magmatic belts with contrasting isotopic characteristics from southern Tibet to Myanmar: zircon U-Pb and Hf isotopic constraints. <i>Journal of the Geological Society</i> , 2019, 176, 574-587.	0.9	36
1251	Composite basement along the southern margin of the North Australian Craton: Evidence from in-situ zircon U-Pb-O-Hf and whole-rock Nd isotopic compositions. <i>Lithos</i> , 2019, 324-325, 733-746.	0.6	3
1252	<scp>GHR</scp> 1 Zircon – A New Eocene Natural Reference Material for Microbeam U-Pb Geochronology and Hf Isotopic Analysis of Zircon. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 113-132.	1.7	18
1253	Genesis and tectonic setting of Middle Permian OIB-type mafic rocks in the Sumdo area, southern Lhasa terrane. <i>Lithos</i> , 2019, 324-325, 429-438.	0.6	24
1254	Multi-proxy isotopic tracing of magmatic sources and crustal recycling in the Palaeozoic to Early Jurassic active margin of North-Western Gondwana. <i>Gondwana Research</i> , 2019, 66, 227-245.	3.0	11

#	ARTICLE	IF	CITATIONS
1255	Downward rejuvenation of the continental lower crust beneath the southeastern North China Craton. <i>Tectonophysics</i> , 2019, 750, 213-228.	0.9	9
1256	Mesozoic multi-stage W-Sn polymetallic mineralization in the Nanling Range, South China: An example from the Dengfuxian-Xitian ore field. <i>Geological Journal</i> , 2019, 54, 3755-3785.	0.6	19
1257	Cretaceous extensional and compressional tectonics in the Northwestern Andes, prior to the collision with the Caribbean oceanic plateau. <i>Gondwana Research</i> , 2019, 66, 207-226.	3.0	44
1258	Late-Neoproterozoic ferroan granitoids of the Transversal subprovince, Borborema Province, NE Brazil: petrogenesis and geodynamic implications. <i>International Geology Review</i> , 2019, 61, 1745-1767.	1.1	11
1259	Structural setting and detrital zircon U-Pb geochronology of Triassic-Cenozoic strata in the eastern Central Pamir, Tajikistan. <i>Geological Society Special Publication</i> , 2019, 483, 605-630.	0.8	12
1260	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
1261	Reconnaissance Basement Geology and Tectonics of South Zealandia. <i>Tectonics</i> , 2019, 38, 516-551.	1.3	46
1262	Petrogenesis and tectonic implications of Late Mesoproterozoic A1- and A2-type felsic lavas from the Huili Group, southwestern Yangtze Block. <i>Geological Magazine</i> , 2019, 156, 1425-1439.	0.9	8
1263	Early stage weathering systematics of Pb and Nd isotopes derived from a high-Alpine Holocene lake sediment record. <i>Chemical Geology</i> , 2019, 507, 42-53.	1.4	23
1264	Earth's chondritic light rare earth element composition: Evidence from the Ce-Nd isotope systematics of chondrites and oceanic basalts. <i>Earth and Planetary Science Letters</i> , 2019, 509, 55-65.	1.8	17
1265	Progressive metasomatism of the mantle by kimberlite melts: Sr-Nd-Hf-Pb isotope compositions of MARID and PIC minerals. <i>Earth and Planetary Science Letters</i> , 2019, 509, 15-26.	1.8	43
1266	K-rich hydrous mantle lithosphere beneath the Ontong Java Plateau: Significance for the genesis of oceanic basalts and Archean continents. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 248, 311-342.	1.6	22
1267	Late Paleozoic Accretionary and Collisional Processes along the Southern Peri-Siberian Orogenic System: New Constraints from Amphibolites within the Irtysh Complex of Chinese Altai. <i>Journal of Geology</i> , 2019, 127, 241-262.	0.7	11
1268	Generation of leucogranites via fractional crystallization: A case from the Late Triassic Luoza batholith in the Lhasa Terrane, southern Tibet. <i>Gondwana Research</i> , 2019, 66, 63-76.	3.0	28
1269	The roles of climate and human land-use in the late Holocene rainforest crisis of Central Africa. <i>Earth and Planetary Science Letters</i> , 2019, 505, 30-41.	1.8	24
1270	The timing of prograde metamorphism in the Pontiac Subprovince, Superior craton; implications for Archean geodynamics and gold mineralization. <i>Precambrian Research</i> , 2019, 320, 111-136.	1.2	20
1271	Provenance of exotic Ordovician and Devonian sedimentary rock units from the Rhenish Massif (Central European Variscides, Germany). <i>Tectonophysics</i> , 2019, 755, 127-159.	0.9	4
1272	Late Cretaceous magmatic activity in the southern Lhasa terrane: insights from the Dazhuqu hornblende gabbro and the Xietongmen granite porphyry. <i>International Geology Review</i> , 2019, 61, 1642-1665.	1.1	10

#	ARTICLE	IF	CITATIONS
1273	Zircon U-Pb geochronology and Hf isotopic constraints on the petrogenesis of the Late Silurian Shidonggou granite from the Wulonggou area in the Eastern Kunlun Orogen, Northwest China. <i>International Geology Review</i> , 2019, 61, 1666-1689.	1.1	12
1274	The nature and significance of the Faroe-Shetland Terrane: Linking Archaean basement blocks across the North Atlantic. <i>Precambrian Research</i> , 2019, 321, 154-171.	1.2	21
1275	Discovery of Middle Jurassic trench deposits in the Bangong-Nujiang suture zone: Implications for the timing of Lhasa-Qiangtang initial collision. <i>Tectonophysics</i> , 2019, 750, 344-358.	0.9	34
1276	Sedimentary provenance and maximum depositional age analysis of the Cretaceous? Lapur and Muruanachok sandstones (Turkana Grits), Turkana Basin, Kenya. <i>Geological Magazine</i> , 2019, 156, 1334-1356.	0.9	6
1277	Modelling the Hafnium-Neodymium Evolution of Early Earth: A Study from West Greenland. <i>Journal of Petrology</i> , 2019, 60, 177-197.	1.1	13
1278	Geochemistry, zircon U-Pb and Lu-Hf systematics of high-grade metasedimentary sequences from the South Muya block (northeastern Central Asian Orogenic Belt): Reconnaissance of polymetamorphism and accretion of Neoproterozoic exotic blocks in southern Siberia. <i>Precambrian Research</i> , 2019, 321, 34-53.	1.2	17
1279	The Neoproterozoic southern passive margin of the São Francisco craton: Insights on the pre-amalgamation of West Gondwana from U-Pb and Hf-Nd isotopes. <i>Precambrian Research</i> , 2019, 320, 454-471.	1.2	23
1280	Nd and Sr isotopic composition of ancient iron-made artifacts and ores from northwest Russia. <i>Geoarchaeology - an International Journal</i> , 2019, 34, 221-228.	0.7	4
1281	Evolution of ca. 2.5 Ga Dongargarh volcano-sedimentary Supergroup, Bastar craton, Central India: Constraints from zircon U-Pb geochronology, bulk-rock geochemistry and Hf-Nd isotope systematics. <i>Earth-Science Reviews</i> , 2019, 190, 273-309.	4.0	30
1282	Magmatic and tectonic setting of the Permian Au mineralization in the Xing-Meng Orogenic Belt: constraints from the U-Pb ages, Hf-O isotopes and geochemistry of granitic intrusions in the Bilihe and Hadamiao gold deposits. <i>Mineralogy and Petrology</i> , 2019, 113, 99-118.	0.4	4
1283	Neoproterozoic sedimentary rocks track the location of the Lhasa Block during the Rodinia breakup. <i>Precambrian Research</i> , 2019, 320, 63-77.	1.2	33
1284	The Formation of Tonalites-Trondjemite-Granodiorites in Early Continental Crust. , 2019, , 133-168.		29
1285	Hadean to Paleoproterozoic Rocks and Zircons in China. , 2019, , 293-327.		12
1286	Paleoproterozoic Gneisses in the Minnesota River Valley and Northern Michigan, USA. , 2019, , 677-702.		2
1287	The Assean Lake Complex. , 2019, , 703-722.		0
1288	Early Crustal Evolution as Recorded in the Granitoids of the Singhbhum and Western Dharwar Cratons. , 2019, , 741-792.		25
1289	Multiple metamorphic events in the Palaeozoic MÃ©rida Andes basement, Venezuela: insights from U-Pb geochronology and Hf-Nd isotope systematics. <i>International Geology Review</i> , 2019, 61, 1557-1593.	1.1	22
1290	Geochronology and geochemistry of Early Silurian felsic volcanic rocks in the Dabaoshan ore district, South China: Implications for the petrogenesis and geodynamic setting. <i>Geological Journal</i> , 2019, 54, 3286-3303.	0.6	3

#	ARTICLE	IF	CITATIONS
1291	Evolution of the northward subduction of the Neo-Tethys: Implications of geochemistry of Cretaceous arc volcanics in Qinghai-Tibetan Plateau. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 515, 83-94.	1.0	11
1292	São Francisco–Congo Craton break-up delimited by U–Pb–Hf isotopes and trace-elements of zircon from metasediments of the Araçuaia-Belt. <i>Geoscience Frontiers</i> , 2019, 10, 611-628.	4.3	30
1293	Detrital zircon geochronology and geochemistry of Jurassic sandstones in the Xiongcu district, southern Lhasa subterranean, Tibet, China: implications for provenance and tectonic setting. <i>Geological Magazine</i> , 2019, 156, 683-701.	0.9	20
1294	Zircon U–Pb–Hf constraints from Gongga Shan granites on young crustal melting in eastern Tibet. <i>Geoscience Frontiers</i> , 2019, 10, 885-894.	4.3	12
1295	Newly identified 1.89 Ga mafic dyke swarm in the Archean Yilgarn Craton, Western Australia suggests a connection with India. <i>Precambrian Research</i> , 2019, 329, 156-169.	1.2	27
1296	Zircon U–Pb age, Hf isotope, and geochemistry of Late Permian to Triassic igneous rocks from the Jiapigou gold ore belt, NE China: Petrogenesis and tectonic implications. <i>Geological Journal</i> , 2020, 55, 501-516.	0.6	6
1297	Geochronology and geochemistry of Meso- to Neoproterozoic magmatic epidote-bearing potassic granites, western Dharwar Craton (Bellur–Nagamangala–Pandavapura corridor), southern India: implications for the successive stages of crustal reworking and cratonization. <i>Geological Society Special Publication</i> , 2020, 489, 79-114.	0.8	20
1298	The age, metal source and genesis of the Nifty copper deposit in the context of the geological evolution of the Paterson Province, Western Australia. <i>Mineralium Deposita</i> , 2020, 55, 147-162.	1.7	2
1299	Geochemistry, zircon geochronology, and isotopic systematics of the Zhanbuzhale granites in the East Kunlun, Qinghai Province, northwestern China: implications for the tectonic setting. <i>Canadian Journal of Earth Sciences</i> , 2020, 57, 275-291.	0.6	4
1300	Cretaceous-Cenozoic growth of the Patagonian broken foreland basin, Argentina: Chronostratigraphic framework and provenance variations during transitions in Andean subduction dynamics. <i>Journal of South American Earth Sciences</i> , 2020, 97, 102242.	0.6	21
1301	Five hundred million years of punctuated addition of juvenile crust during extension in the Gochland Terrane, central Appalachian Piedmont Province. <i>International Geology Review</i> , 2020, 62, 523-548.	1.1	3
1302	Zircon U–Pb geochronology, Hf isotopes, and whole-rock geochemistry of Hongshuihe Early to Middle Triassic quartz diorites and granites in the Eastern Kunlun Orogen, NW China: Implication for petrogenesis and geodynamics. <i>Geological Journal</i> , 2020, 55, 1507-1528.	0.6	6
1303	Evidence for Mesoproterozoic collision, deep burial and rapid exhumation of garbenschiefer in the Namaqua Front, South Africa. <i>Geoscience Frontiers</i> , 2020, 11, 511-531.	4.3	14
1304	Strategies towards robust interpretations of in situ zircon Lu–Hf isotope analyses. <i>Geoscience Frontiers</i> , 2020, 11, 843-853.	4.3	97
1305	Petrogenesis and mantle source characteristics of the late Cenozoic Baekdusan (Changbaishan) basalts, North China Craton. <i>Gondwana Research</i> , 2020, 78, 156-171.	3.0	24
1306	Turbidite record of a middle Neoproterozoic active continental margin in the West Cathaysia terrane, South China: Implications for the relationships between the Yangtze and Cathaysia blocks and their positions in Rodinia. <i>Precambrian Research</i> , 2020, 337, 105457.	1.2	8
1307	Transition from oceanic subduction to continental collision recorded in the Bangong-Nujiang suture zone: Insights from Early Cretaceous magmatic rocks in the north-central Tibet. <i>Gondwana Research</i> , 2020, 78, 77-91.	3.0	25
1308	The effects of age on cerebral responses to self-initiated actions during social interactions: An exploratory study. <i>Behavioural Brain Research</i> , 2020, 378, 112301.	1.2	5

#	ARTICLE	IF	CITATIONS
1310	Petrogenesis of granitoids from the Lachlan Fold Belt, southeastern Australia: The role of disequilibrium melting. <i>Gondwana Research</i> , 2020, 79, 87-109.	3.0	13
1311	Late Jurassic to Early Cretaceous magmatism in the Xiong'er <sup>TM</sup> ershan gold district, central China: implications for gold mineralization and geodynamics. <i>Geological Magazine</i> , 2020, 157, 435-457.	0.9	6
1312	Subduction polarity of the Ailaoshan Ocean (eastern Paleotethys): Constraints from detrital zircon U-Pb and Hf-O isotopes for the Longtan Formation. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 987-996.	1.6	23
1313	Process of lithospheric delamination beneath the Lhasa <sup>TM</sup> Qiangtang collision orogen: Constraints from the geochronology and geochemistry of Late Cretaceous volcanic rocks in the Lhasa terrane, central Tibet. <i>Lithos</i> , 2020, 356-357, 105219.	0.6	8
1314	Phase equilibria constraints on crystallization differentiation: insights into the petrogenesis of the normally zoned Buddus <sup>2</sup> Pluton in north-central Sardinia. <i>Geological Society Special Publication</i> , 2020, 491, 243-265.	0.8	5
1315	Factors controlling the geochemical differences between two types of rhyolites in the middle Okinawa Trough. <i>Geosciences Journal</i> , 2020, 24, 35-48.	0.6	2
1316	The development of a Meso- to Neoproterozoic rifting-convergence-collision-collapse cycle over an ancient thickened protocontinent in the south São Francisco craton, Brazil. <i>Gondwana Research</i> , 2020, 77, 40-66.	3.0	27
1317	Miocene potassic and adakitic intrusions in eastern central Lhasa terrane, Tibet: Implications for origin and tectonic of postcollisional magmatism. <i>Geological Journal</i> , 2020, 55, 3036-3053.	0.6	6
1318	Dating post-Archean lithospheric mantle: Insights from Re-Os and Lu-Hf isotopic systematics of the Cameroon Volcanic Line peridotites. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 177-198.	1.6	19
1319	U-Pb-Hf isotopic data from detrital zircons in late Carboniferous and Mid-Late Triassic sandstones, and also Carboniferous granites from the Tauride and Anatolide continental units in S Turkey: implications for Tethyan palaeogeography. <i>International Geology Review</i> , 2020, 62, 1159-1186.	1.1	21
1320	Early Palaeozoic arc-related gabbro-diorite suite in East Junggar, southern Central Asian Orogenic Belt: petrogenesis and tectonic implications. <i>International Geology Review</i> , 2020, 62, 1205-1223.	1.1	16
1321	Petrogenesis of the Cenozoic Lianhuashan pluton (SW China): Constrained by zircon U <sup>TM</sup> Pb geochronology, Lu <sup>TM</sup> Hf isotope, and geochemistry. <i>Geological Journal</i> , 2020, 55, 3377-3400.	0.6	5
1322	Petrogenesis of Early Devonian granodiorite in the Xiaobaishitou W <sup>TM</sup> (Mo) ore district of East Tianshan, Northwest China, and tectonic implications: U <sup>TM</sup> Pb geochronological, geochemical, and Sr <sup>TM</sup> Nd isotopic evidence. <i>Geological Journal</i> , 2020, 55, 4302-4323.	0.6	4
1323	Zircon U-Pb-Hf isotopes and geochemistry of Jurassic igneous rocks from the southern Zhangguangcai Range, NE China: constraints on magmatism, petrogenesis and tectonic implications. <i>International Geology Review</i> , 2020, 62, 1988-2012.	1.1	6
1324	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
1325	Stratigraphic, isotopic, and geochronological record of a superposed pro-foreland basin in the eastern São Francisco craton during west Gondwana amalgamation. <i>Journal of South American Earth Sciences</i> , 2020, 97, 102406.	0.6	6
1326	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
1327	The Ribeirão da Folha ophiolite-bearing accretionary wedge (Araçuaia <sup>TM</sup> -orogen, SE Brazil): New data for Cryogenian plagiogranite and metasedimentary rocks. <i>Precambrian Research</i> , 2020, 336, 105522.	1.2	47

#	ARTICLE	IF	CITATIONS
1328	Refining the timing and mechanism of the Triassic partial melting in the Sulu UHP orogen, China: Zircon and garnet evidence from a felsic vein and its host granitic gneiss. <i>Lithos</i> , 2020, 352-353, 105264.	0.6	4
1329	Depletion ages and factors of MORB mantle sources. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115926.	1.8	3
1330	Formation of the Ce-Nd mantle array: Crustal extraction vs. recycling by subduction. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115941.	1.8	14
1331	The epilogue of Paleo-Tethyan tectonics in the South China Block: Insights from the Triassic aluminous A-type granitic and bimodal magmatism. <i>Journal of Asian Earth Sciences</i> , 2020, 190, 104129.	1.0	14
1332	Origin of mafic intrusions in the Micangshan Massif, Central China: Implications for the Neoproterozoic tectonic evolution of the northwestern Yangtze Block. <i>Journal of Asian Earth Sciences</i> , 2020, 190, 104132.	1.0	20
1333	Earlyâ€‘Middle Permian post-collisional granitoids in the northern Beishan orogen, northwestern China: evidence from Uâ€‘Pb ages and Srâ€‘Ndâ€‘Hf isotopes. <i>Canadian Journal of Earth Sciences</i> , 2020, 57, 681-697.	0.6	4
1334	Disturbances in the Smâ€‘Nd isotope system of the Acasta Gneiss Complexâ€‘Implications for the Nd isotope record of the early Earth. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115900.	1.8	33
1335	Subduction channel fluid-rock interaction: Indications from rutile-quartz veins within eclogite from the Yuka terrane, North Qaidam orogen. <i>Geoscience Frontiers</i> , 2020, 11, 635-650.	4.3	9
1336	Geochemistry and detrital zircon records of the Ruyang-Luoyu groups, southern North China Craton: Provenance, crustal evolution and Paleoâ€‘Mesoproterozoic tectonic implications. <i>Geoscience Frontiers</i> , 2020, 11, 679-696.	4.3	25
1337	Zircon constraints on granite derivation in the northern North China Craton. <i>Lithos</i> , 2020, 356-357, 105370.	0.6	3
1338	Earthâ€™s earliest granitoids are crystal-rich magma reservoirs tapped by silicic eruptions. <i>Nature Geoscience</i> , 2020, 13, 163-169.	5.4	141
1339	The effects of mafic-felsic magma interaction on magma diversity: insights from an early Paleozoic hornblende-quartz monzonite suite in the South China block. <i>Mineralogy and Petrology</i> , 2020, 114, 71-90.	0.4	4
1340	Neoproterozoic arc basaltic magmatism and associated sulfide mineralization in the North China Craton: Evidence from the Taoke mafic-ultramafic complex in Shandong Province. <i>Precambrian Research</i> , 2020, 338, 105594.	1.2	2
1341	Geochronology, geochemistry, and Srâ€‘Ndâ€‘Hfâ€‘O isotopes of the Zhongqiyang rhyolitic tuff in eastern Guangdong, SE China: Constraints on petrogenesis and tectonic setting. <i>Geological Journal</i> , 2020, 55, 5082-5100.	0.6	8
1342	The Pb isotope evolution of Bulk Silicate Earth: Constraints from its accretion and early differentiation history. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 271, 179-193.	1.6	26
1343	Early to Middle Jurassic San Andr�s-Cedros plutonic suite, western coast of Baja California, Mexico: Geochemical and isotopic evidence for an island arc extending to the central peninsula. <i>Journal of South American Earth Sciences</i> , 2020, 98, 102471.	0.6	6
1344	Reworking of old continental lithosphere: Unradiogenic Os and decoupled Hf Nd isotopes in sub-arc mantle pyroxenites. <i>Lithos</i> , 2020, 354-355, 105346.	0.6	9
1345	Crustal anatexis and mantle-derived magmas forming Neoproterozoic A-type granitoids in Caraj�s Province, northern Brazil: Petrological evidence and tectonic control. <i>Precambrian Research</i> , 2020, 338, 105585.	1.2	13

#	ARTICLE	IF	CITATIONS
1346	Geochemistry, zircon U–Pb ages and HF isotopes of the Muong Luan granitoid pluton, Northwest Vietnam and its petrogenetic significance. <i>Island Arc</i> , 2020, 29, e12330.	0.5	9
1347	Tectonic history of the Kolyvan–Tomsk folded zone (KTFZ), Russia: Insight from zircon U–Pb geochronology and Nd isotopes. <i>Geological Journal</i> , 2020, 55, 1913-1930.	0.6	8
1348	Influence of provenance and transport process on the geochemistry and radiogenic (Hf, Nd, and Sr) isotopic composition of Pleistocene glacial sediments, Minnesota, USA. <i>Chemical Geology</i> , 2020, 532, 119390.	1.4	4
1349	Mesozoic crustal growth in Mainland Southeast Asia: Zircon U–Pb and Hf isotopic evidence from the Late Cretaceous Luyingtang granitic pluton in the northernmost SE Asian granite Province, SW China. <i>Journal of Asian Earth Sciences</i> , 2020, 190, 104151.	1.0	3
1350	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
1351	A constant Chinese Loess Plateau dust source since the late Miocene. <i>Quaternary Science Reviews</i> , 2020, 227, 106042.	1.4	46
1352	The combined Zr and Hf isotope inventory of bulk rock and sequentially leached chondrite samples. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 475-491.	1.6	11
1353	Fossil seamount in southeast Zagros records intraoceanic arc to back-arc transition: New constraints for the evolution of the Neotethys. <i>Gondwana Research</i> , 2020, 81, 423-444.	3.0	20
1354	Neoproterozoic geodynamic evolution of easternmost Kalahari: Constraints from U–Pb–Hf–O zircon, Sm–Nd isotope and geochemical data from the Schirmacher Oasis, East Antarctica. <i>Precambrian Research</i> , 2020, 342, 105553.	1.2	15
1355	The Gondwanan margin in West Antarctica: Insights from Late Triassic magmatism of the Antarctic Peninsula. <i>Gondwana Research</i> , 2020, 81, 1-20.	3.0	22
1356	Petrogenesis of Silicic Magmas in Iceland through Space and Time: The Isotopic Record Preserved in Zircon and Whole Rocks. <i>Journal of Geology</i> , 2020, 128, 1-28.	0.7	15
1357	The Kumbis and Nagatis Formations and the Helmeringhausen Gabbro: Oldest undeformed rocks of the Sinclair Supergroup in Namibia. <i>Journal of African Earth Sciences</i> , 2020, 165, 103733.	0.9	5
1358	Zircon U–Pb and Lu–Hf record from high-grade complexes within the Mantiqueira Complex: First evidence of juvenile crustal input at 2.4–2.2 Ga and implications for the Palaeoproterozoic evolution of the São Francisco Craton. <i>Precambrian Research</i> , 2020, 338, 105567.	1.2	18
1359	Crustal evolution of peri-Gondwana crust into present day Europe: The Serbo-Macedonian and Rhodope massifs as a case study. <i>Lithos</i> , 2020, 356-357, 105295.	0.6	19
1360	New constraints on the tectono-magmatic evolution of the central Gangdese belt from Late Cretaceous magmatic suite in southern Tibet. <i>Gondwana Research</i> , 2020, 80, 123-141.	3.0	23
1361	Two phases of post-onset collision adakitic magmatism in the southern Lhasa subterrane, Tibet, and their tectonic implications. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1587-1602.	1.6	13
1362	Magmatic-hydrothermal evolution of rare metal pegmatites from the Mesoproterozoic Orange River pegmatite belt (Namaqualand, South Africa). <i>Ore Geology Reviews</i> , 2020, 116, 103252.	1.1	41
1363	Timing and stepwise transitions of the African Humid Period from geochemical proxies in the Nile deep-sea fan sediments. <i>Quaternary Science Reviews</i> , 2020, 228, 106071.	1.4	23

