

# Evolution of the continental crust

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Citation Report

#	ARTICLE	IF	CITATIONS
2	The tectonomagmatic evolution of Scotland. Transactions of the Royal Society of Edinburgh: Earth Sciences, 2006, 97, 213-295.	1.0	30
3	Magmatic and Crustal Differentiation History of Granitic Rocks from Hf-O Isotopes in Zircon. Science, 2007, 315, 980-983.	6.0	1,154
4	The origin of modern terrestrial life. HFSP Journal, 2007, 1, 156-168.	2.5	43
5	Global cooling forced increase in marine strontium isotopic ratios: Importance of mica weathering and a kinetic approach. Earth and Planetary Science Letters, 2007, 254, 303-312.	1.8	27
6	Petrology and tectonics of Phanerozoic continent formation: From island arcs to accretion and continental arc magmatism. Earth and Planetary Science Letters, 2007, 263, 370-387.	1.8	266
7	Detrital Zircon Ages of Hanjiang River: Constraints on Evolution of Northern Yangtze Craton, South China. Journal of China University of Geosciences, 2007, 18, 210-222.	0.4	17
8	Increased subaerial volcanism and the rise of atmospheric oxygen 2.5-billion years ago. Nature, 2007, 448, 1033-1036.	13.7	335
9	Zircon U-Pb age and Hf isotope evidence for contrasting origin of bimodal protoliths for ultrahigh-pressure metamorphic rocks from the Chinese Continental Scientific Drilling project. Journal of Metamorphic Geology, 2007, 25, 873-894.	1.6	85
10	Could Iceland be a modern analogue for the Earth's early continental crust?. Terra Nova, 2008, 20, 463-468.	0.9	33
11	Plate tectonics, flood basalts and the evolution of Earth's oceans. Terra Nova, 2008, 20, 419-439.	0.9	105
12	Neoproterozoic crustal growth: The solid Earth system during a critical episode of Earth history. Gondwana Research, 2008, 14, 33-50.	3.0	148
13	Defining the geochemical composition of the EPICA Dome C ice core dust during the last glacial-interglacial cycle. Geochemistry, Geophysics, Geosystems, 2008, 9, .	1.0	48
14	Secular evolution of the continental crust: Implications for crust evolution models. Geochemistry, Geophysics, Geosystems, 2008, 9, .	1.0	49
15	Neoproterozoic anatexis of Archean lithosphere: Geochemical evidence from felsic to mafic intrusions at Xiaofeng in the Yangtze Gorge, South China. Precambrian Research, 2008, 163, 210-238.	1.2	111
16	The evolution of He Isotopes in the convecting mantle and the preservation of high $^3\text{He}/^4\text{He}$ ratios. Earth and Planetary Science Letters, 2008, 269, 175-185.	1.8	71
17	The role of serpentine in preferential craton formation in the late Archean by lithosphere underthrusting. Earth and Planetary Science Letters, 2008, 269, 96-104.	1.8	15
18	A case for late-Archaean continental emergence from thermal evolution models and hypsometry. Earth and Planetary Science Letters, 2008, 275, 326-336.	1.8	179
19	Episodic layering of the early mantle by the "basalt barrier" mechanism. Earth and Planetary Science Letters, 2008, 275, 382-392.	1.8	80

#	ARTICLE	IF	CITATIONS
20	Simultaneous determinations of U–Pb age, Hf isotopes and trace element compositions of zircon by excimer laser-ablation quadrupole and multiple-collector ICP-MS. <i>Chemical Geology</i> , 2008, 247, 100-118.	1.4	829
21	Upper crustal abundances of trace elements: A revision and update. <i>Chemical Geology</i> , 2008, 253, 205-221.	1.4	482
22	Zircon U–Pb ages, Hf and O isotopes constrain the crustal architecture of the ultrahigh-pressure Dabie orogen in China. <i>Chemical Geology</i> , 2008, 253, 222-242.	1.4	152
23	Characteristic thermal regimes of plate tectonics and their metamorphic imprint throughout Earth history: When did Earth first adopt a plate tectonics mode of behavior. , 2008, , 97-128.		56
24	Urey ratio and the structure and evolution of Earth's mantle. <i>Reviews of Geophysics</i> , 2008, 46, .	9.0	287
25	Precambrian crustal growth of Yangtze Craton as revealed by detrital zircon studies. <i>Numerische Mathematik</i> , 2008, 308, 421-468.	0.7	316
26	Intermittent Plate Tectonics?. <i>Science</i> , 2008, 319, 85-88.	6.0	180
27	Regulating continent growth and composition by chemical weathering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4981-4986.	3.3	52
28	The Mg isotopic systematics of granitoids in continental arcs and implications for the role of chemical weathering in crust formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20652-20657.	3.3	112
29	Arc–continent collision and the formation of continental crust: a new geochemical and isotopic record from the Ordovician Tyrone Igneous Complex, Ireland. <i>Journal of the Geological Society</i> , 2009, 166, 485-500.	0.9	63
30	Arc-continent collisions, sediment recycling and the maintenance of the continental crust. <i>Geological Society Special Publication</i> , 2009, 318, 75-103.	0.8	38
31	A Major Clade of Prokaryotes with Ancient Adaptations to Life on Land. <i>Molecular Biology and Evolution</i> , 2009, 26, 335-343.	3.5	279
32	The discovery of the Earth's oldest rocks. <i>Notes and Records of the Royal Society</i> , 2009, 63, 381-392.	0.1	11
33	Worldwide distribution of ages of the continental lithosphere derived from a global seismic tomographic model. <i>Lithos</i> , 2009, 109, 125-130.	0.6	22
34	Arc-generated blocks with crustal sections in the North Atlantic craton of West Greenland: Crustal growth in the Archean with modern analogues. <i>Earth-Science Reviews</i> , 2009, 93, 1-30.	4.0	196
35	Crustal growth at $\sim 2.5$ Ga in the North China Craton: evidence from whole-rock Nd and zircon Hf isotopes in the Huai'an gneiss terrane. <i>Science Bulletin</i> , 2009, 54, 4704-4713.	4.3	95
36	Delamination and destruction of the North China Craton. <i>Science Bulletin</i> , 2009, 54, 3367-3378.	4.3	126
37	Nitrogen-enhanced greenhouse warming on early Earth. <i>Nature Geoscience</i> , 2009, 2, 891-896.	5.4	247

#	ARTICLE	IF	CITATIONS
38	Implications of estimated magmatic additions and recycling losses at the subduction zones of accretionary (non-collisional) and collisional (suturing) orogens. Geological Society Special Publication, 2009, 318, 105-125.	0.8	112
39	Tholeiitic vs Calc-alkalic Differentiation and Evolution of Arc Crust: Constraints from Melting Experiments on a Basalt from the Izu-Bonin-Mariana Arc. Journal of Petrology, 2009, 50, 1575-1603.	1.1	81
40	Continental geochemical signatures in dacites from Iceland and implications for models of early Archaean crust formation. Earth and Planetary Science Letters, 2009, 279, 44-52.	1.8	135
41	Crustal growth along a non-collisional cratonic margin: A Lu-Hf isotopic survey of the Eastern Cordilleran granitoids of Peru. Earth and Planetary Science Letters, 2009, 279, 303-315.	1.8	99
42	Subduction erosion modes: Comparing finite element numerical models with the geological record. Earth and Planetary Science Letters, 2009, 287, 241-254.	1.8	52
43	Tracing the evolution of calc-alkaline magmas: In-situ Sm-Nd isotope studies of accessory minerals in the Bergell Igneous Complex, Italy. Chemical Geology, 2009, 260, 73-86.	1.4	56
44	The origin of geochemical trends and Eoarchean (ca. 3700 Ma) zircons in Mesoproterozoic (ca. 3075 Ma) ocelli-hosting pillow basalts, Ivissartoq greenstone belt, SW Greenland: Evidence for crustal contamination versus crustal recycling. Chemical Geology, 2009, 268, 248-271.	1.4	32
45	Episodic crustal growth of North China as revealed by U-Pb age and Hf isotopes of detrital zircons from modern rivers. Geochimica Et Cosmochimica Acta, 2009, 73, 2660-2673.	1.6	169
46	Chemical geodynamics of continental subduction-zone metamorphism: Insights from studies of the Chinese Continental Scientific Drilling (CCSD) core samples. Tectonophysics, 2009, 475, 327-358.	0.9	299
47	Geochronology - Aims and reminiscences. Applied Geochemistry, 2009, 24, 1087-1092.	1.4	0
48	Evaluating the evolution of the Red River system based on in situ U-Pb dating and Hf isotope analysis of zircons. Geochemistry, Geophysics, Geosystems, 2009, 10, .	1.0	68
49	Coherent composition of glacial dust on opposite sides of the East Antarctic Plateau inferred from the deep EPICA ice cores. Geophysical Research Letters, 2009, 36, .	1.5	18
50	Palaeoproterozoic supercontinents and global evolution: correlations from core to atmosphere. Geological Society Special Publication, 2009, 323, 1-26.	0.8	87
51	Accretionary orogens through Earth history. Geological Society Special Publication, 2009, 318, 1-36.	0.8	719
52	Permian-Triassic (260-220 Ma) crustal growth of Eastern Central Asian orogenic belt as revealed by detrital zircon studies. Numerische Mathematik, 2010, 310, 364-404.	0.7	29
53	Zircon U-Pb dating and geochemical study of the Xianggou granite in the Ma'anqiao gold deposit and its relationship with gold mineralization. Science China Earth Sciences, 2010, 53, 220-240.	2.3	24
54	Geological, petrologic, isotopic, and geochemical constraints of geodynamic models simulating formation of the archaean tonalite-trondhjemite-granodiorite associations in ancient cratons. Geotectonics, 2010, 44, 305-320.	0.2	10
55	Intraplate Seamounts as a Window into Deep Earth Processes. Oceanography, 2010, 23, 42-57.	0.5	53

#	ARTICLE	IF	CITATIONS
56	The Geology and Metallogeny of Volcanic-Hosted Massive Sulfide Deposits: Variations through Geologic Time and with Tectonic Setting. <i>Economic Geology</i> , 2010, 105, 571-591.	1.8	144
57	Potassium and uranium in the upper mantle controlled by Archean oceanic crust recycling. <i>Geology</i> , 2010, 38, 683-686.	2.0	14
58	Melting of the continental crust during orogenesis: the thermal, rheological, and compositional consequences of melt transport from lower to upper continental crust. This article is one of a selection of papers published in this Special Issue on the theme "Lithoprobe" parameters, processes, and the evolution of a continent. <i>Canadian Journal of Earth Sciences</i> , 2010, 47, 655-694.	0.6	137
59	Melting Relations of MORB-Sediment Melanges in Underplated Mantle Wedge Plumes; Implications for the Origin of Cordilleran-type Batholiths. <i>Journal of Petrology</i> , 2010, 51, 1267-1295.	1.1	179
60	Forearc deformation and underplating at the northern Hikurangi margin, New Zealand. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	26
61	Three-dimensional velocity structure of the northern Hikurangi margin, Raukumara, New Zealand: Implications for the growth of continental crust by subduction erosion and tectonic underplating. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	48
62	The spatial and temporal patterning of the deep crust and implications for the process of melt extraction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 11-51.	1.6	69
63	Petrology and geochemistry of Mesozoic granitic rocks from the Nansha micro-block, the South China Sea: Constraints on the basement nature. <i>Journal of Asian Earth Sciences</i> , 2010, 37, 130-139.	1.0	74
64	Tungsten isotopes as tracers of core-mantle interactions: The influence of subducted sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 751-762.	1.6	18
65	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
66	Fingerprinting sources of orogenic plutonic rocks from Variscan belt with lithium isotopes and possible link to subduction-related origin of some A-type granites. <i>Chemical Geology</i> , 2010, 274, 94-107.	1.4	70
67	Formation of enriched mantle components by recycling of upper and lower continental crust. <i>Chemical Geology</i> , 2010, 276, 188-197.	1.4	239
68	Pitfalls of classifying ancient magmatic suites with tectonic discrimination diagrams: An example from the Paleoproterozoic Tunkillia Suite, southern Australia. <i>Precambrian Research</i> , 2010, 177, 227-240.	1.2	52
69	Archean crustal evolution of the northern Tarim craton, NW China: Zircon U-Pb and Hf isotopic constraints. <i>Precambrian Research</i> , 2010, 180, 272-284.	1.2	294
70	The anatomy and ontogeny of modern intra-oceanic arc systems. <i>Geological Society Special Publication</i> , 2010, 338, 7-34.	0.8	89
71	The generation and evolution of the continental crust. <i>Journal of the Geological Society</i> , 2010, 167, 229-248.	0.9	650
72	Age and growth of the Archean Kongling terrain, South China, with emphasis on 3.3 ga granitoid gneisses. <i>Numerische Mathematik</i> , 2011, 311, 153-182.	0.7	374
73	Thermal evolution with a hydrating mantle and the initiation of plate tectonics in the early Earth. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	100

