

Yi-Gang Xu

List of Publications by Year in descending order

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254
papers

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citations

11908

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18400

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259
docs citations

259
times ranked

6591
citing authors

#	ARTICLE	IF	CITATIONS
1	Cretaceous basin evolution in northeast Asia: tectonic responses to the paleo-Pacific plate subduction. <i>National Science Review</i> , 2022, 9, nwab088.	4.6	33
2	Constraining the duration of the Tarim flood basalts (northwestern China): CA-TIMS zircon U-Pb dating of tuffs. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 325-334.	1.6	10
3	Raman spectroscopy-based screening of zircon for reliable water content and oxygen isotope measurements. <i>American Mineralogist</i> , 2022, 107, 936-945.	0.9	5
4	Improved age estimates for Holocene Ko-g and Ma-f-j tephras in northern Japan using Bayesian statistical modelling. <i>Quaternary Geochronology</i> , 2022, 67, 101229.	0.6	4
5	Mid-Cretaceous Wake seamounts in NW Pacific originate from secondary mantle plumes with Arago hotspot composition. <i>Chemical Geology</i> , 2022, 587, 120632.	1.4	13
6	Molybdenum isotopic constraints on the origin of EM1-type continental intraplate basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 317, 255-268.	1.6	13
7	Azimuthal Anisotropy Tomography of the Southeast Asia Subduction System. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	29
8	Holocene Tephrostratigraphy in the East Sea/Japan Sea: Implications for Eruptive History of Ulleungdo Volcano and Potential for Hemispheric Synchronization of Sedimentary Archives. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	3
9	Boron isotopes in boninites document rapid changes in slab inputs during subduction initiation. <i>Nature Communications</i> , 2022, 13, 993.	5.8	17
10	Anisotropic Tomography and Dynamics of the Big Mantle Wedge. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	21
11	Co-Occurrence of HIMU and EM1 Components in a Single Magellan Seamount: Implications for the Formation of West Pacific Seamount Province. <i>Journal of Petrology</i> , 2022, 63, .	1.1	4
12	High Water Contents in Zircons Suggest Water-Fluxed Crustal Melting During Cratonic Destruction. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
13	Exploring small-scale recycled mantle components with intraplate continental twin volcanoes. <i>Chemical Geology</i> , 2022, 598, 120842.	1.4	1
14	Migration of Middle-Late Jurassic volcanism across the northern North China Craton in response to subduction of Paleo-Pacific Plate. <i>Tectonophysics</i> , 2022, 833, 229338.	0.9	6
15	Thermal and compositional anomalies in a detailed xenolith-based lithospheric mantle profile of the Siberian craton and the origin of seismic midlithosphere discontinuities. <i>Geology</i> , 2022, 50, 891-896.	2.0	18
16	Pn Anisotropic Tomography of Hainan Island and Surrounding Areas: New Insights Into the Hainan Mantle Plume. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	7
17	Magmatic perspective on subduction of Paleo-Pacific plate and initiation of big mantle wedge in East Asia. <i>Earth-Science Reviews</i> , 2021, 213, 103473.	4.0	89
18	Mercury fluxes record regional volcanism in the South China craton prior to the end-Permian mass extinction. <i>Geology</i> , 2021, 49, 452-456.	2.0	57