#	ARTICLE	IF	CITATIONS
1364	Constraints on mantle evolution from Ce-Nd-Hf isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 272, 36-53.	1.6	20
1365	Laurentian origin of the Cuyania suspect terrane, western Argentina, confirmed by Hf isotopes in zircon. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 273-290.	1.6	34
1366	Three episodes of Precambrian mafic magmatism in the southern Central Tianshan Block (NW China): Insight into an evolving geodynamic model. <i>Precambrian Research</i> , 2020, 351, 105961.	1.2	10
1367	Nd-Sr-Hf isotopes and U-Pb ages of mesoproterozoic TrÃs Estradas Alkaline-Carbonatite Complex, Brazil: Implications for Sul-Riograndense Shield evolution and rodinia break-up. <i>Precambrian Research</i> , 2020, 351, 105963.	1.2	4
1368	Potassium isotope anomalies in meteorites inherited from the protosolar molecular cloud. <i>Science Advances</i> , 2020, 6, .	4.7	42
1369	<sup>40</sup> Ar/ <sup>39</sup> Ar Geochronology and New Mineralogical and Geochemical Data from Lamprophyres of Chompolo Field (South Yakutia, Russia). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 886.	0.8	7
1370	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
1371	Geochronology, mineral chemistry and genesis of REE mineralization in alkaline rocks from the Kohistan Island Arc, Pakistan. <i>Ore Geology Reviews</i> , 2020, 126, 103749.	1.1	7
1372	Feedback of Slab Distortion on Volcanic Arc Evolution: Geochemical Perspective From Late Cenozoic Volcanism in SW Japan. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019143.	1.4	5
1373	Geochemical characteristics of mafic and felsic igneous rocks (1.9â€“1.75 Ga) in the Lesser Himalaya: Regional variation and its implications for tectonic setting. <i>Island Arc</i> , 2020, 29, e12369.	0.5	7
1374	Petrogenesis and geodynamic implications of the late Triassic bojites in Yajiangqiao area, Hunan Province, South China. <i>Island Arc</i> , 2020, 29, e12370.	0.5	3
1375	Frequency of exceptional Nile flood events as an indicator of Holocene hydro-climatic changes in the Ethiopian Highlands. <i>Quaternary Science Reviews</i> , 2020, 247, 106543.	1.4	12
1376	The core of Rodinia formed by the juxtaposition of opposed retreating and advancing accretionary orogens. <i>Earth-Science Reviews</i> , 2020, 211, 103413.	4.0	38
1377	Hafnium-Neodymium isotope, trace element and U-Pb zircon age constraints on the petrogenesis of the 3.44â€“3.46ÂGa Dwalile greenstone remnant, Ancient gneiss Complex, Swaziland. <i>Precambrian Research</i> , 2020, 351, 105970.	1.2	6
1378	Contrasting latest Permian intracontinental gabbro and Late Triassic arc gabbroâ€“diorite in the Gangdese constrain the subduction initiation of the Neo-Tethys. <i>International Geology Review</i> , 2020, , 1-20.	1.1	4
1379	Paleoproterozoic sources for Cordilleran-type Neoproterozoic granitoids from the AraÃsuaÃ-orogen (SE Brazil): Constraints from Hf isotope zircon composition. <i>Lithos</i> , 2020, 378-379, 105815.	0.6	6
1380	Geochronology, geochemistry and fluid inclusions of the Yechangping giant porphyry-skarn Mo-W deposit, East Qinling, China. <i>Ore Geology Reviews</i> , 2020, 127, 103823.	1.1	8
1381	Uâ€“Pb geochronology, Ndâ€“Hf isotopes, and geochemistry of Rhyacian granitoids from the Paleoproterozoic LourenÃso domain (Brazil), southeastern Guiana Shield. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102937.	0.6	4

#	ARTICLE	IF	CITATIONS
1382	Zircon U–Pb–Hf isotope data in eclogite and metagabbro from southern Sweden reveal a common long-lived evolution and enriched source. <i>Gff</i> , 2020, 142, 253-266.	0.4	1
1383	Extensive magmatism and metamorphism at ca. 3.2 Ga in the eastern Kaapvaal Craton. <i>Precambrian Research</i> , 2020, 351, 105952.	1.2	9
1384	Persistence of partial melting in the southern North China Craton: Evidence from Paleoproterozoic migmatites of the Taihua Complex. <i>Precambrian Research</i> , 2020, 348, 105872.	1.2	10
1385	Petrology and geochemistry of the late Mesozoic Dzheltula alkaline igneous complex, Aldan–Stanovoy Shield, Russia: constraints on derivation from the ancient enriched mantle source. <i>International Journal of Earth Sciences</i> , 2020, 109, 2407-2423.	0.9	2
1386	Provenance shift through time in superposed basins: From Early Cryogenian glaciomarine to Late Ediacaran orogenic sedimentations (Araçuaá-Orogen, SE Brazil). <i>Gondwana Research</i> , 2020, 87, 41-66.	3.0	9
1387	Petrogenesis and Lu–Hf Dating of (Ultra)Mafic Rocks from the Kutná Hora Crystalline Complex: Implications for the Devonian Evolution of the Bohemian Massif. <i>Journal of Petrology</i> , 2020, 61, .	1.1	14
1388	A SIMS U–Pb (zircon) and Re–Os (molybdenite) isotope study of the early Paleozoic Macquarie Arc, southeastern Australia: Implications for the tectono-magmatic evolution of the paleo-Pacific Gondwana margin. <i>Gondwana Research</i> , 2020, 82, 73-96.	3.0	12
1389	Eocene arc magmatism and related Cu–Au (Mo) mineralization in the Shangalon-Kyungalon district, Wuntho-Popa Arc, northern Myanmar. <i>Ore Geology Reviews</i> , 2020, 125, 103678.	1.1	0
1390	Ar–Ar geochronology and petrogenesis of the Mushgai–Khudag alkaline–carbonatite complex (southern Mongolia). <i>Lithos</i> , 2020, 372-373, 105675.	0.6	5
1391	The role of basaltic underplating in the evolution of the lower continental crust. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 275, 19-35.	1.6	9
1392	Unexposed Archean components and complex evolution beneath the Cathaysia Block: Evidence from zircon xenocrysts in the Cenozoic basalts in Leizhou Peninsula, South China. <i>Journal of Asian Earth Sciences</i> , 2020, 192, 104268.	1.0	7
1393	Crustal Evolution in the New England Orogen, Australia: Repeated Igneous Activity and Scale of Magmatism Govern the Composition and Isotopic Character of the Continental Crust. <i>Journal of Petrology</i> , 2020, 61, .	1.1	17
1394	–Alexandrian™ glass confirmed by hafnium isotopes. <i>Scientific Reports</i> , 2020, 10, 11322.	1.6	31
1395	Ancient helium and tungsten isotopic signatures preserved in mantle domains least modified by crustal recycling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30993-31001.	3.3	41
1396	A ~1.4 Ga alkaline mafic sill from the Carletonville area: connection to the Pilanesberg Alkaline Province?. <i>South African Journal of Geology</i> , 2020, 123, 597-614.	0.6	1
1397	Discovery of Late Triassic mineralization in the Gangdese Metallogenic Belt, Tibet: The Banduo Pb–Zn deposit, Somdo area. <i>Ore Geology Reviews</i> , 2020, 126, 103754.	1.1	2
1398	U–Th–Pb Geochronology and Lu–Hf Isotope Geochemistry of Detrital Zircons in Metasedimentary Rocks of the Southern Coast Mountains Batholith. <i>Lithosphere</i> , 2020, 2020, .	0.6	3
1399	Detrital zircon geochronology and Hf isotope geochemistry of Mesozoic sedimentary basins in south-central Alaska: Insights into regional sediment transport, basin development, and tectonics along the NW Cordilleran margin. , 2020, 16, 1125-1152.		10

#	ARTICLE	IF	CITATIONS
1400	The Medicine Hat Block and the Early Paleoproterozoic Assembly of Western Laurentia. <i>Geosciences (Switzerland)</i> , 2020, 10, 271.	1.0	7
1401	Metamorphism of the Mougooderra Formation: Implications for Neoproterozoic tectonics in the western Youanmi Terrane, Yilgarn Craton. <i>Precambrian Research</i> , 2020, 350, 105862.	1.2	3
1402	Late Neoproterozoic–Cambrian magmatism in Dronning Maud Land (East Antarctica): U–Pb zircon geochronology, isotope geochemistry and implications for Gondwana assembly. <i>Precambrian Research</i> , 2020, 350, 105880.	1.2	10
1403	Chemical Composition, U–Th–Pb Age, and Geodynamic Setting of Metavolcanic Filla Series (Rauer) Tj ETQq1 1 0,784314 rgBT /Ove	0.2	0
1404	Two types of accretionary complexes in the eastern Mongol–Okhotsk Belt: Constraints from U–Pb and Hf isotopic data of detrital zircons from metasedimentary rocks of the Selemdzha and Tokur terranes. <i>Journal of Asian Earth Sciences</i> , 2020, 201, 104508.	1.0	8
1405	ca. 2.1 Ga Mahakoshal Supracrustal Belt: An allochthonous terrain in Central India Tectonic Zone. <i>Lithos</i> , 2020, 374-375, 105705.	0.6	6
1406	Enigmatic provenance signature of sandstone from the Okwa Group, Botswana. <i>South African Journal of Geology</i> , 2020, 123, 331-342.	0.6	2
1407	Lu–Hf analyses of zircon from the Makoppa Dome and Amalia-Kraaipan area: implications for evolution of the Kimberley and Pietersburg blocks of the Kaapvaal Craton. <i>South African Journal of Geology</i> , 2020, 123, 369-380.	0.6	6
1408	Crustal growth and reworking of Archean crust within the Rhyacian domains of the southeastern Guiana Shield, Brazil: Evidence from zircon U–Pb–Hf and whole-rock Sm–Nd geochronology. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102740.	0.6	9
1409	Ultra-depleted 2.05 Ga komatiites of Finnish Lapland: Products of grainy late accretion or core-mantle interaction?. <i>Chemical Geology</i> , 2020, 554, 119801.	1.4	31
1410	Rare earth element and neodymium isotope tracing of sedimentary rock weathering. <i>Chemical Geology</i> , 2020, 553, 119794.	1.4	16
1411	The evolution of the southern Namibian Karoo-aged basins: implications from detrital zircon geochronologic and geochemistry data. <i>International Geology Review</i> , 2021, 63, 1758-1781.	1.1	9
1412	The Paleoproterozoic Hedesunda granite complex, east-central Sweden, a composite intrusion. <i>International Journal of Earth Sciences</i> , 2020, 109, 1991-2022.	0.9	0
1413	New high precision U–Pb ages and Hf isotope data from the Karoo large igneous province; implications for pulsed magmatism and early Toarcian environmental perturbations. <i>Results in Geochemistry</i> , 2020, 1, 100005.	0.3	32
1414	Geodynamic Implications of Synchronous Norite and TTG Formation in the 3 Ga Maniitsoq Norite Belt, West Greenland. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	12
1415	Do Supercontinent-Superplume Cycles Control the Growth and Evolution of Continental Crust?. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 1142-1169.	1.1	11
1416	The Peltetec ophiolitic belt (Ecuador): a window to the tectonic evolution of the Triassic margin of western Gondwana. <i>International Geology Review</i> , 2020, , 1-25.	1.1	7
1417	Petrogenesis of the Late Triassic Mengsong strongly peraluminous granites in the southeastern Tibetan Plateau: highly fractionated from crystal mush. <i>International Geology Review</i> , 2020, , 1-18.	1.1	1

#	ARTICLE	IF	CITATIONS
1418	High-silica rhyolites in the terminal stage of massive Cretaceous volcanism, SE China: Modified crustal sources and low-pressure magma chamber. <i>Gondwana Research</i> , 2022, 102, 133-150.	3.0	10
1419	Geochemistry and Zircon U-Pb-Hf Isotopes of Metamorphic Rocks from the Kaiyuan and Hulan Tectonic Massifs, NE China: Implications for the Tectonic Evolution of the Paleo-Asian and Mudanjiang Oceans. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 836.	0.8	6
1420	Permo-Triassic metamorphism in the Mérida Andes, Venezuela: new insights from geochronology, O-isotopes, and geothermobarometry. <i>International Journal of Earth Sciences</i> , 2021, 110, 2465-2493.	0.9	6
1421	The formation and evolution of the Moon's crust inferred from the Sm-Nd isotopic systematics of highlands rocks. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 290, 312-332.	1.6	21
1422	Neoproterozoic extension and the Central Iapetus Magmatic Province in southern Mexico - 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
1423	Chemical evolution of seawater in the Transvaal Ocean between 2426 Ma (Ongeluk Large Igneous) Tj ETQq1 1 0.784314 rgBT /Overl	3.0	14
1424	U-Pb and Hf isotopes in granitoids from the Eastern Bolivian basement: Insights into the Paleoproterozoic evolution of the western part of South America. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102806.	0.6	6
1425	First evidence for Neoproterozoic magmatism in the Quadrilátero Ferrífero of Minas Gerais, Brazil, and geotectonic implications. <i>Journal of South American Earth Sciences</i> , 2020, 104, 102844.	0.6	7
1426	Sr-Nd-O isotopic evidence of variable sources of mantle metasomatism in the subcratonic lithospheric mantle beneath the Grib kimberlite, northwestern Russia. <i>Lithos</i> , 2020, 376-377, 105779.	0.6	4
1427	Serra do Barro Branco orthogneiss: An untimely record of West Gondwana amalgamation in the São Roque Domain. <i>Precambrian Research</i> , 2020, 350, 105913.	1.2	4
1428	The 1.8 Ga Gladkop Suite: The youngest Palaeoproterozoic domain in the Namaqua-Natal Metamorphic Province, South Africa. <i>Precambrian Research</i> , 2020, 350, 105941.	1.2	9
1429	Tonian island arc remnants in the northern Ribeira orogen of Western Gondwana: The Caxixe batholith (Espírito Santo, SE Brazil). <i>Precambrian Research</i> , 2020, 351, 105944.	1.2	15
1430	Nd isotope composition of the Ediacaran and earliest Cambrian phosphorite nodules and Fe sulphide from the East European Platform. <i>Geological Magazine</i> , 2020, 157, 2081-2088.	0.9	1
1431	Neoproterozoic Paleoproterozoic crustal growth and tectonic evolution of the Trans-North China Orogen, North China Craton: evidence from granite-greenstone successions in the Dengfeng Complex. <i>International Journal of Earth Sciences</i> , 2020, 109, 2801-2823.	0.9	2
1432	Ages and Sources of Sedimentary Rocks of the Lan Terrane in the Mongol-Okhotsk Fold Belt: Results of Zircon U-Pb and Lu-Hf Isotope Studies. <i>Russian Journal of Pacific Geology</i> , 2020, 14, 193-205.	0.1	7
1433	Late Cretaceous adakitic rocks from the western Tibetan Plateau: implications for the subduction of the Neo-Tethys Ocean. <i>International Geology Review</i> , 2020, , 1-16.	1.1	3
1434	Sr-Nd-Pb-Hf-O isotopic constraints on the Neoproterozoic to Miocene upper and mid crust in central Chile and western Argentina and trench sediments (33°-35°S). <i>Journal of South American Earth Sciences</i> , 2020, 104, 102879.	0.6	3
1435	Major tectono-thermal events in Yangtze Craton: Insights from U-Pb-Hf isotope records in zircons from end-Permian volcanic interlayers in southwest China. <i>Acta Geologica Sinica</i> , 2020, 94, 2053.	0.8	1

#	ARTICLE	IF	CITATIONS
1436	Petrogenesis of the Microgranular Enclaves and Their Host Granites from the Xitian Intrusion in South China: Implications for Geodynamic Setting and Mineralization. <i>Minerals</i> (Basel, Switzerland), 2020, 10, 1059.	0.8	1
1437	The Paleozoic-Aged University Foidolite-Gabbro Pluton of the Northeastern Part of the Kuznetsk Alatau Ridge, Siberia: Geochemical Characterization, Geochronology, Petrography and Geophysical Indication of Potential High-Grade Nepheline Ore. <i>Minerals</i> (Basel, Switzerland), 2020, 10, 1128.	0.8	6
1438	Carbonates at the supergiant Olypmic Dam Cu-U-Au-Ag deposit, South Australia part 2: Sm-Nd, Lu-Hf and Sr-Pb isotope constraints on the chronology of carbonate deposition. <i>Ore Geology Reviews</i> , 2022, 140, 103745.	1.1	9
1439	Widespread Permian granite magmatism in Lower Austroalpine units: significance for Permian rifting in the Eastern Alps. <i>Swiss Journal of Geosciences</i> , 2020, 113, .	0.5	20
1440	Trace-element and Sr and Nd isotopic geochemistry of Cretaceous bentonites in Wyoming and South Dakota tracks magmatic processes during eastward migration of Farallon arc plutons. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1542-1559.	1.6	6
1441	Subduction of a rifted passive continental margin: the Pohorje case of Eastern Alps—constraints from geochronology and geochemistry. <i>Swiss Journal of Geosciences</i> , 2020, 113, .	0.5	13
1442	Petrochronology of Wadi Tayin Metamorphic Sole Metasediment, With Implications for the Thermal and Tectonic Evolution of the Samail Ophiolite (Oman/UAE). <i>Tectonics</i> , 2020, 39, e2020TC006135.	1.3	24
1443	Aptian Flysch in Central Tibet: Constraints on the Timing of Closure of the Bangong—Nujiang Tethyan Ocean. <i>Tectonics</i> , 2020, 39, e2020TC006198.	1.3	29
1444	Two stages of granitoid intrusions and their implications on the early Paleoproterozoic tectonic evolution of the Quanji Massif. <i>Lithos</i> , 2020, 362-363, 105479.	0.6	7
1445	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
1446	Detrital zircon constraints on late Paleozoic tectonism of the Bogda region (NW China) in the southern Central Asian Orogenic Belt. <i>Geoscience Frontiers</i> , 2020, 11, 1533-1548.	4.3	7
1447	Unraveling the complexity of zircons from the 4.0–2.9 Ga Acasta Gneiss Complex. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 283, 85-102.	1.6	10
1448	Early crustal evolution of the Superior craton — A U—Pb, Hf and O isotope study of zircon from the Assean lake complex and a comparison to early crust in other cratons. <i>Lithos</i> , 2020, 368-369, 105600.	0.6	1
1449	Provenances of the Ediacaran sedimentary rocks in the Zhuguangshan area and their implications for granitoid-related uranium mineralization in South China. <i>Ore Geology Reviews</i> , 2020, 124, 103588.	1.1	4
1450	Archean—Paleoproterozoic tectonothermal events in the central Tarim Block: Constraints from granitic gneisses revealed by deep drilling wells. <i>Precambrian Research</i> , 2020, 347, 105776.	1.2	10
1451	Clay-fraction strontium and neodymium isotopes in the Indus Fan: implications for sediment transport and provenance. <i>Geological Magazine</i> , 2020, 157, 879-894.	0.9	9
1452	Zircon U-Pb-Hf isotope systematics of Transvaal Supergroup — Constraints for the geodynamic evolution of the Kaapvaal Craton and its hinterland between 2.65 and 2.06 Ga. <i>Precambrian Research</i> , 2020, 345, 105760.	1.2	26
1453	Source and pressure effects in the genesis of the Late Triassic high Sr/Y granites from the Songpan-Ganzi Fold Belt, eastern Tibetan Plateau. <i>Lithos</i> , 2020, 368-369, 105584.	0.6	7

#	ARTICLE	IF	CITATIONS
1454	Proterozoic tectonic evolution of the Tarim Craton: New insights from detrital zircon U-Pb and Lu-Hf isotopes of metasediments in the Kuruktag area. <i>Precambrian Research</i> , 2020, 346, 105788.	1.2	18
1455	The Neoproterozoic Andreia group: Evolution from an intraplate continental margin to an early collisional basin south of the São Francisco craton, Brazil. <i>Journal of South American Earth Sciences</i> , 2020, 102, 102666.	0.6	18
1456	Cadomian (ca. 550 Ma) magmatic and thermal imprint on the North Arabian-Nubian Shield (south and) Tj ETQq0 0,0 rgBT /Overlock 10	1.2	12
1457	Geochronologic and Hf-isotope framework of Proterozoic rocks from central New Mexico, USA: Formation of the Mazatzal crustal province in an extended continental margin arc. <i>Precambrian Research</i> , 2020, 347, 105820.	1.2	24
1458	Water mass mixing versus local weathering inputs along the Bay of Biscay: Evidence from dissolved hafnium and neodymium isotopes. <i>Marine Chemistry</i> , 2020, 224, 103844.	0.9	3
1459	Neoproterozoic Windermere Supergroup Near Bayhorse, Idaho: Late-Stage Rodinian Rifting Was Deflected West Around the Belt Basin. <i>Tectonics</i> , 2020, 39, e2020TC006145.	1.3	22
1460	Geochemistry, zircon U-Pb geochronology and Hf-O isotopes of the Late Mesozoic granitoids from the Xiong'er shan area, East Qinling Orogen, China: Implications for petrogenesis and molybdenum metallogeny. <i>Ore Geology Reviews</i> , 2020, 124, 103653.	1.1	20
1461	Lu-Hf Isotope-Geochemical Zircon Systematics and Genesis of the Neoproterozoic Alkaline Granites in the Keivy Megablock, Kola Peninsula. <i>Geochemistry International</i> , 2020, 58, 624-638.	0.2	2
1462	Cretaceous arc volcanism of Palmer Land, Antarctic Peninsula: Zircon U-Pb geochronology, geochemistry, distribution and field relationships. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 401, 106969.	0.8	7
1463	Nd isotope re-equilibration during high temperature metamorphism across an orogenic belt: Evidence from monazite and garnet. <i>Chemical Geology</i> , 2020, 551, 119751.	1.4	15
1464	Formation of early Archean Granite-Greenstone Terranes from a globally chondritic mantle: Insights from igneous rocks of the Pilbara Craton, Western Australia. <i>Chemical Geology</i> , 2020, 551, 119757.	1.4	36
1465	Detrital zircon $^{206}\text{Pb}/^{238}\text{U}$ and $^{207}\text{Pb}/^{235}\text{U}$ data from Cambrian sandstones of the Ougarta Mountains Algeria: Implication for palaeoenvironment. <i>Geological Journal</i> , 2020, 55, 7760-7774.	0.6	11
1466	Quaternary sediment dispersal in the Zambezi turbidite system (SW Indian Ocean). <i>Marine Geology</i> , 2020, 428, 106276.	0.9	10
1467	Isotopic analyses of clinopyroxenes demonstrate the effects of kimberlite melt metasomatism upon the lithospheric mantle. <i>Lithos</i> , 2020, 370-371, 105595.	0.6	23
1468	Late Paleoproterozoic to Early Mesoproterozoic Mafic Magmatism in the SW Yangtze Block: Mantle Plumes Associated With Nuna Breakup?. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019260.	1.4	17
1469	Melting of the juvenile lower crust in a far-field response to roll-back of the southern Neotethyan oceanic lithosphere: the Oligocene adakitic dacites, NE Turkey. <i>Lithos</i> , 2020, 370-371, 105614.	0.6	8
1470	Detrital zircons and sediment dispersal in the eastern Midcontinent of North America. , 2020, 16, 817-843.		30
1471	Zircon U-Pb age and Hf isotopic composition of the Carboniferous Çöğür granitoid in the western Sakarya Zone of Turkey. <i>Turkish Journal of Earth Sciences</i> , 2020, 49, 617-628.	0.4	7

#	ARTICLE	IF	CITATIONS
1472	Continental Crustal Growth Processes Revealed by Detrital Zircon Petrochronology: Insights From Zealandia. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019075.	1.4	11
1473	Detrital zircon evidence for change in geodynamic regime of continental crust formation 3.7±3.6 billion years ago. <i>Earth and Planetary Science Letters</i> , 2020, 538, 116206.	1.8	40
1474	Enigmatic 1146 ± 4Ma old granite in the southeastern rim of the West African craton, now part of the Dahomeyan orogenic belt in Ghana. <i>Journal of African Earth Sciences</i> , 2020, 167, 103814.	0.9	2
1475	Generation of Jurassic high-Mg diorite and plagiogranite intrusions of the Asa area, Tibet: Products of intra-oceanic subduction of the Meso-Tethys Ocean. <i>Lithos</i> , 2020, 362-363, 105481.	0.6	6
1476	Sequence and petrogenesis of the volcanic rocks from the middle Sanjiang Tethys Orogen, SW China: Implications for the Sanjiang Paleotethyan evolution. <i>Geological Journal</i> , 2020, 55, 6235-6254.	0.6	3
1477	Two metamorphic gold mineralization events confirmed by Lu-Hf isotope dating of garnet in the Late Archean Storö, Au deposit, Nuuk region of SW Greenland. <i>Ore Geology Reviews</i> , 2020, 121, 103476.	1.1	5
1478	Provenance and Tectonic Implications of Sedimentary Rocks of the Paleozoic Chiron Basin, Eastern Transbaikalia, Russia, Based on Whole-Rock Geochemistry and Detrital Zircon U-Pb Age and Hf Isotopic Data. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 279.	0.8	2
1479	New U Pb, Hf and O isotope constraints on the provenance of sediments from the Adelaide Rift Complex – Documenting the key Neoproterozoic to early Cambrian succession. <i>Gondwana Research</i> , 2020, 83, 248-278.	3.0	20
1480	Two phases of Paleoproterozoic orogenesis in the Tarim Craton: Implications for Columbia assembly. <i>Gondwana Research</i> , 2020, 83, 201-216.	3.0	19
1481	Late Neoproterozoic granites in the Qixingtai region, western Shandong: Further evidence for the recycling of early Neoproterozoic juvenile crust in the North China Craton. <i>Geological Journal</i> , 2020, 55, 6462-6486.	0.6	3
1482	A clearer view of crustal evolution: U-Pb, Sm-Nd, and Lu-Hf isotope systematics in five detrital minerals unravel the tectonothermal history of northern China. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 2367-2381.	1.6	12
1483	Emplacement of Young Island Arc Crust Over Older Mantle Along a Cratonic Foreland: Constraints From Multiple Isotopes and Elemental Geochemistry. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018550.	1.4	7
1484	Accretion of the Earth's Missing Components?. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	32
1485	Zircon U-Pb ages and Hf isotope compositions of Açucena Granite (Borrachudos Suite): Implications for Statherian-Cambrian tectono-magmatic evolution of the southern border of the São Francisco Craton, Brazil. <i>Journal of South American Earth Sciences</i> , 2020, 100, 102543.	0.6	11
1486	Metallogenic Setting and Evolution of the Pados-Tundra Cr-Bearing Ultramafic Complex, Kola Peninsula: Evidence from Sm-Nd and U-Pb Isotopes. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 186.	0.8	9
1487	Significant <sup>44</sup> Ca/ <sup>40</sup> Ca variations between carbonate- and clay-rich marine sediments from the Lesser Antilles forearc and implications for mantle heterogeneity. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 276, 239-257.	1.6	13
1488	Petrogenesis and tectonic setting of the Bolong ore-bearing granodiorite porphyry in the Bangongco-Nujiang metallogenic belt, northwestern Tibet: Evidence from geochemistry, zircon U Pb ages, and Sr-Nd-Pb-Hf isotopes. <i>Lithos</i> , 2020, 362-363, 105466.	0.6	3
1489	Two-stages of plume tail volcanism formed Ojin Rise Seamounts adjoining Shatsky Rise. <i>Lithos</i> , 2020, 372-373, 105652.	0.6	6

