Xiaoping Long

List of Publications by Year
in descending order

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151 papers	7,430 citations	38660 50 h-index	60497 81 g-index
151 all docs	151 docs citations	151 times ranked	2216 citing authors

#	Article	IF	Citations
1	Zircon Uâ€“Pb and Hf isotopic study of gneissic rocks from the Chinese Altai: Progressive accretionary history in the early to middle Palaeozoic. Chemical Geology, 2008, 247, 352-383.	1.4	296
2	Archean crustal evolution of the northern Tarim craton, NW China: Zircon Uâ€“Pb and Hf isotopic constraints. Precambrian Research, 2010, 180, 272-284.	1.2	294
3	Accretionary orogenesis of the Chinese Altai: Insights from Paleozoic granitoids. Chemical Geology, 2007, 242, 22-39.	1.4	272
4	Reworking of the Tarim Craton by underplating of mantle plume-derived magmas: Evidence from Neoproterozoic granitoids in the Kuluketage area, NW China. Precambrian Research, 2011, 187, 1-14.	1.2	234
5	Post-collisional plutons in the Balikun area, East Chinese Tianshan: Evolving magmatism in response to extension and slab break-off. Lithos, 2010, 119, 269-288.	0.6	205
6	Detrital zircon ages and Hf isotopes of the early Paleozoic flysch sequence in the Chinese Altai, NW China: New constrains on depositional age, provenance and tectonic evolution. Tectonophysics, 2010, 480, 213-231.	0.9	187
7	Detrital zircon age and Hf isotopic studies for metasedimentary rocks from the Chinese Altai: Implications for the Early Paleozoic tectonic evolution of the Central Asian Orogenic Belt. Tectonics, 2007, 26, .	1.3	177
8	Prolonged magmatism, juvenile nature and tectonic evolution of the Chinese Altai, NW China: Evidence from zircon Uâ€“Pb and Hf isotopic study of Paleozoic granitoids. Journal of Asian Earth Sciences, 2011, 42, 949-968.	1.0	176
9	Early Paleozoic sedimentary record of the Chinese Altai: Implications for its tectonic evolution. Sedimentary Geology, 2008, 208, 88-100.	1.0	173
10	Late Carboniferous high-Mg dioritic dikes in Western Junggar, NW China: Geochemical features, petrogenesis and tectonic implications. Gondwana Research, 2010, 17, 145-152.	3.0	172
11	Triassic granitoids in the eastern Songpan Ganzi Fold Belt, SW China: Magmatic response to geodynamics of the deep lithosphere. Earth and Planetary Science Letters, 2010, 290, 481-492.	1.8	171
12	Geochemistry and Uâ€“Pb detrital zircon dating of Paleozoic graywackes in East Junggar, NW China: Insights into subductionâ€“accretion processes in the southern Central Asian Orogenic Belt. Gondwana Research, 2012, 21, 637-653.	3.0	158
13	Early Paleozoic ridge subduction in the Chinese Altai: Insight from the abrupt change in zircon Hf isotopic compositions. Science in China Series D: Earth Sciences, 2009, 52, 1345-1358.	0.9	155
14	Geochronological and geochemical study of mafic dykes from the northwest Chinese Altai: Implications for petrogenesis and tectonic evolution. Gondwana Research, 2010, 18, 638-652.	3.0	142
15	Geochronology, petrogenesis and tectonic significance of peraluminous granites from the Chinese Altai, NW China. Lithos, 2011, 127, 261-281.	0.6	135
16	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. Precambrian Research, 2012, 222-223, 474-487.	1.2	122
17	Underplating of basaltic magmas and crustal growth in a continental arc: Evidence from Late Mesozoic intermediateâ€“felsic intrusive rocks in southern Qiangtang, central Tibet. Lithos, 2016, 245, 223-242.	0.6	120
18	Geochemistry and Nd isotopic composition of the Early Paleozoic flysch sequence in the Chinese Altai, Central Asia: Evidence for a northward-derived mafic source and insight into Nd model ages in accretionary orogen. Gondwana Research, 2012, 22, 554-566.	3.0	116