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75	Storage and mobility of nitrogen in the continental crust: Evidence from partially melted metasedimentary rocks, Mt. Stafford, Australia. <i>Chemical Geology</i> , 2011, 281, 211-226.	1.4	46
76	Growth rate of the preserved continental crust: II. Constraints from Hf and O isotopes in detrital zircons from Greater Russian Rivers. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1308-1345.	1.6	74
77	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
78	Arc-Continent Collision: The Making of an Orogen. <i>Frontiers in Earth Sciences</i> , 2011, , 477-493.	0.1	42
79	Building and Destroying Continental Mantle. <i>Annual Review of Earth and Planetary Sciences</i> , 2011, 39, 59-90.	4.6	393
80	Petrology and SHRIMP U-Pb zircon geochronology of Cordilleran granitoids of the Bariloche area, Argentina. <i>Journal of South American Earth Sciences</i> , 2011, 32, 508-530.	0.6	76
81	Clouds and the Faint Young Sun Paradox. <i>Climate of the Past</i> , 2011, 7, 203-220.	1.3	61
82	AN ALUMINUM/CALCIUM-RICH, IRON-POOR, WHITE DWARF STAR: EVIDENCE FOR AN EXTRASOLAR PLANETARY LITHOSPHERE?. <i>Astrophysical Journal</i> , 2011, 739, 101.	1.6	111
83	Geomechanical and Geochemical Evidence of Piezonuclear Fission Reactions in the Earth's Crust. <i>Strain</i> , 2011, 47, 267-281.	1.4	31
84	Direct Quantitative Determination of Trace Elements in Fine-Grained Whole Rocks by Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry. <i>Geostandards and Geoanalytical Research</i> , 2011, 35, 7-22.	1.7	10
85	Multiscale magmatic cyclicality, duration of pluton construction, and the paradoxical relationship between tectonism and plutonism in continental arcs. <i>Tectonophysics</i> , 2011, 500, 20-33.	0.9	203
86	Hydrothermal calcium-carbonate veins reveal past ocean chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 1252-1268.	5.8	21
87	Early Cretaceous volcanism of the Coastal Ranges, NW Syria: Magma genesis and regional dynamics. <i>Lithos</i> , 2011, 126, 290-306.	0.6	14
88	Crustal evolution of the North Qinling terrain of the Qinling Orogen, China: Evidence from detrital zircon U-Pb ages and Hf isotopic composition. <i>Gondwana Research</i> , 2011, 20, 194-204.	3.0	158
89	Origin of High Electrical Conductivity in the Lower Continental Crust: A Review. <i>Surveys in Geophysics</i> , 2011, 32, 875-903.	2.1	60
90	The origin of high $\delta^{18}O$ zircons: marbles, megacrysts, and metamorphism. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 961-974.	1.2	48
91	The discovery of the oldest rocks in the Kuluketage area and its geological implications. <i>Science China Earth Sciences</i> , 2011, 54, 342-348.	2.3	107
92	Character and origin of variably deformed granitoids in central southern Sweden: implications from geochemistry and Nd isotopes. <i>Geological Journal</i> , 2011, 46, 597-618.	0.6	15

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93	A Reappraisal of Redox Melting in the Earth's Mantle as a Function of Tectonic Setting and Time. <i>Journal of Petrology</i> , 2011, 52, 1363-1391.	1.1	242
94	Possible juvenile Palaeoarchean TTG magmatism in eastern India and its constraints for the evolution of the Singhbhum craton. <i>Geological Magazine</i> , 2011, 148, 340-347.	0.9	81
95	Archean lithospheric mantle beneath Arkansas: Continental growth by microcontinent accretion. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 1763-1775.	1.6	31
96	Lithosphere-asthenosphere mixing in a transform-dominated late Paleozoic backarc basin: Implications for northern Cordilleran crustal growth and assembly. , 2012, 8, 716-739.		14
97	Isotopic constraints on stratigraphy in the central and eastern Yilgarn Craton, Western Australia. <i>Australian Journal of Earth Sciences</i> , 2012, 59, 657-670.	0.4	65
99	Experimental constraints on the destruction mechanism of the North China Craton. <i>Lithos</i> , 2012, 149, 91-99.	0.6	28
100	Decoupling of U-Pb and Lu-Hf isotopes and trace elements in zircon from the UHP North Qaidam orogen, NE Tibet (China): Tracing the deep subduction of continental blocks. <i>Lithos</i> , 2012, 155, 125-145.	0.6	66
101	Metamorphic chemical geodynamics in continental subduction zones. <i>Chemical Geology</i> , 2012, 328, 5-48.	1.4	488
102	Earth's heterogeneous mantle: A product of convection-driven interaction between crust and mantle. <i>Chemical Geology</i> , 2012, 330-331, 274-299.	1.4	343
103	Thermal evolution of Earth with xenon degassing: A self-consistent approach. <i>Earth and Planetary Science Letters</i> , 2012, 341-344, 1-9.	1.8	17
104	Thematic Issue: Archean Evolution of Yilgarn Craton. <i>Australian Journal of Earth Sciences</i> , 2012, 59, 599-601.	0.4	2
105	Crustal growth at active continental margins: Numerical modeling. <i>Physics of the Earth and Planetary Interiors</i> , 2012, 192-193, 1-20.	0.7	131
106	Mafic granulite rheology: Implications for a weak continental lower crust. <i>Earth and Planetary Science Letters</i> , 2012, 353-354, 99-107.	1.8	54
107	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
108	Statistical geochemistry reveals disruption in secular lithospheric evolution about 2.5% Gyr ago. <i>Nature</i> , 2012, 485, 490-493.	13.7	287
110	An indirect evidence of piezonuclear fission reactions: Geomechanical and geochemical evolution in the Earth's crust. <i>Physical Mesomechanics</i> , 2012, 15, 37-46.	1.0	15
111	Heavy metal, sex and granites: Crustal differentiation and bioavailability in the mid-Proterozoic. <i>Geology</i> , 2012, 40, 751-754.	2.0	24
113	Crustal homogenization revealed by U-Pb zircon ages and Hf isotope evidence from the Late Cretaceous granitoids of the Aġren intrusive suite (Central Anatolia/Turkey). <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 725-743.	1.2	29

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114	Late Carboniferous high $\hat{\mu}\text{Nd}(t)$ – $\hat{\mu}\text{Hf}(t)$ granitoids, enclaves and dikes in western Junggar, NW China: Ridge-subduction-related magmatism and crustal growth. <i>Lithos</i> , 2012, 140-141, 86-102.	0.6	111
115	Generation of Early Indosinian enriched mantle-derived granitoid pluton in the Sanjiang Orogen (SW Tj ETQq1 1 0.784314 rgBT /Ove	0.6	131
116	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
117	Crustal thickness controlled by plate tectonics: A review of crust–mantle interaction processes illustrated by European examples. <i>Tectonophysics</i> , 2012, 530-531, 18-49.	0.9	53
118	Dynamic role of the rheological contrast between cratonic and oceanic lithospheres in the longevity of cratonic lithosphere: A three-dimensional numerical study. <i>Tectonophysics</i> , 2012, 532-535, 156-166.	0.9	40
119	The geochemical composition of the terrestrial surface (without soils) and comparison with the upper continental crust. <i>International Journal of Earth Sciences</i> , 2012, 101, 365-376.	0.9	44
120	How many arcs can dance on the head of a plume?. <i>Precambrian Research</i> , 2013, 229, 189-197.	1.2	54
121	Moho depth and crustal composition in Southern Africa. <i>Tectonophysics</i> , 2013, 609, 267-287.	0.9	77
122	Zircon U–Pb geochronology and Hf isotope data from the Yangtze River sands: Implications for major magmatic events and crustal evolution in Central China. <i>Chemical Geology</i> , 2013, 360-361, 186-203.	1.4	92
123	Zircon U–Pb ages, trace elements and Nd–Hf isotopic geochemistry of Guyang sanukitoids and related rocks: Implications for the Archean crustal evolution of the Yinshan Block, North China Craton. <i>Precambrian Research</i> , 2013, 230, 61-78.	1.2	82
124	Four-dimensional numerical modeling of crustal growth at active continental margins. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4682-4698.	1.4	18
125	The South India Precambrian crust and shallow lithospheric mantle: Initial results from the India Deep Earth Imaging Experiment (INDEX). <i>Journal of Earth System Science</i> , 2013, 122, 1435-1453.	0.6	25
126	Secular changes in sedimentation systems and sequence stratigraphy. <i>Gondwana Research</i> , 2013, 24, 468-489.	3.0	99
127	Comments on “Geomechanical and Geochemical Evidence of Piezonuclear Fission Reactions in the Earth’s Crust” by A. Carpinteri and A. Manuello. <i>Strain</i> , 2013, 49, 544-547.	1.4	1
128	The continental record and the generation of continental crust. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 14-32.	1.6	484
129	Tectonic evolution and continental crust growth of Northern Xinjiang in northwestern China: Remnant ocean model. <i>Earth-Science Reviews</i> , 2013, 126, 178-205.	4.0	87
130	Early Paleozoic crustal anatexis in the intraplate Wuyi–Yunkai orogen, South China. <i>Lithos</i> , 2013, 175-176, 124-145.	0.6	65
131	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