#	ARTICLE	IF	CITATIONS
1490	The effects of possible contamination by sample holders on samples to be returned by Hayabusa2. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1665-1680.	0.7	6
1491	Sediment-derived origin of the putative Munnar carbonatite, South India. <i>Journal of Asian Earth Sciences</i> , 2020, 200, 104432.	1.0	16
1492	Petro-tectonic evolution of metamorphic sole of the Semail ophiolite, UAE. <i>Gondwana Research</i> , 2020, 86, 203-221.	3.0	4
1493	Heterogeneous nickel isotopic compositions in the terrestrial mantle – Part 1: Ultramafic lithologies. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 285, 129-149.	1.6	16
1494	Volcanic record of the arc-to-rift transition onshore of the Guaymas basin in the Santa RosalÃa area, Gulf of California, Baja California. , 2020, 16, 1012-1041.		4
1495	Late Paleozoic alkaline magmatism in Western Transbaikalia, Russia: Implications for magma sources and tectonic settings. <i>Geoscience Frontiers</i> , 2020, 11, 1289-1303.	4.3	7
1496	Petrological characteristics of lithospheric mantle beneath Nui Nua and Ba Ria areas, southern Vietnam. <i>Geosciences Journal</i> , 2020, 24, 475-487.	0.6	3
1497	Oxygen-Hafnium-Neodymium Isotope Constraints on the Origin of the Talnakh Ultramafic-Mafic Intrusion (Norilsk Province, Russia). <i>Economic Geology</i> , 2020, 115, 1195-1212.	1.8	5
1498	New insight into the Dahomeyide Belt of southeastern Ghana, West Africa: Evidence of arc-continental collision and Neoproterozoic crustal reworking. <i>Precambrian Research</i> , 2020, 347, 105836.	1.2	9
1499	A long-lived magma ocean on a young Moon. <i>Science Advances</i> , 2020, 6, eaba8949.	4.7	76
1500	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
1501	The missing link of Rodinia breakup in western South America: A petrographical, geochemical, and zircon Pb-Hf isotope study of the volcanosedimentary Chilla beds (Altiplano, Bolivia). , 2020, 16, 619-645.		11
1502	Geochemical and isotopic constraints on the host rocks of the magmatic-hydrothermal Coringa gold-silver (Cu-Pb-Zn) deposit of the TapajÃs mineral province, amazonian craton, Brazil. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102726.	0.6	5
1503	U-Pb, Hf isotope and REE constraints on high-pressure acid migmatites from the Cabo Ortegal Complex (NW Spain): New evidence of short-duration metamorphism in a Variscan subduction channel. <i>Lithos</i> , 2020, 372-373, 105660.	0.6	2
1504	Genesis and geodynamic process of early Cretaceous intermediate-felsic batholith within the Chem Co zone, western Qiangtang and implications for Bangong-Nujiang Tethyan Ocean subduction. <i>Gondwana Research</i> , 2020, 82, 193-220.	3.0	4
1505	Geology, U-Pb Geochronology, and Hf Isotope Geochemistry Across the Mesozoic Alaska Range Suture Zone (South-Central Alaska): Implications for Cordilleran Collisional Processes and Tectonic Growth of North America. <i>Tectonics</i> , 2020, 39, e2019TC005946.	1.3	14
1506	Paleoproterozoic juvenile magmatism within the northeastern sector of the SÃo Francisco paleocontinent: Insights from the shoshonitic high Ba-Sr Montezuma granitoids. <i>Geoscience Frontiers</i> , 2020, 11, 1821-1840.	4.3	16
1507	Possible link between the oldest supracrustal unit and the oldest rock unit of China. <i>Precambrian Research</i> , 2020, 342, 105672.	1.2	7

#	ARTICLE	IF	CITATIONS
1508	Slab break-off origin of 105 Ma A-type porphyritic granites in the Asa area of Tibet. Geological Magazine, 2020, 157, 1281-1298.	0.9	5
1509	Dust provenance and its role as a potential fertilizing agent for the Okavango Delta, Botswana. Earth Surface Processes and Landforms, 2020, 45, 1705-1716.	1.2	7
1510	Late Carboniferous mafic to felsic intrusive rocks in the central Great Xing'an Range, NE China: petrogenesis and tectonic implications. International Journal of Earth Sciences, 2020, 109, 761-783.	0.9	9
1511	Regional-scale polydiapirism predating the Neoproterozoic Yilgarn Orogeny. Tectonophysics, 2020, 779, 228375.	0.9	6
1512	The Role of Magma Mixing in Generating Granodioritic Intrusions Related to Cu-W Mineralization: A Case Study from Qiaomaishan Deposit, Eastern China. Minerals (Basel, Switzerland), 2020, 10, 171.	0.8	5
1513	The marine record of the onset of farming around the Arabian Sea at the dawn of the Bronze Age. Holocene, 2020, 30, 878-887.	0.9	3
1514	Rifting of the Kaapvaal Craton during the early Paleoproterozoic: Evidence from magmatism in the western Transvaal subbasin (South Africa). Precambrian Research, 2020, 342, 105687.	1.2	9
1515	Volatile element chemistry during accretion of the earth. Chemie Der Erde, 2020, 80, 125594.	0.8	20
1516	Origin of the Triassic Lincang granites in the southeastern Tibetan Plateau: Crystallization from crystal mush. Lithos, 2020, 360-361, 105452.	0.6	17
1517	Generation and maturation of Mesoarchean continental crust in the Anshan Complex, North China Craton. Precambrian Research, 2020, 341, 105651.	1.2	16
1518	Zircon fingerprint of the Neoproterozoic North Atlantic: Perspectives from East Greenland. Precambrian Research, 2020, 342, 105653.	1.2	19
1519	Across-Arc Diversity in Rhyolites From an Intra-oceanic Arc: Evidence From IODP Site U1437, Izu Bonin Rear Arc, and Surrounding Area. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008353.	1.0	6
1520	Carbonated Inheritance in the Eastern Tibetan Lithospheric Mantle: Petrological Evidences and Geodynamic Implications. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008495.	1.0	9
1521	Diversity of Felsic Rocks in Oceanic Crust: Implications From the Neoproterozoic Plagiogranites Within the Northeast Jiangxi Ophiolite, Southern China. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB017414.	1.4	6
1522	Newly discovered Neoproterozoic A-type granite in the Altun orogenic belt: A record of the initial breakup of Rodinia. Geological Journal, 2020, 55, 6013-6028.	0.6	4
1523	Erupted zircon record of continental crust formation during mantle driven arc flare-ups. Geology, 2020, 48, 446-451.	2.0	33
1524	Crust-mantle interaction during subduction zone processes: Insight from late Mesozoic I-type granites in eastern Guangdong, SE China. Journal of Asian Earth Sciences, 2020, 192, 104284.	1.0	15
1525	Natural versus anthropogenic sources and seasonal variability of insoluble precipitation residues at Laohugou Glacier in northeastern Tibetan Plateau. Environmental Pollution, 2020, 261, 114114.	3.7	6

#	ARTICLE	IF	CITATIONS
1526	A review of Hadean to Neoproterozoic crust generation in the Singhbhum Craton, India and possible connection with Pilbara Craton, Australia: The geochronological perspective. <i>Earth-Science Reviews</i> , 2020, 202, 103085.	4.0	36
1527	The composition of Mars. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 273, 137-162.	1.6	116
1528	Geochemistry and geochronology of mafic rocks from the Spanish Central System: Constraints on the mantle evolution beneath central Spain. <i>Geoscience Frontiers</i> , 2020, 11, 1651-1667.	4.3	14
1529	Ferroan alkalic volcanism associated with Calymmian rifting in the Paramirim aulacogen, São Francisco craton, Brazil: New insights from lithofacies analysis and evidence of mantle-derived alkaline H <sub>2</sub> O-rich metasomatic fluids affecting ancient crustal materials. <i>Precambrian Research</i> , 2020, 340, 105632.	1.2	3
1530	Detrital zircon U-Pb geochronology and Hf isotopes of the Liaohe Group, Jiao-Liao-Ji Belt: Implications for the Paleoproterozoic tectonic evolution. <i>Precambrian Research</i> , 2020, 340, 105633.	1.2	23
1531	Grenville-age continental arc magmatism and crustal evolution in central Dronning Maud Land (East) Tj ETQq1 1 0.784314 rgBT /Overlo 108-127.	3.0	15
1532	High-precision cerium isotope analysis by thermal ionization mass spectrometry using the Ce <sup>+</sup> technique. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 467-477.	1.6	10
1533	The history of the Tissint meteorite, from its crystallization on Mars to its exposure in space: New geochemical, isotopic, and cosmogenic nuclide data. <i>Meteoritics and Planetary Science</i> , 2020, 55, 294-311.	0.7	9
1534	A preliminary reassessment of the Siberian cratonic basement with new U-Pb-Hf detrital zircon data. <i>Precambrian Research</i> , 2020, 340, 105645.	1.2	23
1535	Late Devonian to early Carboniferous magmatism in the western Songliao "Xilinhot block, Northeast China: Implications for eastward subduction of the Nenjiang oceanic lithosphere. <i>Geological Journal</i> , 2020, 55, 2208-2231.	0.6	11
1536	Petrochemical and isotopic evidences for multiple sources involving in the generation of post-collisional granitoid complex: A case study of the Mangling complex from the eastern Qinling orogen, China. <i>Lithos</i> , 2020, 356-357, 105377.	0.6	4
1537	North Atlantic Craton architecture revealed by kimberlite-hosted crustal zircons. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116091.	1.8	22
1538	Detrital zircon U-Pb-Hf isotope signatures of Old Red Sandstone strata constrain the Silurian to Devonian paleogeography, tectonics, and crustal evolution of the Svalbard Caledonides. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1987-2003.	1.6	12
1539	Prolonged Neo-Tethyan magmatic arc in Myanmar: evidence from geochemistry and Sr "Nd "Hf isotopes of Cretaceous mafic felsic intrusions in the Banmauk "Kawlin area. <i>International Journal of Earth Sciences</i> , 2020, 109, 649-668.	0.9	17
1540	U-Pb zircon geochronology from Haag Nunataks, Coats Land and Shackleton Range (Antarctica): Constraining the extent of juvenile Late Mesoproterozoic arc terranes. <i>Precambrian Research</i> , 2020, 340, 105646.	1.2	13
1541	Integrated ophiolite and arc evolution, southern Brasiliano Orogen. <i>Precambrian Research</i> , 2020, 341, 105648.	1.2	25
1542	Hafnium isotopic record of mantle-crust interaction in an evolving continental magmatic system. <i>Earth and Planetary Science Letters</i> , 2020, 535, 116100.	1.8	18
1543	Genesis of alkaline-peralkaline A-type granite from El Dair complex, SW Arabian-Nubian Shield, Sudan: geochronology, geochemistry and isotopic constraints. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	7

#	ARTICLE	IF	CITATIONS
1544	Geochemistry, geochronology and Hf isotope of granitoids in the northern Alxa region: Implications for the Late Paleozoic tectonic evolution of the Central Asian Orogenic Belt. <i>Geoscience Frontiers</i> , 2020, 11, 1711-1725.	4.3	22
1545	Constructing the latest Neoproterozoic to Early Paleozoic multiple crust-mantle interactions in western Bainaimiao arc terrane, southeastern Central Asian Orogenic Belt. <i>Geoscience Frontiers</i> , 2020, 11, 1727-1742.	4.3	15
1546	Petrogenesis of Archean TTG-series rocks from the Jiaodong complex, eastern China: Implications for crustal evolution in the North China Craton. <i>Journal of Asian Earth Sciences</i> , 2020, 197, 104368.	1.0	9
1547	The Origin and Evolution of Ore-Bearing Rocks in the Loypishnun Deposit (Monchetundra Massif, NE) Tj ETQq1 1 0.784314 rgBT /Ove 10, 286.	0.8	4
1548	A Triassic to Jurassic arc in north Borneo: Geochronology, geochemistry, and genesis of the Segama Valley Felsic Intrusions and the Sabah ophiolite. <i>Gondwana Research</i> , 2020, 84, 229-244.	3.0	41
1549	Preservation of Eoarchean mantle processes in $^{43}\text{Ca}$ - $^{47}\text{Ti}$ peridotite enclaves in the Itsaq Gneiss Complex, southern West Greenland. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 280, 1-25.	1.6	31
1550	Constraining provenance for the uraniferous Paleoproterozoic Francevillian Group sediments (Gabon) with detrital zircon geochronology and geochemistry. <i>Precambrian Research</i> , 2020, 343, 105724.	1.2	6
1551	Mesoarchean bimodal volcanic rocks of the Onot greenstone belts, southwestern Siberian craton: Implications for magmatism in an extension/rift setting. <i>Precambrian Research</i> , 2020, 343, 105731.	1.2	9
1552	Geodynamics of Late Paleozoic to Early Mesozoic Magmatism in South China: Insights from the Genesis of the Late Permian S-Type Granites in the Yunkai Massif. <i>Journal of Geology</i> , 2020, 128, 275-301.	0.7	5
1553	Identification of a new source for the Triassic Langjiexue Group: Evidence from a gabbro-diorite complex in the Gangdese magmatic belt and zircon microstructures from sandstones in the Tethyan Himalaya, southern Tibet. , 2020, 16, 407-434.		31
1554	Assessing Origins of End-Triassic Tholeiites From Eastern North America Using Hafnium Isotopes. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC008999.	1.0	5
1555	Mesozoic deposits of SW Gondwana (Namibia): unravelling Gondwanan sedimentary dispersion drivers by detrital zircon. <i>International Journal of Earth Sciences</i> , 2020, 109, 1683-1704.	0.9	10
1556	The Mesoarchean Dominion Group and the onset of intracontinental volcanism on the Kaapvaal craton – Geological, geochemical and temporal constraints. <i>Gondwana Research</i> , 2020, 84, 131-150.	3.0	11
1557	Compositional changes of granitoids from the Menglian Batholith in SW China at ca. 1222 Ma: Implications for the origin of decoupled Nd-Hf isotopic compositions and crust generation in collision zones. <i>Lithos</i> , 2020, 364-365, 105550.	0.6	10
1558	Carbonates and cherts as archives of seawater chemistry and habitability on a carbonate platform 3.35 Ga ago: Insights from Sm/Nd dating and trace element analysis from the Strelley Pool Formation, Western Australia. <i>Precambrian Research</i> , 2020, 344, 105742.	1.2	13
1559	Petrogenesis and Age of Rocks from the Lower Zone of the Monchetundra Mafic Platinum-Bearing Massif, Kola Peninsula. <i>Petrology</i> , 2020, 28, 151-182.	0.2	10
1560	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
1561	Reconstruction of the prograde PT history of high-P migmatitic paragneisses via melt-integration approach and thermodynamic modelling (Allochthonous Complexes, NW Iberian Massif). <i>Journal of Metamorphic Geology</i> , 2020, 38, 629-653.	1.6	3

#	ARTICLE	IF	CITATIONS
1562	Tectonic evolution of the Grenville Orogen in the central Appalachians. <i>Precambrian Research</i> , 2020, 346, 105740.	1.2	15
1563	Tectonic Evolution of the Eastern Moroccan Meseta: From Late Devonian Forearc Sedimentation to Early Carboniferous Collision of an Avalonian Promontory. <i>Tectonics</i> , 2020, 39, e2019TC005976.	1.3	14
1564	Late Carboniferous crustal evolution of the Chinese Central Tianshan microcontinent: Insights from zircon U–Pb and Hf isotopes of granites. <i>Geological Journal</i> , 2020, 55, 1947-1963.	0.6	4
1565	Generation of Eoarchean continental crust from altered mafic rocks derived from a chondritic mantle: The $^{43.72}$ Ga Aktash gneisses, Tarim Craton (NW China). <i>Earth and Planetary Science Letters</i> , 2020, 538, 116225.	1.8	39
1566	Record of Early Tonian mafic magmatism in the central Espinhaço (Brazil): New insights for break-up of the Neoproterozoic landmass ancestor of São Francisco-Congo paleocontinent. <i>Geoscience Frontiers</i> , 2020, 11, 2323-2337.	4.3	16
1567	Age and Sources of Dzhagdy Terrane Metasedimentary Rocks in the Mongol–Okhotsk Fold Belt: Detrital Zircon U–Pb and Lu–Hf Isotopic Data. <i>Russian Journal of Pacific Geology</i> , 2020, 14, 20-31.	0.1	10
1568	Updated geochronology and isotope geochemistry of the Vila de Cruces Ophiolite: a case study of a peri-Gondwanan back-arc ophiolite. <i>Geological Society Special Publication</i> , 2020, , SP503-2020-8.	0.8	8
1569	Integrated U–Pb, Lu–Hf and (U–Th)/He analysis of zircon from the Banxi Sb deposit and its implications for the low-temperature mineralization in South China. <i>Geoscience Frontiers</i> , 2020, 11, 1323-1335.	4.3	28
1570	Drainage response to Arabia–Eurasia collision: Insights from provenance examination of the Cyprian Kythrea flysch (Eastern Mediterranean Basin). <i>Basin Research</i> , 2021, 33, 26-47.	1.3	6
1571	Petrogenesis of the meta-igneous rocks of the Sierra El Arco and coeval magmatic rocks in Baja California: Middle Jurassic–Early Cretaceous (166–140 Ma) island arc magmatism of NW México. <i>International Geology Review</i> , 2021, 63, 1153-1180.	1.1	5
1572	Petrogenetic and tectonic controls on magma fertility and the formation of post-subduction porphyry and epithermal mineralization along the late Cenozoic Anatolian Metallogenic Trend, Turkey. <i>Mineralium Deposita</i> , 2021, 56, 279-306.	1.7	5
1573	Detrital zircon U–Pb and Lu–Hf data for a kinzigitic gneiss (Jequitinhonha Complex, Araçuaia Orogen, SE Brazil). <i>Journal of Metamorphic Geology</i> , 2021, 39, 1027-1040.	0.6	10
1574	Late Jurassic Changmar Complex from the Shyok ophiolite, NW Himalaya: a prelude to the Ladakh Arc. <i>Geological Magazine</i> , 2021, 158, 239-260.	0.9	13
1575	Trace Element and Isotopic Evidence for Recycled Lithosphere from Basalts from 48 to 53°E, Southwest Indian Ridge. <i>Journal of Petrology</i> , 2021, 61, .	1.1	7
1576	Neoproterozoic granitoids from the Phan Si Pan Zone, NW Vietnam: geochemistry and geochronology constraints on reconstructing South China – India Palaeogeography. <i>International Geology Review</i> , 2021, 63, 585-600.	1.1	11
1577	Geochronology and petrogenesis of the Late Silurian Shitoukengde mafic–ultramafic intrusion, NW China: Implications for the tectonic setting and magmatic Ni–Cu mineralization in the East Kunlun Orogenic Belt. <i>International Geology Review</i> , 2021, 63, 549-570.	1.1	8
1578	Evolution of a Cambro-Ordovician active margin in northern Gondwana: Geochemical and zircon geochronological evidence from the Góry Sowie metasedimentary rocks, Poland. <i>Gondwana Research</i> , 2021, 90, 1-26.	3.0	26
1579	Eoarchean rock association in the Dniester-Bouh Domain of the Ukrainian Shield: A suite of LILE-depleted enderbites and mafic granulites. <i>Precambrian Research</i> , 2021, 352, 106001.	1.2	18

#	ARTICLE	IF	CITATIONS
1580	The formation of TTGs by hydrous partial melting and anatexis from a gabbroic mantle source in Viti Levu, Fiji Islands. <i>Precambrian Research</i> , 2021, 353, 105971.	1.2	2
1581	Volcanic reconstruction and geochemistry of the Powderhouse formation in the Paleoproterozoic VMS-hosting Chisel sequence, Snow Lake, Manitoba, Canada. <i>Canadian Journal of Earth Sciences</i> , 2021, 58, 247-267.	0.6	0
1582	Early Paleozoic accretionary orogens along the Western Gondwana margin. <i>Geoscience Frontiers</i> , 2021, 12, 109-130.	4.3	34
1583	Reworking of Hadean continental crust in the Dabie orogen: Evidence from the Muzidian granitic gneisses. <i>Gondwana Research</i> , 2021, 89, 119-130.	3.0	22
1584	An extensional collapse model for the Lhasa "Qiangtang orogen in Central Tibet. <i>Gondwana Research</i> , 2021, 89, 66-87.	3.0	4
1585	Depositional age, provenance, and tectonic implications of Neoproterozoic sedimentary rocks in the Xiangshan area, South China. <i>Geological Journal</i> , 2021, 56, 1584-1603.	0.6	1
1586	Radiometric Dating by Rb-Sr, Sm-Nd, Lu-Hf, Re-Os, and Pb-Pb. , 2021, , 13-25.		0
1587	Two stages of crust-mantle interaction during oceanic subduction to continental collision: Insights from mafic-ultramafic complexes in the North Qaidam orogen. <i>Gondwana Research</i> , 2021, 89, 247-264.	3.0	14
1588	Os isotopic composition of western Aleutian adakites: Implications for the Re/Os of oceanic crust processed through hot subduction zones. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 292, 452-467.	1.6	5
1589	Delineation of the early Neoproterozoic (2.75 to 2.70 Ga) crustal growth and reworking processes in the southeast base of Taihang Mountain, North China Craton. <i>Lithos</i> , 2021, 380-381, 105829.	0.6	2
1590	Middle Permian adakitic granite dikes in the Sumdo region, central Lhasa terrane, central Tibet: Implications for the subduction of the Sumdo Paleo-Tethys Ocean. <i>Journal of Asian Earth Sciences</i> , 2021, 205, 104610.	1.0	12
1591	Nature and (in-)coherent metamorphic evolution of subducted continental crust in the Neoproterozoic accretionary collage of SW Mongolia. <i>Geoscience Frontiers</i> , 2021, 12, 101097.	4.3	7
1592	Integrated detrital rutile and zircon provenance reveals multiple sources for Cambrian sandstones in North Gondwana. <i>Earth-Science Reviews</i> , 2021, 213, 103462.	4.0	26
1593	A New Reconstruction for Permian East Gondwana Based on Zircon Data From Ophiolite of the East Australian Great Serpentine Belt. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	5
1594	The multiple ways of recycling Archaean crust: A case study from the ca. 3.1 Ga granitoids from the Barberton Greenstone Belt, South Africa. <i>Precambrian Research</i> , 2021, 353, 105998.	1.2	15
1595	The Sveconorwegian orogeny. <i>Gondwana Research</i> , 2021, 90, 273-313.	3.0	49
1596	Zircon U-Pb and Lu-Hf isotopes of Huai'an complex granites, North China Craton: Implications for crustal growth, reworking and tectonic evolution. <i>Gondwana Research</i> , 2021, 90, 118-134.	3.0	6
1597	Neoproterozoic syn-collision magmatism in the Nkondjock region at the northern border of the Congo craton in Cameroon: Geodynamic implications for the Central African orogenic belt. <i>Precambrian Research</i> , 2021, 353, 106015.	1.2	17