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19	Optimization of irradiation parameters for $^{40}\text{Ar}/^{39}\text{Ar}$ dating by Argus VI multi-collector mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1374-1380.	1.6	6
20	Permian ridge subduction in the easternmost Central Asian Orogenic Belt: Magmatic record using Sr-Nd-Pb-Hf-Mg isotopes. <i>Lithos</i> , 2021, 384-385, 105966.	0.6	7
21	Mesozoic intraplate tectonism of East Asia due to flat subduction of a composite terrane slab. <i>Earth-Science Reviews</i> , 2021, 214, 103505.	4.0	39
22	Lateral Seismic Anisotropy Variations Record Interaction Between Tibetan Mantle Flow and Plume- ϵ Strengthened Yangtze Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020841.	1.4	17
23	High-precision geochronological constraints on the duration of "Dinosaur Pompeii" and the Yixian Formation. <i>National Science Review</i> , 2021, 8, nwab063.	4.6	34
24	Origin of Graphite- ϵ Diamond-Bearing Eclogites from Udachnaya Kimberlite Pipe. <i>Journal of Petrology</i> , 2021, 62, .	1.1	8
25	Metamorphic P - T evolution of the Mesoproterozoic Pur ϵ Banera supracrustal belt, Aravalli Craton, northwestern India: Insights from phase equilibria modelling and zircon- ϵ monazite geochronology of metapelites. <i>Journal of Metamorphic Geology</i> , 2021, 39, 1173-1204.	1.6	9
26	Nature of the Mantle Plume Under the Emeishan Large Igneous Province: Constraints From Olivine- ϵ Hosted Melt Inclusions of the Lijiang Picrites. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021022.	1.4	11
27	Cryptic zoning in primitive olivine as an archive of mush fluidization at mid-ocean ridges. <i>Lithos</i> , 2021, 390-391, 106121.	0.6	0
28	Dynamic processes of the curved subduction system in Southeast Asia: A review and future perspective. <i>Earth-Science Reviews</i> , 2021, 217, 103647.	4.0	39
29	Origin of potassic postcollisional volcanic rocks in young, shallow, blueschist-rich lithosphere. <i>Science Advances</i> , 2021, 7, .	4.7	7
30	Intermittent Post- ϵ Paleocene Continental Collision in South Asia. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094531.	1.5	4
31	Crustal SiO_2 Content of the Emeishan Large Igneous Province and its Implications for Magma Volume and Plumbing System. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009783.	1.0	11
32	Short duration of Early Permian Qiangtang-Panjal large igneous province: Implications for origin of the Neo-Tethys Ocean. <i>Earth and Planetary Science Letters</i> , 2021, 568, 117054.	1.8	39
33	Magnesium isotope constraints on contributions of recycled oceanic crust and lithospheric mantle to generation of intraplate basalts in a big mantle wedge. <i>Lithos</i> , 2021, 398-399, 106327.	0.6	2
34	Evidence of Volatile- ϵ Induced Melting in the Northeast Asian Upper Mantle. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022167.	1.4	3
35	Formation mechanism of the North- ϵ South Gravity Lineament in eastern China. <i>Tectonophysics</i> , 2021, 818, 229074.	0.9	12
36	Geochronology, petrology, and lithium isotope geochemistry of the Bailongshan granite-pegmatite system, northern Tibet: Implications for the ore-forming potential of pegmatites. <i>Chemical Geology</i> , 2021, 584, 120484.	1.4	20