#	ARTICLE	IF	CITATIONS
132	Mirror symmetry of the crust in the oil/gas region of Shengli, China. <i>Journal of Asian Earth Sciences</i> , 2013, 78, 327-344.	1.0	12
133	Influence of chemical weathering on the composition of the continental crust: Insights from Li and Nd isotopes in bauxite profiles developed on Columbia River Basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 115, 73-91.	1.6	95
134	Late Cretaceous crustal growth in the Gangdese area, southern Tibet: Petrological and Sr <sup>87</sup> /Nd <sup>143</sup> /Hf <sup>177</sup> /O isotopic evidence from Zhengga diorite-gabbro. <i>Chemical Geology</i> , 2013, 349-350, 54-70.	1.4	132
135	Late Cretaceous (100-89Ma) magnesian charnockites with adakitic affinities in the Milin area, eastern Gangdese: Partial melting of subducted oceanic crust and implications for crustal growth in southern Tibet. <i>Lithos</i> , 2013, 175-176, 315-332.	0.6	139
136	Generation of new continental crust by sublithospheric silicic-magma relamination in arcs: A test of Taylor's andesite model. <i>Gondwana Research</i> , 2013, 23, 1554-1566.	3.0	130
137	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
138	Continental growth and the crustal record. <i>Tectonophysics</i> , 2013, 609, 651-660.	0.9	135
139	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
140	Cretaceous lower crust of the continental margins of the northern Pacific: Petrological and geochronological data on lower to middle crustal xenoliths. <i>Petrology</i> , 2013, 21, 28-65.	0.2	31
141	A planetary perspective on Earth evolution: Lid Tectonics before Plate Tectonics. <i>Tectonophysics</i> , 2013, 589, 44-56.	0.9	63
142	Late Neoproterozoic potassic high Ba/Sr granites in the Taishan granite-greenstone terrane: Petrogenesis and implications for continental crustal evolution. <i>Chemical Geology</i> , 2013, 344, 23-41.	1.4	75
143	Numerical modeling of geochemical variations caused by crustal relamination. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 470-487.	1.0	58
144	Differential preservation in the geologic record of intraoceanic arc sedimentary and tectonic processes. <i>Earth-Science Reviews</i> , 2013, 116, 57-84.	4.0	66
145	Tonalite-granodiorite suites as cotectic systems: A review of experimental studies with applications to granitoid petrogenesis. <i>Earth-Science Reviews</i> , 2013, 124, 68-95.	4.0	160
146	Granite: From genesis to emplacement. <i>Bulletin of the Geological Society of America</i> , 2013, 125, 1079-1113.	1.6	464
147	The hunting of the snArc. <i>Precambrian Research</i> , 2013, 229, 20-48.	1.2	197
148	Large-scale gold mineralization in eastern China induced by an Early Cretaceous clockwise change in Pacific plate motions. <i>International Geology Review</i> , 2013, 55, 311-321.	1.1	71
149	Geochemistry and zircon geochronology of the Archean granite suites of the Rio Maria granite-greenstone terrane, Carajás Province, Brazil. <i>Journal of South American Earth Sciences</i> , 2013, 42, 103-126.	0.6	69

#	ARTICLE	IF	CITATIONS
150	Continental velocity through Precambrian times: The link to magmatism, crustal accretion and episodes of global cooling. <i>Geoscience Frontiers</i> , 2013, 4, 7-36.	4.3	31
151	Antarctica and supercontinent evolution: historical perspectives, recent advances and unresolved issues. <i>Geological Society Special Publication</i> , 2013, 383, 1-34.	0.8	89
152	A post-collision slab-breakoff model for the origin of the Middle Eocene magmatic rocks of the Armutlu-Almacak belt, NW Turkey and its regional implications. <i>Geological Society Special Publication</i> , 2013, 372, 107-139.	0.8	30
154	Growth rate of continental crust in the northeast margin of the North China Craton: Constraints from the U-Pb dating and Lu-Hf isotopes of detrital zircons from the Laoha River. <i>Geochemical Journal</i> , 2013, 47, 547-565.	0.5	4
155	Triassic sedimentation and postaccretionary crustal evolution along the Solonker suture zone in Inner Mongolia, China. <i>Tectonics</i> , 2014, 33, 960-981.	1.3	84
156	Ancient Plate Tectonics. , 2014, , 1-12.		0
157	Tying catchment to basin in a giant sediment routing system: a source-to-sink study of the Neogene Recent Amur River and its delta in the North Sakhalin Basin. <i>Geological Society Special Publication</i> , 2014, 386, 163-193.	0.8	5
158	Zircon xenocrysts in Tibetan ultrapotassic magmas: Imaging the deep crust through time. <i>Geology</i> , 2014, 42, 43-46.	2.0	85
159	Physics and Chemistry of Deep Continental Crust Recycling. , 2014, , 423-456.		50
160	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
161	Late Palaeozoic and early Mesozoic tectonic and palaeogeographic evolution of central China: evidence from U-Pb and Lu-Hf isotope systematics of detrital zircons from the western Qinling region. <i>International Geology Review</i> , 2014, 56, 351-392.	1.1	12
162	U-Th-Pb Geochronology. , 2014, , 341-378.		134
163	A synthesis of geochemistry and Sm-Nd isotopes of Archean granitoid gneisses in the Jiaodong Terrane: Constraints on petrogenesis and tectonic evolution of the Eastern Block, North China Craton. <i>Precambrian Research</i> , 2014, 255, 885-899.	1.2	28
164	Seismic imaging of crust beneath the Dharwar Craton, India, from ambient noise and teleseismic receiver function modelling. <i>Geophysical Journal International</i> , 2014, 197, 748-767.	1.0	40
165	Tectonics and geodynamics of granulite-gneiss complexes in the East European Craton. <i>Geotectonics</i> , 2014, 48, 496-522.	0.2	9
166	Petrology and zircon U-Pb dating combined with Hf isotope study of granitic rocks from the Kuluketage Block (Tarim Craton, NW China). <i>Journal of Geosciences (Czech Republic)</i> , 2014, , 275-291.	0.3	3
167	The Meso-Neoproterozoic Belomorian eclogite province: Tectonic position and geodynamic evolution. <i>Gondwana Research</i> , 2014, 25, 561-584.	3.0	60
168	Long-lived high-T, low-P granulite facies metamorphism in the Arunta Region, central Australia. <i>Journal of Metamorphic Geology</i> , 2014, 32, 25-47.	1.6	58

#	ARTICLE	IF	CITATIONS
169	Origin of andesitic rocks: Geochemical constraints from Mesozoic volcanics in the Luzong basin, South China. <i>Lithos</i> , 2014, 190-191, 220-239.	0.6	99
170	The off-crust origin of granite batholiths. <i>Geoscience Frontiers</i> , 2014, 5, 63-75.	4.3	91
171	The late Mesozoic–Cenozoic tectonic evolution of the South China Sea: A petrologic perspective. <i>Journal of Asian Earth Sciences</i> , 2014, 85, 178-201.	1.0	181
172	Where have all the craters gone? Earth's bombardment history and the expected terrestrial cratering record. <i>Geology</i> , 2014, 42, 587-590.	2.0	22
173	U–Pb, Lu–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
174	Mineral inclusions in sapphire from the basalt-related deposit in Bo Phloi, Kanchanaburi, western Thailand: indication of their genesis. <i>Russian Geology and Geophysics</i> , 2014, 55, 1087-1102.	0.3	21
175	U–Pb and Lu–Hf isotope systematics of detrital zircons from the Songpan–Ganzi Triassic flysch, NE Tibetan Plateau: implications for provenance and crustal growth. <i>International Geology Review</i> , 2014, 56, 29-56.	1.1	42
176	Crustal growth and reworking during Lapland–Kola orogeny in northern Fennoscandia: U–Pb and Lu–Hf data from the Nattanen and Litsa–Aragub-type granites. <i>Lithos</i> , 2014, 205, 112-126.	0.6	18
177	The Biophysics of Photosynthesis. , 2014, , .		21
178	Heat-producing crust regulation of subsurface temperatures: A stochastic model re-evaluation of the geothermal potential in southwestern Queensland, Australia. <i>Geothermics</i> , 2014, 51, 182-200.	1.5	6
179	Petrogenesis and tectonic implications of Late-Triassic high $\epsilon_{Nd(t)}$ - $\epsilon_{Hf(t)}$ granites in the Ailaoshan tectonic zone (SW China). <i>Science China Earth Sciences</i> , 2014, 57, 2181-2194.	2.3	40
180	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
181	Carbonado: Physical and chemical properties, a critical evaluation of proposed origins, and a revised genetic model. <i>Earth-Science Reviews</i> , 2014, 130, 49-72.	4.0	20
182	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
183	Preserved and modified mid-Archean crustal blocks in Dharwar craton: Seismological evidence. <i>Precambrian Research</i> , 2014, 246, 16-34.	1.2	54
184	Enrichments of the mantle sources beneath the Southern Volcanic Zone (Andes) by fluids and melts derived from abraded upper continental crust. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	1.2	32
185	Zircon U–Pb–Lu–Hf–O isotopic evidence for $\sim 3.5$ Ga crustal growth, reworking and differentiation in the northern Tarim Craton. <i>Precambrian Research</i> , 2014, 249, 115-128.	1.2	36
186	A Record of Paleoproterozoic Subduction Preserved in the Northern Slave Cratonic Mantle: Sr–Pb–O Isotope and Trace-element Investigations of Eclogite Xenoliths from the Jericho and Muscox Kimberlites. <i>Journal of Petrology</i> , 2014, 55, 549-583.	1.1	35

#	ARTICLE	IF	CITATIONS
187	Evolution processes of <i>Ordovician–Devonian arc system in the South–Kittami Massif and its relevance to the Ordovician ophiolite pulse</i> . <i>Island Arc</i> , 2015, 24, 73-118.	0.5	14
189	<i>Geochemistry and <sup>40</sup>Ar/<sup>39</sup>Ar geochronology of lavas from Tunupa volcano, Bolivia: Implications for plateau volcanism in the central Andean Plateau</i> . <i>Lithosphere</i> , 2015, 7, 95-107.	0.6	5
190	<i>Pan-African adakitic rocks of the north Arabian–Nubian Shield: petrological and geochemical constraints on the evolution of the Dokhan volcanics in the north Eastern Desert of Egypt</i> . <i>International Journal of Earth Sciences</i> , 2015, 104, 541-563.	0.9	15
192	<i>Formation and evolution of a Proterozoic magmatic arc: geochemical and geochronological constraints from meta-igneous rocks of the Ongole domain, Eastern Ghats Belt, India</i> . <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	1.2	27
193	<i>Episodic refertilization and metasomatism of Archean mantle: evidence from an orogenic peridotite in North Qaidam (NE Tibet, China)</i> . <i>Contributions To Mineralogy and Petrology</i> , 2015, 169, 1.	1.2	33
194	<i>Mantle Geochemical Geodynamics</i> . , 2015, , 521-585.		23
195	<i>Mechanism of Continental Crustal Growth</i> . , 2015, , 173-199.		3
196	<i>Transition to an oxygen-rich atmosphere with an extensive overshoot triggered by the Paleoproterozoic snowball Earth</i> . <i>Earth and Planetary Science Letters</i> , 2015, 419, 178-186.	1.8	17
197	<i>The Archean-Paleoproterozoic crustal evolution in the Dunhuang region, NW China: Constraints from zircon U–Pb geochronology and in situ Hf isotopes</i> . <i>Precambrian Research</i> , 2015, 271, 83-97.	1.2	56
198	<i>Magnetic signatures of the orogenic crust of the Patagonian Andes with implication for planetary exploration</i> . <i>Physics of the Earth and Planetary Interiors</i> , 2015, 248, 35-54.	0.7	6
199	<i>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> . <i>Lithos</i> , 2015, 236-237, 74-89.	0.6	118
200	<i>The nature of xenoliths in the Novaya Melovatka intrusion, Voronezh Crystalline Massif</i> . <i>Geochemistry International</i> , 2015, 53, 1028-1051.	0.2	4
201	<i>Towards an improved understanding of the mechanical properties and rheology of the lithosphere: an introductory article to ~Rock Deformation from Field, Experiments and Theory: A Volume in Honour of Ernie Rutter™</i> . <i>Geological Society Special Publication</i> , 2015, 409, 1-18.	0.8	0
202	<i>Pollution indexing and health risk assessments of trace elements in indoor dusts from classrooms, living rooms and offices in Ogun State, Nigeria</i> . <i>Journal of African Earth Sciences</i> , 2015, 101, 396-404.	0.9	67
204	<i>Temporal relations between mineral deposits and global tectonic cycles</i> . <i>Geological Society Special Publication</i> , 2015, 393, 9-21.	0.8	56
205	<i>Crustal evolution, intra-cratonic architecture and the metallogeny of an Archaean craton</i> . <i>Geological Society Special Publication</i> , 2015, 393, 23-80.	0.8	68
206	<i>The inception of a Paleotethyan magmatic arc in Iberia</i> . <i>Geoscience Frontiers</i> , 2015, 6, 297-306.	4.3	32
207	<i>The Precambrian supercontinent Palaeopangaea: two billion years of quasi-integrity and an appraisal of geological evidence</i> . <i>International Geology Review</i> , 2015, 57, 1389-1417.	1.1	10

