Yaoling Niu

List of Publications by Year
in descending order

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		5896	7518
231	24,312	81	151
papers	citations	h-index	g-index

245	245	245	6920
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protoliths and metamorphism of the central Himalayan eclogites: Zircon/titanite Uâ€“Pb geochronology, Hf isotope and geochemistry. Gondwana Research, 2022, 104, 39-53.	6.0	7
2	Middle-Late Jurassic magmatism in the west central Lhasa subterrane, Tibet: Petrology, zircon chronology, elemental and Sr-Nd-Pb-Hf-Mg isotopic geochemistry. Lithos, 2022, 408-409, 106549.	1.4	1
3	Molybdenum isotope systematics of lavas from the East Pacific Rise: Constraints on the source of enriched mid-ocean ridge basalt. Earth and Planetary Science Letters, 2022, 578, 117283.	4.4	21
4	A simple and robust method for calculating temperatures of granitoid magmas. Mineralogy and Petrology, 2022, 116, 93-103.	1.1	8
5	Sublithosphere Mantle Crystallization and Immiscible Sulfide Melt Segregation in Continental Basalt Magmatism: Evidence from Clinopyroxene Megacrysts in the Cenozoic Basalts of Eastern China. Journal of Petrology, 2022, 63, .	2.8	5
6	Paradigm shift for controls on basalt magmatism: Discussion with Lustrino et al on the paper I recently published in Earth-Science Reviews. Earth-Science Reviews, 2022, 226, 103943.	9.1	2
7	Re-assessment of the effect of fractional crystallization on Mo isotopes: Constraints from I-type granitoids and their enclosed mafic magmatic enclaves. Chemical Geology, 2022, 597, 120814.	3.3	8
8	Petrogenesis of the early Cretaceous intra-plate basalts from the Western North China Craton: Implications for the origin of the metasomatized cratonic lithospheric mantle. Lithos, 2021, 380-381, 105887.	1.4	6
9	Fractional crystallization causes the iron isotope contrast between mid-ocean ridge basalts and abyssal peridotites. Communications Earth & Environment, 2021, 2, .	6.8	17
10	Timing of the Meso-Tethys Ocean opening: Evidence from Permian sedimentary provenance changes in the South Qiangtang Terrane, Tibetan Plateau. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 567, 110265.	2.3	27
11	Iron Isotope Fractionation during Skarn Cu-Fe Mineralization. Minerals (Basel, Switzerland), 2021, 11, 444.	2.0	3
12	Iron Isotope Compositions of Coexisting Sulfide and Silicate Minerals in Sudbury-Type Ores from the Jinchuan Ni-Cu Sulfide Deposit: A Perspective on Possible Core-Mantle Iron Isotope Fractionation. Minerals (Basel, Switzerland), 2021, 11, 464.	2.0	4
13	Lithosphere thickness controls the extent of mantle melting, depth of melt extraction and basalt compositions in all tectonic settings on Earth â€“ A review and new perspectives. Earth-Science Reviews, 2021, 217, 103614.	9.1	59
14	Eastern China continental lithosphere thinning is a consequence of paleo-Pacific plate subduction: A review and new perspectives. Earth-Science Reviews, 2021, 218, 103680.	9.1	35
15	The nature and origin of upper mantle heterogeneity beneath the Mid-Atlantic Ridge 33â€“35Â°N: A Sr-Nd-Hf isotopic perspective. Geochimica Et Cosmochimica Acta, 2021, 307, 72-85.	3.9	6
16	An iron isotope perspective on back-arc basin development: Messages from Mariana Trough basalts. Earth and Planetary Science Letters, 2021, 572, 117133.	4.4	17
17	Petrogenesis and tectonic implications of the Triassic rhyolites in the East Kunlun Orogenic Belt, northern Tibetan Plateau. Geoscience Frontiers, 2021, 12, 101243.	8.4	17
18	Identifying deep recycled carbonates through Miocene basalts in the Maguan area, SE Tibetan Plateau. Lithos, 2021, 400-401, 106356.	1.4	2