#	ARTICLE	IF	CITATIONS
1598	Paleoproterozoic TTG-like metagranites from the Dahomeyide Belt, Ghana: Constraints on the evolution of the Birimian-Eburnean Orogeny. <i>Precambrian Research</i> , 2021, 353, 106024.	1.2	4
1599	Petrogenesis of ca. 1.13 Ga volcanic rocks in the central Lhasa subterrane, southern Tibet: Implications for the tectonic setting and continental crustal reworking. <i>Geological Journal</i> , 2021, 56, 1987-2007.	0.6	3
1600	Dissolved neodymium and hafnium isotopes and rare earth elements in the Congo River Plume: Tracing and quantifying continental inputs into the southeast Atlantic. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 294, 192-214.	1.6	15
1601	Ediacaran ophiolite relics in the SE Brazilian coast: Field, geochemical and geochronological evidence from metabasites and paragneisses. <i>Journal of South American Earth Sciences</i> , 2021, 105, 103040.	0.6	8
1602	Provenance of Ediacaran-Ordovician sediments of the Medio Armorican Domain, Brittany, West France: Constraints from U/Pb detrital zircon and Sm-Nd isotope data. <i>Gondwana Research</i> , 2021, 90, 63-76.	3.0	9
1603	Evolution of the early to late Archean mantle from Hf-Nd-Ce isotope systematics in basalts and komatiites from the Pilbara Craton. <i>Earth and Planetary Science Letters</i> , 2021, 553, 116627.	1.8	19
1604	Cenozoic lithospheric architecture and metallogensis in Southeastern Tibet. <i>Earth-Science Reviews</i> , 2021, 214, 103472.	4.0	66
1605	Zircon geochronology and O-Hf isotopes of Cappadocian ignimbrites: New insights into continental crustal architecture underneath the Central Anatolian Volcanic Province, Turkey. <i>Gondwana Research</i> , 2021, 91, 166-187.	3.0	4
1606	Early Cambrian oceanic island-arc magmatism at the paleo-Pacific margin of East Gondwana: Evidence from northern Victoria Land (Antarctica). <i>Lithos</i> , 2021, 382-383, 105925.	0.6	1
1607	New constraints on the formation of main group pallasites derived from in situ trace element analysis and 2D mapping of olivine and phosphate. <i>Chemical Geology</i> , 2021, 562, 119996.	1.4	4
1608	<sup>3.85</sup> Ga continental crust beneath the southern North China Craton: Evidence from zircon xenocrysts in Cretaceous granites. <i>Gondwana Research</i> , 2021, 91, 277-285.	3.0	3
1609	Distribution Coefficients of the REEs, Sr, Y, Ba, Th, and U between $\hat{\pm}$ -HIBA and AG50W-X8 Resin. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 55-65.	1.2	8
1610	Provenance of passive-margin and syn-collisional units: Implications for the geodynamic evolution of the Southern Brasília Orogen, West Gondwana. <i>Sedimentary Geology</i> , 2021, 413, 105823.	1.0	7
1611	Late Palaeozoic magmatism in the eastern Tsel Terrane of <i>SW</i> Mongolia evidenced by chronological and geochemical data. <i>Geological Journal</i> , 2021, 56, 3415-3447.	0.6	2
1612	Late Cretaceous changes in oceanic currents and sediment sources in the eastern Tethys: insights from Nd isotopes and clay mineralogy. <i>Global and Planetary Change</i> , 2021, 198, 103353.	1.6	2
1613	Paleoproterozoic granitic magmatism in the northern São Francisco Craton, NE Brazil: New perspectives from geochemistry, zircon U-Pb geochronology and Hf isotopes. <i>Journal of South American Earth Sciences</i> , 2021, 105, 103004.	0.6	4
1614	Silurian alkaline magmatism in the Saur area, northern West Junggar: Evidence for the Middle Palaeozoic amalgamation of the Kazakhstan Block at the southwest of the Central Asian Orogenic Belt. <i>Geological Journal</i> , 2021, 56, 1202-1235.	0.6	1
1615	Neoproterozoic to Palaeoproterozoic tectonic evolution of the Trans-North China Orogen, North China Craton: Evidence from zircon U-Pb geochronology, Lu-Hf isotopes, and geochemistry of the Zhanhuang Complex. <i>Geological Journal</i> , 2021, 56, 1236-1257.	0.6	1

#	ARTICLE	IF	CITATIONS
1616	Zircon U–Pb geochronology and in situ Hf isotopic compositions of the Madao migmatite: Constraints on the Mesozoic orogeny in the South Qinling belt. <i>Geological Journal</i> , 2021, 56, 1330-1345.	0.6	1
1617	Early Neoproterozoic granitic gneisses in the Amdo micro-continent, Tibet: petrogenesis and geodynamic implications. <i>International Geology Review</i> , 2021, 63, 342-356.	1.1	8
1618	Timing of deformation, metamorphism and leucogranite intrusion in the lower part of the Seve Nappe Complex in central Jämtland, Swedish Caledonides. <i>Gff</i> , 2021, 143, 55-70.	0.4	3
1619	Mesozoic crustal melting and metamorphism in the U.S. Cordilleran hinterland: Insights from the Sawtooth metamorphic complex, central Idaho. <i>Bulletin of the Geological Society of America</i> , 0, , .	1.6	1
1620	Multiphase intrusion at the giant Pulang porphyry Cu-Au deposit in western Yunnan (Southwestern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 223-240.	0.4	4
1621	Lu-Hf Isotopic Data of the Mb&#233;Sassa-Mbersi Tonalite (Central Cameroon Domain): Indicator of ca. 1.0 Ga Juvenile Tonian Magmatism in the Region. <i>Journal of Geoscience and Environment Protection</i> , 2021, 09, 1-19.	0.2	2
1622	Widespread reworking of Hadean-to-Eoarchean continents during Earth’s thermal peak. <i>Nature Communications</i> , 2021, 12, 331.	5.8	28
1623	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
1624	Ubiquitous post-peak zircon in an eclogite from the <sc>Kumdyâ€Kol</sc>, Kokchetav <sc>UHPâ€HP</sc> Massif (Kazakhstan): Significance of exhumation-related zircon growth and modification in continental subduction settings. <i>Island Arc</i> , 2021, 30, e12385.	0.5	4
1625	Origin of the Volcanic-Arc Signature in Late-Orogenic Granitoids from the Arabian–Nubian Shield. <i>Regional Geology Reviews</i> , 2021, , 439-450.	1.2	0
1626	Generation of syn-collisional S-type granites in collision zones: An example from the Late Triassic Tanggula Batholith in northern Tibet. <i>Gondwana Research</i> , 2022, 104, 185-198.	3.0	4
1627	A metasomatized 18O-rich veined lithospheric mantle source for ultrapotassic magmas. <i>Lithos</i> , 2021, 382-383, 105964.	0.6	4
1628	Transition in tectonic regime from the Paleo-Asian Ocean to Paleo-Pacific Ocean: constraints from the Jurassic adakitic and I-type granites, and calc-alkaline diorites at the northern margin of the North China Craton. <i>International Geology Review</i> , 2022, 64, 564-595.	1.1	6
1629	Petrogenesis and tectonic implication of the Late Jurassic Kunyushan granitic complex in the Jiaodong Peninsula, eastern China. <i>Geological Journal</i> , 2021, 56, 3275-3300.	0.6	3
1630	Major-trace element and Sr-Nd isotope compositions of mafic dykes of the Singhbhum Craton: Insights into evolution of the lithospheric mantle. <i>Lithos</i> , 2021, 382-383, 105959.	0.6	7
1631	Zircon from the Chuktukon alkaline ultramafic carbonatite complex (Chadobets uplift, Siberian) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 10	0.6	10
1632	Fossil oceanic core complexes in the Alps. New field, geochemical and isotopic constraints from the Tethyan Aiguilles Rouges Ophiolite (Val d’Hrens, Western Alps, Switzerland). <i>Swiss Journal of Geosciences</i> , 2021, 114, .	0.5	10
1633	Detrital zircon and rutile U–Pb, Hf isotopes and heavy mineral assemblages of Israeli Miocene sands: Fingerprinting the Arabian provenance of the Levant. <i>Basin Research</i> , 2021, 33, 1967-1984.	1.3	2

#	ARTICLE	IF	CITATIONS
1634	Petrogenesis and tectonic setting of the early-middle triassic subduction-related granite in the eastern segment of East Kunlun: evidences from petrology, geochemistry, and zircon U-Pb-Hf isotopes. <i>International Geology Review</i> , 2022, 64, 698-721.	1.1	8
1635	Evidence from the U-Pb-Hf signatures of detrital zircons for a Baltican provenance for basal Old Red Sandstone successions, northern Scottish Caledonides. <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	3
1636	The effects of terrestrial weathering on samarium-neodymium isotopic composition of ordinary chondrites. <i>Chemical Geology</i> , 2021, 562, 120056.	1.4	7
1637	Extreme isotopic heterogeneity in Samoan clinopyroxenes constrains sediment recycling. <i>Nature Communications</i> , 2021, 12, 1234.	5.8	10
1638	U-Pb and Hf Analyses of Detrital Zircons from Paleozoic and Cretaceous Strata on Vancouver Island, British Columbia: Constraints on the Paleozoic Tectonic Evolution of Southern Wrangellia. <i>Lithosphere</i> , 2021, 2021, .	0.6	10
1639	Comparison of isotope data obtained with Sm-Nd and Re-Os methods for minerals and rocks from the Ozernoe ore occurrence, Salla-Kuolajarvi belt. <i>Vestnik MGTU</i> , 2021, 24, 5-13.	0.0	3
1640	Tectonic significance of a supra-ophiolitic sedimentary cover succession, Unst, Shetland, Scottish Caledonides: insights from the U-Pb-Hf detrital zircon record. <i>Journal of the Geological Society</i> , 2021, 178, jgs2020-169.	0.9	3
1641	Proterozoic Basin Evolution and Tectonic Geography of Madagascar: Implications for an East Africa Connection During the Paleoproterozoic. <i>Tectonics</i> , 2021, 40, e2020TC006498.	1.3	6
1642	Volcaniclastic sandstones record the influence of subducted Pacific MORB on magmatism at the early Izu-Bonin arc. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 296, 170-188.	1.6	8
1643	A Multi-Elements Isotope Approach to Assess the Geographic Provenance of Manila Clams ( <i>Ruditapes</i> ) Tj ETQq1 1 0.784314 rgBT /Overl 1.9 19	0.784314	19
1644	Spatial Characteristics of Recycled and Primordial Reservoirs in the Deep Mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009525.	1.0	20
1645	Hybrid granite magmatism during orogenic collapse in the Eastern Desert of Egypt: Inferences from whole-rock geochemistry and zircon U-Pb-Hf isotopes. <i>Precambrian Research</i> , 2021, 354, 106044.	1.2	20
1646	Magmatic Processes at Snfell Volcano, Iceland, Constrained by Zircon Ages, Isotopes, and Trace Elements. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009255.	1.0	1
1647	Variation in the analytical figure of merit for in situ Hf isotopic measurements by LA-MC-ICPMS in zircon standards at variable spatial resolutions. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4715.	0.7	0
1648	Palaeoarchean TTGs of the Pilbara and Kaapvaal cratons compared; an early Vaalbara supercraton evaluated. <i>South African Journal of Geology</i> , 2021, 124, 37-52.	0.6	10
1649	Cretaceous crustal melting records of tectonic transition from subduction to slab rollback of the Paleo-Pacific Plate in SE China. <i>Lithos</i> , 2021, 384-385, 105985.	0.6	4
1650	Archean trondhjemitic crust at depth in Yangtze Craton: Evidence from TTG xenolith in mafic dyke and apatite inclusion pressure in zircon. <i>Precambrian Research</i> , 2021, 354, 106055.	1.2	7
1651	Impact of Climate Change on Past Indian Monsoon and Circulation: A Perspective Based on Radiogenic and Trace Metal Geochemistry. <i>Atmosphere</i> , 2021, 12, 330.	1.0	2

#	ARTICLE	IF	CITATIONS
1652	Is there a Grenvillian orogen in the southwestern Tarim Craton?. <i>Precambrian Research</i> , 2021, 354, 106053.	1.2	12
1653	The North Atlantic Glacial Eastern Boundary Current as a Key Driver for Iceâ€Sheetâ€™AMOC Interactions and Climate Instability. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004068.	1.3	25
1654	Postcaldera intrusive magmatism at the Platoro caldera complex, Southern Rocky Mountain volcanic field, Colorado, USA. , 0, , .		2
1655	Oxidized sulfur-rich arc magmas formed porphyry Cu deposits by 1.88 Ga. <i>Nature Communications</i> , 2021, 12, 2189.	5.8	27
1656	Multiple tectonomagmatic reactivation of the unexposed basement in the northern Siberian craton: from Paleoproterozoic orogeny to Phanerozoic kimberlite magmatism. <i>International Geology Review</i> , 2022, 64, 1119-1138.	1.1	5
1657	THE U-Pb AGE AND Lu-Hf ISOTOPE SYSTEMATICS OF ZIRCON FROM THE HULIAIPOLE METAVOLCANICS, THE AZOV DOMAIN OF THE UKRAINIAN SHIELD: EVIDENCE FOR THE PALEOARCHEAN-HADEAN CRUST. <i>Geological Journal</i> , 2021, , 3-16.	0.1	3
1658	The Metallogeny of the Lubei Niâ€Cuâ€Co Sulfide Deposit in Eastern Tianshan, NW China: Insights From Petrology and Srâ€Ndâ€Hf Isotopes. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	3
1659	Zircon U-Pb and Pyrite Re-Os Isotope Geochemistry of â€Skarn-Typeâ€™ Fe-Cu Mineralization at the Shuikoushan Polymetallic Deposit, South China: Implications for an Early Cretaceous Mineralization Event in the Nanling Range. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 480.	0.8	5
1660	Late Triassic Orogenic Assembly of the Tibetan Plateau: Constraints from Magmatism and Metamorphism in the East Lhasa Terrane. <i>Journal of Petrology</i> , 2021, 62, .	1.1	2
1661	Luâ€Hf constraints on pre-, syn, and post-collision associations of the Gurupi Belt, Brazil: Insights on the Rhyacian crustal evolution. <i>Geoscience Frontiers</i> , 2021, , 101199.	4.3	2
1662	Submarine basaltic eruptions across the Guadalupian-Lopingian transition in the Emeishan large igneous province: Implication for end-Guadalupian extinction of marine biota. <i>Gondwana Research</i> , 2021, 92, 228-238.	3.0	16
1663	New constraints on the source of the Late Jurassic granodiorites from Gutian porphyry Cuâ€Mo deposit in the southeast coastal area, South China. <i>Ore Geology Reviews</i> , 2021, 131, 104031.	1.1	2
1664	A revised interpretation of the Chon Aike magmatic province: Active margin origin and implications for the opening of the Weddell Sea. <i>Lithos</i> , 2021, 386-387, 106013.	0.6	16
1665	Geology, petrogenesis, and geochronology of the Rio Salitre Complex: Implications for the Paleoproterozoic evolution of the northern SÃ£o Francisco Craton, Brazil. <i>Journal of South American Earth Sciences</i> , 2021, 107, 103112.	0.6	3
1666	Effects of contamination on whole-rock isochrons in ancient rocks: A numerical modelling approach. <i>Lithos</i> , 2021, 386-387, 106040.	0.6	3
1667	Geochronology and geochemistry data for the Elbrus, Tyrnyauz, and Chegem magmatic centers, Greater Caucasus, Russia. <i>Data in Brief</i> , 2021, 35, 106896.	0.5	2
1668	A petrochronology window into near-surface fluid/rock interaction within Archaean ultramafic-mafic crust: Insights from the 3.25Ga Stolzberg Complex, Barberton Greenstone Belt. <i>Chemical Geology</i> , 2021, 569, 120130.	1.4	6
1669	A Preliminary Framework for Magmatism in Modern Continental Backâ€Arc Basins and Its Application to the Triassicâ€Jurassic Tectonic Evolution of the Caucasus. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009490.	1.0	6

#	ARTICLE	IF	CITATIONS
1670	Timing of formation and tectonic setting of Paleozoic granitoids in the eastern Mongolâ€“Okhotsk Belt: Constraints from geochemical, U Pb, and Hf isotope data. <i>Lithos</i> , 2021, 388-389, 106086.	0.6	8
1671	Detrital zircon record of Phanerozoic magmatism in the southern Central Andes. , 2021, 17, 876-897.		17
1672	Texture, geochemistry and geochronology of titanite and pyrite: Fingerprint of magmatic-hydrothermal fertile fluids in the Jiaodong Au province. <i>American Mineralogist</i> , 2021, , .	0.9	6
1673	The Age and Sources of Protoliths of Metasedimentary Rocks in the Eastern Tukuringra Terrane of the Mongolâ€“Okhotsk Fold Belt: Results of Uâ€“Thâ€“Pb, Luâ€“Hf, and Smâ€“Nd Isotope Studies. <i>Russian Journal of Pacific Geology</i> , 2021, 15, 188-198.	0.1	2
1674	The birth of the Alps: Ediacaran to Paleozoic accretionary processes and crustal growth along the northern Gondwana margin. <i>International Journal of Earth Sciences</i> , 2021, 110, 1321-1348.	0.9	19
1675	The formation of Neoproterozoic continental crust in the south-east Superior Craton by two distinct geodynamic processes. <i>Precambrian Research</i> , 2021, 356, 106104.	1.2	47
1676	Syn-collisional detrital zircon source evolution in the northern Moroccan Variscides. <i>Gondwana Research</i> , 2021, 93, 73-88.	3.0	11
1677	Origin and tectonic implications of the early Middle Triassic tuffs in the western Yangtze Craton: Insight into whole-rock geochemical and zircon U-Pb and Hf isotopic signatures. <i>Gondwana Research</i> , 2021, 93, 142-161.	3.0	11
1678	Proterozoic crust in East Antarctica: Extension from Enderby Land into Kemp Land. <i>Gondwana Research</i> , 2021, 93, 227-241.	3.0	8
1679	Earth and Mars â€“ Distinct inner solar system products. <i>Chemie Der Erde</i> , 2021, 81, 125746.	0.8	13
1680	Sheared Peridotite and Megacryst Formation Beneath the Kaapvaal Craton: a Snapshot of Tectonomagmatic Processes across the Lithosphereâ€“Asthenosphere Transition. <i>Journal of Petrology</i> , 2021, 62, .	1.1	27
1681	Age, genesis, and tectonic setting of the Qiyushuan Cuâ€“Mo deposit in East Qinling (Central China): Constraints from Srâ€“Ndâ€“Hf isotopes, zircon Uâ€“Pb and molybdenite Reâ€“Os dating. <i>Ore Geology Reviews</i> , 2021, 132, 103998.	1.1	11
1682	Changes in sedimentary provenance and climate off the coast of Northeast Brazil since the Last Interglacial. <i>Marine Geology</i> , 2021, 435, 106454.	0.9	8
1683	In-situ scheelite LASS-ICPMS reconnaissance Sm-Nd isotope characterisation and prospects for dating. <i>Journal of Geochemical Exploration</i> , 2021, 224, 106760.	1.5	7
1684	The Congo deep-sea fan: Mineralogical, REE, and Nd-isotope variability in quartzose passive-margin sand. <i>Journal of Sedimentary Research</i> , 2021, 91, 433-450.	0.8	10
1685	Mesoarchean migmatites of the CarajÃ¡s Province: From intra-arc melting to collision. <i>Lithos</i> , 2021, 388-389, 106078.	0.6	5
1686	Zircon U-Pb geochronology and Lu-Hf isotope systematics of the Araguaia Belt basement Rocks: Evidence of links with the southeastern Amazonian Craton, Brazil. <i>Precambrian Research</i> , 2021, 356, 106090.	1.2	5
1687	Experimental investigation into the disturbance of the Sm-Nd isotopic system during metasomatic alteration of apatite. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 330, 191-208.	1.6	11

#	ARTICLE	IF	CITATIONS
1688	Petrological and Lu-Hf age constraints for eclogitic rocks from the Pam Peninsula, New Caledonia. <i>Lithos</i> , 2021, 388-389, 106073.	0.6	1
1689	3.51 Ga old felsic volcanic rocks and carbonaceous cherts from the Gorumahisani Greenstone Belt - Insights into the Palaeoarchaeon record of the Singhbhum Craton, India. <i>Precambrian Research</i> , 2021, 357, 106109.	1.2	22
1690	Middle-late Permian mantle plume/hotspot-ridge interaction in the Sumdo Paleo-Tethys Ocean region, Tibet: Evidence from mafic rocks. <i>Lithos</i> , 2021, 390-391, 106128.	0.6	2
1691	Neoproterozoic stratigraphy of the Southwestern Basement Province, Svalbard (Norway): Constraints on the Proterozoic-Paleozoic evolution of the North Atlantic-Arctic Caledonides. <i>Precambrian Research</i> , 2021, 358, 106138.	1.2	12
1692	Pre-Mississippian Stratigraphic Architecture of the Porcupine Shear Zone, Yukon and Alaska, and Significance in the Evolution of Northern Laurentia. <i>Lithosphere</i> , 2021, 2021, .	0.6	2
1693	New geochemical, U-Pb SIMS geochronology and Lu-Hf isotopic data in zircon from Tandilia basement rocks, Río de la Plata craton, Argentina: Evidence of a sanukitoid precursor for some Paleoproterozoic granitoids. <i>Journal of South American Earth Sciences</i> , 2021, 108, 103199.	0.6	12
1694	Chronostratigraphic correlation of the volcanic 1.21 Ga Barby and Haiber Flats Formations in the Sinclair Supergroup of Namibia. <i>Journal of African Earth Sciences</i> , 2021, 178, 104180.	0.9	2
1695	Early Paleozoic tectono-magmatic evolution in the South Altun orogenic belt, northwest China: Insights from zircon U-Pb geochronology, Hf isotope and geochemistry of the granitoids. <i>International Geology Review</i> , 0, , 1-17.	1.1	0
1696	Multi-stage garnet formation and destruction in Kimberley harzburgitic xenoliths, South Africa. <i>Lithos</i> , 2021, 390-391, 106119.	0.6	5
1697	Episodic Archean crustal accretion in the North China Craton: Insights from integrated zircon U-Pb-Hf-O isotopes of the Southern Jilin Complex, northeast China. <i>Precambrian Research</i> , 2021, 358, 106150.	1.2	8
1698	Insight into Archean crustal growth and mantle evolution from multi-isotope U-Pb and Lu-Hf analysis of detrital zircon grains from the Abitibi and Pontiac subprovinces, Canada. <i>Precambrian Research</i> , 2021, 357, 106136.	1.2	10
1699	Constraints on the age and geodynamic setting of the iron formations and anhydrite Fe-(Ba) deposits in the Bulunkuoile Group of the Taxkorgan area, NW China. <i>Ore Geology Reviews</i> , 2021, 133, 104121.	1.1	2
1700	Tungsten-182 evidence for an ancient kimberlite source. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
1701	Decoupling of Hf-Nd Isotopes in Challenger Deep Sediments, Mariana Trench: Implications for Sedimentary Hf and Nd Recycling in Subduction Zones. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021641.	1.4	2
1702	Crustal rejuvenation stabilised Earth's first cratons. <i>Nature Communications</i> , 2021, 12, 3535.	5.8	45
1703	Drake Passage gateway opening and Antarctic Circumpolar Current onset 31 Ma ago: The message of foraminifera and reconsideration of the Neodymium isotope record. <i>Chemical Geology</i> , 2021, 570, 120171.	1.4	8
1704	Early Permian continental arc magmatism in the Zhaojinggou area of the northern North China Craton: Implications for crust-mantle interactions during southward Paleo-Asian plate subduction. <i>Lithos</i> , 2021, 390-391, 106110.	0.6	4
1705	The detrital zircon U-Pb-Hf isotopes of the Triassic sediments in northern Pakistan: Implications for crustal evolution of the NW Indian continent. <i>Precambrian Research</i> , 2021, 357, 106146.	1.2	3

#	ARTICLE	IF	CITATIONS
1706	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
1707	Evidence for crustal removal, tectonic erosion and flare-ups from the Japanese evolving forearc sediment provenance. <i>Earth and Planetary Science Letters</i> , 2021, 564, 116893.	1.8	28
1708	Age disequilibrium between zircon and their granitoid hosts caused by intracrustal reworking: Nd-Hf-Ar isotope evidence of Archaean Granitoids from Barberton Mountain Land (Kaapvaal craton), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	1
1709	Isotopic evolution of prehistoric magma sources of Mt. Etna, Sicily: Insights from the Valle Del Bove. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	1
1710	Co-variations of climate and silicate weathering in the Nile Basin during the Late Pleistocene. <i>Quaternary Science Reviews</i> , 2021, 264, 107012.	1.4	10
1711	Hf <sup>ε</sup> -Nd <sup>ε</sup> -Sr Isotopic Composition of the Tibetan Plateau Dust as a Fingerprint for Regional to Hemispherical Transport. <i>Environmental Science &amp; Technology</i> , 2021, 55, 10121-10132.	4.6	21
1712	Residual liquid from deep magma ocean crystallization in the source of komatiites from the ICDP drill core in the Barberton Greenstone Belt. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 304, 141-159.	1.6	12
1713	Petrogenesis and Tectonic Implications of the Latest Cretaceous Intrusive Rocks from the Eastern Gangdese Belt, Southeast Tibet. <i>Acta Geologica Sinica</i> , 2022, 96, 891-903.	0.8	4
1714	Tectonic Growth of the Late Paleozoic-Middle Mesozoic Northwestern Margin of Laurentia and Implications for the Farewell Terrane: Stratigraphic, Structural, and Provenance Records From the Central Alaska Range. <i>Tectonics</i> , 2021, 40, e2021TC006764.	1.3	4
1715	Geochronology and geochemistry of the Bashikaogong S-type granitic rocks: a record of Early Paleozoic subduction and collision in North Altun, Northwestern China. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	0
1716	Geochronology, geochemistry, and isotope compositions of <sup>ε</sup> Grenvillian S-type granites in the North Qinling unit, central China: Petrogenesis and tectonic significance. <i>Precambrian Research</i> , 2021, 360, 106247.	1.2	6
1717	The effects of Antarctic alteration and sample heterogeneity on Sm-Nd and Lu-Hf systematics in H chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 305, 106-129.	1.6	7
1718	The spatial and temporal evolution of primitive melt compositions within the Lac de Gras kimberlite field, Canada: Source evolution vs lithospheric mantle assimilation. <i>Lithos</i> , 2021, 392-393, 106142.	0.6	17
1719	Permo-Carboniferous crustal accretion in the northern Beishan Orogen, Inner Mongolia: Constraints from Sr <sup>ε</sup> -Nd <sup>ε</sup> -Hf isotopes and zircon U <sup>ε</sup> -Pb geochronology of diorites and granitoids. <i>Geological Journal</i> , 2021, 56, 4976-5007.	0.6	1
1720	Petrology, geochemistry, and zircon U <sup>ε</sup> -Pb <sup>ε</sup> -Lu <sup>ε</sup> -Hf isotopes of granitoids from the Ivindo Basement Complex of the SouankÃ© Area, Republic of Congo: Insights into the evolution of Archean continental crust. <i>Geological Journal</i> , 2021, 56, 4861-4887.	0.6	11
1721	Zircon Hf isotope constraints on the formation of metallic mineral deposits in Thailand. <i>Resource Geology</i> , 2021, 71, 436-469.	0.3	3
1722	Tectonic evolution of an Early Cryogenian late- magmatic basin in central Madagascar. <i>Journal of African Earth Sciences</i> , 2021, 179, 104205.	0.9	2
1723	Chicheng high-pressure granulites record the paleoproterozoic tectonic evolution in the northern North China Craton. <i>Precambrian Research</i> , 2021, 359, 106213.	1.2	7