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19	The discovery of the oldest rocks in the Kuluketage area and its geological implications. Science China Earth Sciences, 2011, 54, 342-348.	2.3	107
20	The Â390 Ma high-T metamorphic event in the Chinese Altai: A consequence of ridge-subduction?. Numerische Mathematik, 2010, 310, 1421-1452.	0.7	104
21	Precambrian detrital zircons in the Early Paleozoic Chinese Altai: Their provenance and implications for the crustal growth of central Asia. Precambrian Research, 2011, 189, 140-154.	1.2	104
22	Carboniferous mantle-derived felsic intrusion in the Chinese Altai, NW China: Implications for geodynamic change of the accretionary orogenic belt. Gondwana Research, 2012, 22, 681-698.	3.0	104
23	Zircon Uâ€“Pb chronology, Hf isotope analysis and whole-rock geochemistry for the Neoarchean-Paleoproterozoic Yudongzi complex, northwestern margin of the Yangtze craton, China. Precambrian Research, 2017, 301, 65-85.	1.2	104
24	Partial melting of thickened continental crust in central Tibet: Evidence from geochemistry and geochronology of Eocene adakitic rhyolites in the northern Qiangtang Terrane. Earth and Planetary Science Letters, 2015, 414, 30-44.	1.8	99
25	A Late Carboniferousâ€“Early Permian slab window in the West Junggar of NW China: Geochronological and geochemical evidence from mafic to intermediate dikes. Lithos, 2013, 175-176, 146-162.	0.6	98
26	Keketuohai maficâ€“ultramafic complex in the Chinese Altai, NW China: Petrogenesis and geodynamic significance. Chemical Geology, 2012, 294-295, 26-41.	1.4	94
27	New geochemical and combined zircon Uâ€“Pb and Luâ€“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. Lithos, 2014, 200-201, 418-431.	0.6	93
28	Geological framework and Paleozoic tectonic history of the Chinese Altai, NW China: a review. Russian Geology and Geophysics, 2011, 52, 1619-1633.	0.3	90
29	Alternating Trench Advance and Retreat: Insights From Paleozoic Magmatism in the Eastern Tianshan, Central Asian Orogenic Belt. Tectonics, 2018, 37, 2142-2164.	1.3	83
30	Where was the Ailaoshan Ocean and when did it open: A perspective based on detrital zircon Uâ€“Pb age and Hf isotope evidence. Gondwana Research, 2016, 36, 488-502.	3.0	76
31	Neoproterozoic granitic gneisses in the Chinese Central Tianshan Block: Implications for tectonic affinity and Precambrian crustal evolution. Precambrian Research, 2015, 269, 73-89.	1.2	75
32	Carboniferous bimodal volcanic rocks in the Eastern Tianshan, NW China: Evidence for arc rifting. Gondwana Research, 2017, 43, 92-106.	3.0	70
33	Juxtaposition of Barrovian and migmatite domains in the Chinese Altai: a result of crustal thickening followed by doming of partially molten lower crust. Journal of Metamorphic Geology, 2015, 33, 45-70.	1.6	68
34	Episodic crustal growth and reworking of the Yudongzi terrane, South China: Constraints from the Archean TTGs and potassic granites and Paleoproterozoic amphibolites. Lithos, 2019, 326-327, 1-18.	0.6	67
35	Geochemistry, zircon Uâ€“Pb ages and Hf isotopes of the Paleozoic volcanic rocks in the northwestern Chinese Altai: Petrogenesis and tectonic implications. Journal of Asian Earth Sciences, 2011, 42, 969-985.	1.0	66
36	Uâ€“Pb ages and Hf isotopic record of zircons from the late Neoproterozoic and Silurianâ€“Devonian sedimentary rocks of the western Yangtze Block: Implications for its tectonic evolution and continental affinity. Gondwana Research, 2016, 31, 184-199.	3.0	65

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37	Petrogenesis of Early Carboniferous adakitic dikes, Sawur region, northern West Junggar, NW China: Implications for geodynamic evolution. Gondwana Research, 2015, 27, 1630-1645.	3.0	64