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19	Petrogenetic evolution of the Zhuopan potassic alkaline complex, western Yunnan, SW China: Implications for heterogeneous metasomatism of lithospheric mantle beneath Simao and western Yangtze block. Lithos, 2021, 400-401, 106354.	1.4	3
20	Timing of closure of the Meso-Tethys Ocean: Constraints from remnants of a 141â€“135 Ma ocean island within the Bangongâ€“Nujiang Suture Zone, Tibetan Plateau. Bulletin of the Geological Society of America, 2021, 133, 1875-1889.	3.3	35
21	Identifying Crystal Accumulation in Granitoids through Amphibole Composition and In Situ Zircon O Isotopes in North Qilian Orogen. Journal of Petrology, 2021, 62, .	2.8	6
22	Tectonic significance of the Cretaceous granitoids along the southâ€east coast of continental China. Geological Journal, 2020, 55, 173-196.	1.3	2
23	Geochemistry, detrital zircon geochronology and Hf isotope of the clastic rocks in southern Tibet: Implications for the Jurassic-Cretaceous tectonic evolution of the Lhasa terrane. Gondwana Research, 2020, 78, 41-57.	6.0	22
24	Reworked Precambrian metamorphic basement of the Lhasa terrane, southern Tibet: Zircon/titanite Uâ€“Pb geochronology, Hf isotope and geochemistry. Precambrian Research, 2020, 336, 105496.	2.7	21
25	Geochemistry and iron isotope systematics of coexisting Fe-bearing minerals in magmatic Fe Ti deposits: A case study of the Damiao titanomagnetite ore deposit, North China Craton. Gondwana Research, 2020, 81, 240-251.	6.0	10
26	A re-assessment of nickel-doping method in iron isotope analysis on rock samples using multi-collector inductively coupled plasma mass spectrometry. Acta Geochimica, 2020, 39, 355-364.	1.7	11
27	What drives the continued India-Asia convergence since the collision at 55ÂMa?. Science Bulletin, 2020, 65, 169-172.	9.0	10
28	Lithosphere thickness controls continental basalt compositions: An illustration using Cenozoic basalts from eastern China. Geology, 2020, 48, 128-133.	4.4	40
29	Large iron isotope variation in the eastern Pacific mantle as a consequence of ancient low-degree melt metasomatism. Geochimica Et Cosmochimica Acta, 2020, 286, 269-288.	3.9	27
30	Origin of magmatic harzburgite as a result of boninite magma evolution â€“ An illustration using layered harzburgite-dunite cumulate from the Troodos ophiolite complex. Lithos, 2020, 376-377, 105764.	1.4	3
31	Mesozoic crustal evolution of southern Tibet: Constraints from the early Jurassic igneous rocks in the Central Lhasa terrane. Lithos, 2020, 366-367, 105557.	1.4	8
32	New U-Pb zircon age and petrogenesis of the plagiogranite, Troodos ophiolite, Cyprus. Lithos, 2020, 362-363, 105472.	1.4	11
33	Mineral Compositions of Syn-collisional Granitoids and their Implications for the Formation of Juvenile Continental Crust and Adakitic Magmatism. Journal of Petrology, 2020, 61, .	2.8	23
34	The Lithospheric Thickness Control on the Compositional Variation of Continental Intraplate Basalts: A Demonstration Using the Cenozoic Basalts and Clinopyroxene Megacrysts From Eastern China. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019315.	3.4	15
35	On the cause of continental breakup: A simple analysis in terms of driving mechanisms of plate tectonics and mantle plumes. Journal of Asian Earth Sciences, 2020, 194, 104367.	2.3	19
36	Petrogenesis of the Triassic granitoids from the East Kunlun Orogenic Belt, NW China: Implications for continental crust growth from syn-collisional to post-collisional setting. Lithos, 2020, 364-365, 105513.	1.4	31

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37	Provenance, depositional setting, and crustal evolution of the Cathaysia Block, South China: Insights from detrital zircon Uâ€“Pb geochronology and geochemistry of clastic rocks. Geological Journal, 2019, 54, 897-912.	1.3	14
38	Palaeoarchaean deep mantle heterogeneity recorded by enriched plume remnants. Nature Geoscience, 2019, 12, 672-678.	12.9	29