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37	Olivine chemistry of the Quaternary Datong basalts of the Trans-North China Orogen: insights into mantle source lithology and redox/hydration state. Geological Society Special Publication, 2021, 510, 115-131.	0.8	2
38	Molybdenum isotopes unmask slab dehydration and melting beneath the Mariana arc. Nature Communications, 2021, 12, 6015.	5.8	23
39	Felsic volcanism as a factor driving the end-Permian mass extinction. Science Advances, 2021, 7, eabh1390.	4.7	63
40	Earliest to Paleoproterozoic crustal evolution in the North China Craton: Evidence from U-Pb and Hf-O isotopes of zircons from deep-crustal xenoliths. Geochimica Et Cosmochimica Acta, 2020, 278, 94-109.	1.6	49
41	Mineralogical constraints on the magmatic/hydrothermal evolution of rare-elements deposits in the Bailongshan granitic pegmatites, Xinjiang, NW China. Lithos, 2020, 352-353, 105208.	0.6	20
42	Oxidized Late Mesozoic subcontinental lithospheric mantle beneath the eastern North China Craton: A clue to understanding cratonic destruction. Gondwana Research, 2020, 81, 230-239.	3.0	19
43	Lithium isotope fractionation during fluid exsolution: Implications for Li mineralization of the Bailongshan pegmatites in the West Kunlun, NW Tibet. Lithos, 2020, 352-353, 105236.	0.6	30
44	Stability and migration of slab-derived carbonate-rich melts above the transition zone. Earth and Planetary Science Letters, 2020, 531, 116000.	1.8	15
45	Calcium isotopic composition of the lunar crust, mantle, and bulk silicate Moon: A preliminary study. Geochimica Et Cosmochimica Acta, 2020, 270, 313-324.	1.6	14
46	Western Northern Luzon Isotopic Evidence of Transition From Proto-South China Sea to South China Sea Fossil Ridge Subduction. Tectonics, 2020, 39, e2019TC005639.	1.3	15
47	Partial Melting of the Lower Oceanic Crust: Implications for Tracing the Slab Component in the Source of Mid-Ocean Ridge Basalts. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020673.	1.4	2
48	Holocene tephrostratigraphic framework and monsoon evolution of East Asia: Key tephra beds for synchronising palaeoclimate records. Quaternary Science Reviews, 2020, 242, 106467.	1.4	7
49	Neoproterozoic crustal reworking in the Aravalli Craton: Petrogenesis and tectonometamorphic history of the Malola granite, Bhilwara area, northwestern India. Geological Journal, 2020, 55, 8186-8210.	0.6	8
50	The origin of arc basalts: New advances and remaining questions. Science China Earth Sciences, 2020, 63, 1969-1991.	2.3	21
51	Oxidation State of the Lithospheric Mantle Beneath Komsomolskaya Magnitnaya Kimberlite Pipe, Upper Muna Field, Siberian Craton. Minerals (Basel, Switzerland), 2020, 10, 740.	0.8	6
52	The age and origin of cratonic lithospheric mantle: Archean dunites vs. Paleoproterozoic harzburgites from the Udachnaya kimberlite, Siberian craton. Geochimica Et Cosmochimica Acta, 2020, 281, 67-90.	1.6	22
53	Geochronology and geochemistry of the fossil-flora-bearing Wuda Tuff in North China Craton and its tectonic implications. Lithos, 2020, 364-365, 105485.	0.6	11
54	Anatexis and metamorphic history of Permian pelitic granulites from the southern Chinese Altai: Constraints from petrology, melt inclusions and phase equilibria modelling. Lithos, 2020, 360-361, 105432.	0.6	6