#	ARTICLE	IF	CITATIONS
208	Lithological, structural, and geochemical characteristics of the Mesoarchean TÄrtoq greenstone belt, southern West Greenland, and the Chugach â€“ Prince William accretionary complex, southern Alaska: evidence for uniformitarian plate-tectonic processes. Canadian Journal of Earth Sciences, 2016, 53, 1336-1371.	0.6	38
209	Recognition of mantle input and its tectonic implication for the nature of âˆ¼4815 Ma magmatism in the Yangtze continental interior, South China. Precambrian Research, 2016, 279, 17-36.	1.2	8
210	Rb-Sr isotopic composition of granites in the Western KruÅ;nÃ© hory/Erzgebirge pluton, Central Europe: record of variations in source lithologies, mafic magma input and postmagmatic hydrothermal events. Mineralogy and Petrology, 2016, 110, 601-622.	0.4	4
211	Geochemistry, zircon Uâ€“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
212	Uâ€“Pb age and Hf isotopes of detrital zircons from the Southeastern North China Craton: Meso- to Neoproterozoic episodic crustal growth in a shifting tectonic regime. Gondwana Research, 2016, 35, 1-14.	3.0	19
213	Archean Continental Crustal Accretion and Banded Iron Formations, Southeastern North China Craton. Springer Geology, 2016, , 105-151.	0.2	0
214	Neodymium Isotopes. Encyclopedia of Earth Sciences Series, 2016, , 1-6.	0.1	0
215	Advent of Continents: A New Hypothesis. Scientific Reports, 2016, 6, 33517.	1.6	33
216	Slabâ€“Mantle Interaction in the Petrogenesis of Andesitic Magmas: Geochemical Evidence from Postcollisional Intermediate Volcanic Rocks in the Dabie Orogen, China. Journal of Petrology, 2016, 57, 1109-1134.	1.1	29
217	Multiple Mixing and Hybridization from Magma Source to Final Emplacement in the Permian Yamatu Pluton, the Northern Alxa Block, China. Journal of Petrology, 2016, 57, 933-980.	1.1	46
218	Crustal evolution of the Eastern Block in the North China Craton: Constraints from zircon Uâ€“Pb geochronology and Luâ€“Hf isotopes of the Northern Liaoning Complex. Precambrian Research, 2016, 275, 35-47.	1.2	58
219	Arc magmatic evolution and the construction of continental crust at the Central American Volcanic Arc system. International Geology Review, 2016, 58, 653-686.	1.1	21
220	Continental growth through accreted oceanic arc: Zircon Hfâ€“O isotope evidence for granitoids from the Qinling orogen. Geochimica Et Cosmochimica Acta, 2016, 182, 109-130.	1.6	51
221	Early Earth plume-lid tectonics: A high-resolution 3D numerical modelling approach. Journal of Geodynamics, 2016, 100, 198-214.	0.7	128
222	Implications of Uâ€“Pb and Luâ€“Hf isotopic analysis of detrital zircons for the depositional age, provenance and tectonic setting of the Permianâ€“Triassic Palaeotethyan Karakaya Complex, NW Turkey. International Journal of Earth Sciences, 2016, 105, 7-38.	0.9	62
223	Uâ€“Pb and Hf isotope records in detrital and magmatic zircon from eastern and western Dharwar craton, southern India: Evidence for coeval Archaean crustal evolution. Precambrian Research, 2016, 275, 496-512.	1.2	58
224	Detrital zircon geochronology and geochemistry of metasediments from the Vorontsovka terrane: implications for microcontinent tectonics. International Geology Review, 2016, 58, 1108-1126.	1.1	15
225	Anomalous supply of bioessential molybdenum in mid-Proterozoic surface environments. Precambrian Research, 2016, 275, 100-104.	1.2	3

#	ARTICLE	IF	CITATIONS
226	Is plate tectonics needed to evolve technological species on exoplanets?. <i>Geoscience Frontiers</i> , 2016, 7, 573-580.	4.3	62
227	Root zone of a continental rift: the Neoproterozoic Kebnekaise Intrusive Complex, northern Swedish Caledonides. <i>Gff</i> , 2016, 138, 31-53.	0.4	12
228	Underplating of basaltic magmas and crustal growth in a continental arc: Evidence from Late Mesozoic intermediate felsic intrusive rocks in southern Qiangtang, central Tibet. <i>Lithos</i> , 2016, 245, 223-242.	0.6	120
229	A major dyke swarm in the Ogaden region south of Afar and the early evolution of the Afar triple junction. <i>Geological Society Special Publication</i> , 2016, 420, 221-248.	0.8	14
230	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
231	Microblock amalgamation in the North China Craton: Evidence from Neoproterozoic magmatic suite in the western margin of the Jiaoliao Block. <i>Gondwana Research</i> , 2016, 31, 96-123.	3.0	127
232	Assessing the role of submarine groundwater discharge as a source of Sr to the Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 200, 42-54.	1.6	32
233	Ultrafast magmatic buildup and diversification to produce continental crust during subduction. <i>Geology</i> , 2017, 45, 235-238.	2.0	80
234	Nb/Ta Fractionation by Amphibole in Hydrous Basaltic Systems: Implications for Arc Magma Evolution and Continental Crust Formation. <i>Journal of Petrology</i> , 0, , egw070.	1.1	10
235	What Hf isotopes in zircon tell us about crust-mantle evolution. <i>Lithos</i> , 2017, 274-275, 304-327.	0.6	78
236	Early-Middle Triassic high Sr/Y granitoids in the southern Central Asian Orogenic Belt: Implications for ocean closure in accretionary orogens. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 2291-2309.	1.4	89
237	Paleozoic intrusive rocks from the Dunhuang tectonic belt, NW China: Constraints on the tectonic evolution of the southernmost Central Asian Orogenic Belt. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 562-587.	1.0	39
238	Melting of subducted continental crust: Geochemical evidence from Mesozoic granitoids in the Dabie-Sulu orogenic belt, east-central China. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 260-277.	1.0	96
239	The origin and tectonic significance of the volcanic rocks of the Yeba Formation in the Gangdese magmatic belt, South Tibet. <i>Journal of Earth Science (Wuhan, China)</i> , 2017, 28, 265-282.	1.1	30
240	Continental growth seen through the sedimentary record. <i>Sedimentary Geology</i> , 2017, 357, 16-32.	1.0	81
241	Proterozoic reworking of Archean (Yilgarn) basement in the Bunge Hills, East Antarctica. <i>Precambrian Research</i> , 2017, 298, 16-38.	1.2	33
242	Phanerozoic magma underplating and crustal growth beneath the North China Craton. <i>Terra Nova</i> , 2017, 29, 211-217.	0.9	11
243	Intra-oceanic arcs of the Paleo-Asian Ocean. <i>Gondwana Research</i> , 2017, 50, 167-194.	3.0	131

#	ARTICLE	IF	CITATIONS
244	Crustal basement controls granitoid magmatism, and implications for generation of continental crust in subduction zones: A Sr <sup>87</sup> /Nd <sup>143</sup> -Hf <sup>176</sup> /O isotopic study from the Paleozoic Tongbai orogen, central China. <i>Lithos</i> , 2017, 282-283, 298-315.	0.6	27
245	Geochemical constraints on the nature of magma sources for Triassic granitoids from South Qinling in central China. <i>Lithos</i> , 2017, 284-285, 30-49.	0.6	16
246	Precambrian continental crust evolution of Hainan Island in South China: Constraints from detrital zircon Hf isotopes of metaclastic-sedimentary rocks in the Shilu Fe-Co-Cu ore district. <i>Precambrian Research</i> , 2017, 296, 195-207.	1.2	17
247	Tectonic significance and geodynamic processes of large-scale Early Cretaceous granitoid magmatic events in the southern Great Xing'an Range, North China. <i>Tectonics</i> , 2017, 36, 615-633.	1.3	52
248	Assessing the effects of ultraviolet radiation on the photosynthetic potential in Archean marine environments. <i>International Journal of Astrobiology</i> , 2017, 16, 271-279.	0.9	3
249	The composite North American Craton, Superior Province: Deep crustal structure and mantle-plume model of Neoproterozoic evolution. <i>Precambrian Research</i> , 2017, 302, 94-121.	1.2	16
250	Late Neoproterozoic magmatism and tectonic evolution recorded in the Dengfeng Complex in the southern segment of the Trans-North China Orogen. <i>Precambrian Research</i> , 2017, 302, 180-197.	1.2	24
251	Magmatic evolution of a Cordilleran flare-up and its role in the creation of silicic crust. <i>Scientific Reports</i> , 2017, 7, 9047.	1.6	54
252	Habitability on Early Mars and the Search for Biosignatures with the ExoMars Rover. <i>Astrobiology</i> , 2017, 17, 471-510.	1.5	371
253	Heat production in granitic rocks: Global analysis based on a new data compilation GRANITE2017. <i>Earth-Science Reviews</i> , 2017, 172, 1-26.	4.0	77
254	Geochemical Analysis of Massif Armoricain (France) Sources for Neolithic Dolerite Axes. <i>Archaeometry</i> , 2017, 59, 593-611.	0.6	2
255	Enhanced provenance interpretation using combined U <sup>235</sup> -Pb and (U <sup>235</sup> -Th)/He double dating of detrital zircon grains from lower Miocene strata, proximal Gulf of Mexico Basin, North America. <i>Earth and Planetary Science Letters</i> , 2017, 475, 44-57.	1.8	40
256	An essential role for continental rifts and lithosphere in the deep carbon cycle. <i>Nature Geoscience</i> , 2017, 10, 897-902.	5.4	150
257	Metallogeny linked to mantle dynamics in the Sanjiang Tethys region as inferred from P-wave teleseismic tomographic study. <i>Ore Geology Reviews</i> , 2017, 90, 1032-1041.	1.1	2
258	Widespread Neoproterozoic (~ 2.7-2.6 Ga) magmatism of the Yangtze craton, South China, as revealed by modern river detrital zircons. <i>Gondwana Research</i> , 2017, 42, 1-12.	3.0	36
259	Tectonic Setting of the Kadiri Schist Belt, Andhra Pradesh, India. <i>Acta Geologica Sinica</i> , 2017, 91, 1992-2006.	0.8	13
260	Spatially and Temporally Associated Porphyry Deposits with Distinct Cu/Au/Mo Ratios, Woodjam District, Central British Columbia. <i>Economic Geology</i> , 2017, 112, 1673-1717.	1.8	5
262	Geochemistry and chronology of a diorite pluton in the Yinshan Block, implications for crustal growth and evolution of North China Craton. <i>Geological Journal</i> , 2018, 53, 2849-2862.	0.6	6