#	ARTICLE	IF	CITATIONS
1724	Mineralization age, tectonic setting and ore genesis of the Wuxing Pt-Pd-rich magmatic Cu-Ni sulfide deposit, Northeast China. <i>Ore Geology Reviews</i> , 2021, 134, 104189.	1.1	2
1725	Evolution of ultrapotassic volcanism on the Kaapvaal craton: deepening the orangeite versus lamproite debate. <i>Geological Society Special Publication</i> , 2022, 513, 17-44.	0.8	16
1726	The largest plagiogranite on Earth formed by re-melting of juvenile proto-continental crust. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	17
1727	Reconstruction of the exhumation history of the eastern Nepal Himalaya based on provenance changes. <i>Sedimentary Geology</i> , 2021, 420, 105920.	1.0	2
1728	Evidence from achondrites for a temporal change in Nd nucleosynthetic anomalies within the first 1.5 million years of the inner solar system formation. <i>Earth and Planetary Science Letters</i> , 2021, 566, 116968.	1.8	12
1729	Over one billion years of Archean crust evolution revealed by zircon U-Pb and Hf isotopes from the Saglek-Hebron complex. <i>Precambrian Research</i> , 2021, 359, 106092.	1.2	11
1730	Siderian to Rhyacian evolution of the Juiz de Fora Complex: Arc fingerprints and correlations within the Minas-Bahia Orogen and the Western Central Africa Belt. <i>Precambrian Research</i> , 2021, 359, 106118.	1.2	11
1731	Archean to Proterozoic (3535-900 Ma) crustal evolution of the central Aravalli Banded Gneissic Complex, NW India: New constraints from zircon U-Pb-Hf isotopes and geochemistry. <i>Precambrian Research</i> , 2021, 359, 106179.	1.2	16
1732	Hydrous Juvenile Lower Crust at the Western Yangtze Craton Margin as the Main Source of the Beiya Porphyry-Skarn Au Deposit. <i>Acta Geologica Sinica</i> , 2022, 96, 972-992.	0.8	3
1733	Geology, geochronology and tectonic setting of the Chaihulanzi gold deposit in Inner Mongolia, China. <i>Ore Geology Reviews</i> , 2021, 134, 104152.	1.1	5
1734	Zircon U-Pb-Hf snapshots on the crustal evolution of the Serbo-Macedonian massif: new insights from Ammouliani island (Northern Greece). <i>Geological Magazine</i> , 0, , 1-8.	0.9	0
1735	The cause for Nuna breakup in the Early to Middle Mesoproterozoic. <i>Precambrian Research</i> , 2021, 362, 106287.	1.2	6
1736	Geochronology and geochemistry of a newly identified Permian hornblende gabbro suite in Aqishan-Yamansu Belt, eastern Tianshan, NW China: Implications on petrogenesis and tectonic setting. <i>Geological Journal</i> , 2021, 56, 5506-5530.	0.6	2
1737	Transcurrent displacement of the Cadomian magmatic arc. <i>Precambrian Research</i> , 2021, 361, 106251.	1.2	7
1738	The Silurian to Devonian magmatic evolution of the Eastern Tianshan Terrane: New insights from geochemistry, geochronology, and Sr-Nd-Hf isotopes of new-discovered Sidingheishan porphyry Cu-Mo deposit, NW China. <i>Ore Geology Reviews</i> , 2021, 135, 104228.	1.1	3
1739	Chemical-abrasion U-Pb zircon geochronology reveals 150 Myr of partial melting events in the Archean crust of the São Francisco Craton. <i>Geoscience Frontiers</i> , 2022, 13, 101289.	4.3	2
1740	Late Ordovician fore-arc ophiolitic mélange in the southern margin of the Bainaimiao arc: constraints from zircon U-Pb-Hf isotopes and geochemical analyses. <i>Geological Magazine</i> , 2021, 158, 2042-2062.	0.9	9
1741	Mantle-like Hf Nd isotope signatures in ~3.5 Ga greenstones: No evidence for Hadean crust beneath the East Pilbara Craton. <i>Chemical Geology</i> , 2021, 576, 120273.	1.4	8

#	ARTICLE	IF	CITATIONS
1742	Detrital zircon U-Pb and Hf constraints on provenance and timing of deposition of the Mesoproterozoic to Cambrian sedimentary cover of the East European Craton, part II: Ukraine. <i>Precambrian Research</i> , 2021, 362, 106282.	1.2	20
1743	U-Pb geochronology, geochemistry, and isotopic composition of granitoids across the Nolan-Zemlak domain boundary in the SW Rae craton, Laurentia: Evidence for a late Neoproterozoic suture reworked during Arrowsmith orogeny. <i>Precambrian Research</i> , 2021, 362, 106303.	1.2	3
1744	Early hydrosphere-rock interactions and intra-crustal recycling recorded by remarkably high- $\delta^{18}\text{O}$ Mesoproterozoic granitoids in the Sulu orogenic belt, eastern China. <i>Precambrian Research</i> , 2021, 362, 106311.	1.2	2
1745	Tracing the Sveconorwegian orogen into the Caledonides of West Norway: Geochronological and isotopic studies on magmatism and migmatization. <i>Precambrian Research</i> , 2021, 362, 106301.	1.2	7
1746	U-Pb-Hf isotopic systematics of zircons from granites and metasediments of southern Ouaddaï (Chad), implications for crustal evolution and provenance in the Central Africa Orogenic Belt. <i>Precambrian Research</i> , 2021, 361, 106233.	1.2	10
1747	A multi-proxy study of the Cerro Piche Graben - A Lower Jurassic basin in the central North Patagonian Massif, Argentina. <i>Journal of South American Earth Sciences</i> , 2021, 109, 103287.	0.6	2
1748	Linking Gold Systems to the Crust-Mantle Evolution of Archean Crust in Central Brazil. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 944.	0.8	3
1749	On the petrogenesis of Paleoproterozoic continental crust: U-Pb-Hf isotope and major-trace element constraints from the Bastar Craton, India. <i>Chemical Geology</i> , 2021, 579, 120337.	1.4	10
1750	Geochronology and petrogenesis of Eocene gabbros and granitic rocks of the eastern Gangdese belt, southern Tibet: Implications for the timing of India-Asia collision. <i>Gondwana Research</i> , 2021, 97, 145-157.	3.0	7
1751	Evidence for extreme Sm Nd fractionation during chemical weathering. <i>Chemical Geology</i> , 2021, 577, 120284.	1.4	0
1752	Topographic growth of the northeastern Tibetan Plateau during the middle-late Miocene: Insights from integrated provenance analysis in the NE Qaidam Basin. <i>Basin Research</i> , 2021, 33, 3212-3230.	1.3	9
1753	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
1754	A geochemical study of the Crown Formation and Bird Member lavas of the Mesoproterozoic Witwatersrand Supergroup, South Africa. <i>South African Journal of Geology</i> , 2021, 124, 663-684.	0.6	1
1755	Origin of arc-like intraplate volcanism by melting of lithospheric mantle pyroxenite of the South China continental margin. <i>Lithos</i> , 2021, 396-397, 106236.	0.6	5
1756	Early Svecofennian rift-related magmatism: Geochemistry, U-Pb-Hf zircon isotope data and tectonic setting of the Au-hosting Uunimäki gabbro, SW Finland. <i>Precambrian Research</i> , 2021, 364, 106364.	1.2	3
1757	Hf-Nd isotopes from ultramafic and mafic rocks in the western Dharwar Craton, India, record early Archean mantle heterogeneity. <i>Lithos</i> , 2021, 404-405, 106491.	0.6	4
1758	Combined Sm-Nd, Lu-Hf, and $^{142}\text{Nd}$ study of Paleoproterozoic basalts from the East Pilbara Terrane, Western Australia. <i>Chemical Geology</i> , 2021, 578, 120301.	1.4	14
1759	Variable refractory lithophile element compositions of planetary building blocks: Insights from components of enstatite chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 308, 173-187.	1.6	4

#	ARTICLE	IF	CITATIONS
1760	Late Paleozoic tectonic transition in East Junggar, NW China: Insights from I- and A-type granitic magmatism in the Karamaili region. <i>Lithos</i> , 2021, 404-405, 106481.	0.6	4
1761	Zircon geochronology and geochemistry of pre-Bushveld sills in the eastern Transvaal Supergroup, South Africa. <i>South African Journal of Geology</i> , 2022, 125, 27-44.	0.6	2
1762	Petrogenesis of biotite granite with transitional I-A-type affinities: Implications for continental crust generation. <i>Lithos</i> , 2021, 396-397, 106199.	0.6	5
1763	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
1764	The Late Triassic-Jurassic magmatic belt and its implications for the double subduction of the Neo-Tethys Ocean in the southern Lhasa subterrane, Tibet. <i>Gondwana Research</i> , 2021, 97, 1-21.	3.0	6
1765	Episodic growth of felsic continents in the past 3.7 Ga. <i>Science Advances</i> , 2021, 7, eabj1807.	4.7	17
1766	Combining detrital zircon shape and Uâ€“Pbâ€“Hf isotope analyses for provenance studies â€“ An example from the Aquiri region, Amazon Craton, Brazil. <i>Precambrian Research</i> , 2021, 364, 106343.	1.2	10
1767	A Pilbara perspective on the generation of Archaean continental crust. <i>Chemical Geology</i> , 2021, 578, 120326.	1.4	11
1768	TIME CONSTRAINTS ON THE FORMATION OF THE KANDALAKSHA AND KERETSK GRABENS OF THE WHITE SEA PALEO-RIFT SYSTEM FROM NEW ISOTOPIC GEOCHRONOLOGICAL DATA. <i>Geodinamika I Tektonofizika</i> , 2021, 12, 570-607.	0.3	3
1769	Extent and age of Mesoarchean components in the Nagssugtoqidian orogen, West Greenland: Implications for tectonic environments and crust building in cratonic orogenic belts. <i>Lithos</i> , 2021, 396-397, 106182.	0.6	5
1770	The Kyrenia Terrane (Northern Cyprus): Detrital Zircon Evidence for Exotic Elements in the Southern Neotethys. <i>Tectonics</i> , 2021, 40, e2021TC006763.	1.3	3
1771	Derivation of Hawaiian rejuvenated magmas from deep carbonated mantle sources: A review of experimental and natural constraints. <i>Earth-Science Reviews</i> , 2021, 222, 103819.	4.0	4
1772	Hf isotopic constraints and detrital zircon ages for the Austroalpine basement evolution of Eastern Alps: Review and new data. <i>Earth-Science Reviews</i> , 2021, 221, 103772.	4.0	7
1773	Early Neoproterozoic tectonic evolution of northern Yangtze Block: Insights from sedimentary sequences from the Dahongshan area. <i>Precambrian Research</i> , 2021, 365, 106382.	1.2	7
1774	Zircon U-Pb and Lu-Hf isotopes and geochemistry of granitoids in central Tibet: Bringing the missing Early Jurassic subduction events to light. <i>Gondwana Research</i> , 2021, 98, 125-146.	3.0	6
1775	Linking ocean subduction with early Paleozoic intracontinental orogeny in South China: Insights from the Xiaying complex in eastern Guangxi Province. <i>Lithos</i> , 2021, 398-399, 106258.	0.6	4
1776	Siderian mafic-intermediate magmatism in the SW Yangtze Block, South China: Implications for global â€“tectono-magmatic lullâ€™ during the early Paleoproterozoic. <i>Lithos</i> , 2021, 398-399, 106306.	0.6	4
1777	A plume - mantle interaction model for the petrogenesis of komatiite - komatiitic basalt - basalt - basaltic andesite volcanism from the Paleoarchean (3.57â€“3.31â€“Ga) Iron Ore Group greenstone belts, Singhbhum craton, India: Constraints from trace element geochemistry and Sm Nd geochronology. <i>Lithos</i> , 2021, 398-399, 106315.	0.6	9

#	ARTICLE	IF	CITATIONS
1778	Zircon Hf O isotope and magma oxidation state evidence for the origin of Early Cretaceous granitoids and porphyry Mo mineralization in the Tongbai-Hong'an-Dabie orogens, Eastern China. <i>Lithos</i> , 2021, 398-399, 106281.	0.6	5
1779	Middle-Late Triassic metamorphism of the Guajira Arch-basement: Insights from zircon U-Pb and Lu-Hf systematics. <i>Journal of South American Earth Sciences</i> , 2021, 110, 103397.	0.6	6
1780	The coupled Hf-Nd isotope record of the early Earth in the Pilbara Craton. <i>Earth and Planetary Science Letters</i> , 2021, 572, 117139.	1.8	19
1781	Petrogenesis of Early Paleozoic I-type granitoids in the Wuyi-Yunkai Orogen, South China: Implications for the tectono-magmatic evolution of the Cathaysia Block. <i>Journal of Asian Earth Sciences</i> , 2021, 220, 104906.	1.0	10
1782	Combined Hf and Nd isotope microanalysis of co-existing zircon and REE-rich accessory minerals: High resolution insights into crustal processes. <i>Chemical Geology</i> , 2021, 581, 120393.	1.4	19
1783	Continental crust growth during the evolution of accretionary orogens: insights from the early Paleozoic granitoids in the Western Kunlun orogen, Northwest China. <i>Lithos</i> , 2021, 398-399, 106253.	0.6	4
1784	Reliability of detrital marine sediments as proxy for continental crust composition: The effects of hydrodynamic sorting on Ti and Zr isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 310, 221-239.	1.6	26
1785	Volcanological evolution of Montagne Pelée (Martinique): A textbook case of alternating Plinian and dome-forming eruptions. <i>Earth-Science Reviews</i> , 2021, 221, 103754.	4.0	8
1786	Tracing the origin of zircon megacrysts in Triassic sediments of northeastern Siberian craton with implications to diamond paucity of craton-edge subcontinental lithospheric mantle. <i>Lithos</i> , 2021, 400-401, 106376.	0.6	2
1787	High-precision Pb and Hf isotope and highly siderophile element abundance systematics of high-MgO Icelandic lavas. <i>Chemical Geology</i> , 2021, 582, 120436.	1.4	4
1788	Geochemistry, U Pb geochronology, and Sr-Nd-Hf isotope systematics of a SW-NE transect in the southern Peninsular Ranges batholith, Mexico: Cretaceous magmatism developed on a juvenile island-arc crust. <i>Lithos</i> , 2021, 400-401, 106375.	0.6	4
1789	Petrogenesis of Neoproterozoic (2.80-2.75 Ga) Jagannathpur volcanics and the Ghatgaon and Keshargaria dyke swarms, Singhbhum craton, eastern India: Geochemical, Sr Nd isotopic and Sm Nd geochronologic constraints for interaction of enriched-DMM derived magma with metasomatised subcontinental lithospheric mantle. <i>Lithos</i> , 2021, 400-401, 106373.	0.6	7
1790	Crustal architecture of the southern Tongbai orogen, central China: Insight from migmatites and post-collisional granites. <i>Lithos</i> , 2021, 404-405, 106439.	0.6	2
1791	Isotopic modelling of Archean crustal evolution from comagmatic zircon-apatite pairs. <i>Earth and Planetary Science Letters</i> , 2021, 575, 117194.	1.8	6
1792	Depositional age and provenance of high-grade paragneisses from the Orinda Andes, Venezuela: Implications for the Ediacaran-Cambrian tectonic setting of northwestern Gondwana. <i>Lithos</i> , 2021, 404-405, 106436.	0.6	1
1793	Late Paleozoic subduction-related magmatism in NE China and its implication: Insights from intrusions in the Handagai Fe Cu deposit. <i>Lithos</i> , 2021, 404-405, 106482.	0.6	0
1794	Exploring volcanic-intrusive connections and chemical differentiation of high silica magmas in the Early Cretaceous Yanbei caldera complex hosting a giant tin deposit, Southeast China. <i>Chemical Geology</i> , 2021, 584, 120501.	1.4	7
1795	Late Paleozoic-Early Mesozoic granitoids in the Khangay-Khentey basin, Central Mongolia: Implication for the tectonic evolution of the Mongol-Okhotsk Ocean margin. <i>Lithos</i> , 2021, 404-405, 106455.	0.6	9

#	ARTICLE	IF	CITATIONS
1796	Reheating and Magma Mixing Recorded by Zircon and Quartz from High-Silica Rhyolite in the Coqen Region, Southern Tibet. <i>American Mineralogist</i> , 2021, 106, 112-122.	0.9	7
1797	Lithopetrographic and geochemical features of the Saalian tills in the Szczerców outcrop (Poland) in various deformation settings. <i>Open Geosciences</i> , 2021, 13, 001-015.	0.6	0
1798	Geochronology and Radiogenic Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 571-586.	0.1	1
1799	Nd-Hf Isotope Systematics of Megacrysts from the Mbuji-Mayi Kimberlites, D. R. Congo: Evidence for a Metasomatic Origin Related to Kimberlite Interaction with the Cratonic Lithospheric Mantle. , 2013, , 123-136.		4
1800	Lu-Hf Dating: The Lu-Hf Isotope System. <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 379-390.	0.1	10
1801	Geochronology, geochemistry, and Sr-Nd-Pb-Hf isotopes of the Zhunsujihua granitoid intrusions associated with the molybdenum deposit, northern Inner Mongolia, China: implications for petrogenesis and tectonic setting. <i>International Journal of Earth Sciences</i> , 2018, 107, 687-710.	0.9	10
1802	Solar system Nd isotope heterogeneity: Insights into nucleosynthetic components and protoplanetary disk evolution. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 281, 135-148.	1.6	16
1803	New constraints on the Hadean to Proterozoic history of the Jack Hills belt, Western Australia. <i>Gondwana Research</i> , 2018, 55, 74-91.	3.0	28
1804	Ages and petrogenesis of the late Triassic andesitic rocks at the Luerma porphyry Cu deposit, western Gangdese, and implications for regional metallogeny. <i>Gondwana Research</i> , 2020, 85, 103-123.	3.0	22
1805	Generation of post-collisional normal calc-alkaline and adakitic granites in the Tongbai orogen, central China. <i>Lithos</i> , 2018, 296-299, 513-531.	0.6	26
1806	Mesoarchean geodynamic regime evidenced from diverse granitoid rocks in the Anshan-Benxi area of the North China Craton. <i>Lithos</i> , 2020, 366-367, 105574.	0.6	12
1807	Genesis of Cretaceous igneous rocks and its related large scale porphyry Cu-Au mineralization in Chating, the Middle-Lower Yangtze River Metallogenic Belt: The geochemical constrains. <i>Ore Geology Reviews</i> , 2020, 127, 103793.	1.1	8
1808	Melting controls on the lutetium-hafnium evolution of Archaean crust. <i>Precambrian Research</i> , 2018, 305, 479-488.	1.2	35
1809	U-Pb ages of detrital zircon grains for the Canastra Group and Passos Nappe units and U-Pb and Lu-Hf isotope analyses from orthogneisses: Provenance and tectonic implications, southern Brasília Belt, Brazil. <i>Precambrian Research</i> , 2020, 346, 105771.	1.2	5
1810	Subduction erosion and arc volcanism. <i>Nature Reviews Earth &amp; Environment</i> , 2020, 1, 574-589.	12.2	64
1811	Remnants of early Earth differentiation in the deepest mantle-derived lavas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	33
1812	Isotopic and Trace Element Geochemistry of the Kiglapait Intrusion, Labrador: Deciphering the Mantle Source, Crustal Contributions and Processes Preserved in Mafic Layered Intrusions. <i>Journal of Petrology</i> , 2019, 60, 553-590.	1.1	11
1813	Detrital zircon U-Pb geochronological and Hf isotopic constraints on the geological evolution of North Yukon. , 2019, , 397-437.		6

#	ARTICLE	IF	CITATIONS
1814	Pre-Mississippian stratigraphy and provenance of the North Slope subterranean of Arctic Alaska I: Platformal carbonate rocks of the northeastern Brooks Range and their significance in circum-Arctic evolution. , 2019, , 493-524.		9
1815	Petrogenesis of the crystalline basement along the western Gulf of Mexico: Postcollisional magmatism during the formation of Pangea. , 2021, , 29-52.		13
1816	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
1817	Evolution of the Jura-Cretaceous North American Cordilleran margin: Insights from detrital-zircon U-Pb and Hf isotopes of sedimentary units of the North Cascades Range, Washington. , 2017, 13, 2094-2118.		20
1818	Detrital zircons and sediment dispersal in the Appalachian foreland. , 2017, 13, 2206-2230.		65
1819	500–490 Ma detrital zircons in Upper Cambrian Worm Creek and correlative sandstones, Idaho, Montana, and Wyoming: Magmatism and tectonism within the passive margin. Lithosphere, 2017, 9, 910-926.	0.6	28
1820	Provenance of Upper Jurassic to Lower Cretaceous synrift strata in the Terra Nova oil field, Jeanne d'Arc basin, offshore Newfoundland: A new detrital zircon U-Pb-Hf reference frame for the Atlantic Canadian margin. AAPG Bulletin, 2020, 104, 2325-2349.	0.7	5
1821	Geochronology, trace elements and Hf isotopic geochemistry of zircons from Swat orthogneisses, Northern Pakistan. Open Geosciences, 2020, 12, 148-162.	0.6	5
1822	Petrological and Geochemical Characteristics and Age of the Rocks of the Yllymakh Massif (Aldan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	4
1823	GEOLOGY AND GEOCHEMISTRY CONSTRAINTS ON THE GENESIS OF THE NO.2 PORPHYRY COPPER-GOLD DEPOSIT IN THE XIONGCUN DISTRICT, GANGDESE PORPHYRY COPPER BELT, TIBET, CHINA. Applied Ecology and Environmental Research, 2017, 15, 477-508.	0.2	13
1824	Pseudosection modeling and U-Pb geochronology on Piranga schists: role of Brasiliano Orogeny in the Southeastern Quadrilitero Ferrífero, Minas Gerais, Brazil. Brazilian Journal of Geology, 2019, 49, .	0.3	2
1825	New U-Pb (SHRIMP) and first Hf isotope constraints on the Tonian (1000-920 Ma) Cariris Velhos event, Borborema Province, NE Brazil. Brazilian Journal of Geology, 2020, 50, .	0.3	14
1826	Temporal and Hf isotope geochemical evolution of southern Finnish Lapland from 2.77 Ga to 1.76 Ga. Bulletin of the Geological Society of Finland, 2012, 84, 121-140.	0.2	17
1827	The age and origin of the Vaasa migmatite complex revisited. Bulletin of the Geological Society of Finland, 2014, 86, 41-55.	0.2	6
1828	Nuevas evidencias que soportan la escisión de la formación Silgar y propuesta de un nuevo marco estratigráfico para el basamento metamórfico del Macizo de Santander (Cordillera Oriental de) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		
1829	Geochemistry, zircon U-Pb geochronology and Hf isotopic characteristics for syenogranite and diorite from the western segment of North Altyn. Acta Petrologica Sinica, 2019, 35, 541-557.	0.3	7
1830	Geochronology and geochemistry of the Paleoproterozoic granites from the Helanshan region: Constrains on the formation and evolution of khodalite belt in the western North China Craton. Acta Petrologica Sinica, 2019, 35, 2325-2343.	0.3	8
1831	Contrasting migmatites in the southern Chinese Central Tianshan: Petrogenesis and geological implications. Acta Petrologica Sinica, 2019, 35, 3233-3261.	0.3	8