39	Molybdenum systematics of subducted crust record reactive fluid flow from underlying slab serpentine dehydration. Nature Communications, 2019, 10, 4773.	12.8	63
40	Iron isotope fractionation during mid-ocean ridge basalt (MORB) evolution: Evidence from lavas on the East Pacific Rise at 10Â°30â€²N and its implications. Geochimica Et Cosmochimica Acta, 2019, 267, 227-239.	3.9	36
41	The petrogenesis and tectonic significance of the Early Cretaceous intraplate granites in eastern China: The Laoshan granite as an example. Lithos, 2019, 328-329, 200-211.	1.4	16
42	Discrepancy between bulk-rock and zircon Hf isotopes accompanying Nd-Hf isotope decoupling. Geochimica Et Cosmochimica Acta, 2019, 259, 17-36.	3.9	20
43	Petrogenesis of ODP Hole 735B (Leg 176) Oceanic Plagiogranite: Partial Melting of Gabbros or Advanced Extent of Fractional Crystallization?. Geochemistry, Geophysics, Geosystems, 2019, 20, 2717-2732.	2.5	27
44	Petrogenesis and tectonic implications of the Eocene-Oligocene potassic felsic suites in western Yunnan, eastern Tibetan Plateau: Evidence from petrology, zircon chronology, elemental and Sr-Nd-Pb-Hf isotopic geochemistry. Lithos, 2019, 340-341, 287-315.	1.4	17
45	The origin and geodynamic significance of the Mesozoic dykes in eastern continental China. Lithos, 2019, 332-333, 328-339.	1.4	20
46	Detrital zircon Uâ€“Pb geochronology and geochemistry of late Neoproterozoic â€“ early Cambrian sedimentary rocks in the Cathaysia Block: constraint on its palaeo-position in Gondwana supercontinent. Geological Magazine, 2019, 156, 1587-1604.	1.5	8
47	The syncollisional granitoid magmatism and crust growth during the West Qinling Orogeny, China: Insights from the Jiaochangba pluton. Geological Journal, 2019, 54, 4014-4033.	1.3	6
48	Multiple mantle metasomatism beneath the Leizhou Peninsula, South China: evidence from elemental and Sr-Nd-Pb-Hf isotope geochemistry of the late Cenozoic volcanic rocks. International Geology Review, 2019, 61, 1768-1785.	2.1	29
49	Heterogeneous Oceanic Arc Volcanic Rocks in the South Qilian Accretionary Belt (Qilian Orogen, NW) Tj ETQq1 1 0.784314 rgBT /Ov	2.8	45
50	Two epochs of eclogite metamorphism link â€˜coldâ€™ oceanic subduction and â€˜hotâ€™ continental subduction, the North Qaidam UHP belt, NW China. Geological Society Special Publication, 2019, 474, 275-289.	1.3	21
51	Origin of the LLSVPs at the base of the mantle is a consequence of plate tectonics â€“ A petrological and geochemical perspective. Geoscience Frontiers, 2018, 9, 1265-1278.	8.4	36
52	Mesozoic high-Mg andesites from the Daohugou area, Inner Mongolia: Upper-crustal fractional crystallization of parental melt derived from metasomatized lithospheric mantle wedge. Lithos, 2018, 302-303, 535-548.	1.4	14
53	The evolution and ascent paths of mantle xenolith-bearing magma: Observations and insights from Cenozoic basalts in Southeast China. Lithos, 2018, 310-311, 171-181.	1.4	15
54	Syn-collisional felsic magmatism and continental crust growth: A case study from the North Qilian Orogenic Belt at the northern margin of the Tibetan Plateau. Lithos, 2018, 308-309, 53-64.	1.4	19

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55	Neoproterozoic amalgamation between Yangtze and Cathaysia blocks: The magmatism in various tectonic settings and continent-arc-continent collision. Precambrian Research, 2018, 309, 56-87.	2.7	123
56	The Early Cretaceous bimodal volcanic suite from the Yinshan Block, western North China Craton: Origin, process and geological significance. Journal of Asian Earth Sciences, 2018, 160, 348-364.	2.3	16