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55	Geology and geochronology of the super-large Bailongshan Li ⁷ Rb ⁸⁷ (Be) rare-metal pegmatite deposit, West Kunlun orogenic belt, NW China. <i>Lithos</i> , 2020, 360-361, 105449.	0.6	32
56	Geochemical, biostratigraphic, and high-resolution geochronological constraints on the waning stage of Emeishan Large Igneous Province. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 1969-1986.	1.6	39
57	Recycled carbonate-induced oxidization of the convective mantle beneath Jiaodong, Eastern China. <i>Lithos</i> , 2020, 366-367, 105544.	0.6	11
58	The Mantle Transition Zone Hosts the Missing HIMU Reservoir Beneath Eastern China. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087260.	1.5	6
59	Abrupt warming in the latest Permian detected using high-resolution in situ oxygen isotopes of conodont apatite from Abadeh, central Iran. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 560, 109973.	1.0	35
60	<i>Destruction of the North China Craton</i>; Multidisciplinary efforts over past ten years. <i>Chinese Science Bulletin</i> , 2020, 65, 3860-3861.	0.4	0
61	Zircon U-Pb age and Hf-O isotope insights into genesis of Permian Tarim felsic rocks, NW China: Implications for crustal melting in response to a mantle plume. <i>Gondwana Research</i> , 2019, 76, 290-302.	3.0	9
62	Geochemical characterization of a reconstructed 1110±Ma Large Igneous Province. <i>Precambrian Research</i> , 2019, 332, 105382.	1.2	37
63	Reply to comment by Qi and Wang on "Similar crust beneath disrupted and intact cratons: Arguments against lower-crust delamination as a decratonization trigger". <i>Tectonophysics</i> , 2019, 767, 128156.	0.9	0
64	Evidence of Early Cretaceous lower arc crust delamination and its role in the opening of the South China Sea. <i>Gondwana Research</i> , 2019, 76, 123-145.	3.0	17
65	Mesoarchaeon to Neoproterozoic (3.2±0.8 Ga) crustal growth and reworking in the Aravalli Craton, northwestern India: Insights from the Pur-Banera supracrustal belt. <i>Precambrian Research</i> , 2019, 332, 105383.	1.2	25
66	Mantle upwelling beneath the South China Sea and links to surrounding subduction systems. <i>National Science Review</i> , 2019, 6, 877-881.	4.6	26
67	The origins of high-Ti and low-Ti magmas in large igneous provinces, insights from melt inclusion trace elements and Sr-Pb isotopes in the Emeishan large Igneous Province. <i>Lithos</i> , 2019, 344-345, 122-133.	0.6	29
68	Oldest high-Ti basalt and magnesian crustal materials in feldspathic lunar meteorite Dhofar 1428. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 266, 74-108.	1.6	7
69	Developing a Holocene tephrostratigraphy for northern Japan using the sedimentary record from Lake Kushi, Rebun Island. <i>Quaternary Science Reviews</i> , 2019, 215, 272-292.	1.4	13
70	Two distinct mantle convection systems and reservoirs in the West Pacific. <i>Acta Geologica Sinica</i> , 2019, 93, 31-31.	0.8	0
71	Establishing the link between Permian volcanism and biodiversity changes: Insights from geochemical proxies. <i>Gondwana Research</i> , 2019, 75, 68-96.	3.0	57
72	Molybdenum and boron isotope evidence for fluid-fluxed melting of intraplate upper mantle beneath the eastern North China Craton. <i>Earth and Planetary Science Letters</i> , 2019, 520, 105-114.	1.8	32

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73	The subduction of the west Pacific plate and the destruction of the North China Craton. <i>Science China Earth Sciences</i> , 2019, 62, 1340-1350.	2.3	219
74	Post-250 Ma thermal evolution of the central Cathaysia Block (SE China) in response to flat-slab subduction at the proto-Western Pacific margin. <i>Gondwana Research</i> , 2019, 75, 1-15.	3.0	22
75	Magmatic Processes Associated with Oceanic Crustal Accretion at Slow-spreading Ridges: Evidence from Plagioclase in Mid-ocean Ridge Basalts from the South China Sea. <i>Journal of Petrology</i> , 2019, 60, 1135-1162.	1.1	16
76	Is there a big mantle wedge under eastern Tibet?. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 292, 100-113.	0.7	62
77	Development of a Dense Cratonic Keel Prior to the Destruction of the North China Craton: Constraints From Sedimentary Records and Numerical Simulation. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 13192-13206.	1.4	11
78	Destruction of the North China Craton in the Mesozoic. <i>Annual Review of Earth and Planetary Sciences</i> , 2019, 47, 173-195.	4.6	428
79	High-precision measurement of B isotopes on low-boron oceanic volcanic rock samples via MC-ICPMS: Evaluating acid leaching effects on boron isotope compositions, and B isotopic variability in depleted oceanic basalts. <i>Chemical Geology</i> , 2019, 505, 76-85.	1.4	13
80	Crustal melting above a mantle plume: Insights from the Permian Tarim Large Igneous Province, NW China. <i>Lithos</i> , 2019, 326-327, 370-383.	0.6	17
81	Plume-ridge interaction in the South China Sea: Thermometric evidence from Hole U1431E of IODP Expedition 349. <i>Lithos</i> , 2019, 324-325, 466-478.	0.6	35
82	Similar crust beneath disrupted and intact cratons: Arguments against lower-crust delamination as a decratonization trigger. <i>Tectonophysics</i> , 2019, 750, 1-8.	0.9	14
83	Evaluating the effect of leaching on trace element and Nd-Pb isotopic systematics in continental basalts. <i>Solid Earth Sciences</i> , 2019, 4, 1-11.	0.8	1
84	Crustal Footprint of the Hainan Plume Beneath Southeast China. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3065-3079.	1.4	28
85	⁴⁰ Ar/ ³⁹ Ar dating of oceanic plagiogranite: Constraints on the initiation of seafloor spreading in the South China Sea. <i>Lithos</i> , 2018, 302-303, 421-426.	0.6	13
86	The influence of the double spike proportion effect on stable isotope (Zn, Mo, Cd, and Sn) measurements by multicollector-inductively coupled plasma-mass spectrometry (MC-ICP-MS). <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 555-562.	1.6	19
87	Reworking of Archean mantle in the NE Siberian craton by carbonatite and silicate melt metasomatism: Evidence from a carbonate-bearing, dunite-to-websterite xenolith suite from the Obnazhennaya kimberlite. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 224, 132-153.	1.6	58
88	Subaqueous volcanism in the Paleo-Pacific Ocean based on Jurassic basaltic tuff and pillow basalt in the Raohe Complex, NE China. <i>Science China Earth Sciences</i> , 2018, 61, 1042-1056.	2.3	9
89	Melt Diversity and Magmatic Evolution in the Dali Picrites, Emeishan Large Igneous Province. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 9635-9657.	1.4	10
90	Continental Arc and Back-Arc Migration in Eastern NE China: New Constraints on Cretaceous Paleo-Pacific Subduction and Rollback. <i>Tectonics</i> , 2018, 37, 3893-3915.	1.3	41