38	Detrital zircons from Neoproterozoic sedimentary rocks in the Yili Block: Constraints on the affinity of microcontinents in the southern Central Asian Orogenic Belt. Gondwana Research, 2016, 37, 39-52.	3.0	64
39	Petrogenesis of Early-Permian sanukitoids from West Junggar, Northwest China: Implications for Late Paleozoic crustal growth in Central Asia. Tectonophysics, 2015, 662, 385-397.	0.9	63
40	Petrogenesis of Late Paleozoic diorites and A-type granites in the central Eastern Tianshan, NW China: Response to post-collisional extension triggered by slab breakoff. Lithos, 2018, 318-319, 47-59.	0.6	63
41	The high-grade Tseel Terrane in SW Mongolia: An Early Paleozoic arc system or a Precambrian sliver?. Lithos, 2012, 142-143, 95-115.	0.6	62
42	Geochemistry, zircon Uâ€“Pb ages and Luâ€“Hf isotopes of early Paleozoic plutons in the northwestern Chinese Tianshan: Petrogenesis and geological implications. Lithos, 2013, 182-183, 48-66.	0.6	62
43	Precambrian evolution of the Chinese Central Tianshan Block: Constraints on its tectonic affinity to the Tarim Craton and responses to supercontinental cycles. Precambrian Research, 2017, 295, 24-37.	1.2	61
44	Andesitic crustal growth via mÃ©lange partial melting: Evidence from Early Cretaceous arc dioritic/andesitic rocks in southern Qiangtang, central Tibet. Geochemistry, Geophysics, Geosystems, 2016, 17, 1641-1659.	1.0	60
45	Garnet-bearing tonalitic porphyry from East Kunlun, Northeast Tibetan Plateau: implications for adakite and magmas from the MASH Zone. International Journal of Earth Sciences, 2009, 98, 1489-1510.	0.9	59
46	I-type granitoids in the eastern Yangtze Block: implications for the Early Paleozoic intracontinental orogeny in South China. Lithos, 2014, 206-207, 34-51.	0.6	58
47	Mantle contribution and tectonic transition in the Aqishan-Yamansu Belt, Eastern Tianshan, NW China: Insights from geochronology and geochemistry of Early Carboniferous to Early Permian felsic intrusions. Lithos, 2018, 304-307, 230-244.	0.6	58
48	Whole-rock Ndâ€“Hf isotopic study of I-type and peraluminous granitic rocks from the Chinese Altai: Constraints on the nature of the lower crust and tectonic setting. Gondwana Research, 2017, 47, 131-141.	3.0	57
49	Provenance study for the Paleozoic sedimentary rocks from the west Yangtze Block: Constraint on possible link of South China to the Gondwana supercontinent reconstruction. Precambrian Research, 2018, 309, 271-289.	1.2	56
50	Early Paleozoic dioritic and granitic plutons in the Eastern Tianshan Orogenic Belt, NW China: Constraints on the initiation of a magmatic arc in the southern Central Asian Orogenic Belt. Journal of Asian Earth Sciences, 2018, 153, 139-153.	1.0	55
51	Permian doleritic dikes in the Beishan Orogenic Belt, NW China: Asthenosphereâ€“lithosphere interaction in response to slab break-off. Lithos, 2015, 233, 174-192.	0.6	54
52	When Did the Paleotethys Ailaoshan Ocean Close: New Insights From Detrital Zircon Uâ€Pb age and Hf Isotopes. Tectonics, 2019, 38, 1798-1823.	1.3	51
53	Provenance of Early Paleozoic metasediments in the central Chinese Altai: Implications for tectonic affinity of the Altai-Mongolia terrane in the Central Asian Orogenic Belt. Lithos, 2014, 210-211, 57-68.	0.6	49
54	Geochronology and geochemistry of Late Carboniferous dykes in the Aqishanâ€“Yamansu belt, eastern Tianshan: Evidence for a post-collisional slab breakoff. Geoscience Frontiers, 2020, 11, 347-362.	4.3	44

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55	Geochronology, petrogenesis, and tectonic significance of the latest Devonianâ€“early Carboniferous I-type granites in the Central Tianshan, NW China. Gondwana Research, 2017, 47, 188-199.	3.0	43