#	ARTICLE	IF	CITATIONS
1832	Geochronology and petrogenesis of highly fractionated Early Cretaceous granite in Baingoin area, Tibet. <i>Acta Petrologica Sinica</i> , 2020, 36, 409-425.	0.3	4
1833	Detrital zircon U-Pb-Hf isotope studies for the Paleozoic sandstones from the Baoshan Block, western Yunnan, and their constraints on the Gondwana continental reconstruction. <i>Acta Petrologica Sinica</i> , 2020, 36, 469-483.	0.3	8
1834	Characteristics of the lithospheric mantle revealed by peridotite xenoliths from Changbaishan volcanic rocks. <i>Acta Petrologica Sinica</i> , 2020, 36, 2047-2066.	0.3	3
1835	Nucleosynthetic isotope anomalies and their cosmochemical significance. <i>Geochemical Journal</i> , 2016, 50, 43-65.	0.5	33
1836	Petrogenesis and tectonic setting of the Wulong two-mica monzogranite on Liaodong Peninsula, NE China: Constraints from zircon U-Pb and Hf-O isotopic data. <i>Geochemical Journal</i> , 2019, 53, 261-279.	0.5	7
1837	U-Pb geochronology, whole-rock geochemical and Sr-Nd-Pb-Hf isotopic compositions: Constraints on the origin and geodynamic setting of Neoproterozoic granitoids from the South Altyn Terrane, Tibetan Plateau. <i>Geochemical Journal</i> , 2019, 53, 379-406.	0.5	1
1838	Spatial variation of Sr-Nd-Hf isotopic compositions in from Cretaceous to Paleogene granitoids from Northeastern Japan Arc. <i>Ganseki Kobutsu Kagaku</i> , 2015, 44, 91-111.	0.1	5
1839	Geochronology and Sr-Nd-Hf isotope constraints on the petrogenesis of teschenites from the type-locality in the Outer Western Carpathians. <i>Geologica Carpathica</i> , 2019, 70, 222-240.	0.2	6
1840	Preferential Riverine Export of Fine Volcanogenic Particles to the Southeast Australian Margin. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	8
1841	The Chemical Evolution from Older (323-318 Ma) towards Younger Highly Evolved Tin Granites (315-314 Ma) Sources and Metal Enrichment in Variscan Granites of the Western Erzgebirge (Central Tj ETQp. B 1 0.787314 rgB	0.1	1
1842	GeocronologÃa U-Pb e isÃ3topos de Hf-O en circones del batolito de la Costa Pensilvaniana, Chile.. <i>Andean Geology</i> , 2014, 41, .	0.2	28
1843	A database of marine and terrestrial radiogenic Nd and Sr isotopes for tracing earth-surface processes. <i>Earth System Science Data</i> , 2019, 11, 741-759.	3.7	21
1844	Reconstruction of Ocean Circulation Based on Neodymium Isotopic Composition: Potential Limitations and Application to the Mid-Pleistocene Transition. <i>Oceanography</i> , 2020, 33, .	0.5	5
1845	PALEOTECTONIC AND PALEO GEOGRAPHIC CONDITIONS FOR THE ACCUMULATION OF THE LOWER RIPHEAN AI FORMATION IN THE BASHKIR UPLIFT (SOUTHERN URALS): THE TERRANECHRONEÃ® DETRITAL ZIRCON STUDY. <i>Geodinamika I Tektonofizika</i> , 2018, 9, 1-37.	0.3	27
1846	Zircons from the Wambidgee Serpentinite Belt, southern Lachlan Orogen: evidence for oceanic crust at the Cambrian-Ordovician boundary. <i>Australian Journal of Earth Sciences</i> , 2022, 69, 406-418.	0.4	3
1847	Geochronology and geochemistry of Middle Permian tuff in Chaohu region, China: Implications for their origin and geological significance. <i>Solid Earth Sciences</i> , 2021, , .	0.8	1
1848	Metamorphism of the Sierra de Maz and implications for the tectonic evolution of the MARA terrane. , 2021, 17, 1786-1806.		5
1849	Decoupling between Oxygen and Radiogenic Isotopes: Evidence for Generation of Juvenile Continental Crust by Partial Melting of Subducted Oceanic Crust. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 1212-1225.	1.1	8

#	ARTICLE	IF	CITATIONS
1850	Enriched Hf Nd isotopic signature of veined pyroxenite-infiltrated peridotite as a possible source for E-MORB. <i>Chemical Geology</i> , 2021, 586, 120591.	1.4	7
1851	Cleaning up the record – revised U-Pb zircon ages and new Hf isotope data from southern Sweden. <i>Gff, O, , 1-32</i> .	0.4	2
1852	Petrogenesis of the Tampanchi Ultramafic–Mafic Complex (Ecuador): Geodynamic implications for the northwestern margin of South America during the late Cretaceous. <i>Gondwana Research</i> , 2021, , .	3.0	3
1853	Geochemical constraints on mantle source nature and recycling of subducted sediments in the Sulu Sea. <i>Geosystems and Geoenvironment</i> , 2022, 1, 100005.	1.7	12
1854	Mantle versus crustal contributions in crustal-scale magmatic systems (Sesia Magmatic System,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Petrology, 2021, 176, 1.	1.2	6
1855	Provenance and tectonic setting of the Sumdo Formation in the Lhasa Terrane, Tibet: Implications for early subduction evolution of the Sumdo Paleo–Tethys Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 584, 110712.	1.0	16
1856	Hf isotopic ratios in zircon reveal processes of anatexis and pluton construction. <i>Earth and Planetary Science Letters</i> , 2021, 576, 117215.	1.8	19
1858	Lu-Hf Isotopic Systematics and Its Applications for Geology. <i>The Journal of the Petrological Society of Korea</i> , 2014, 23, 229-237.	0.2	1
1859	Meteorites (Lu–Hf). <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 555-559.	0.1	0
1860	Sm–Nd Dating. <i>Encyclopedia of Earth Sciences Series</i> , 2015, , 768-780.	0.1	2
1861	The Effect of Eluent Concentration on the Separation of Nd with Ln-resin Method. <i>The Journal of the Petrological Society of Korea</i> , 2015, 24, 365-371.	0.2	1
1864	Geochronology and Radiogenic Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 1-17.	0.1	0
1865	The Bunder Diamond Project, India: Geology, Geochemistry, and Age of the Saptarshi Lamproite Pipes. , 2018, , 201-222.		1
1866	Neodymium Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 967-973.	0.1	1
1867	Hafnium Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 631-636.	0.1	0
1868	Time scale for the development of thickened crust in the Cretaceous North Cascades magmatic arc, Washington, and relationship to Cretaceous flare-up magmatism. <i>Lithosphere</i> , 0, , .	0.6	1
1869	Detrital zircon U-Pb and Hf isotopic study of the Yushulazi Formation in the Gaizhou-Zhuanghe area of the eastern Liaoning: Constraints on the crustal evolution of the North China Craton. <i>Acta Petrologica Sinica</i> , 2019, 35, 2407-2432.	0.3	2
1870	Zircon U-Pb geochronology, geochemistry and Sr-Nd-Hf isotopes of the Eocene alkali-rich magmatic rocks in the Jianchuan area of western Yunnan and their implications for petrogenesis. <i>Acta Petrologica Sinica</i> , 2019, 35, 849-866.	0.3	5



#	ARTICLE	IF	CITATIONS
1890	Magma sources and the Malyutka massive formation model (Khudolaz complex, Southern Urals): geological and geochemical features and Rb-Sr $\epsilon$ Sm-Nd isotope system. <i>Geologicheskii Vestnik</i> , 2020, 3, .	0.3	0
1891	Geology, geochronology Pb-Pb, U-Pb-Hf zircon and Sm-Nd TDM of the Uruburetama batholith, Northern Borborema Province: contextualization in the Santa Quit�ria Magmatic Arc. <i>Brazilian Journal of Geology</i> , 2020, 50, .	0.3	0
1892	Petrogenesis of Triassic Caojian A-type rhyolites and associated I-type granites in the southeastern Tibetan Plateau: rejuvenation of crystal mush. <i>Geological Magazine</i> , 2022, 159, 337-356.	0.9	2
1893	Crustal fluids cause strong Lu-Hf fractionation and Hf-Nd-Li isotopic provinciality in the mantle of continental subduction zones. <i>Geology</i> , 0, , .	2.0	1
1894	Detrital zircon U $\epsilon$ Pb and Hf signatures of Paleo-Mesoproterozoic strata in the Priest River region, northwestern USA: A record of Laurentia assembly and Nuna tenure. <i>Precambrian Research</i> , 2021, 367, 106445.	1.2	8
1895	Zircon megacrysts from Devonian kimberlites of the Azov Domain, Eastern part of the Ukrainian Shield: Implications for the origin and evolution of kimberlite melts. <i>Lithos</i> , 2021, 406-407, 106528.	0.6	4
1896	Neoproterozoic metavolcanic suites in the Micangshan terrane and their implications for the tectonic evolution of the NW Yangtze block, South China. <i>Precambrian Research</i> , 2022, 368, 106476.	1.2	5
1897	Evidence for change in crust formation process during the Paleoproterozoic in the S�o Francisco Craton (Gavi�o Block): Coupled zircon Lu-Hf and U-Pb isotopic analyses and tectonic implications. <i>Precambrian Research</i> , 2022, 368, 106472.	1.2	5
1898	Petrogenesis of the Permian Luotuoshan sulfide-bearing mafic-ultramafic intrusion, Beishan Orogenic Belt, NW China: evidence from whole-rock Sr $\epsilon$ Nd $\epsilon$ Pb and zircon Hf isotopic geochemistry. <i>Journal of Geochemical Exploration</i> , 2022, 233, 106920.	1.5	3
1899	U-Pb Geochronology and Hf Isotope Geochemistry of the Turtleback Complex and East Sound Group, San Juan Islands, Northwestern North American Cordillera. <i>Lithosphere</i> , 2021, 2021, .	0.6	0
1900	The Pre-Grenvillian assembly of the southeastern Laurentian margin through the U $\epsilon$ Pb $\epsilon$ Hf detrital zircon record of Mesoproterozoic supracrustal sequences (Central Grenville Province, Quebec). <i>Tectonophysics</i> , 2022, 840, 106476.	1.0	10
1901	Early Pennsylvanian sediment routing to the Ouachita Basin (southeastern United States) and barriers to transcontinental sediment transport sourced from the Appalachian orogen based on detrital zircon U-Pb and Hf analysis. <i>Geology</i> , 2022, 18, 350-369.		5
1902	Geochronology, geochemistry, Sr $\epsilon$ Nd $\epsilon$ Hf isotope composition of the late Permian adakite in West Ujimqin, Inner Mongolia: petrogenesis and tectonic implications. <i>Canadian Journal of Earth Sciences</i> , 2022, 59, 46-58.	0.6	1
1903	Dating Continental Subduction Beneath the Samail Ophiolite: Garnet, Zircon, and Rutile Petrochronology of the As Sifah Eclogites, NE Oman. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022715.	1.4	9
1904	Neoproterozoic and Paleozoic tectonic evolution in north Qaidam, northeastern Tibetan Plateau recorded by magmatism and metamorphism. <i>Gondwana Research</i> , 2022, 103, 84-104.	3.0	6
1905	Geochronology of granites of the western Korosten AMCG complex (Ukrainian Shield): implications for the emplacement history and origin of miarolitic pegmatites. <i>European Journal of Mineralogy</i> , 2021, 33, 703-716.	0.4	11
1906	Early global mantle chemical and isotope heterogeneity revealed by the komatiite-basalt record: The Western Australia connection. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 320, 238-278.	1.6	13
1907	Protolith and Metamorphic Age of the Siegraben Eclogites: Implications for the Permian to Cretaceous Wilson Cycle in the Austroalpine Unit. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
1909	Geosciences, 2021, 46, 3965.	9.1	1
1910	Petrogenesis of Late Cretaceous volcanic-plutonic complex from Xiaoxiong caldera in East Zhejiang. <i>Acta Petrologica Sinica</i> , 2021, 37, 3712-3734.	0.3	0
1911	Mantle evolution of the eastern Mediterranean Sea: Implications from the Miocene potassic rocks in Lesvos Island, Greece. <i>Acta Petrologica Sinica</i> , 2021, 37, 3735-3758.	0.3	0
1912	Using neodymium isotope ratio in <i>Ruditapes philipinarum</i> shells for tracking the geographical origin. <i>Food Chemistry</i> , 2022, 382, 131914.	4.2	6
1913	Zircon xenocryst Hf-O isotopic compositions in the Qiyugou Au orefield: A record of Paleoproterozoic oceanic slab subduction in the Trans-North China Orogen. <i>Precambrian Research</i> , 2022, 368, 106499.	1.2	5
1914	Apatites for destruction: Reference apatites from Morocco and Brazil for U-Pb petrochronology and Nd and Sr isotope geochemistry. <i>Chemical Geology</i> , 2022, 590, 120689.	1.4	21
1915	Neoproterozoic and Early Paleozoic magmatism in the eastern Lhasa terrane: Implications for Andean-type orogeny along the northern margin of Rodinia and Gondwana. <i>Precambrian Research</i> , 2022, 369, 106520.	1.2	7
1916	Closing the North American Magmatic Gap: Crustal evolution of the Clearwater Block from multi-isotope and trace element zircon data. <i>Precambrian Research</i> , 2022, 369, 106533.	1.2	7
1917	Forging isotopically juvenile metamorphic zircon from and within Archean TTG gneiss: Whole-rock Sr-Nd-Pb and zircon U-Pb-Hf-REE constraints. <i>Chemical Geology</i> , 2022, 590, 120710.	1.4	7
1918	Enhanced hydrological cycle during Oceanic Anoxic Event 2 at southern high latitudes: New insights from IODP Site U1516. <i>Global and Planetary Change</i> , 2022, 209, 103735.	1.6	13
1919	Evidence of Eoarchean crust beneath the Yakutian kimberlite province in the Siberian craton. <i>Precambrian Research</i> , 2022, 369, 106512.	1.2	4
1920	Comparative Sm-Nd isotope behavior of accessory minerals: Reconstructing the Sm-Nd isotope evolution of early Archean rocks. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 318, 190-212.	1.6	8
1921	Geology, zircon U-Pb dating and Hf data for the Julie greenstone belt and associated rocks in NW Ghana: Implications for Birimian-to-Tarkwaian correlation and crustal evolution. <i>Journal of African Earth Sciences</i> , 2022, 186, 104444.	0.9	11
1922	Preserved ancient oceanic lithosphere within the Buem structural unit at the eastern margin of the West African Craton. <i>Lithos</i> , 2022, 410-411, 106585.	0.6	1
1923	Paleozoic evolution and heterogeneity of sediment provenance in the Permian Basin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 588, 110820.	1.0	4
1924	The Quaternary monogenetic Bayuda Volcanic Field, Sudan – Insights into mantle and crustal processes during magma petrogenesis. <i>Lithos</i> , 2022, 410-411, 106563.	0.6	1
1925	Mesoproterozoic magmatism redefines the tectonics and paleogeography of the SW Yangtze Block, China. <i>Precambrian Research</i> , 2022, 370, 106558.	1.2	2
1926	Integrated geological-geophysical investigation of gold-hosting Rhyacian intrusions (Yaou, French) Tj ETQq1 1 0.784314 rgBT <sub>5</sub> /Overlook	0.6	5

#	ARTICLE	IF	CITATIONS
1927	Tectonic transition from Paleo- to Neo-Tethyan Ocean in Tangjia-Sumdo area, Southern Tibet: Constraints from Early Jurassic magmatism. <i>Gondwana Research</i> , 2022, 105, 12-24.	3.0	5
1928	Van Canh Triassic granite in the Kontum Massif, central Vietnam: Geochemistry, geochronology, and tectonic implications. <i>Journal of Asian Earth Sciences</i> : X, 2022, 7, 100075.	0.6	3
1929	Implications for sedimentary transport processes in southwestern Africa: a combined zircon morphology and age study including extensive geochronology databases. <i>International Journal of Earth Sciences</i> , 2022, 111, 767-788.	0.9	4
1930	Arabia-Eurasia convergence and collision control on Cenozoic juvenile K-rich magmatism in the South Armenian block, Lesser Caucasus. <i>Earth-Science Reviews</i> , 2022, 226, 103949.	4.0	6
1931	Direct evidence for crust-mantle differentiation in the late Hadean. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	5
1932	The long-lived fertility signature of Cu-Au porphyry systems: insights from apatite and zircon at Tampakan, Philippines. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	1.2	9
1933	Zircon U-Pb-Hf Isotopic and Trace Element Analyses for Oceanic Mafic Crustal Rock of the Neoproterozoic-Early Paleozoic Oeyama Ophiolite Unit and Implication for Subduction Initiation of Proto-Japan Arc. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 107.	0.8	2
1934	Petrogenesis, W metallogenic and tectonic implications of granitic intrusions in the southern Great Xing'an Range W belt, NE China: insights from the Narenwula Complex. <i>Geological Magazine</i> , 2022, 159, 593-627.	0.9	6
1935	U-Pb-Hf isotopes and shape parameters of zircon from the Mozaan Group (South Africa) with implications for depositional ages, provenance and Witwatersrand-Pongola Supergroup correlations. <i>Precambrian Research</i> , 2022, 368, 106500.	1.2	9
1936	Late Eocene palaeogeomorphology and uplift process of the Central Tibetan Plateau: Constraints from intermediate-felsic magmatic rocks. <i>Lithos</i> , 2022, 408-409, 106569.	0.6	0
1937	Nd-Sr Isotopic Study of Magmatic Rocks and <sup>40</sup> Ar/ <sup>39</sup> Ar Dating of the Mafic Dike of the Proterozoic Ulan-Saradag Ophiolite Complex (Southern Siberia, East Sayan, Middle Belt, Russia). <i>Minerals (Basel)</i> , 2022, 12, 107.	0.8	2
1938	Zircon U-Pb geochronology and Sr-Nd-Hf isotopic compositions of the felsic dykes from the Dalat zone, southern Vietnam: petrogenesis and geological significance. <i>International Geology Review</i> , 2022, 64, 2822-2836.	1.1	5
1939	Arc tempos of the Gangdese batholith, southern Tibet. <i>Journal of Geodynamics</i> , 2022, 149, 101897.	0.7	13
1940	Tracing southern Gondwanan sedimentary paths: A case study of northern Namibian late Palaeozoic sedimentary rocks. <i>Sedimentology</i> , 2022, 69, 1738-1768.	1.6	3
1941	Carbonatites: Classification, Sources, Evolution, and Emplacement. <i>Annual Review of Earth and Planetary Sciences</i> , 2022, 50, 261-293.	4.6	64
1942	Cambrian-Silurian sediments in the southeastern Qilian Orogen, NE Tibetan Plateau: Constraints on crustal and tectonic evolution of microcontinents in the northern Proto-Tethys Ocean. <i>Journal of Asian Earth Sciences</i> , 2022, 232, 105122.	1.0	5
1943	Pb isotope insight into the formation of the Earth's first stable continents. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117319.	1.8	7
1944	Diachronous Redistribution of Hf and Nd Isotopes at the Crystal Scale-Consequences for the Isotopic Evolution of a Poly-Metamorphic Crustal Terrane. <i>Geosciences (Switzerland)</i> , 2022, 12, 36.	1.0	1

#	ARTICLE	IF	CITATIONS
1945	Genesis and tectonic setting of Late Jurassic-Early Cretaceous granites in Nachatang area, Central Lhasa Terrane: Constraints from geochemistry, chronology and Hf isotopes. <i>Acta Petrologica Sinica</i> , 2022, 38, 209-229.	0.3	0
1946	Crustal modelling from Pan-African granites of the Colomine Gold District, SE Cameroon: Insights from zircon U-Pb dating and Lu-Hf isotope systematics. <i>Journal of African Earth Sciences</i> , 2022, 187, 104441.	0.9	2
1947	From the southern Gangdese Yeba arc to the Bangong-Nujiang Ocean: Provenance of the Upper Jurassic-Lower Cretaceous Lagongtang Formation (northern Lhasa, Tibet). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 588, 110837.	1.0	9
1948	Evolution of the 3.65–2.58 Ga Mairi Gneiss Complex, Brazil: Implications for growth of the continental crust in the São Francisco Craton. <i>Geoscience Frontiers</i> , 2022, 13, 101366.	4.3	7
1949	Petrogenesis of the Mesoarchean (~3.05 Ga) mafic volcanics from the western Iron Ore Group volcano-sedimentary succession, Singhbhum craton, eastern India: Constraints from geochemical modelling and Sm-Nd geochronology. <i>Lithos</i> , 2022, 412-413, 106596.	0.6	7
1950	Nd–Hf isotopic composition of the Paleoproterozoic Matupá and Teles Pires intrusive suites: Implications for crustal evolution of the southern Amazonian Craton (Brazil). <i>Journal of South American Earth Sciences</i> , 2022, 114, 103710.	0.6	2
1951	The diversity of sources of late Archean granites reflects a transition from plume-dominated to plate tectonics in the Superior Province, Canada. <i>Precambrian Research</i> , 2022, 370, 106525.	1.2	6
1952	The provenance of Danubian loess. <i>Earth-Science Reviews</i> , 2022, 226, 103920.	4.0	17
1953	Archean crustal growth and reworking revealed by combined U-Pb-Hf-O isotope and trace element data of detrital zircons from ancient and modern river sediments of the eastern Kaapvaal Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 320, 79-104.	1.6	9
1954	Hafnium–neodymium isotope evidence for enhanced weathering and uplift-climate interactions during the Late Cretaceous. <i>Chemical Geology</i> , 2022, 591, 120724.	1.4	9
1955	Euarchean to Neoarchean crustal evolution of the Western Dharwar Craton, southern India: Clues from U-Pb-Hf isotope composition of detrital zircon. <i>Precambrian Research</i> , 2022, 371, 106559.	1.2	16
1956	Early Permian Syn-Subduction Extension in the South Tianshan (NW China): Insights From A-Type Granitoids in the Southern Altaids. <i>Frontiers in Earth Science</i> , 2022, 9, .	0.8	4
1957	Metallogenic implications from zircon U–Pb ages and Sr–Nd–Hf isotopic geochemistry of quartz monzonite porphyry in the Habo Cu–Au deposit, southern belt of the Jinshajiang-Red River, China. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	0
1958	A Mesoarchean Large Igneous Province on the Eastern Kaapvaal Craton (Southern Africa) Confirmed by Metavolcanic Rocks from Kubuta, Eswatini. <i>Lithosphere</i> , 2022, 2022, .	0.6	0
1959	Zircon U–Pb chronology and Hf isotopes of the Lebowa Granite Suite and petrogenesis of the Bushveld Complex, South Africa. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, 1.	1.2	3
1960	The Segmented Zambezi Sedimentary System from Source to Sink: 2. Geochemistry, Clay Minerals, and Detrital Geochronology. <i>Journal of Geology</i> , 2022, 130, 171-208.	0.7	8
1961	Radioisotopes as Chronometers. , 2022, , 192-237.		0
1962	Juvenile continental crust evolution in a modern oceanic arc setting: Petrogenesis of Cenozoic felsic plutons in Fiji, SW Pacific. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 320, 339-365.	1.6	6

#	ARTICLE	IF	CITATIONS
1963	Cryogenian accretion of the Northern Arabian-Nubian shield: Integrated evidence from central Eastern Desert Egypt. <i>Precambrian Research</i> , 2022, 371, 106599.	1.2	5
1964	Testing the advantages of simultaneous in-situ Sm Nd, U Pb and elemental analysis of igneous monazite for petrochronological studies. An example from the late Archean, Penzance granite, Western Australia. <i>Chemical Geology</i> , 2022, 594, 120760.	1.4	4
1965	Hf Isotopes in Detrital Zircon Point to a Mesoproterozoic Orogenic Belt Bordering the Western Margin of the Río de la Plata Craton. <i>Journal of Geology</i> , 2022, 130, 1-22.	0.7	3
1966	Geochemical and Mineralogical Studies of Zircon, Apatite, and Chlorite in the Giant Dexing Porphyry Cu-Mo-Au Deposit, South China: Implications for Mineralization and Hydrothermal Processes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1967	The origin of volatile elements in the Earth-Moon system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	8
1968	Early Precambrian Crustal Evolution in the Irkut Block (Sharyzhalgai Uplift, Southwestern Siberian) <i>Tj ETQq1 1 0.784314 rgBT /Overlook</i> 137-152.	0.3	6
1969	Petrogenesis of voluminous silicic magmas in the Sierra Madre Occidental large igneous province, Mexican Cordillera: Insights from zircon and Hf-O isotopes. , 0, , .		2
1970	Elusive origin of the subsurface tephra in the Deccan volcanic province, India. <i>Journal of Earth System Science</i> , 2022, 131, 1.	0.6	1
1971	Detrital zircon provenance of metasedimentary rocks in the Proterozoic <i>Caiziyuan-Tongan</i> accretionary complex: Constraints on crustal and tectonic evolution of the Yangtze Block, South China. <i>Geological Journal</i> , 2022, 57, 2094-2109.	0.6	1
1972	Early Paleozoic Cascadia-type active-margin evolution of the Dunhuang block (NW China): Geochemical and geochronological constraints. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 2503-2530.	1.6	8
1973	Linking the Gulf of Mexico and Coast Mountains batholith during late Paleocene time: Insights from Hf isotopes in detrital zircons. , 2022, , 265-292.		3
1974	Palaeoproterozoic S-type granites from Garhwal Himalaya, <i>NW</i> India: Geochemistry, <i>Sm-Nd</i> isotope systematics and tectonic implications. <i>Geological Journal</i> , 2022, 57, 2443-2463.	0.6	3
1975	The detrital zircon record of Variscan to post-Variscan tectonosedimentary and magmatic processes in the Tauern Window (Eastern Alps). <i>International Journal of Earth Sciences</i> , 2022, 111, 1273-1287.	0.9	4
1976	Perturbation of the deep-Earth carbon cycle in response to the Cambrian Explosion. <i>Science Advances</i> , 2022, 8, eabj1325.	4.7	14
1977	Data report: major and trace element and Nd-Pb-Hf isotope composition of the Site U1504 metamorphic basement in the South China Sea (IODP Expedition 367/368/368X). <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	1
1978	Tectonic burial of sedimentary rocks drives the building of juvenile crust of magmatic arc. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 3064-3078.	1.6	3
1979	3.63 Ga grey gneisses reveal the Eoarchean history of the Zimbabwe craton. <i>South African Journal of Geology</i> , 2022, 125, 1-12.	0.6	9
1980	Detrital zircon LA-ICPMS U-Pb and Lu-Hf signature from the Mesoarchean Keonjhar Quartzite: Implications for the nature of Archean continental crust and geodynamics. <i>Geosystems and Geoenvironment</i> , 2022, 1, 100057.	1.7	6