#	ARTICLE	IF	CITATIONS
263	Across-arc geochemical and Sr-Nd-Hf isotopic variations of mafic intrusive rocks at the southern Central Qilian block, China. <i>Gondwana Research</i> , 2018, 59, 108-125.	3.0	16
264	Geochronological and geochemical constraints on the petrogenesis of the 2.6-2.5 Ga amphibolites, low- and high-Al TTGs in the Wangwushan area, southern North China Craton: Implications for the Neoproterozoic crustal evolution. <i>Precambrian Research</i> , 2018, 307, 93-114.	1.2	19
265	Peridotite weathering is the missing ingredient of Earth's continental crust composition. <i>Nature Communications</i> , 2018, 9, 634.	5.8	36
266	Tellurium and selenium in Mesoproterozoic red beds. <i>Precambrian Research</i> , 2018, 305, 145-150.	1.2	14
267	Geochemical, Sr-Nd isotopic investigations and U-Pb zircon chronology of the Takht granodiorite, west Iran: Evidence for post-collisional magmatism in the northern part of the Urumieh-Dokhtar magmatic assemblage. <i>Journal of African Earth Sciences</i> , 2018, 139, 354-366.	0.9	7
268	Detrital Zircon Record of a Mesozoic Collisional Forearc Basin in South Central Alaska: The Tectonic Transition From an Oceanic to Continental Arc. <i>Tectonics</i> , 2018, 37, 529-557.	1.3	20
269	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
270	Variability of orogenic magmatism during Mediterranean-style continental collisions: A numerical modelling approach. <i>Gondwana Research</i> , 2018, 56, 119-134.	3.0	27
271	Early cretaceous lower crustal reworking in NE China: insights from geochronology and geochemistry of felsic igneous rocks from the Great Xing'an range. <i>International Journal of Earth Sciences</i> , 2018, 107, 1955-1974.	0.9	13
272	Recurrent Local Melting of Metasomatised Lithospheric Mantle in Response to Continental Rifting: Constraints from Basanites and Nephelinites/Melilitites from SE Germany. <i>Journal of Petrology</i> , 2018, 59, 667-694.	1.1	26
273	Multi-stage modification of Paleoproterozoic crust beneath the Anabar tectonic province (Siberian). <i>Tectonics</i> , 2018, 37, 529-557.	1.2	24
274	Petrogenesis of the Zheduoshan Cenozoic granites in the eastern margin of Tibet: Constraints on the initial activity of the Xianshuihe Fault. <i>Journal of Geodynamics</i> , 2018, 117, 49-59.	0.7	9
275	Oyster transcriptome response to <i>Alexandrium</i> exposure is related to saxitoxin load and characterized by disrupted digestion, energy balance, and calcium and sodium signaling. <i>Aquatic Toxicology</i> , 2018, 199, 127-137.	1.9	19
276	Geochemical characterization of the loess-paleosol sequence in northeast China. <i>Geoderma</i> , 2018, 321, 127-140.	2.3	15
277	Early crustal evolution of the eastern Yangtze Block: Evidence from detrital zircon U-Pb ages and Hf isotopic composition of the Neoproterozoic Huashan Group in the Dahongshan area. <i>Precambrian Research</i> , 2018, 309, 248-270.	1.2	29
278	Seismic evidence for secular evolution and alteration of Archaean crust in Indian shield. <i>Precambrian Research</i> , 2018, 304, 12-20.	1.2	11
279	On the increasing size of the orogens moving from the Alps to the Himalayas in the frame of the net rotation of the lithosphere. <i>Gondwana Research</i> , 2018, 62, 2-13.	3.0	12
280	Quantifying lithophilicity, chalcophilicity and siderophilicity. <i>European Journal of Mineralogy</i> , 2018, 30, 193-204.	0.4	11



#	ARTICLE	IF	CITATIONS
281	Dominant Lid Tectonics behaviour of continental lithosphere in Precambrian times: Palaeomagnetism confirms prolonged quasi-integrity and absence of supercontinent cycles. <i>Geoscience Frontiers</i> , 2018, 9, 61-89.	4.3	20
282	Genesis of late Early Cretaceous high-silica rhyolites in eastern Zhejiang Province, southeast China: A crystal mush origin with mantle input. <i>Lithos</i> , 2018, 296-299, 482-495.	0.6	32
283	Petrogenesis of the Late Triassic diorites in the Hoh Xil area, northern Tibet: Insights into the origin of the high-Mg# andesitic signature of continental crust. <i>Lithos</i> , 2018, 300-301, 348-360.	0.6	11
284	Gravitational Potential Energy per Unit Area as a Constraint on Archean Sea Level. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 4063-4095.	1.0	3
285	A Colorimetric Method for Measuring Iron Content in Plants. <i>Journal of Visualized Experiments</i> , 2018, , ,	0.2	1
286	Regionalization of the Atmospheric Dust Cycle on the Periphery of the East Antarctic Ice Sheet Since the Last Glacial Maximum. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3540-3554.	1.0	14
287	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
288	The Contribution of Synchrotron Light for the Characterization of Atmospheric Mineral Dust in Deep Ice Cores: Preliminary Results from the Talos Dome Ice Core (East Antarctica). <i>Condensed Matter</i> , 2018, 3, 25.	0.8	19
289	Triggers for the generation of post-collisional porphyry Cu systems in the Kerman magmatic copper belt, Iran: New constraints from elemental and isotopic (Sr-Nd-Hf-O) data. <i>Gondwana Research</i> , 2018, 64, 97-121.	3.0	32
290	<sup>2.85</sup> Ga and <sup>2.73</sup> Ga A-type granites and <sup>2.75</sup> 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
291	Paleoarchean bedrock lithologies across the Makhonjwa Mountains of South Africa and Swaziland linked to geochemical, magnetic and tectonic data reveal early plate tectonic genes flanking subduction margins. <i>Geoscience Frontiers</i> , 2018, 9, 603-665.	4.3	44
292	Early crustal evolution of the Yangtze Craton, South China: New constraints from zircon U-Pb-Hf isotopes and geochemistry of ca. <sup>2.9</sup> Ga- <sup>2.6</sup> Ga granitic rocks in the Zhongxiang Complex. <i>Precambrian Research</i> , 2018, 314, 325-352.	1.2	79
293	Tracking Deep Lithospheric Events with Garnet-Websterite Xenoliths from Southeastern Australia. <i>Journal of Petrology</i> , 2018, 59, 901-930.	1.1	16
294	Earth's Atmosphere. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 383-392.	0.1	0
295	Native Minerals. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 957-961.	0.1	0
296	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
297	Overview of Crust and Introduction to Seismic Observations on Indian Plate. , 2018, , 1-18.		0
299	From incipient island arc to doubly-vergent orogen: A review of geodynamic models and sedimentary basin fills of southern Central America. <i>Island Arc</i> , 2018, 27, e12255.	0.5	10

#	ARTICLE	IF	CITATIONS
300	Geochemistry and zircon U–Pb–Hf isotopes of the 780 Ma I-type granites in the western Yangtze Block: petrogenesis and crustal evolution. <i>International Geology Review</i> , 2019, 61, 1222-1243.	1.1	31
301	Fingerprinting Proterozoic Bedrock in Interior Wilkes Land, East Antarctica. <i>Scientific Reports</i> , 2019, 9, 10192.	1.6	19
302	An appraisal of geochemical signatures of komatiites from the greenstone belts of Dharwar Craton, India : Implications for temporal transition and Archean upper mantle hydration. <i>Geological Journal</i> , 2019, 54, 3088.	0.6	6
303	Variscan Magmatism. <i>Regional Geology Reviews</i> , 2019, , 497-526.	1.2	8
304	Onset of the supercontinent cycle: Evidence for multiple oceanic arc accretion events in the Paleoproterozoic Sefwi Greenstone Belt of the West African Craton. <i>Precambrian Research</i> , 2019, 335, 105450.	1.2	13
305	Circa 900 Ma low $\delta^{18}O$ A-type rhyolite in the northern Yangtze Block: Genesis and geological significance. <i>Precambrian Research</i> , 2019, 324, 155-169.	1.2	11
306	Sediment contribution in post-collisional high Ba-Sr magmatism: Evidence from the Xijing pluton in the Alxa block, NW China. <i>Gondwana Research</i> , 2019, 69, 177-192.	3.0	14
307	Contributions of basaltic underplating to crustal growth in island arc and extensional tectonic settings in the Chinese Tianshan Orogenic Belt, NW China. <i>Gondwana Research</i> , 2019, 69, 106-121.	3.0	4
308	Fragments of the late Paleozoic accretionary complex in central and northern Chile: Similarities and differences as a key to decipher the complexity of the late Paleozoic to Triassic early Andean events. , 2019, , 509-530.		2
309	Atmospheric dust dynamics in southern Central Asia: Implications for buildup of Tajikistan loess sediments. <i>Atmospheric Research</i> , 2019, 229, 74-85.	1.8	46
310	Uranium isotope evidence for limited euxinia in mid-Proterozoic oceans. <i>Earth and Planetary Science Letters</i> , 2019, 521, 150-157.	1.8	61
311	Nature and Evolution of Crust in Southern Lhasa, Tibet: Transformation From Microcontinent to Juvenile Terrane. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 6452-6474.	1.4	36
312	Granulite-grade garnet pyroxenite from the Kolli-massif, southern India: Implications for Archean crustal evolution. <i>Lithos</i> , 2019, 342-343, 499-512.	0.6	12
313	Geochemical variations of the Late Mesozoic granitoids in the southern margin of North China Craton: A possible link to the tectonic transformation from compression to extension. <i>Gondwana Research</i> , 2019, 75, 118-133.	3.0	27
314	Accessory mineral chemistry as a monitor of petrogenetic and metallogenetic processes: A comparative study of zircon and apatite from Wushan Cu- and Zhuxiling W(Mo)-mineralization-related granitoids. <i>Ore Geology Reviews</i> , 2019, 111, 102940.	1.1	18
315	Reappraisal of the Sumã Complex: geochemistry and geochronology of metaigneous rocks and implications for Paleoproterozoic subduction-accretion events in the Borborema Province, NE Brazil. <i>Brazilian Journal of Geology</i> , 2019, 49, .	0.3	6
316	Growing primordial continental crust self-consistently in global mantle convection models. <i>Gondwana Research</i> , 2019, 73, 96-122.	3.0	31
317	The Record of the Transition From an Oceanic Arc to a Young Continent in the Tamanca Cordillera. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2733-2752.	1.0	11