56	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. Precambrian Research, 2015, 270, 181-203.	1.2	40
57	Revisiting the Precambrian evolution of the Southwestern Tarim terrane: Implications for its role in Precambrian supercontinents. Precambrian Research, 2019, 324, 18-31.	1.2	40
58	Dating and characterizing primary gas accumulation in Precambrian dolomite reservoirs, Central Sichuan Basin, China: Insights from pyrobitumen Re-Os and dolomite U-Pb geochronology. Precambrian Research, 2020, 350, 105897.	1.2	38
59	Thermochronological constraints on the late Paleozoic tectonic evolution of the southern Chinese Altai. Journal of Asian Earth Sciences, 2015, 113, 51-60.	1.0	37
60	Zircon U-Pb geochronology and Hf isotopic composition of granitiods in Russian Altai Mountain, Central Asian Orogenic Belt. Numerische Mathematik, 2014, 314, 580-612.	0.7	34
61	Two late Carboniferous belts of Nb-enriched mafic magmatism in the Eastern Tianshan: Heterogeneous mantle sources and geodynamic implications. Bulletin of the Geological Society of America, 2020, 132, 1863-1880.	1.6	33
62	S-type granite from the Gongpoquan arc in the Beishan Orogenic Collage, southern Altaids: Implications for the tectonic transition. Journal of Asian Earth Sciences, 2018, 153, 206-222.	1.0	32
63	Provenance and depositional age of Paleoproterozoic metasedimentary rocks in the Kuluketage Block, northern Tarim Craton: Implications for tectonic setting and crustal growth. Precambrian Research, 2015, 260, 76-90.	1.2	31
64	Magma mixing origin for high Baâ€“Sr granitic pluton in the Bayankhongor area, central Mongolia: Response to slab roll-back. Journal of Asian Earth Sciences, 2015, 113, 353-368.	1.0	31
65	A synthesis of zircon Uâ€“Pb ages and Hf isotopic compositions of granitoids from Southwest Mongolia: Implications for crustal nature and tectonic evolution of the Altai Superterrane. Lithos, 2015, 232, 131-142.	0.6	31
66	Delamination of lithospheric mantle evidenced by Cenozoic potassic rocks in Yunnan, SW China: A contribution to uplift of the Eastern Tibetan Plateau. Lithos, 2017, 284-285, 709-729.	0.6	31
67	Genesis and evolution of framboidal pyrite and its implications for the ore-forming process of Carlin-style gold deposits, southwestern China. Ore Geology Reviews, 2018, 102, 426-436.	1.1	31
68	Rheniumâ€“osmium and molybdenum isotope systematics of black shales from the Lower Cambrian Niutitang Formation, SW China: Evidence of a well oxygenated ocean at ca. 520â€¯Ma. Chemical Geology, 2018, 499, 26-42.	1.4	31
69	Middle Jurassic MORB-type gabbro, high-Mg diorite, calc-alkaline diorite and granodiorite in the Ando area, central Tibet: Evidence for a slab roll-back of the Bangong-Nujiang Ocean. Lithos, 2016, 264, 315-328.	0.6	30
70	Paleoproterozoic S-type granites from the Helanshan Complex in Inner Mongolia: Constraints on the provenance and the Paleoproterozoic evolution of the Khondalite Belt, North China Craton. Precambrian Research, 2017, 299, 195-209.	1.2	30
71	From Breakup of Nuna to Assembly of Rodinia: A Link Between the Chinese Central Tianshan Block and Fennoscandia. Tectonics, 2019, 38, 4378-4398.	1.3	30
72	Ultrahighâ€temperature metamorphism in the Helanshan complex of the Khondalite Belt, North China Craton: Petrology and phase equilibria of spinelâ€bearing pelitic granulites. Journal of Metamorphic Geology, 2018, 36, 1199-1220.	1.6	29

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73	Pulsed oxygenation events drove progressive oxygenation of the early Mesoproterozoic ocean. Earth and Planetary Science Letters, 2021, 559, 116754.	1.8	28
74	Origin of the mafic microgranular enclaves (MMEs) and their host granitoids from the Tagong pluton in Songpanâ€“Ganze terrane: An igneous response to the closure of the Paleo-Tethys ocean. Lithos, 2017, 290-291, 1-17.	0.6	27