#	ARTICLE	IF	CITATIONS
1981	The Role of Syn-Extensional Lamprophyre Magmatism in Crustal Dynamics—the Case of the Menderes Metamorphic Core Complex, Western Turkey. <i>Journal of Petrology</i> , 2022, 63, .	1.1	1
1982	Palaeozoic tectonic evolution and magmatism in the Kalatag area, East Tianshan, NW China: Evidence from the geochronology and geochemistry of intrusive rocks. <i>Geological Journal</i> , 2022, 57, 2511-2539.	0.6	1
1983	Half-life and initial Solar System abundance of <sup>146</sup> Sm determined from the oldest andesitic meteorite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120933119.	3.3	17
1984	Evolving views of West Avalonia: Perspectives from southeastern New England, USA. , 2022, , 47-72.		5
1985	Petrogenesis of Ta-Nb mineralization related Early Cretaceous Lingshan granite complex, Jiangxi Province, southeast China: Constraints from geochronology, whole-rock and in-situ mineral geochemistry, and Nd-Hf isotopic compositions. <i>Ore Geology Reviews</i> , 2022, 143, 104788.	1.1	5
1986	An apatite trace element and Sr-Nd isotope geochemical study of syenites and carbonatite, exemplified by the Epembe alkaline-carbonatite complex, Namibia. <i>Lithos</i> , 2022, , 106699.	0.6	1
1987	The komatiite testimony to ancient mantle heterogeneity. <i>Chemical Geology</i> , 2022, 594, 120776.	1.4	13
1988	Detrital zircon in an active sedimentary recycling system: Challenging the “source-to-sink” approach to zircon-based provenance analysis. <i>Sedimentology</i> , 2022, 69, 2436-2462.	1.6	11
1989	Syn-rift to post-rift tectonic transition and drainage reorganization in continental rifting basins: Detrital zircon analysis from the Songliao Basin, NE China. <i>Geoscience Frontiers</i> , 2022, 13, 101377.	4.3	10
1990	Early Mesoproterozoic inliers in the Chiapas Massif Complex of southern Mexico: Implications on Oaxaquia-Azonania-Baltica configuration. <i>Precambrian Research</i> , 2022, 373, 106611.	1.2	6
1991	Crustal evolution of Western Europe: Constraints from detrital zircon U-Pb-Hf-O isotopes. <i>Gondwana Research</i> , 2022, 106, 379-396.	3.0	5
1992	Carbonatite, aillikite and olivine melilitite from Zandkopsdrift, Namaqualand, South Africa: Constraints on the origin of an unusual lamprophyre-dominated carbonatite complex and the nature of its mantle source. <i>Lithos</i> , 2022, 418-419, 106678.	0.6	1
1993	History of crustal growth in Africa and the Americas from detrital zircon and Nd isotopes in glacial diamicrites. <i>Precambrian Research</i> , 2022, 373, 106641.	1.2	10
1994	Early Cretaceous hydrous mafic magmatism in the eastern Lhasa terrane, Tibet: Petrogenesis and constraints on the early history of the eastern Jiali (Parlung) fault. <i>Lithos</i> , 2022, 418-419, 106686.	0.6	1
1995	Geochemical constraints on source nature and recycled oceanic crust in the mantle of the Celebes Sea. <i>Lithos</i> , 2022, 418-419, 106685.	0.6	1
1996	Time and isotopic constraints for Early Tonian basaltic magmatism in a large igneous province of the São Francisco “Congo paleocontinent (Macaébas basin, Southeast Brazil). <i>Precambrian Research</i> , 2022, 373, 106621.	1.2	5
1997	Petrogenesis and tectonic implications of Late Permian S-type granites in the South Kunlun Belt, northern Tibetan Plateau. <i>Journal of Asian Earth Sciences</i> , 2022, 230, 105204.	1.0	2
1998	Zircon petrochronology reveals the moderately juvenile signature of a diatexite from the boundary zone between the Brasília and Ribeira orogens (SE Brazil): Relict of a Tonian arc?. <i>Journal of South American Earth Sciences</i> , 2022, 116, 103767.	0.6	1

#	ARTICLE	IF	CITATIONS
1999	Implications of the dominant LP&#x2013;HT deformation in the Guanh&#x2013;es Block for the Ara&#x2013;Sua&#x2013;West-Congo Orogen evolution. <i>Gondwana Research</i> , 2022, 107, 154-175.	3.0	3
2000	Periodicity of Karoo rift zone magmatism inferred from zircon ages of silicic rocks: Implications for the origin and environmental impact of the large igneous province. <i>Gondwana Research</i> , 2022, 107, 107-122.	3.0	10
2001	Age and Sources of Metasedimentary Rocks of the Galam Terrane in the Mongol&#x2013;Okhotsk Fold Belt: Results of U&#x2013;Pb Age and Lu&#x2013;Hf Isotope Data from Detrital Zircons. <i>Geotectonics</i> , 2021, 55, 779-794.	0.2	4
2002	Geochronology, petrogenesis, and tectonic significance of the granites in the Chaqiabeishan area of the Quanji Massif, northwestern China. <i>Geological Journal</i> , 2022, 57, 1241-1261.	0.6	5
2003	Petrogenesis of the Early Silurian Renda appinite suite in the southeastern Qilian Orogen, NW China: Implications for the evolution of a Proto-Tethys magmatic arc. <i>International Geology Review</i> , 2022, 64, 2743-2765.	1.1	2
2004	Temporal and Spatial Variations of Enriched Source Components in Linzizong Volcanic Succession, Tibet, and Implications for the India&#x2013;Asia Collision. <i>Journal of Petrology</i> , 2022, 63, .	1.1	11
2005	Accessories in Kaiserstuhl carbonatites and related rocks as accurate and faithful recorders of whole rock age and isotopic composition. <i>International Journal of Earth Sciences</i> , 2022, 111, 573-588.	0.9	1
2006	Combining Micro-Raman Spectroscopy and Scanning Electron Microscopy Mapping: A Stony Meteorite Study. <i>Materials</i> , 2021, 14, 7585.	1.3	2
2007	Late Pleistocene Climate and Dust Source From the Mobarakabad Loess&#x2013;Paleosol Sequence, Northern Foothills of the Alborz Mountains, Northern Iran. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
2008	Paleoproterozoic Pt-Pd Fedorovo-Pansky and Cu-Ni-Cr Monchegorsk Ore Complexes: Age, Metamorphism, and Crustal Contamination According to Sm-Nd Data. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1410.	0.8	5
2009	Insights from Lu-Hf zircon isotopic data on the crustal evolution of Avalonia and Ganderia in the northern Appalachian orogen. , 2022, , 173-207.		6
2010	Petrogenesis and tectonic implication of Neoproterozoic I-Type Granitoids and orthogneisses in the Goa-Mandja area, Central African Fold Belt (Cameroon). <i>Lithos</i> , 2022, 420-421, 106700.	0.6	6
2011	Destabilization of Long&#x2013;Lived Hadean Protocrust and the Onset of Pervasive Hydrous Melting at 3.8&#x2013;Ga. <i>AGU Advances</i> , 2022, 3, .	2.3	17
2012	Experimental constraints on the long-lived radiogenic isotope evolution of the Moon. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 326, 119-148.	1.6	2
2013	Petrogenesis and Geodynamic Implications of Early Cretaceous (&#x2248;130 Ma) Magmatism in the Baingoin Batholith, Central Tibet: Products of Subducting Slab Rollback. <i>Acta Geologica Sinica</i> , 2022, 96, 1960-1978.	0.8	3
2014	Zircon Hf-Isotopic Mapping Applied to the Metal Exploration of the Sanjiang Tethyan Orogenic Belt, Southwestern China. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4081.	1.3	3
2015	Geochemistry of mantle source during the initial expansion and its implications for the opening of the South China Sea. <i>Marine Geology</i> , 2022, 447, 106798.	0.9	3
2016	Upper mantle control on the W isotope record of shallow level plume and intraplate volcanic settings. <i>Earth and Planetary Science Letters</i> , 2022, 585, 117507.	1.8	6

#	ARTICLE	IF	CITATIONS
2017	Hidden reservoirs in the continental lithosphere? Evidence from Hf-Sr-Nd-Pb isotopes in southern African kimberlite megacrysts. , 0, , .		0
2023	Long-term preservation of Hadean protocrust in Earth's mantle. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120241119.	3.3	17
2024	Dynamics of Early Neoproterozoic accretion, west-central India: I. Geochronology and Geochemistry. Lithos, 2022, 422-423, 106715.	0.6	4
2025	Data report: major and trace element and Sr-Nd-Pb-Hf isotope composition of three granite clasts from Hole U1501D in the South China Sea (IODP Expedition 367/368/368X). Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
2026	Geologic framework of Cretaceous plutons along a west-to-east transect in the southern Peninsular Ranges batholith, Baja California, Mexico: Insights from geochemical, isotopic, and geochronologic data. International Geology Review, 2023, 65, 779-805.	1.1	0
2027	Oceanic Zircon Records Extreme Fractional Crystallization of MORB to Rhyolite on the Alarcon Rise Mid-Ocean Ridge. Journal of Petrology, 2022, 63, .	1.1	2
2028	Identification of UHT granulites in the Pan-African Dahomeyide suture zone in SE Ghana: Implications for evolution of collisional orogens. Journal of Petrology, 0, , .	1.1	0
2029	Secular evolution of the subcontinental lithospheric mantle beneath Indian cratons: Insights from geochemistry and geochronology of the Precambrian mafic dykes. Lithos, 2022, , 106729.	0.6	2
2030	A juvenile Paleozoic ocean floor origin for eastern Stikinia, Canadian Cordillera. , 0, , .		1
2031	On the Statherian-Clymmian palaeogeography of northwestern Laurentia. Journal of the Geological Society, 2022, 179, .	0.9	4
2032	Precambrian tectonic affinity of the Beishan Orogenic Belt: Constraints from Proterozoic metasedimentary rocks. Precambrian Research, 2022, 376, 106686.	1.2	7
2033	Generation of continental crust by remelting of enriched oceanic crust in accretionary orogen: Geochemical evidence of granitoids in the Tongbai Orogen, Central China. Lithos, 2022, 420-421, 106718.	0.6	1
2034	The first identified oceanic core complex in the Bangong-Nujiang suture zone, central Tibet: New insights into the early Mesozoic tectonic evolution of the Meso-Tethys Ocean. Journal of Asian Earth Sciences, 2022, 233, 105248.	1.0	5
2035	Temporal variations in the geochemistry of Mesozoic mafic-intermediate volcanic rocks in the northern Great Xing'an Range, Northeast China, and implications for deep lithospheric mantle processes. Lithos, 2022, 422-423, 106721.	0.6	1
2036	Geochronology, geochemistry and Sr-Nd, Hf-O isotope systematics of the Linte massif, Adamawa - Yade domain, Cameroon: Implications on the evolution of the Central African Fold Belt. Precambrian Research, 2022, 375, 106675.	1.2	9
2037	Provenance and depositional setting of the Buem structural unit (Ghana): Implications for the paleogeographic reconstruction of the West African and Amazonian cratons in Rodinia. Gondwana Research, 2022, 109, 183-204.	3.0	1
2038	The chemistry of the extraterrestrial carbonaceous stone "Hypatia" A perspective on dust heterogeneity in interstellar space. Icarus, 2022, 382, 115043.	1.1	1
2039	Dupal Anomaly and Identification using Nd-Hf Isotopes. Acta Geologica Sinica, 2022, 96, 416-429.	0.8	0

#	ARTICLE	IF	CITATIONS
2040	Decoupled Trace Element and Isotope Compositions Recorded in Orthopyroxene and Clinopyroxene in Composite Pyroxenite Veins from the Xiugugabu Ophiolite (SW Tibet). <i>Journal of Petrology</i> , 2022, 63, .	1.1	7
2041	Connected volcanic and plutonic association by crystal-melt segregation in the Daiyunshan volcanic field, SE China. <i>Tectonophysics</i> , 2022, 836, 229409.	0.9	2
2042	The 1800-1770 Ma Colider silicic large igneous province in the Amazonian craton: crustal evolution using zircon in situ REE compositions, U-Pb ages and Hf isotope analyses. <i>International Geology Review</i> , 0, , 1-17.	1.1	0
2043	Age and Geodynamic Setting of the Lower Jurassic Sandstones in the Onon Fragment of the Aga Terrane, Mongolâ€“Okhotsk Fold Belt. <i>Stratigraphy and Geological Correlation</i> , 2022, 30, 75-88.	0.2	0
2044	Detrital zircon ages from Archaean conglomerates in the Singhbhum Craton, eastern India: implications on economic Au-U potential. <i>Mineralium Deposita</i> , 2022, 57, 1499-1514.	1.7	6
2045	Metamorphism of the Korvatundra Structure of the Laplandâ€“Kola Orogen (Arctic Zone of the Tj ETQq1 1 0.784314 rgBT / Overlock	0.3	0
2046	Evidence for a primitive deep mantle component in the source of Marquesas Islands Lavas from Os isotope and highly siderophile element abundance systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 329, 51-69.	1.6	1
2047	The genesis of the granitic rocks associated with the Mo-mineralization at the Hongling deposit, eastern Tianshan, NW China: constraints from geology, geochronology, geochemistry, and Sr-Nd-Hf isotopes. <i>Ore Geology Reviews</i> , 2022, , 104947.	1.1	2
2048	The first identification of early Paleoproterozoic (2.46â€“2.38Ga) supracrustal rocks in the Daqingshan area, northwestern North China Craton: Geology, geochemistry and SHRIMP U-Pb dating. <i>Precambrian Research</i> , 2022, 377, 106727.	1.2	4
2049	Geochronology, geochemistry, and isotopic composition of the early Neoproterozoic granitoids in the Bikou Terrane along the northwestern margin of the Yangtze Block, South China: Petrogenesis and tectonic implications. <i>Precambrian Research</i> , 2022, 377, 106724.	1.2	7
2050	Decoupling of Mg from Srâ€“Nd isotopic compositions in Variscan subduction-related plutonic rocks from the Bohemian Massif: implications for mantle enrichment processes and genesis of orogenic ultrapotassic magmatic rocks. <i>International Journal of Earth Sciences</i> , 2022, 111, 1491-1518.	0.9	1
2051	Detrital zircon Uâ€“Pb and Luâ€“Hf constraints on the age, provenance and tectonic setting of arc-related high-grade units of the transition zone of the Araâ€“SuaÃ—and Ribeira orogens (SE Brazil). <i>Journal of South American Earth Sciences</i> , 2022, 116, 103861.	0.6	6
2052	Mid-Neoproterozoic magmatism in the South Qilian Belt, NE Tibetan Plateau and its tectonic implications. <i>Geological Magazine</i> , 0, , 1-13.	0.9	0
2053	Garnet Geochemistry and Lu-Hf Geochronology of a Gold-Bearing Sillimanite-Garnet-Biotite Gneiss at the Borden Lake Belt. <i>Geosciences (Switzerland)</i> , 2022, 12, 218.	1.0	0
2054	Petrogenesis of the early Jurassic Ora batholith in southâ€“western Cambodia. <i>Geological Journal</i> , 2022, 57, 3230-3250.	0.6	0
2055	In-situ monazite Nd and pyrite S isotopes as fingerprints for the source of ore-forming fluids in the Jiaodong gold province. <i>Ore Geology Reviews</i> , 2022, 147, 104965.	1.1	1
2056	2.0Ga orogenic graphite deposits and associated 13C-enriched meta-carbonate rocks from South China Craton: Implications for global Lomagundi event. <i>Geoscience Frontiers</i> , 2022, 13, 101409.	4.3	6
2057	Spatial distribution and geochemical characterization of Icelandic mantle end-members: Implications for plume geometry and melting processes. <i>Chemical Geology</i> , 2022, 604, 120930.	1.4	6

#	ARTICLE	IF	CITATIONS
2058	Geochemical systematics and U <sup>238</sup> /Pb zircon age of the Vulvara anorthosite massif, Lapland granulite belt, Baltic shield: magmatic sources and metamorphic alteration of the rocks. <i>Applied Earth Science: Transactions of the Institute of Mining and Metallurgy</i> , 2021, 130, 222-240.	0.6	0
2059	Geochronology and Zircon Hf Isotope of the Paleoproterozoic Gaixian Formation in the Southeastern Liaodong Peninsula: Implication for the Tectonic Evolution of the Jiao-Liao-Ji Belt. <i>Minerals (Basel)</i> , Tj ETQq1 1 0.784314 r#BT#Overlo	1.1	1
2060	GNOM v1.0: an optimized steady-state model of the modern marine neodymium cycle. <i>Geoscientific Model Development</i> , 2022, 15, 4625-4656.	1.3	6
2061	Age and Chemostratigraphy of the Finlayson Lake District, Yukon: Implications for Volcanogenic Massive Sulfide (VMS) Mineralization and Tectonics along the Western Laurentian Continental Margin. <i>Lithosphere</i> , 2022, 2022, .	0.6	3
2062	A persistent Hadean <sup>238</sup> U <sup>238</sup> /Pb protocrust in the western Yilgarn Craton, Western Australia. <i>Terra Nova</i> , 2022, 34, 458-464.	0.9	3
2063	New CA-ID-TIMS U <sup>238</sup> /Pb zircon ages for the Altenberg <sup>238</sup> U <sup>238</sup> /Pb Teplice Volcanic Complex (ATVC) document discrete and coeval pulses of Variscan magmatic activity in the Eastern Erzgebirge (Eastern Variscan) Tj ETQq1 1 0.784314 r#BT#Overlo	1.1	1
2064	Neodymium Isotopic Composition and Rare Earth Element Concentration Variations in the Coral and Solomon Seas. <i>Frontiers in Environmental Chemistry</i> , 0, 3, .	0.7	0
2065	Late Carboniferous intracontinental magmatism in the northernmost Sierras Pampeanas, Argentina: The case study of the Tres Cerritos pluton. <i>Journal of South American Earth Sciences</i> , 2022, 117, 103884.	0.6	2
2066	Geochemical and mineralogical studies of zircon, apatite, and chlorite in the giant Dexing porphyry Cu-Mo-Au deposit, South China: Implications for mineralization and hydrothermal processes. <i>Journal of Geochemical Exploration</i> , 2022, 240, 107042.	1.5	2
2067	Iron isotope systematics during igneous differentiation in lavas from K <sup>235</sup> lauea and Mauna Loa, Hawai'i. <i>Chemical Geology</i> , 2022, 606, 120973.	1.4	2
2068	Zircon O and Lu-Hf isotope evidence of mantle and supracrustal origins of Tasmanian Devonian granites. <i>Gondwana Research</i> , 2022, 110, 1-12.	3.0	2
2069	Geochronology and Petrogenesis of the Mesozoic High-Mg Adakitic Porphyries in the Luxi Terrane: Implications for the Crust-Mantle Interaction in the North China Craton. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2070	Detrital zircon <sup>238</sup> U <sup>238</sup> /Pb geochronology and Hf isotopes of Mesozoic through Cenozoic sandstones from the southern Junggar Basin, <sup>238</sup> U <sup>238</sup> /Pb NW China: Implications for the provenances and uranium source. <i>Geological Journal</i> , 2022, 57, 3829-3850.	0.6	1
2071	Geodynamic and Isotopic Constraints on the Genesis of Kimberlites, Lamproites and Related Magmas From the Finnish Segment of the Karelian Craton. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	4
2072	Age and significance of the Fire Bay assemblage: an Ordovician arc fragment within the Clements Markham belt, northwestern Ellesmere Island, Canada. <i>Canadian Journal of Earth Sciences</i> , 2022, 59, 639-659.	0.6	3
2073	Petrogenesis of Mo-associated Mesozoic granitoids on the Jiaodong Peninsula: Implications for crustal architecture and Mo mineralization along the Dabie <sup>238</sup> U <sup>238</sup> /Pb Sulu Orogen. <i>Ore Geology Reviews</i> , 2022, 149, 105015.	1.1	3
2074	Investigation of the <sup>176</sup> Yb Interference Correction during Determination of the <sup>176</sup> Hf/ <sup>177</sup> Hf Ratio by Laser Ablation and Solution Analysis on the Neoma MC-ICP-MS. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 882.	0.8	0
2075	Syn-orogenic A-type granites and post-collisional I-type granites in the southern Chinese Altai: Petrogenesis and implications for granite classification. <i>Gondwana Research</i> , 2022, , .	3.0	0

#	ARTICLE	IF	CITATIONS
2076	Reassessing the intrusive tempo and magma genesis of the late Variscan Aar batholith: U–Pb geochronology, trace element and initial Hf isotope composition of zircon. <i>Swiss Journal of Geosciences</i> , 2022, 115, .	0.5	5
2077	Mafic dikes of the Mariinsky Taiga Alkaline Province, Kuznetsk Alatau terrane, southwestern Siberia: Intraplate alkaline magmatism in the Central Asian Orogenic Belt. <i>Lithos</i> , 2022, 426-427, 106799.	0.6	2
2078	Zircon geochronology and Hf isotopic study from the Leo Pargil Dome, India: implications for the palaeogeographic reconstruction and tectonic evolution of a Himalayan gneiss dome. <i>Geological Magazine</i> , 0, , 1-18.	0.9	0
2079	Greenland Ice Core Record of Last Glacial Dust Sources and Atmospheric Circulation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	17
2080	Crustal architecture of the south-east Superior Craton and controls on mineral systems. <i>Ore Geology Reviews</i> , 2022, 148, 105017.	1.1	3
2081	Formation of juvenile continental crust in northern Nubian Shield: New evidence from granitic zircon U-Pb-Hf-O isotopes. <i>Precambrian Research</i> , 2022, 379, 106791.	1.2	7
2082	Persistent mildly supra-chondritic initial Hf in the Lewisian Complex, NW Scotland: Implications for Neoproterozoic crust-mantle differentiation. <i>Chemical Geology</i> , 2022, 606, 121001.	1.4	7
2083	Relation between regional drought and mountain dust deposition revealed by a 10-year record from an alpine critical zone. <i>Science of the Total Environment</i> , 2022, 844, 156999.	3.9	4
2084	A review of 3.66 to 2.77 Ga crustal differentiation in the northern São Francisco Craton, Brazil. <i>International Geology Review</i> , 0, , 1-17.	1.1	2
2085	The Neoproterozoic and Paleoproterozoic crustal evolution of the Clearwater block, northwestern Laurentia: Implications for the assembly of supercontinents. <i>Precambrian Research</i> , 2022, 379, 106780.	1.2	3
2086	Multiple Episodes of Early Precambrian Magmatism and Tectonism in the Tarim Craton: A North China Connection. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2087	From Gondwana rifting to Alpine orogeny: Detrital zircon geochronologic and provenance signals from the Kopet Dagh Basin (NE Iran). <i>Numerische Mathematik</i> , 2022, 322, 561-592.	0.7	5
2088	Petrogenesis and tectonic setting of Early Silurian island-arc-type quartz diorite at the southern margin of the East Kunlun orogenic belt: analysis of the evolution of the Proto-Tethyan Ocean. <i>International Journal of Earth Sciences</i> , 2022, 111, 2317-2335.	0.9	3
2089	Magma feeding paleochannel in the Monchegorsk ore region: geochemistry, isotope U-Pb and Sm-Nd analysis (Kola region, Russia). <i>Journal of Mining Institute</i> , 0, 255, 405-418.	0.8	2
2090	Tectonic-magmatic setting for Early Cretaceous low-sulfidation epithermal gold deposits in the Xing–Meng Orogenic Belt: Constraints from zircon U–Pb and Hf isotopic data of wulaga deposit, NE China. <i>Solid Earth Sciences</i> , 2022, , .	0.8	0
2091	Geochronology and petrogenesis of the Early Palaeozoic Fuxi magnesian granodiorite in southern Zhuguangshan, South China Block and its geodynamic significance. <i>Geological Journal</i> , 2022, 57, 4550-4571.	0.6	1
2092	Petrogenesis and geodynamic implications of the Baimashan granitic complex in central Hunan, South China. <i>Geological Journal</i> , 2022, 57, 4718-4745.	0.6	2
2093	U–Pb LA-ICP-MS geochronology of polygenetic zircons from Beshta and Kamenistaya intrusions (the Tj ETQq1 10,784314rgBT /Ore	0.7	0