#	ARTICLE	IF	CITATIONS
318	Geochronological and geochemical insights into the tectonic evolution of the Paleoproterozoic Jiao-Liao-Ji Belt, Sino-Korean Craton. <i>Earth-Science Reviews</i> , 2019, 193, 162-198.	4.0	100
319	A new practical isobaric interference correction model for the <i>in situ</i> Hf isotopic analysis using laser ablation-multi-collector-ICP-mass spectrometry of zircons with high Yb/Hf ratios. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1223-1232.	1.6	39
320	Protracted evolution of the Marañón Valley Au Belt magmatic complex in the Peruvian Andes using zircon oxygen isotopes, Lu-Hf and U-Pb analyses. <i>Lithos</i> , 2019, 338-339, 34-57.	0.6	3
321	Crust and shallow mantle structure of south India by inverting interpolated receiver function with surface wave dispersion. <i>Journal of Asian Earth Sciences</i> , 2019, 176, 157-167.	1.0	7
322	Early Neoproterozoic gneissic granitoids in the southern Yili Block (NW China): Constraints on microcontinent provenance and assembly in the SW Central Asian Orogenic Belt. <i>Precambrian Research</i> , 2019, 325, 111-131.	1.2	36
323	Crustal reworking at convergent margins traced by Fe isotopes in I-type intrusions from the Gangdese arc, Tibetan Plateau. <i>Chemical Geology</i> , 2019, 510, 47-55.	1.4	8
324	Quantifying the Correlation Between Mobile Continents and Elevated Temperatures in the Subcontinental Mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1358-1386.	1.0	4
325	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
326	Making and altering the crust: A global perspective on crustal structure and evolution. <i>Earth and Planetary Science Letters</i> , 2019, 512, 8-16.	1.8	21
327	Eoarchaeon tectonics: New constraints from high pressure-temperature experiments and mass balance modelling. <i>Precambrian Research</i> , 2019, 325, 20-38.	1.2	39
328	Correlation between the Fluctuations in Worldwide Seismicity and Atmospheric Carbon Pollution. <i>Sci</i> , 2019, 1, 17.	1.8	0
329	Correlation between the Fluctuations in Worldwide Seismicity and Atmospheric Carbon Pollution. <i>Sci</i> , 2019, 1, 2.	1.8	2
331	Crustal growth and reworking: A case study from the Erguna Massif, eastern Central Asian Orogenic Belt. <i>Scientific Reports</i> , 2019, 9, 17671.	1.6	17
332	The significance of U-Pb zircon ages in zoned plutons: the case of the Flamenco pluton, Coastal Range batholith, northern Chile. <i>Geoscience Frontiers</i> , 2019, 10, 1073-1099.	4.3	10
333	Petrogenesis and source rocks of the high-K calc-alkaline and shoshonitic I-type granitoids in the northwestern part of East Junggar, NW China. <i>Lithos</i> , 2019, 326-327, 298-312.	0.6	20
334	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
335	Nishinoshima volcano in the Ogasawara Arc: New continent from the ocean?. <i>Island Arc</i> , 2019, 28, e12285.	0.5	20
336	Global-ocean redox variations across the Smithian-Spathian boundary linked to concurrent climatic and biotic changes. <i>Earth-Science Reviews</i> , 2019, 195, 147-168.	4.0	37

#	ARTICLE	IF	CITATIONS
337	Amalgamation of South China into Rodinia during the Grenvillian accretionary orogeny: Geochemical evidence from Early Neoproterozoic igneous rocks in the northern margin of the South China Block. <i>Precambrian Research</i> , 2019, 321, 221-243.	1.2	35
338	Geochronology and geochemistry of <i>ca</i> . 2.48 Ga granitoid gneisses from the Yudongzi Complex in the northwestern Yangtze Block, China. <i>Geological Journal</i> , 2019, 54, 879-896.	0.6	19
340	Integrated heavy mineral study of Jurassic to Paleogene sandstones in the Mandawa Basin, Tanzania: Sediment provenance and source-to-sink relations. <i>Journal of African Earth Sciences</i> , 2019, 150, 546-565.	0.9	25
341	Distribution and Geochemistry of Komatiites and Basalts Through the Archean. , 2019, , 103-132.		17
342	Petrogenesis of highly fractionated rhyolites in the southwestern Okinawa Trough: Constraints from whole-rock geochemistry data and Sr-Nd-Pb-O isotopes. <i>Geological Journal</i> , 2019, 54, 316-332.	0.6	21
343	U-Pb geochronology and coupled Hf-Nd-Sr isotopic-chemical constraints of the Cassiterita Orthogneiss (2.47-2.41-Ga) in the Mineiro belt, São Francisco craton: Geodynamic fingerprints beyond the Archean-Paleoproterozoic Transition. <i>Precambrian Research</i> , 2019, 326, 399-416.	1.2	44
344	Petrogenesis of the Neoproterozoic diorite-granite association in the Wangwushan area, southern North China Craton: Implications for continental crust evolution. <i>Precambrian Research</i> , 2019, 326, 84-104.	1.2	16
345	The dual origin of I-type granites: the contribution from experiments. <i>Geological Society Special Publication</i> , 2020, 491, 101-145.	0.8	36
346	Latest Permian-early Triassic arc amalgamation of the Eastern Tianshan (NW China): Constraints from detrital zircons and Hf isotopes of Devonian-Triassic sediments. <i>Geological Journal</i> , 2020, 55, 1708-1727.	0.6	21
347	Circa 2.5 Ga granitoids in the eastern North China craton: Melting from ca. 2.7 Ga accretionary crust. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 817-834.	1.6	5
348	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
349	Porphyry Cu fertility of the Loch Lilly-Kars Belt, Western New South Wales, Australia. <i>Australian Journal of Earth Sciences</i> , 2020, 67, 75-87.	0.4	2
350	Transition of subduction-related magmatism from slab melting to dehydration at 2.5 Ga. <i>Precambrian Research</i> , 2020, 337, 105524.	1.2	6
351	High-Temperature Fe Isotope Geochemistry. <i>Advances in Isotope Geochemistry</i> , 2020, , 85-147.	1.4	6
352	Orosirian magmatism in the Tapajás Mineral Province (Amazonian Craton): The missing link to understand the onset of Paleoproterozoic tectonics. <i>Lithos</i> , 2020, 356-357, 105350.	0.6	7
353	Olivine chemistry from Cameroon: evidence of carbonate metasomatism along the ocean-continent boundary of the Cameroon volcanic line. <i>Mineralogy and Petrology</i> , 2020, 114, 57-70.	0.4	3
354	Chemical geodynamics of mafic magmatism above subduction zones. <i>Journal of Asian Earth Sciences</i> , 2020, 194, 104185.	1.0	92
355	Long-lived localized magmatism in central-eastern part of the Pernambuco-Alagoas Domain, Borborema Province (NE Brazil): Implications for tectonic setting, heat sources, and lithospheric reworking. <i>Precambrian Research</i> , 2020, 337, 105559.	1.2	19

#	ARTICLE	IF	CITATIONS
356	Evolution of cratons through the ages: A time-dependent study. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115962.	1.8	6
357	Sulfide-bearing cumulates in deep continental arcs: The missing copper reservoir. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115971.	1.8	57
358	Petrogenesis of Early Cretaceous adakites in Tongguanshan Cu-Au polymetallic deposit, Tongling region, Eastern China. <i>Ore Geology Reviews</i> , 2020, 126, 103717.	1.1	7
359	Multi-stage Jurassic magmatism in the Liaodong Peninsula: Constraints on crustal evolution beneath the eastern North China Craton. <i>Lithos</i> , 2020, 402-403, 105897.	0.6	4
361	Crustal growth and reworking of Archean crust within the Rhyacian domains of the southeastern Guiana Shield, Brazil: Evidence from zircon U-Pb and whole-rock Sm-Nd geochronology. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102740.	0.6	9
362	Neoproterozoic crustal reworking in the Aravalli Craton: Petrogenesis and tectonometamorphic history of the Malola granite, Bhilwara area, northwestern India. <i>Geological Journal</i> , 2020, 55, 8186-8210.	0.6	8
363	The Evolution of the Continental Crust and the Onset of Plate Tectonics. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	95
364	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
365	Detrital zircon ages of the Mesoproterozoic metasedimentary rocks in the southern Yili Block: Implications for tectonic affinities of the microcontinents in SW Central Asian Orogenic Belt. <i>Precambrian Research</i> , 2020, 350, 105926.	1.2	16
366	Early Neoproterozoic tectonic evolution of the Erguna Terrane (NE China) and its paleogeographic location in Rodinia supercontinent: Insights from magmatic and sedimentary record. <i>Gondwana Research</i> , 2020, 88, 185-200.	3.0	16
367	A precise geochemical volcano-stratigraphy of the Deccan traps. <i>Lithos</i> , 2020, 376-377, 105754.	0.6	16
368	Origin of the Heping granodiorite pluton: Implications for syn-convergent extension and asthenosphere upwelling accompanying the early Paleozoic orogeny in South China. <i>Gondwana Research</i> , 2020, 85, 149-168.	3.0	13
369	Growth of primordial continents by cycles of oceanic lithosphere subductions: Evidence from tilted seismic anisotropy supported by geochemical and petrological findings. <i>Solid Earth Sciences</i> , 2020, 5, 50-68.	0.8	2
370	Zircon U-Pb age and Hf isotopic composition of the Carboniferous Çöğürçen granitoid in the western Sakarya Zone of Turkey. <i>Turkish Journal of Earth Sciences</i> , 2020, 49, 617-628.	0.4	7
371	Significance of age periodicity in the continental crust record: The São Francisco Craton and adjacent Neoproterozoic orogens as a case study. <i>Gondwana Research</i> , 2020, 86, 144-163.	3.0	7
372	Major Element Composition of Sediments in Terms of Weathering and Provenance: Implications for Crustal Recycling. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008758.	1.0	21
373	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
374	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

#	ARTICLE	IF	CITATIONS
375	Cycling phosphorus on the Archean Earth: Part I. Continental weathering and riverine transport of phosphorus. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 273, 70-84.	1.6	36
376	Petrogenesis of highly differentiated type volcanic rocks: Reinjection of high-temperature magma—An example from Suolun silicic volcanic rocks, central Great Xing'an Range, China. <i>Geological Journal</i> , 2020, 55, 6677-6695.	0.6	5
377	Archean basement components and metamorphic overprints of the Rangnim Massif in the northern part of the Korean Peninsula and tectonic implications for the Sino-Korean Craton. <i>Precambrian Research</i> , 2020, 344, 105735.	1.2	18
378	Geochronology and geochemistry of granodiorite at Jinwozi Au deposit: Tectonomagmatic evolution for Palaeozoic Beishan Orogen (Central Asian Orogenic Belt) in NW China. <i>Geological Journal</i> , 2020, 55, 6779-6798.	0.6	2
379	Mesozoic crustal thickness variations and related hydrothermal Cu mineralization in eastern Heilongjiang and Jilin Provinces, China. <i>International Geology Review</i> , 2021, 63, 1331-1341.	1.1	3
380	Evidence for Early Tonian (Ca. 1000-940 Ma) continental rifting in southern Borborema Province (NE) Tj ETQq1 1 0.784314 rgBT /Over International Geology Review, 2021, 63, 851-865.	1.1	20
381	Late Paleozoic tectonic evolution of the Kangguer Shear Zone and Yamansu Arc Belt, Eastern Tianshan (NW China): Constraints from structure, petrogenesis and geochronology of granitoids. <i>Lithos</i> , 2021, 380-381, 105821.	0.6	8
382	Temporal-spatial analysis of alkaline rocks based on GEOROC. <i>Applied Geochemistry</i> , 2021, 124, 104853.	1.4	1
383	Global zircon analysis records a gradual rise of continental crust throughout the Neoproterozoic. <i>Earth and Planetary Science Letters</i> , 2021, 554, 116654.	1.8	29
384	The accretion history of the South China Block at its northwest margin in the Neoproterozoic: Records from the Changba complex in the Mianlue zone. <i>Precambrian Research</i> , 2021, 352, 106006.	1.2	9
385	Petrogenesis of mafic microgranular enclaves (MMEs) in the oligocene-miocene granitoid plutons from northwest Anatolia, Turkey. <i>Chemie Der Erde</i> , 2021, 81, 125713.	0.8	8
386	A non-basaltic experimental cotectic array for calc-alkaline batholiths. <i>Lithos</i> , 2021, 382-383, 105929.	0.6	8
387	Gold, uranium, thorium, and rare earth mineralization in the Kadiri Volcanic Province of Eastern Dharwar Craton, India: An evaluation of mineralogical, textural, and geochemical attributes. <i>Geological Journal</i> , 2021, 56, 359-381.	0.6	1
388	Petrogenesis of an Early Permian bimodal intermediate-felsic suite in the East Junggar in Central Asian Orogenic Belt and tectonic implications. <i>Geological Journal</i> , 2021, 56, 547-571.	0.6	1
389	Net growth of the continental crust during the process of accretionary orogeny: Constraints from igneous rocks, southern margin of the middle section of the Central Asian Orogenic Belt. <i>Acta Petrologica Sinica</i> , 2021, 37, 1044-1060.	0.3	1
390	Late Jurassic high silica granites from the border area between Liaoning and Inner Mongolia: Petrogenesis and tectonic implication. <i>Acta Petrologica Sinica</i> , 2021, 37, 1061-1081.	0.3	0
391	Petrogenesis of Middle Jurassic granitoids in Houdaomu, Central Jilin Province: Implications for the growth of Proterozoic continental crust in the eastern CAOB. <i>Acta Petrologica Sinica</i> , 2021, 37, 2051-2072.	0.3	2
392	Geochemical and Nd-Hf Isotopic Constraints on the Petrogenesis of an Archean Granitoid in the Erguna Massif (NE China). <i>Acta Geologica Sinica</i> , 0, , .	0.8	2