57	Petrogenesis of Cretaceous (133â€“84 Ma) intermediate dykes and host granites in southeastern China: Implications for lithospheric extension, continental crustal growth, and geodynamics of Palaeo-Pacific subduction. Lithos, 2018, 296-299, 195-211.	1.4	35
58	Geological understanding of plate tectonics: Basic concepts, illustrations, examples and new perspectives. Global Tectonics and Metallogeny, 2018, 10, 23-46.	0.9	99
59	Origin of the Jurassic-Cretaceous intraplate granitoids in Eastern China as a consequence of paleo-Pacific plate subduction. Lithos, 2018, 322, 405-419.	1.4	14
60	HPâ€“UHP Metamorphic Belt in the East Kunlun Orogen: Final Closure of the Proto-Tethys Ocean and Formation of the Pan-North-China Continent. Journal of Petrology, 2018, 59, 2043-2060.	2.8	119
61	The petrological control on the lithosphere-asthenosphere boundary (LAB) beneath ocean basins. Earth-Science Reviews, 2018, 185, 301-307.	9.1	49
62	Geo-neutrino: Messenger from the Earth's interior. Chinese Science Bulletin, 2018, 63, 2853-2862.	0.7	0
63	Simple and cost-effective methods for precise analysis of trace element abundances in geological materials with ICP-MS. Science Bulletin, 2017, 62, 277-289.	9.0	71
64	Effects of decarbonation on elemental behaviors during subduction-zone metamorphism: Evidence from a titanite-rich contact between eclogite-facies marble and omphacitite. Journal of Asian Earth Sciences, 2017, 135, 338-346.	2.3	2
65	Geochronology and geochemistry of the Early Jurassic Yeba Formation volcanic rocks in southern Tibet: Initiation of back-arc rifting and crustal accretion in the southern Lhasa Terrane. Lithos, 2017, 278-281, 477-490.	1.4	89
66	Petrogenesis of Triassic granitoids in the East Kunlun Orogenic Belt, northern Tibetan Plateau and their tectonic implications. Lithos, 2017, 282-283, 33-44.	1.4	90
67	Petrogenesis of Luchuba and Wuchaba granitoids in western Qinling: geochronological and geochemical evidence. Mineralogy and Petrology, 2017, 111, 887-908.	1.1	18
68	Basalts and picrites from a plume-type ophiolite in the South Qilian Accretionary Belt, Qilian Orogen: Accretion of a Cambrian Oceanic Plateau?. Lithos, 2017, 278-281, 97-110.	1.4	68
69	Different stages of chemical alteration on metabasaltic rocks in the subduction channel: Evidence from the Western Tianshan metamorphic belt, NW China. Journal of Asian Earth Sciences, 2017, 145, 111-122.	2.3	3
70	Slab breakoff: a causal mechanism or pure convenience?. Science Bulletin, 2017, 62, 456-461.	9.0	33
71	Garnet effect on Nd-Hf isotope decoupling: Evidence from the Jinfosi batholith, Northern Tibetan Plateau. Lithos, 2017, 274-275, 31-38.	1.4	33
72	Elemental and Srâ€“Ndâ€“Pb isotope geochemistry of the Cenozoic basalts in Southeast China: Insights into their mantle sources and melting processes. Lithos, 2017, 272-273, 16-30.	1.4	37

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73	Testing the mantle plume hypothesis: an IODP effort to drill into the Kamchatka-Okhotsk Sea basement. Science Bulletin, 2017, 62, 1464-1472.	9.0	21
74	Long-lived melting of ancient lower crust of the North China Craton in response to paleo-Pacific plate subduction, recorded by adakitic rhyolite. Lithos, 2017, 292-293, 437-451.	1.4	21
75	Qi-Qin Accretionary Belt in Central China Orogen: accretion by trench jam of oceanic plateau and formation of intra-oceanic arc in the Early Paleozoic Qin-Qi-Kun Ocean. Science Bulletin, 2017, 62, 1035-1038.	9.0	95
76	Tracing subduction zone fluid-rock interactions using trace element and Mg-Sr-Nd isotopes. Lithos, 2017, 290-291, 94-103.	1.4	23
77	Petrogenesis of granitoids in the eastern section of the Central Qilian Block: Evidence from geochemistry and zircon U-Pb geochronology. Mineralogy and Petrology, 2017, 111, 23-41.	1.1	15
78	Hf isotope systematics of seamounts near the East Pacific Rise (EPR) and geodynamic implications. Lithos, 2016, 262, 107-119.	1.4	14