75	Accretionary and collisional orogenesis in the south domain of the western Central Asian Orogenic Belt (CAOB). Journal of Asian Earth Sciences, 2018, 153, 1-8.	1.0	27
76	Archean to Paleoproterozoic continental crust growth in the Western Block of North China: Constraints from zircon Hf isotopic and whole-rock Nd isotopic data. Precambrian Research, 2017, 303, 105-116.	1.2	26
77	Devonian to carboniferous tectonic evolution of the Kangguer Ocean in the Eastern Tianshan, NW China: Insights from three episodes of granitoids. Lithos, 2019, 350-351, 105243.	0.6	25
78	Molybdenum and boron isotopic evidence for carbon-recycling via carbonate dissolution in subduction zones. Geochimica Et Cosmochimica Acta, 2020, 278, 340-352.	1.6	25
79	Petrogenesis of late Paleozoic tholeiitic, Nb-enriched, calc-alkaline and adakitic rocks in southwestern Mongolia: Implications for intra-oceanic arc evolution. Lithos, 2014, 202-203, 413-428.	0.6	23
80	Continental crust growth induced by slab breakoff in collisional orogens: Evidence from the Eocene Gangdese granitoids and their mafic enclaves, South Tibet. Gondwana Research, 2018, 64, 35-49.	3.0	23
81	Petrogenesis and Geodynamic Implications of the Carboniferous Granitoids in the Dananhu Belt, Eastern Tianshan Orogenic Belt. Journal of Earth Science (Wuhan, China), 2019, 30, 1243-1252.	1.1	23
82	Subduction polarity of the Ailaoshan Ocean (eastern Paleotethys): Constraints from detrital zircon U-Pb and Hf-O isotopes for the Longtan Formation. Bulletin of the Geological Society of America, 2020, 132, 987-996.	1.6	23
83	Postcollisional delamination and partial melting of enriched lithospheric mantle: Evidence from Oligocene (ca. 30 Ma) potassium-rich lavas in the Gemuchaka area of the central Qiangtang Block, Tibet. Bulletin of the Geological Society of America, 2019, 131, 1385-1408.	1.6	22
84	Arc Andesitic Rocks Derived From Partial Melts of MÃ©lange Diapir in Subduction Zones: Evidence From Wholeâ€Rock Geochemistry and Srâ€Ndâ€Mo Isotopes of the Paleogene Linzizong Volcanic Succession in Southern Tibet. Journal of Geophysical Research: Solid Earth, 2019, 124, 456-475.	1.4	22
85	Petrogenesis of the Devonian high-Mg rock association and its tectonic implication for the Chinese Altai orogenic belt, NW China. Journal of Asian Earth Sciences, 2015, 113, 61-74.	1.0	21
86	Geochronology and geochemistry of Late Ordovicianâ€“Early Devonian gneissic granites in the Kumishi area, northern margin of the South Tianshan Belt: Constraints on subduction process of the South Tianshan Ocean. Journal of Asian Earth Sciences, 2015, 113, 293-309.	1.0	21
87	Sr-Nd-Hf-Pb isotopic evidence for modification of the Devonian lithospheric mantle beneath the Chinese Altai. Lithos, 2017, 284-285, 207-221.	0.6	21
88	Paleozoic adakitic rocks in the northern Altyn Tagh, northwest China: Evidence for progressive crustal thickening beneath the Dunhuang Block. Lithos, 2017, 272-273, 1-15.	0.6	21
89	Petrogenesis of the Permian Intermediate-Mafic Dikes in the Chinese Altai, Northwest China: Implication for a Postaccretion Extensional Scenario. Journal of Geology, 2016, 124, 481-500.	0.7	20
90	Crustal nature and origin of the Russian Altai: Implications for the continental evolution and growth of the Central Asian Orogenic Belt (CAOB). Tectonophysics, 2016, 674, 182-194.	0.9	20

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91	Tracking the multiple-stage exhumation history and magmatic-hydrothermal events of the West Junggar region, NW China: Evidence from 40Ar/39Ar and (U-Th)/He thermochronology. Journal of Asian Earth Sciences, 2018, 159, 130-141.	1.0	20