#	ARTICLE	IF	CITATIONS
393	A Paleoproterozoic complex in the Hong'an orogenic belt, central China: New evidence for a Paleoproterozoic collisional orogenic belt in the Yangtze Block. <i>Acta Petrologica Sinica</i> , 2021, 37, 2123-2152.	0.3	2
394	Magmatic flare-up causes crustal thickening at the transition from subduction to continental collision. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	19
395	U-Pb-Hf-O-Nd isotopic and geochemical constraints on the origin of Archean TTG gneisses from the North China Craton: Implications for crustal growth. <i>Precambrian Research</i> , 2021, 354, 106078.	1.2	8
396	Tonalite-trondjemite-granodiorite formation of the Archaean. Special features of composition and conditions of formation, Ukrainian Shield as an example. <i>Geofizicheskiy Zhurnal</i> , 2021, 43, 38-68.	0.0	3
397	Lithostratigraphy and geochemistry of Aojiki volcano and Sumiyoshiike and Yonemaru maars, Kamo Volcanic Field (Southern Kyushu), Japan. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 412, 107170.	0.8	3
398	The Generation of Arc Andesites and Dacites in the Lower Crust of a Cordilleran Arc, Fiordland, New Zealand. <i>Journal of Petrology</i> , 2021, 62, .	1.1	8
399	Geochronology and geochemistry of the Xiaoqinling Taihua Complex in the southern Trans-North China Orogen: Implications for magmatism during the early Paleoproterozoic global tectono-magmatic shutdown. <i>Lithos</i> , 2021, 402-403, 106248.	0.6	5
400	Recent Developments in Instrumentation and its Application in Absolute Dating: Historical Perspective and Overview. <i>Journal of Asian Earth Sciences</i> , 2021, 211, 104690.	1.0	7
401	The production of granitic magmas through crustal anatexis at convergent plate boundaries. <i>Lithos</i> , 2021, 402-403, 106232.	0.6	43
402	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
403	Geochronology, geochemistry, and isotope compositions of 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
404	Genesis of the Donggushan tungsten polymetallic deposit, central Anhui Province: A clue of diagenetic and metallogenic system of a crustal source. <i>Ore Geology Reviews</i> , 2021, 134, 104163.	1.1	0
405	Exploring the relationships between shear zones and granites: field and microstructural data for contrasting case studies of the Borborema Province (NE Brazil). <i>Geologia USP - Serie Cientifica</i> , 2021, 21, 3-18.	0.1	2
406	Paired U and Mo isotope evidence for pervasive anoxia in the Cryogenian early interglacial ocean. <i>Precambrian Research</i> , 2021, 361, 106244.	1.2	10
407	Collision-related porphyry Cu deposits formed by input of ultrapotassic melts into the sulfide-rich lower crust. <i>Terra Nova</i> , 2021, 33, 582-589.	0.9	13
408	Tectonic switches recorded in a Paleoproterozoic accretionary orogen in the Alta Floresta Mineral Province, southern Amazonian Craton. <i>Precambrian Research</i> , 2021, 364, 106324.	1.2	9
409	Zircon U Pb Hf and geochemical analyses of paragneiss and granitic gneiss from Oki-Dogo Island, Southwest Japan and its tectonic implications. <i>Lithos</i> , 2021, 396-397, 106217.	0.6	6
410	Evaluating the geochemistry and paired silicon and oxygen isotope record of quartz in siliceous rocks from the ~3 Ga Buhwa Greenstone Belt, Zimbabwe, a critical link to deciphering the Mesoarchean silica cycle. <i>Chemical Geology</i> , 2021, 577, 120300.	1.4	3

#	ARTICLE	IF	CITATIONS
411	Building a continental arc section: Constraints from Paleozoic granulite-facies metamorphism, anatexis, and magmatism in the northern margin of the Qilian Block, northern Tibet Plateau. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1301-1318.	1.6	7
412	Deep entrapment of buoyant magmas by orogenic tectonic stress: Its role in producing continental crust, adakites, and porphyry copper deposits. <i>Earth-Science Reviews</i> , 2021, 220, 103744.	4.0	44
413	Early Mesozoic crustal evolution in the NW segment of West Qinling, China: Evidence from diverse intermediate- to felsic igneous rocks. <i>Lithos</i> , 2021, 396-397, 106187.	0.6	5
414	Early Paleozoic and Late Mesozoic crustal reworking of the South China Block: Insights from Early Silurian biotite granodiorites and Late Jurassic biotite granites in the Guangzhou area of the south-east Wuyi-Yunkai orogeny. <i>Journal of Asian Earth Sciences</i> , 2021, 219, 104890.	1.0	6
415	Crustal melting and suprasolidus phase equilibria: From first principles to the state-of-the-art. <i>Earth-Science Reviews</i> , 2021, 221, 103778.	4.0	21
416	A plume - mantle interaction model for the petrogenesis of komatiite - komatiitic basalt - basalt - basaltic andesite volcanism from the Paleoproterozoic (3.57-3.31 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
417	Cyclic tectono-magmatic evolution of TTG source regions in plume-lid tectonics. <i>Gondwana Research</i> , 2021, 99, 93-109.	3.0	7
418	Earth's Continental Crust. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 392-418.	0.1	6
419	Crustal Evolution and Deformation in a Non-Plate-Tectonic Archaean Earth: Comparisons with Venus. <i>Modern Approaches in Solid Earth Sciences</i> , 2014, , 215-291.	0.1	39
420	Uranium isotopes in marine carbonates as a global ocean paleoredox proxy: A critical review. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 27-49.	1.6	63
421	Future climates: Markov blankets and active inference in the biosphere. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200503.	1.5	33
422	Thermomechanical modeling of the Altiplano-Puna deformation anomaly: Multiparameter insights into magma mush reorganization. , 0, , GES01420.1.		15
423	Petrogenesis of igneous rocks and ore-forming material source of the Nating porphyry Cu (Au) deposit in the western section of the Bangong Co-Nujiang metallogenic belt, Tibet. <i>Acta Petrologica Sinica</i> , 2019, 35, 1717-1737.	0.3	4
424	Geochronology and Hf isotopes of detrital zircons from Lower Proterozoic magnetite quartzites, NE Tarim, NW China: Constraints on the Precambrian evolution of central Asia. <i>Geochemical Journal</i> , 2015, 49, 425-442.	0.5	3
425	Provenance of Cretaceous and Paleocene sandstones in the West Greenland basins based on detrital zircon dating. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 13, 29-32.	2.0	10
426	A well-preserved bimodal Archaean volcanic succession in the Tasiusarsuaq terrane, South-West Greenland. <i>Geological Survey of Denmark and Greenland Bulletin</i> , 0, 13, 53-56.	2.0	5
428	Reconstruction of the structure of Ordovician-Devonian arc system and its evolution processes: Hayachine - Miyamori ophiolite and Motai high-pressure metamorphic rocks in Iwate Prefecture. <i>Journal of the Geological Society of Japan</i> , 2013, 119, S134-S153.	0.2	6
429	Heavy Metals Speciation and Human Health Risk Assessment at an Illegal Gold Mining Site in Igun, Osun State, Nigeria. <i>Journal of Health and Pollution</i> , 2015, 5, 19-32.	1.8	39



#	ARTICLE	IF	CITATIONS
430	Atmospheric oxygenation of the early earth and earth-like planets driven by competition between land and seafloor weathering. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	3
431	The role of continental fragments in the formation of intra-oceanic arcs: Constraints from Sr-Nd-Hf-O isotopes of gabbro from the Jiamusi Block, NE China. <i>Gondwana Research</i> , 2022, 103, 297-313.	3.0	8
432	Title is missing!. <i>Estudios Geologicos</i> , 2006, 62, .	0.7	0
433	From Ionizing Radiation to Photosynthesis. , 2014, , 383-432.		1
434	Composition of the Crust and the Mantle. , 2015, , 3-28.		0
435	Use of Magnesium Stable Isotope Signatures for the Petrogenetic Interpretation of Granitic Rocks. <i>The Journal of the Petrological Society of Korea</i> , 2014, 23, 221-227.	0.2	2
438	Evolution and Fate of Chemical Elements in the Earth's Crust, Ocean, and Atmosphere. , 2015, , 163-181.		1
439	A Very Solid Fuel: Ferrous Iron Oxide as a Geochemical Energy Source. <i>Natural Resources</i> , 2015, 06, 115-122.	0.2	0
440	Earth's Continental Crust. <i>Encyclopedia of Earth Sciences Series</i> , 2017, , 1-27.	0.1	1
441	Neodymium Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 967-973.	0.1	1
442	Early Jurassic high $\hat{\mu}\text{Nd}(t)$ - $\hat{\mu}\text{Hf}(t)$ granites in the Southeastern South China Block: Early Jurassic crustal growth or crustal reworking?. <i>Journal of Asian Earth Sciences</i> , 2022, 223, 104995.	1.0	7
443	Origin of high $\hat{\mu}\text{Mg}$ arc volcanism and fate of subducted sedimentary carbonates in the western Pacific: Evidence from partial melting experiments on mixed sediment and peridotite. <i>Geological Journal</i> , 2022, 57, 425-439.	0.6	1
445	The Mesozoic magmatic, metamorphic, and tectonic evolution of the eastern Gangdese magmatic arc, southern Tibet. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1721-1740.	1.6	9
446	Provenance and depositional history of the Mesozoic Sanjiang Basin (northeastern China): implications for the uplift history of the northeastern Asian continental margin. <i>Geological Magazine</i> , 0, , 1-18.	0.9	1
447	Revisit of thorium-based dust fluxes and their implications for the iron fertilization hypothesis. <i>Journal of Oceanography</i> , 2022, 78, 49-62.	0.7	1
448	A Geochemical Review of Amphibolite, Granulite, and Eclogite Facies Lithologies: Perspectives on the Deep Continental Crust. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022791.	1.4	10
449	Neoproterozoic basement, mantle enrichment and crustal extraction in central Asia: petrogenesis of 2.5 Ga amphibolite and metadiorite in NE China. <i>Numerische Mathematik</i> , 2021, 321, 1350-1379.	0.7	2
450	Mobilisation of deep crustal sulfide melts as a first order control on upper lithospheric metallogeny. <i>Nature Communications</i> , 2022, 13, 573.	5.8	23