79	Origin of the Yellow Sea: an insight. Science Bulletin, 2016, 61, 1076-1080.	9.0	12
80	TTG and Potassic Granitoids in the Eastern North China Craton: Making Neoarchean Upper Continental Crust during Micro-continental Collision and Post-collisional Extension. Journal of Petrology, 2016, 57, 1775-1810.	2.8	40
81	Zircon Uâ€“Pb geochronology, Srâ€“Ndâ€“Hf isotopic composition and geological significance of the Late Triassic Baijiazhuang and Lvjing granitic plutons in West Qinling Orogen. Lithos, 2016, 260, 443-456.	1.4	23
82	Geochronology and geochemistry of Late Cretaceousâ€“Paleocene granitoids in the Sikhote-Alin Orogenic Belt: Petrogenesis and implications for the oblique subduction of the paleo-Pacific plate. Lithos, 2016, 266-267, 202-212.	1.4	47
83	Testing the geologically testable hypothesis on subduction initiation. Science Bulletin, 2016, 61, 1231-1235.	9.0	20
84	An 850â€“820Ma LIP dismembered during breakup of the Rodinia supercontinent and destroyed by Early Paleozoic continental subduction in the northern Tibetan Plateau, NW China. Precambrian Research, 2016, 282, 52-73.	2.7	57
85	The Meaning of Global Ocean Ridge Basalt Major Element Compositions. Journal of Petrology, 2016, 57, 2081-2103.	2.8	29
86	Origin of the late Early Cretaceous granodiorite and associated dioritic dikes in the Hongqilafu pluton, northwestern Tibetan Plateau: A case for crustâ€“mantle interaction. Lithos, 2016, 260, 300-314.	1.4	18
87	The syncollisional granitoid magmatism and continental crust growth in the West Kunlun Orogen, China â€“ Evidence from geochronology and geochemistry of the Arkarz pluton. Lithos, 2016, 245, 191-204.	1.4	74
88	The origin of Cenozoic basalts from central Inner Mongolia, East China: The consequence of recent mantle metasomatism genetically associated with seismically observed paleo-Pacific slab in the mantle transition zone. Lithos, 2016, 240-243, 104-118.	1.4	60
89	Two-component mantle melting-mixing model for the generation of mid-ocean ridge basalts: Implications for the volatile content of the Pacific upper mantle. Geochimica Et Cosmochimica Acta, 2016, 176, 44-80.	3.9	116
90	Is lunar magma ocean (LMO) gone with the wind?. National Science Review, 2016, 3, 12-15.	9.5	2

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91	Syn-collisional adakitic granodiorites formed by fractional crystallization: Insights from their enclosed mafic magmatic enclaves (MMEs) in the Qumushan pluton, North Qilian Orogen at the northern margin of the Tibetan Plateau. Lithos, 2016, 248-251, 455-468.	1.4	72
92	Geochemical behaviours of chemical elements during subduction-zone metamorphism and geodynamic significance. International Geology Review, 2016, 58, 1253-1277.	2.1	16
93	Highly refractory peridotites in Songshugou, Qinling orogen: Insights into partial melting and melt/fluidâ€“rock reactions in forearc mantle. Lithos, 2016, 252-253, 234-254.	1.4	44
94	Syn-collisional granitoids in the Qilian Block on the Northern Tibetan Plateau: A long-lasting magmatism since continental collision through slab steepening. Lithos, 2016, 246-247, 99-109.	1.4	40
95	Petrogenesis and tectonic significance of the late Triassic mafic dikes and felsic volcanic rocks in the East Kunlun Orogenic Belt, Northern Tibet Plateau. Lithos, 2016, 245, 205-222.	1.4	88
96	Ophiolites in the Xing'an-Inner Mongolia accretionary belt of the CAOB: Implications for two cycles of seafloor spreading and accretionary orogenic events. Tectonics, 2015, 34, 2221-2248.	2.8	197
97	Magmatic record of India-Asia collision. Scientific Reports, 2015, 5, 14289.	3.3	316
98	Magmatism during continental collision, subduction, exhumation and mountain collapse in collisional orogenic belts and continental net growth: A perspective. Science China Earth Sciences, 2015, 58, 1284-1304.	5.2	97