92	Rheniumâ€Osmium Isotope Measurements of Geological Reference Material <scp>BIR</scp>â€1a: Evaluation of Homogeneity and Implications for Method Validation and Quality Control. Geostandards and Geoanalytical Research, 2017, 41, 649-658.	1.7	19
93	Arc magmatism associated with steep subduction: Insights from trace element and Srâ€“Ndâ€“Hfâ€“B isotope systematics. Journal of Geophysical Research: Solid Earth, 2017, 122, 1816-1834.	1.4	18
94	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. Gondwana Research, 2017, 46, 43-56.	3.0	17
95	Tracing changes in monsoonal precipitation using Mg isotopes in Chinese loess deposits. Geochimica Et Cosmochimica Acta, 2019, 259, 1-16.	1.6	17
96	Late Cretaceous Neo-Tethyan slab roll-back: Evidence from zircon U-Pb-O and whole-rock geochemical and Sr-Nd-Fe isotopic data of adakitic plutons in the Himalaya-Tibetan Plateau. Bulletin of the Geological Society of America, 2020, 132, 409-426.	1.6	16
97	Paleoproterozoic tectono-metamorphic evolution of the southernmost North China Craton: New insights from the metamorphic evolution and geochronology of the Taihua complex at Lushan area. Precambrian Research, 2020, 342, 105693.	1.2	16
98	Recycled oceanic crust in the form of pyroxenite contributing to the Cenozoic continental basalts in central Asia: new perspectives from olivine chemistry and whole-rock Bâ€“Mo isotopes. Contributions To Mineralogy and Petrology, 2019, 174, 1.	1.2	15
99	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. Precambrian Research, 2019, 334, 105473.	1.2	15
100	Oceanic lithospheric mantle beneath the continental crust of the Chinese Altai. Journal of the Geological Society, 2011, 168, 995-1000.	0.9	14
101	The source and tectonic implications of late Carboniferousâ€“early Permian A-type granites and dikes from the eastern Alataw Mountains, Xinjiang: geochemical and Srâ€“Ndâ€“Hf isotopic constraints. International Geology Review, 2017, 59, 1310-1323.	1.1	14
102	Intraoceanic back-arc magma diversity: Insights from a relic of the Proto-Tethys oceanic lithosphere in the western Qilian Orogen, NW China. Chemical Geology, 2020, 550, 119756.	1.4	14
103	Paleozoic crustal evolution and tectonic switching in the Northeastern Tianshan: insights from zircon Hf isotopes of granitoids. Journal of the Geological Society, 2021, 178, .	0.9	14
104	Comparative analysis of groundwater fluorine levels and other characteristics in two areas of Laizhou Bay and its explanation on fluorine enrichment. Water Science and Technology: Water Supply, 2015, 15, 384-394.	1.0	13
105	Phase equilibrium modelling and SHRIMP zircon Uâ€“Pb dating of medium-pressure pelitic granulites in the Helanshan complex of the Khondalite Belt, North China Craton, and their tectonic implications. Precambrian Research, 2018, 314, 62-75.	1.2	13
106	Fission track thermochronology of the Tuwu-Yandong porphyry Cu deposits, NW China: Constraints on preservation and exhumation. Ore Geology Reviews, 2019, 113, 103104.	1.1	13
107	Detrital zircon U-Pb ages and whole-rock geochemistry of early Paleozoic metasedimentary rocks in the Mongolian Altai: Insights into the tectonic affinity of the whole Altai-Mongolian terrane. Bulletin of the Geological Society of America, 2020, 132, 477-494.	1.6	13
108	Late Carboniferous adakitic granodiorites in the Qiongkusitai area, western Tianshan, NW China: Implications for partial melting of lower crust in the southern Central Asian Orogenic Belt. Journal of Asian Earth Sciences, 2016, 124, 42-54.	1.0	12

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109	Petrogenesis and geodynamic implications of two episodes of Permian and Triassic high-silica granitoids in the Chinese Altai, Central Asian Orogenic Belt. Journal of Asian Earth Sciences, 2019, 184, 103978.	1.0	12