#	ARTICLE	IF	CITATIONS
451	Recycling of supra-crustal materials in the rhyolites from north Sonid Youqi: implications for the crustal evolution in the southeast Central Asian Orogenic Belt. <i>International Journal of Earth Sciences</i> , 2022, 111, 703.	0.9	1
452	The formation of tonalitic and granodioritic melt from Venusian basalt. <i>Scientific Reports</i> , 2022, 12, 1652.	1.6	0
453	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
454	Multiple Melting of a Heterogeneous Mantle and Episodic Accretion of Oceanic Crust in a Spreading Zone: Zircon U-Pb Age and Hf-O Isotope Evidence from an Oceanic Core Complex of the Mid-Atlantic Ridge. <i>Petrology</i> , 2022, 30, 1-24.	0.2	5
455	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
456	Composition, Age, and Origin of Ordovician-Devonian Tanjianshan granitoids in the North Qaidam Orogenic Belt of northern Tibet: Implications for Tectonic Evolution. <i>International Geology Review</i> , 0, , 1-28.	1.1	1
457	Maturation of East Junggar oceanic arc related to supracrustal recycling driven by arc-arc collision: perspectives from zircon Hf-O isotopes. <i>International Journal of Earth Sciences</i> , 2022, 111, 2519-2533.	0.9	2
458	Late Mesozoic Huangbeiling S-type granite in the East Qinling Orogen, China: Geochronology, petrogenesis and implications for tectonic evolution. <i>Chemie Der Erde</i> , 2022, 82, 125857.	0.8	10
459	Geochemistry, geochronology, and Hf isotope of diorites in the Marzheng area: Implications for the Early Palaeozoic tectonic evolution of the East Kunlun Orogenic Belt. <i>Geological Journal</i> , 2022, 57, 2284-2301.	0.6	2
461	Multistage evolution of subcontinental lithospheric mantle of northwestern Deccan volcanic province, India: Constraints from the ultramafic xenoliths in alkali magma. <i>Journal of Earth System Science</i> , 2022, 131, 1.	0.6	2
462	An overview on the Rhyacian-Orosirian (ca. 2.1-2.0 Ga) granitic magmatism of the Alto Moxotá <sup>3</sup> Terrane and its implications for the crustal evolution of the Borborema Province, NE Brazil. <i>Journal of Iberian Geology</i> , 2022, 48, 225-239.	0.7	6
463	Late Cretaceous Metamorphism and Anatexis of the Gangdese Magmatic Arc, South Tibet: Implications for Thickening and Differentiation of Juvenile Crust. <i>Journal of Petrology</i> , 2022, 63, .	1.1	7
464	A crustal growth model for the eastern Central Asian Orogenic Belt: Constraints from granitoids in the Songnen Massif and Duobaoshan terrane. <i>Gondwana Research</i> , 2022, 107, 325-338.	3.0	6
465	Pre-collisional crustal evolution of the European Variscan periphery: Constraints from detrital zircon U-Pb ages and Hf isotopic record in the Precambrian metasedimentary basement of the Brunovistulian Domain. <i>Precambrian Research</i> , 2022, 372, 106606.	1.2	7
466	Late Neoproterozoic high-grade regional metamorphism in the eastern North China Craton: New constraints from monazite dating in northern Liaoning. <i>Precambrian Research</i> , 2022, 373, 106625.	1.2	6
467	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
468	Igneous Rock Associations 28. Construction of a Venusian Greenstone Belt: A Petrological Perspective. <i>Geoscience Canada</i> , 2021, 48, .	0.3	0
469	Insights from Lu-Hf zircon isotopic data on the crustal evolution of Avalonia and Ganderia in the northern Appalachian orogen. , 2022, , 173-207.		6

#	ARTICLE	IF	CITATIONS
470	Mantle noble gas abundance ratios inferred from oceanic basalts and model estimates. <i>Physics of the Earth and Planetary Interiors</i> , 2022, 327, 106875.	0.7	2
471	Evolution of the Continental Crust in the Northern Tibetan Plateau: Constraints From Geochronology and Hf Isotopes of Detrital Zircons. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	0
472	Nd-Hf isotopic systematics of the arc mantle and their implication for continental crust growth. <i>Chemical Geology</i> , 2022, 602, 120897.	1.4	5
473	Zircon U-Pb age, whole-rock geochemistry and Nd-Sr-Pb isotope constraints on petrogenesis of the Eocene Zajkan gabbro monzogranite intrusion, Taram-Hashtjin magmatic belt, NW Iran. <i>Australian Journal of Earth Sciences</i> , 0, , 1-18.	0.4	1
474	Oldest Basement (ca. 462 Ma) in Indonesian Borneo and its Implication for Early Paleozoic Tectonic Evolution of SE Asia. <i>Acta Geologica Sinica</i> , 2022, 96, 2093-2104.	0.8	3
475	U-Pb geochronology of the Silurian-Devonian Bega Batholith, south-eastern Australia: Insights into the origin and development of I-type granites. <i>Gondwana Research</i> , 2022, 111, 1-19.	3.0	3
476	Macrostratigraphy of the Ediacaran System in North America. , 2022, , .		2
477	In-run measuring <sup>177</sup> Hf/ <sup>160</sup> Yb/ <sup>177</sup> Hf as a routine technique for in-situ Hf isotopic compositions analysis in zirconium-bearing minerals by laser ablation MC-ICP-MS. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2022, 194, 106486.	1.5	1
478	Composition and evolution of the continental crust: Retrospect and prospect. <i>Geoscience Frontiers</i> , 2022, 13, 101428.	4.3	5
479	Petrogenesis of newly identified Neoproterozoic granitoids in the Qingyuan of NE China: Implications on crustal growth and reworking of the North China Craton. <i>Journal of Asian Earth Sciences</i> , 2022, 236, 105333.	1.0	2
480	Growth of continental crust in intra-oceanic and continental-margin arc systems: Analogs for Archean systems. <i>Science China Earth Sciences</i> , 2022, 65, 1615-1645.	2.3	22
481	æ'â†...â¼šâ'ĈÉ™†ç¼¼~â¼šâ¼²“ç³»ä,çš,,âŠé™†âœ°â¼³ç”ÿé.¿&lt;bold&gt; &lt;/bold&gt; ; &lt;/bold&gt; ; ä,žâ¼â¼Œ™â¼²“ç³»çš,,ç±»>		
482	The subduction-related Saindak porphyry Cu-Au deposit formed by remelting of a thickened juvenile lower crust underneath the Chagai belt, Pakistan. <i>Ore Geology Reviews</i> , 2022, 149, 105062.	1.1	2
483	Global tectonics and oxygenation events drove the Earth-scale phosphorus cycle. <i>Earth-Science Reviews</i> , 2022, 233, 104166.	4.0	5
484	<sc>Subâ€micrometre</sc> Resolution <sc>FIBâ€SEM</sc> â€based <sc>ToFâ€SIMS</sc> Used to Map Geochemical Zoning in Four Zircon Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2023, 47, 125-142.	1.7	1
485	Geochemical studies of hybrid granite from Madugulapalli area, Eastern Dharwar Craton, Southern India: Implications for crustal mixing. <i>Acta Geochimica</i> , 2023, 42, 9-23.	0.7	1
486	Archean to Paleoproterozoic crustal evolution in the Sassandra-Cavally domain (CÃte dâ€Ivoire, West) Tj ETQq0 0.0 rgBT /Qverlock 10	1.2	2
487	Geochronological constraints of high-grade metasedimentary rocks of the Italva and Costeiro basins: Reconstructing the Outer Magmatic Arc System of the ribeira belt, SE Brazil. <i>Precambrian Research</i> , 2022, 382, 106879.	1.2	1

#	ARTICLE	IF	CITATIONS
488	Water-Rock Interaction in Oceanic Subduction Zone:Serpentinization. Journal of Engineering Studies, 2016, 08, 258-268.	0.0	3
489	Detrital zircons from high-pressure trench sediments (Qilian Orogen): Constraints on continental-arc accretion, subduction initiation and polarity of the Proto-Tethys Ocean. Gondwana Research, 2023, 113, 194-209.	3.0	5
490	Metal pollution in marine environment: sources and impact assessment. , 2023, , 175-193.		1
491	Trace element and Nd isotope analyses of apatite in granitoids and metamorphosed granitoids from the eastern Central Asian Orogenic Belt: Implications for petrogenesis and post-magmatic alteration. Geoscience Frontiers, 2023, 14, 101517.	4.3	4
492	å  , ä½•ä»Žã²©æµtã¾µã...¥ã½“æŽŸç©Ÿç«ã±ã—ã‘æœªãŸŸi¼Ÿ. Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of Geosciences, 2022, 47, 3800.	0.1	0
493	Voluminous continental growth of the Altaids and its control on metallogeny. National Science Review, 2023, 10, .	4.6	10
494	Composition and Evolution of Continental Crust at Orogenic Belts: Constraints From a 3â€œ Crustal Model of Southeast China. Journal of Geophysical Research: Solid Earth, 2022, 127, .	1.4	0
495	Secular Evolution of Continents and the Earth System. Reviews of Geophysics, 2022, 60, .	9.0	40
496	Growth of the continental crust induced by slab rollback in subduction zones: Evidence from Middle Jurassic arc andesites in central Tibet. Gondwana Research, 2023, 117, 8-22.	3.0	2
497	Pulse-like ruptures, seismic swarms, and tremorgenic slow-slip events with thermally activated friction. Earth and Planetary Science Letters, 2023, 603, 117983.	1.8	8
498	Sediment recycling by continental subduction indicated by B-Hf-Pb-Nd isotopes from Mioceneâ€œQuaternary lavas in the northern margin of Tibet. Lithos, 2023, 444-445, 107109.	0.6	0
499	Zircon Uâ€œPb geochronology and Smâ€œNd and Rbâ€œSr isotope systematics of Neoproterozoic granitoÃ“ds from Bou Azzer (Anti-Atlas - Morocco): The obduction trigger of the central Anti-Atlas terrane. Journal of African Earth Sciences, 2023, 202, 104900.	0.9	5
500	Mobilization of Cu in the continental lower crust: A perspective from Cu isotopes. Geoscience Frontiers, 2023, 14, 101590.	4.3	5
501	Evolution of the preserved European continental crust, constrained by U-Pb, O and Hf isotopic analyses of river detrital zircons. Geochimica Et Cosmochimica Acta, 2023, 346, 133-148.	1.6	0
502	Phosphorus deficit in continental crust induced by recycling of apatite-bearing cumulates. Geology, 2023, 51, 500-504.	2.0	0
530	CHAPTER 6: GRANITES, MIGMATITES AND RESIDUAL GRANULITES: RELATIONSHIPS AND PROCESSES. , 2008, , 97-144.		0