99	Petrogenesis of peralkaline rhyolites in an intra-plate setting: Glass House Mountains, southeast Queensland, Australia. Lithos, 2015, 216-217, 196-210.	1.4	35
100	Trace element behavior and Pâ€“Tâ€“t evolution during partial melting of exhumed eclogite in the North Qaidam UHPM belt (NW China): Implications for adakite genesis. Lithos, 2015, 226, 65-80.	1.4	42
101	The terrestrial uranium isotope cycle. Nature, 2015, 517, 356-359.	27.8	142
102	Editorâ€™s note: how and where does continental crust form?. Science Bulletin, 2015, 60, 1139-1140.	9.0	2
103	Petrogenesis of the Chagangnuoer deposit, NW China: a general model for submarine volcanic-hosted skarn iron deposits. Science Bulletin, 2015, 60, 363-379.	9.0	15
104	On the origin of mafic magmatic enclaves (MMEs) in syn-collisional granitoids: evidence from the Baojishan pluton in the North Qilian Orogen, China. Mineralogy and Petrology, 2015, 109, 577-596.	1.1	50
105	Exotic origin of the Chinese continental shelf: new insights into the tectonic evolution of the western Pacific and eastern China since the Mesozoic. Science Bulletin, 2015, 60, 1598-1616.	9.0	128
106	Identifying mantle carbonatite metasomatism through Osâ€“Srâ€“Mg isotopes in Tibetan ultrapotassic rocks. Earth and Planetary Science Letters, 2015, 430, 458-469.	4.4	82
107	Experimental demonstrations on the sources and conditions of mantle melting. Science Bulletin, 2015, 60, 1871-1872.	9.0	2
108	The 600â€“580Ma continental rift basalts in North Qilian Shan, northwest China: Links between the Qilian-Qaidam block and SE Australia, and the reconstruction of East Gondwana. Precambrian Research, 2015, 257, 47-64.	2.7	79

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109	Late Triassic adakitic plutons within the Archean terrane of the North China Craton: Melting of the ancient lower crust at the onset of the lithospheric destruction. Lithos, 2015, 212-215, 353-367.	1.4	27
110	Mesozoicâ€“Cenozoic mantle evolution beneath the North China Craton: A new perspective from Hfâ€“Nd isotopes of basalts. Gondwana Research, 2015, 27, 1574-1585.	6.0	54
111	The nature and history of the Qilian Block in the context of the development of the Greater Tibetan Plateau. Gondwana Research, 2015, 28, 209-224.	6.0	104
112	Zircon xenocrysts in Tibetan ultrapotassic magmas: Imaging the deep crust through time. Geology, 2014, 42, 43-46.	4.4	85
113	Melting of continental crust during subduction initiation: A case study from the Chaidanuo peraluminous granite in the North Qilian suture zone. Geochimica Et Cosmochimica Acta, 2014, 132, 311-336.	3.9	126
114	A synthesis and new perspective on the petrogenesis of kamafugites from West Qinling, China, in a global context. Journal of Asian Earth Sciences, 2014, 79, 86-96.	2.3	17
115	Postcollisional potassic and ultrapotassic rocks in southern Tibet: Mantle and crustal origins in response to Indiaâ€“Asia collision and convergence. Geochimica Et Cosmochimica Acta, 2014, 143, 207-231.	3.9	187
116	Adakitic (tonalitic-trondhjemitic) magmas resulting from eclogite decompression and dehydration melting during exhumation in response to continental collision. Geochimica Et Cosmochimica Acta, 2014, 130, 42-62.	3.9	112
117	Continental orogenesis from ocean subduction, continent collision/subduction, to orogen collapse, and orogen recycling: The example of the North Qaidam UHPM belt, NW China. Earth-Science Reviews, 2014, 129, 59-84.	9.1	345
118	Trace element budgets and (re-)distribution during subduction-zone ultrahigh pressure metamorphism: Evidence from Western Tianshan, China. Chemical Geology, 2014, 365, 54-68.	3.3	21