110	Mo isotopic variations of a Cambrian sedimentary profile in the Huangling area, South China: Evidence for redox environment corresponding to the Cambrian Explosion. Gondwana Research, 2019, 69, 45-55.	3.0	12
111	Origin of Late Permian syenite and gabbro from the Panxi rift, SW China: The fractionation process of mafic magma in the inner zone of the Emeishan mantle plume. Lithos, 2019, 346-347, 105160.	0.6	11
112	In-site mineral geochemistry and whole-rock Fe isotopes of the quartz-magnetite-pyroxene rocks in the Wuyang area, North China Craton: Constraints on the genesis of the pyroxene-rich BIF. Precambrian Research, 2019, 333, 105445.	1.2	11
113	Miocene adakites in south Tibet: Partial melting of the thickened Lhasa juvenile mafic lower crust with the involvement of ancient Indian continental crust compositions. Bulletin of the Geological Society of America, 2020, 132, 1273-1290.	1.6	11
114	Depositional age and geochemistry of the 2.44â€“2.32ÂGa Granular Iron Formation in the Songshan Group, North China Craton: Tracing the effects of atmospheric oxygenation on continental weathering and seawater environment. Precambrian Research, 2021, 357, 106142.	1.2	11
115	Timing of two separate granulite-facies metamorphic events in the Helanshan complex, North China Craton: Constraints from monazite and zircon Uâ€“Pb dating of pelitic granulites. Lithos, 2019, 350-351, 105216.	0.6	10
116	Sr-Nd-Pb isotopic compositions of the lower crust beneath northern Tarim: insights from igneous rocks in the Kuluketage area, NW China. Mineralogy and Petrology, 2017, 111, 237-252.	0.4	9
117	Petrogenesis, tectonic setting and formation age of the metaperidotites in the Lajishan ophiolite, Central Qilian Block, NW China. Journal of Asian Earth Sciences, 2019, 186, 104076.	1.0	9
118	Tectonic evolution of the North Qinling Orogenic Belt, Central China: Insights from metamafic rocks of the Songshugou Complex. Geological Journal, 2019, 54, 2382-2399.	0.6	9
119	Chlorite as an exploration indicator for concealed skarn mineralization: Perspective from the Tonglushan Cuâ€“Auâ€“Fe skarn deposit, Eastern China. Ore Geology Reviews, 2020, 126, 103778.	1.1	9
120	Provenance and Hf isotopic variation of Precambrian detrital zircons from the Qilian Orogenic Belt, NW China: Evidence to the transition from breakup of Columbia to the assembly of Rodinia. Precambrian Research, 2021, 357, 106153.	1.2	9
121	Neoproterozoic gabbroâ€“granite association from the Micangshan area, northern Yangtze Block: Implication for crustal growth in an active continental margin. Geological Journal, 2018, 53, 2471-2486.	0.6	8
122	Hydrous melting of metasomatized mantle wedge and crustal growth in the post-collisional stage: Evidence from Late Triassic monzodiorite and its mafic enclaves in the south Qinling (central China). Lithosphere, 2019, 11, 3-20.	0.6	8
123	Determination of Rhenium in Geological Samples by Isotope Dilutionâ€“Multicollectorâ€“Inductively Coupled Plasma-Mass Spectrometry with Novel Chromatographic Separation. Analytical Letters, 2018, 51, 1122-1146.	1.0	7
124	Trace elemental modification in magnetite from high-grade metamorphosed BIFs in the southern North China Craton. Ore Geology Reviews, 2019, 112, 103019.	1.1	7
125	Origin of Late Permian amphibole syenite from the Panxi area, SW China: high degree fractional crystallization of basaltic magma in the inner zone of the Emeishan mantle plume. International Geology Review, 2020, 62, 210-224.	1.1	7
126	The cause for Nuna breakup in the Early to Middle Mesoproterozoic. Precambrian Research, 2021, 362, 106287.	1.2	6

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