#	ARTICLE	IF	CITATIONS
2094	Evidence for Protracted Intracrustal Reworking of Palaeoarchaeon Crust in the Pilbara Craton (Mount Edgar Dome, Western Australia). <i>Lithosphere</i> , 2022, 2022, .	0.6	3
2095	The Early Cretaceous Granitoids and Microgranular Mafic Enclaves of Sanguliu Pluton, the Liaodong Peninsula: Implications for Magma Mixing and Decratonic Gold Mineralization in the Eastern North China Craton. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 1004.	0.8	1
2096	Development of the Whitehorse trough as a strike-slip basin during Early to Middle Jurassic arc-continent collision in the Canadian Cordillera. , 2022, 18, 1538-1562.		2
2097	Tectonic affinity of the Zhusilengâ€“Hangwula Belt in the northern Alxa area: Evidence from the zircon Uâ€“Pb ages and Hf isotopic compositions of the Mesoproterozoic (~1.4ÂGa) igneous rocks. <i>Geological Journal</i> , 2022, 57, 4451-4473.	0.6	3
2098	Detrital Zircons in Crustal Evolution: A Perspective from the Indian Subcontinent. <i>Lithosphere</i> , 2022, .	0.6	6
2099	Paleozoic Geodynamics and Architecture of the Southern Part of the Mongolian Altai Zone. <i>Tectonics</i> , 2022, 41, .	1.3	5
2100	Triassic granites in the West Qinling Orogen, China: implications for the Early Mesozoic tectonic evolution of the Paleo-Tethys ocean. <i>International Geology Review</i> , 0, , 1-33.	1.1	0
2101	Splinters to splendours: from upcycled glass to Viking beads at Ribe, Denmark. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, .	0.7	2
2102	Geochemistry and zircon Uâ€“Pbâ€“Hf isotopes of granodiorites in the northern Alxa area: implications for the Middleâ€“Late Devonian tectonic evolution of the southern Central Asian Orogenic Belt. <i>International Journal of Earth Sciences</i> , 2022, 111, 2369-2390.	0.9	2
2104	Unraveling late Quaternary atmospheric circulation in the Southern Hemisphere through the provenance of Pampean loess. <i>Earth-Science Reviews</i> , 2022, 232, 104143.	4.0	3
2105	Archean crustal evolution of the Saglek-Hebron Complex, Northern Labrador, revealed from coupled 147â€“146Sm-143â€“142Nd systematics. <i>Earth and Planetary Science Letters</i> , 2022, 594, 117735.	1.8	2
2106	Petrogenesis of Early Cretaceous granitoids in Liyang volcanic basin, eastern China: Geodynamic implications for Paleo-Pacific slab rollback. <i>Tectonophysics</i> , 2022, 838, 229521.	0.9	0
2107	Eo-Paleoarchean detrital zircon in the Winnipeg River terrane, Western Superior Province: Provenance and implications. <i>Precambrian Research</i> , 2022, 379, 106802.	1.2	4
2108	Position of South China and Indochina along northern Gondwana margin during the Ediacaranâ€“Silurian period. <i>Precambrian Research</i> , 2022, 379, 106809.	1.2	0
2109	Late Triassic granitic magmatism and tungsten mineralization in NE China: Geochronological and geochemical constraints from the Tantoushan quartz-wolframite vein-type deposit. <i>Journal of Geochemical Exploration</i> , 2022, 241, 107060.	1.5	1
2110	A global review of Hf-Nd isotopes: New perspectives on the chicken-and-egg problem of ancient mantle signatures. <i>Chemical Geology</i> , 2022, 609, 121039.	1.4	3
2111	Rare earth elements and neodymium and strontium isotopic constraints on provenance switch and post-depositional alteration of fossiliferous Ediacaran and lowermost Cambrian strata from Arctic Norway. <i>Precambrian Research</i> , 2022, 381, 106845.	1.2	2
2112	Growing the Paleo- to Mesoproterozoic margin of the SW Amazonia and the transition from an accretionary to a collisional system. <i>Precambrian Research</i> , 2022, 381, 106841.	1.2	5

#	ARTICLE	IF	CITATIONS
2113	Detrital zircon geochronology and related evidence from clastic sediments in the Kyrenia Range, N Cyprus: Implications for the Mesozoic-Cenozoic erosional history and tectonics of southern Anatolia. <i>Earth-Science Reviews</i> , 2022, 233, 104167.	4.0	3
2114	Permian arc magmatism in southern Tibet: Implications for the subduction and accretion of the Zhikong Sumdo Paleo-Tethys Ocean. <i>Gondwana Research</i> , 2022, 111, 265-279.	3.0	2
2115	Trace element and Sr-Nd-Hf-Pb isotopic constraints on the composition and evolution of eastern Anatolian sub-lithospheric mantle. <i>Lithos</i> , 2022, 430-431, 106849.	0.6	0
2116	Effect of source heterogeneity, melt extraction and crystal separation on the composition of a suite of ferroan (A-type) granites from parts of the Chotanagpur Granite Gneissic Complex (CGGC), India. <i>Lithos</i> , 2022, 430-431, 106875.	0.6	0
2117	Petrogenesis of Estrela Orthogneiss and Associated Lithotypes and Their Implications for the Evolution of the Rio Doce Magmatic Arc: Araçuaia-Ribeira Orogenic System, Se Brazil. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2118	Origin assessment of uranium ores using multivariate statistical method based on their rare-earth elemental parameters. , 2022, 1, 100027.		1
2119	Composition of continental crust altered by the emergence of land plants. <i>Nature Geoscience</i> , 2022, 15, 735-740.	5.4	15
2120	Paleoproterozoic TTG gneisses and granites of the Huai'an Complex: Geochemical and zircon U-Pb-Hf data provide insights into subduction history and crustal growth. <i>Precambrian Research</i> , 2022, 380, 106823.	1.2	2
2121	Time-space evolution of an ancient continent, a window to changing crustal architecture: Insights from granitoids of Singhbhum Craton, eastern India. <i>Earth-Science Reviews</i> , 2022, 234, 104183.	4.0	4
2122	Reorganization of continent-scale sediment routing based on detrital zircon and rutile multi-proxy analysis. <i>Basin Research</i> , 2023, 35, 363-386.	1.3	3
2124	Earth's composition was modified by collisional erosion. <i>Science</i> , 2022, 377, 1529-1532.	6.0	15
2125	The strongly peraluminous, garnet-bearing norite-quartz jotunite-charnockite suite: products of crystal accumulation in the felsic magma reservoir. <i>Contributions To Mineralogy and Petrology</i> , 2022, 177, .	1.2	1
2126	Nd isotope variation between the Earth-Moon system and enstatite chondrites. <i>Nature</i> , 2022, 611, 501-506.	18.7	7
2127	A Block of Ediacaran Volcanic Rocks in the South Mongolia-Khingian Orogenic Belt. <i>Russian Journal of Pacific Geology</i> , 2022, 16, 477-491.	0.1	0
2128	Geochronology and petrogenesis of volcanic rocks in the Laurani epithermal Au-Ag-Cu deposit, northern Bolivian Altiplano. <i>Journal of South American Earth Sciences</i> , 2022, , 104044.	0.6	0
2129	Peraluminous granite related to tin mineralization formed by magmatic differentiation and fluid exsolution of metaluminous melt: A case study from the Bozhushan batholith, South China Block. <i>Ore Geology Reviews</i> , 2022, 150, 105148.	1.1	1
2130	U-Pb and Lu-Hf zircon data of the grenvillian arc-related Zambua and Fango and Cazula supracrustal complexes, Southern Irumide Belt, NW Mozambique. <i>Precambrian Research</i> , 2022, 381, 106860.	1.2	1
2131	Demarcation of Early Pennsylvanian paleovalleys in depozones of the Appalachian foreland-basin system based on detrital-zircon U-Pb and Hf analysis. <i>Journal of Sedimentary Research</i> , 2022, 92, 919-933.	0.8	0

#	ARTICLE	IF	CITATIONS
2132	Late Jurassic syn-rift deposition in the Flemish Pass basin, offshore Newfoundland: Evidence for Tithonian magmatism and Appalachian-Variscan sediment sources from quantitative mineral and detrital zircon U-Pb-Hf isotope studies of Mizzen discovery strata. <i>Marine and Petroleum Geology</i> , 2022, 146, 105960.	1.5	5
2133	Opening and closure of Cadomian peri-Gondwanan oceans: age and evolution of the MÃ©rida Ophiolite (SW Iberia). <i>International Geology Review</i> , 2024, 66, 278-309.	1.1	7
2134	Sr-Nd-Pb and zircon Hf isotopic constraints on the petrogenesis of two types of early Cretaceous intrusive rocks in the Tongling ore-cluster region: Implications for Cu-Au polymetallic mineralization. <i>Ore Geology Reviews</i> , 2022, 150, 105122.	1.1	1
2135	Petrogenesis and tectonic implications of Cenozoic mafic volcanic rocks in the Kahak area of central Urumiehâ€“Dokhtar magmatic arc, Iran. <i>Journal of Asian Earth Sciences</i> , 2022, 239, 105404.	1.0	1
2136	Multiple episodes of early Precambrian magmatism and tectonism in the Tarim Craton: A North China connection. <i>Lithos</i> , 2022, 430-431, 106883.	0.6	1
2137	Uncovering the Missing Magmatic Link for The Tongkuangyu Porphyry Cu Deposit, Trans-North China Orogen: Implication for Porphyry Cu Deposit Model and Exploration. , 2021, , 121-135.		1
2138	Age, petrogenesis, and tectonic implications of the late <scp>Permian</scp> magmatic rocks in the <scp>Middle Gobi</scp> volcanoplutonic <scp>Belt</scp> , <scp>Mongolia</scp>. <i>Island Arc</i> , 2022, 31, .	0.5	0
2139	Neoproterozoic to early Paleozoic tectono-stratigraphic framework for central Idaho: Windermere Supergroup in the northern sector of the U.S. Cordillera. , 2022, , .		3
2140	Paleozoic evolution of the northern Laurentian margin: Evaluating links between the Caledonian, Ellesmerian, and Cordilleran orogens. , 2023, , 605-633.		8
2141	Tectonic evolution of the Qinling Orogenic Belt, Central China â€“ new evidence from geochemical, zircon (U-pb) geochronology and HF isotopes. , 2022, 2, 54.		0
2142	A Comparison of Granite Genesis in the Adelaide Fold Belt and Glenelg River Complex Using U-Pb, Hf and O Isotopes in Zircon. <i>Journal of Petrology</i> , 2022, 63, .	1.1	0
2143	Meso-Archean to Mid-Paleozoic Granitoids in Oulad Dlim Massif (the Pericratonic Terrane of the Tj ETQq1 1 0.784314 rgBT /Overlock Geological Implications. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 1152-1165.	1.1	0
2144	Temporal evolution of <sup>142</sup> Nd signatures in SW Greenland from high precision MC-ICP-MS measurements. <i>Chemical Geology</i> , 2022, 614, 121141.	1.4	6
2145	Zircon Dates Longâ€“Lived Plume Dynamics in Oceanic Islands. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	3
2146	Timing and Petrogenesis of the Permo-Carboniferous Larvik Plutonic Complex, Oslo Rift, Norway: New Insights from U-Pb, Lu-Hf and O Isotopes in Zircon. <i>Journal of Petrology</i> , 0, , .	1.1	0
2147	Formation of Paleo- to Meso-Archean continental crust in the western Dharwar Craton, India: Constraints from U Pb zircon ages and Hf-Pb-Sr isotopes of granitoids and sedimentary rocks. <i>Chemical Geology</i> , 2022, , 121196.	1.4	5
2148	The Evolving Chronology of Moon Formation. <i>Annual Review of Earth and Planetary Sciences</i> , 2023, 51, 25-52.	4.6	5
2149	Petrogenesis of the Triassic Sihaiping granite in the South Qinling orogen, central China: Implications for Mo-W mineralization. <i>Ore Geology Reviews</i> , 2022, 150, 105166.	1.1	1



#	ARTICLE	IF	CITATIONS
2168	Constraints on Paleoproterozoic crustal growth from Birimian Supergroup lavas of the Bui belt (Ghana) in the West African Craton. <i>Precambrian Research</i> , 2023, 384, 106926.	1.2	3
2169	Making the Juvenile lower continental crust by melting of contaminated oceanic mantle wedge: Evidence from the Chilas Complex in the Kohistan Island Arc, North Pakistan. <i>Lithos</i> , 2023, 436-437, 106952.	0.6	0
2170	An $\text{Hf}$ and $^{180}\text{Y}$ isotopic study of zircon of the Mount Osceola and Conway Granites, White Mountain Batholith, New Hampshire: Deciphering the petrogenesis of A-type granites. <i>Lithos</i> , 2023, 438-439, 106984.	0.6	2
2171	Paleozoic to Mesozoic magmatism in North Qaidam, Qinghai Province, NW China: Implications for tectonic evolution. <i>Gondwana Research</i> , 2023, 115, 37-56.	3.0	5
2172	Nature and evolution of the lower crust under central Spain: Inferences from granulite xenoliths (Calatrava Volcanic Field-Spanish central system). <i>Geoscience Frontiers</i> , 2023, 14, 101525.	4.3	1
2173	Geochemistry, Lu-Hf garnet ages, and T conditions of blueschists from the Meliatic and Patric nappes, Western Carpathians: Indicators of Neotethyan subduction. <i>Geosystems and Geoenvironment</i> , 2023, 2, 100150.	1.7	1
2174	The Zambezi deep-sea fan: mineralogical, REE, Zr/Hf, Nd-isotope, and zircon-age variability in feldspar-rich passive-margin turbidites. <i>Journal of Sedimentary Research</i> , 2022, 92, 1022-1043.	0.8	3
2175	A resource for automated search and collation of geochemical datasets from journal supplements. <i>Scientific Data</i> , 2022, 9, .	2.4	3
2176	Petrogenesis of the Eocene Yulong potassic intrusion in non-subduction setting in the Sanjiang Tethys. <i>Geological Journal</i> , 2023, 58, 2888-2912.	0.6	1
2177	Selective Neodymium Enrichment of Sulfides as a "Fingerprint" of Late Processes of Ore-Formation: Insight into Sm-Nd Isotopes for Sulfides from Magmatic Cu-Ni-PGE Complexes and Hydrothermal Pb-Zn, Au-Mo, and Gold Deposits. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 1634.	0.8	0
2178	A zircon trace element and Hf isotope geochemical study of syenites and carbonatite, exemplified by the Epembe alkaline carbonatite complex, Namibia. <i>South African Journal of Geology</i> , 2022, 125, 307-322.	0.6	1
2179	$\text{Sr}$ - $\text{Nd}$ - $\text{Hf}$ isotopic constraints on the provenance of the modern Zambezi River sand sediments, southern Africa. <i>Basin Research</i> , 2023, 35, 1053-1070.	1.3	0
2180	Greenstone burial-exhumation cycles at the late Archean transition to plate tectonics. <i>Nature Communications</i> , 2022, 13, .	5.8	3
2181	Neoproterozoic tungsten mineralization: Geology, chronology, and genesis of the Huashandong W deposit in northwestern Jiangxi, South China. <i>Mineralium Deposita</i> , 2023, 58, 771-796.	1.7	5
2182	SOURCES OF LOWER PALEOZOIC SANDSTONES FROM THE NORA-SUKHOTINO TERRANE: RESULTS OF U-Th-Pb AND Lu-Hf ISOTOPE STUDIES OF THE DETRITAL ZIRCONS. <i>Geodinamika I Tektonofizika</i> , 2022, 13, .	0.3	1
2183	Discovery of Variscan orogenic peridotites in the Pelvoux Massif (Western Alps, France). <i>Bulletin - Societe Geologique De France</i> , 2023, 194, 2.	0.9	2
2184	A greenstone belt in southeast Tibet: An accreted middle-late Permian oceanic plateau. <i>Geoscience Frontiers</i> , 2023, 14, 101534.	4.3	3
2185	Establishing the occurrence of late Neoproterozoic "earliest Palaeoproterozoic magmatism in the Daqingshan area, northwestern North China Craton: SIMS U-Pb zircon dating, Lu-Hf and Sm-Nd isotopes and whole-rock geochemistry. <i>Geological Magazine</i> , 0, , 1-23.	0.9	0

#	ARTICLE	IF	CITATIONS
2186	Arc-like magmatism in syn- to post-collisional setting: The Ediacaran Angra Fria Magmatic Complex (NW Tj ETQq0 0 0 rgBT /Overlock 10 Geodynamics, 2023, 155, 101960.	0.7	2
2187	Crustal evolution of the Laurentian continental margin from the Paleo- through Mesoproterozoic: A zircon Uâ€Pb and Hf transect through the western Grenville Province, Ontario, Canada. Precambrian Research, 2023, 386, 106963.	1.2	2
2188	A Multi-proxy Provenance Study of Late Carboniferous to Middle Jurassic Sandstones in the Eastern Sverdrup Basin and Its Bearing on Arctic Palaeogeographic Reconstructions. Geosciences (Switzerland), 2023, 13, 10.	1.0	0
2189	Identifying sources of non-unique detrital age distributions through integrated provenance analysis: An example from the Paleozoic Central Colorado Trough. , 2023, 19, 471-492.		1
2190	Late Permian to early Triassic gabbro in North Lhasa, Tibet: evidence for plume â€ subduction-zone interaction of the Palaeo-Tethys ocean. Geological Magazine, 0, , 1-16.	0.9	0
2191	Zircon Uâ€Pb geochronology and Hf isotopic compositions of igneous rocks from Sumatra: implications for the Cenozoic magmatic evolution of the western Sunda Arc. Geological Society Special Publication, 2024, 537, 455-478.	0.8	0
2192	Insights on the Permian tuff beds from the Saint-Affrique Basin (Massif Central, France): anÂintegrated geochemical and geochronological study. Comptes Rendus - Geoscience, 2023, 355, 137-161.	0.4	3
2193	Tracing the cryptic Sardinic (Ordovician) metamorphism across Alpine Europe: the Krndija region in the Slavonian Mountains, Croatia. International Journal of Earth Sciences, 2023, 112, 829-853.	0.9	4
2194	Stenian sediments (&t;1065ÂMa) and Tonian A- and I-type magmatism (1000â€970ÂMa) along the western margin of the central Aravalli orogen, NW India: Petrogenetic and geodynamic implications. Gondwana Research, 2023, 117, 23-40.	3.0	2
2195	The South Armenian Block: Gondwanan origin and Tethyan evolution in space and time. Gondwana Research, 2023, 121, 168-195.	3.0	4
2196	Modern-style subduction during the late Neoproterozoic to early Paleoproterozoic? Geochemical evidence from ca. 2.45ÂGa arc-type magmatism in the Feidong Complex, northeastern Yangtze Craton, South China. Precambrian Research, 2023, 388, 106999.	1.2	0
2197	Geochronology of the Daitari Greenstone Belt, Singhbhum Craton, India. Precambrian Research, 2023, 388, 106997.	1.2	4
2198	Mineral-whole rock isotope fidelity? A comparative study of Hf-Nd-O from high Ba-Sr granitoids. Chemical Geology, 2023, 624, 121425.	1.4	1
2199	Reworking of aged mafic crust in a Palaeoarchaeon layered complex inferred from coupled Sm-Nd and Lu-Hf isotope systematics, Stolzberg Complex, Barberton Greenstone Belt, South Africa. Chemical Geology, 2023, 626, 121427.	1.4	1
2200	Neoproterozoic amphibolite-facies metamorphism of the Douling complex in the northern Yangtze Craton and its tectonic implications: Constraints from petrology and zircon U-Pb-Hf-O isotopes. Precambrian Research, 2023, 390, 107039.	1.2	1
2201	A better understanding of Archean crustal evolution: exploring the sedimentary archive of the Singhbhum Craton, eastern India. Journal of Asian Earth Sciences, 2023, 251, 105630.	1.0	1
2202	Zircon Uâ€Pb ages and Hf and O isotope systematics of crustal zircons from Mesoproterozoic kimberlites of the Dharwar craton, India: Implications for Neoproterozoic craton assembly. Journal of Asian Earth Sciences, 2023, 246, 105583.	1.0	1
2203	The age and chemistry of granitic gneisses from the western H.U. Sverdrupfjella, Maud Terrane, western Dronning Maud Land, Antarctica. Lithos, 2023, 444-445, 107128.	0.6	1

#	ARTICLE	IF	CITATIONS
2204	Mesozoic overprinting of the Precambrian Wuhe Complex, southeastern margin of the North China Craton: Insights from geochronology and geochemistry. <i>Lithos</i> , 2023, 440-441, 107029.	0.6	0
2205	Origin of Late Triassic Granitoids of the Coastal Cordillera of Southern Central Chile (34°-37°S): Multi-isotopic Evidence of Slab Tearing Effects on Pre-Andean Magmatogenesis. <i>Tectonics</i> , 2023, 42, .	1.3	0
2206	Caribbean-South America interactions since the Late Cretaceous: Insights from zircon U-Pb and Lu-Hf isotopic data in sedimentary sequences of the northwestern Andes. <i>Journal of South American Earth Sciences</i> , 2023, 123, 104231.	0.6	4
2207	Using Zircons to Disentangle Back-Veining and Hybridization of Diorite Dykes: an Example From the Gangdese Arc, Tibet. <i>Journal of Petrology</i> , 2023, 64, .	1.1	2
2208	Evolution of an Accretionary Complex (LeMay Group) and Terrane Translation in the Antarctic Peninsula. <i>Tectonics</i> , 2023, 42, .	1.3	2
2209	The polyphase evolution of the mafic rocks of the Juiz de Fora Complex: The record of two supercontinent cycles. <i>Journal of South American Earth Sciences</i> , 2023, 124, 104238.	0.6	0
2210	Hf isotopes in detrital zircon grains of the Sierra Albarrana Domain (SW Iberian Massif): Eburnean v. Archean basement signatures. <i>Journal of the Geological Society</i> , 2023, 180, .	0.9	0
2211	The Eoarchean Muzidian gneiss complex: Long-lived Hadean crustal components in the building of Archean continents. <i>Earth and Planetary Science Letters</i> , 2023, 605, 118037.	1.8	9
2212	Evolution of the preserved European continental crust, constrained by U-Pb, O and Hf isotopic analyses of river detrital zircons. <i>Geochimica Et Cosmochimica Acta</i> , 2023, 346, 133-148.	1.6	0
2213	Cerium-Nd isotope evidence for an incompatible element depleted Moon. <i>Earth and Planetary Science Letters</i> , 2023, 606, 118018.	1.8	3
2214	Multi-scale isotopic heterogeneity reveals a complex magmatic evolution: An example from the wallundry suite granitoids of the lachlan fold belt, Australia. <i>Frontiers in Earth Science</i> , 0, 11, .	0.8	0
2215	Mesoproterozoic basins (Yukon, Canada) in the evolution of supercontinent Columbia. <i>Canadian Journal of Earth Sciences</i> , 2023, 60, 912-973.	0.6	3
2216	Late Palaeozoic tectonic evolution of the southern Central Asian Orogenic Belt: Constraints from the Early Permian magmatism in the northern Alxa area. <i>Geological Journal</i> , 2023, 58, 1760-1775.	0.6	2
2217	Geology of a Large Intact Extensional Oceanic Arc Crustal Section with Superior Exposures: Cretaceous Alisitos Arc, Baja California (Mexico). , 2023, , 1-107.		0
2218	Detrital zircon grains analyzed for U-Pb ages for sedimentary provenance studies: tectonic-driven deposition of the Resende Basin (Eocene-Oligocene) in Southeast Brazil. <i>Journal of Sedimentary Environments</i> , 2023, 8, 175-192.	0.7	0
2219	Geochronology and geochemistry of the Early Paleozoic ore-host volcanic sequence in the Kalatag area, East Tianshan, NW China: Implication for tectonic evolution. <i>Acta Geologica Sinica</i> , 0, , .	0.8	0
2220	Petrogenesis of potassic granite suites along the southern margin of the Zimbabwe Craton. <i>South African Journal of Geology</i> , 2023, 126, 1-28.	0.6	2
2221	Spatio-temporal analysis of big data sets of detrital zircon U-Pb geochronology and Hf isotope data: Tests of tectonic models for the Precambrian evolution of the North China Craton. <i>Earth-Science Reviews</i> , 2023, 239, 104372.	4.0	9

#	ARTICLE	IF	CITATIONS
2222	Alkaline picritic volcanism on northern Ellesmere Island associated with initial rifting of the Sverdrup Basin, Canadian Arctic. <i>Canadian Journal of Earth Sciences</i> , 0, , .	0.6	0
2223	Cadomian to Cenerian accretionary orogenic processes in the Alpine basement: the detrital zircon archive. <i>International Journal of Earth Sciences</i> , 2023, 112, 1157-1174.	0.9	5
2224	Retro-foredeep Basin Evolution in Taiwan: Zircon U-Pb and Hf Isotope Constraints From the Coastal Range. <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	1.0	2
2225	The Montecristo mining district, northern Chile: the relationship between vein-like magnetite-(apatite) and iron oxide-copper-gold deposits. <i>Mineralium Deposita</i> , 2023, 58, 1023-1049.	1.7	2
2226	A Mesoproterozoic to Jurassic history of continental eclogites from the Guatemala Suture Zone—implications for a peri-Amazonian ancestry. <i>Gondwana Research</i> , 2023, 119, 262-281.	3.0	1
2227	Provenance analysis of Paleozoic strata in the Falkland/Malvinas Islands: Implications for paleogeography and Gondwanan reconstructions. <i>Gondwana Research</i> , 2023, 121, 33-55.	3.0	2
2228	Petrogenesis of late Jurassic Mufushan high-Mg diorites and late Mesozoic tectonic evolution of the eastern South China Block. <i>Gondwana Research</i> , 2023, 121, 118-146.	3.0	3
2229	Accelerated mafic weathering in Southeast Asia linked to late Neogene cooling. <i>Science Advances</i> , 2023, 9, .	4.7	4
2230	Major-, trace-element and Sr-Nd-Hf isotope geochemistry of diamondiferous dykes from Tonguma and Koidu, Sierra Leone: Highly micaceous kimberlites formed by assimilation of metasomatised lithospheric mantle rocks. <i>Chemical Geology</i> , 2023, 630, 121475.	1.4	4
2231	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
2232	Insights into the Crustal Evolution and Tungsten Mineralization of the West Cathaysia Block: Constraints from the Inherited Zircons from the Mesozoic Dengfuxian and Paleozoic Tanghu Plutons, South China. <i>Minerals (Basel, Switzerland)</i> , 2023, 13, 550.	0.8	0
2233	New evidence for the Baltican cratonic affinity and Tonian to Ediacaran tectonic evolution of West Avalonia in the Avalon Peninsula, Newfoundland, Canada. <i>Precambrian Research</i> , 2023, 390, 107046.	1.2	5
2412	Thermal ionization mass spectrometry. , 2024, , .		0