119	Post-collisional magmatism: Consequences of UHPM terrane exhumation and orogen collapse, N. Qaidam UHPM belt, NW China. Lithos, 2014, 210-211, 181-198.	1.4	79
120	Geochemical constraints on the petrogenesis of granitoids in the East Kunlun Orogenic belt, northern Tibetan Plateau: Implications for continental crust growth through syn-collisional felsic magmatism. Chemical Geology, 2014, 370, 1-18.	3.3	188
121	Lithosphere thinning beneath west North China Craton: Evidence from geochemical and Srâ€“Ndâ€“Hf isotope compositions of Jining basalts. Lithos, 2014, 202-203, 37-54.	1.4	69
122	Geochronology and geochemistry of Cenozoic basalts from eastern Guangdong, SE China: constraints on the lithosphere evolution beneath the northern margin of the South China Sea. Contributions To Mineralogy and Petrology, 2013, 165, 437-455.	3.1	77
123	Tectonics of the North Qilian orogen, NW China. Gondwana Research, 2013, 23, 1378-1401.	6.0	534
124	Continental collision zones are primary sites for net continental crust growth â€” A testable hypothesis. Earth-Science Reviews, 2013, 127, 96-110.	9.1	245
125	The origin and pre-Cenozoic evolution of the Tibetan Plateau. Gondwana Research, 2013, 23, 1429-1454.	6.0	1,045
126	The stable vanadium isotope composition of the mantle and mafic lavas. Earth and Planetary Science Letters, 2013, 365, 177-189.	4.4	68

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127	Elemental responses to subduction-zone metamorphism: Constraints from the North Qilian Mountain, NW China. Lithos, 2013, 160-161, 55-67.	1.4	48
128	Grenville-age orogenesis in the Qaidam-Qilian block: The link between South China and Tarim. Precambrian Research, 2012, 220-221, 9-22.	2.7	190
129	Tholeiiteâ€“Boninite terrane in the North Qilian suture zone: Implications for subduction initiation and back-arc basin development. Chemical Geology, 2012, 328, 259-277.	3.3	136
130	Cambrian bimodal volcanism in the Lhasa Terrane, southern Tibet: Record of an early Paleozoic Andean-type magmatic arc in the Australian proto-Tethyan margin. Chemical Geology, 2012, 328, 290-308.	3.3	288
131	Geochemical perspectives on mantle dynamics and plate interactions in Asia â€" A special issue in honor/memory of Dr. Shen-su Sun. Chemical Geology, 2012, 328, 1-4.	3.3	0
132	Trace-element transport during subduction-zone ultrahigh-pressure metamorphism: Evidence from western Tianshan, China. Bulletin of the Geological Society of America, 2012, 124, 1113-1129.	3.3	42
133	Earth processes cause Zrâ€“Hf and Nbâ€“Ta fractionations, but why and how?. RSC Advances, 2012, 2, 3587.	3.6	27
134	A trace element perspective on the source of ocean island basalts (OIB) and fate of subducted ocean crust (SOC) and mantle lithosphere (SML). Episodes, 2012, 35, 310-327.	1.2	68
135	U-Th-Ra disequilibria and the extent of off-axis volcanism across the East Pacific Rise at 9Â°30â€²N, 10Â°30â€²N, and 11Â°20â€²N. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	45
136	The Lhasa Terrane: Record of a microcontinent and its histories of drift and growth. Earth and Planetary Science Letters, 2011, 301, 241-255.	4.4	1,096
137	The Origin of Intra-plate Ocean Island Basalts (OIB): the Lid Effect and its Geodynamic Implications. Journal of Petrology, 2011, 52, 1443-1468.	2.8	208
138	Variation of mineral composition, fabric and oxygen fugacity from massive to foliated eclogites during exhumation of subducted ocean crust in the North Qilian suture zone, NW China. Journal of Metamorphic Geology, 2011, 29, 699-720.	3.4	51
139	Delamination and ultra-deep subduction of continental crust: constraints from elastic wave velocity and density measurement in ultrahigh-pressure metamorphic rocks. Journal of Metamorphic Geology, 2011, 29, 781-801.	3.4	19
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