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91	An evaluation of precision and accuracy of SIMS oxygen isotope analysis. <i>Solid Earth Sciences</i> , 2018, 3, 81-86.	0.8	61
92	Craton Destruction 2: Evolution of Cratonic Lithosphere After a Rapid Keel Delamination Event. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 10,069.	1.4	12
93	Generation of Cenozoic intraplate basalts in the big mantle wedge under eastern Asia. <i>Science China Earth Sciences</i> , 2018, 61, 869-886.	2.3	99
94	Craton Destruction 1: Cratonic Keel Delamination Along a Weak Midlithospheric Discontinuity Layer. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 10,040.	1.4	24
95	Late Cenozoic basaltic lavas from the Changbaishan-Baoqing Volcanic Belt, NE China: Products of lithosphere-asthenosphere interaction induced by subduction of the Pacific plate. <i>Journal of Asian Earth Sciences</i> , 2018, 164, 260-273.	1.0	16
96	The provenance of late Permian karstic bauxite deposits in SW China, constrained by the geochemistry of interbedded clastic rocks, and U-Pb-Hf-O isotopes of detrital zircons. <i>Lithos</i> , 2017, 278-281, 240-254.	0.6	53
97	Thermochronological record of Middle-Late Jurassic magmatic reheating to Eocene rift-related rapid cooling in the SE South China Block. <i>Gondwana Research</i> , 2017, 46, 191-203.	3.0	24
98	Short episodes of crust generation during protracted accretionary processes: Evidence from Central Asian Orogenic Belt, NW China. <i>Earth and Planetary Science Letters</i> , 2017, 464, 142-154.	1.8	98
99	Hydrous orthopyroxene-rich pyroxenite source of the Xinkailing high magnesium andesites, Western Liaoning: Implications for the subduction-modified lithospheric mantle and the destruction mechanism of the North China Craton. <i>Lithos</i> , 2017, 282-283, 10-22.	0.6	18
100	Early Jurassic calc-alkaline magmatism in northeast China: Magmatic response to subduction of the Paleo-Pacific Plate beneath the Eurasian continent. <i>Journal of Asian Earth Sciences</i> , 2017, 143, 249-268.	1.0	60
101	Ultramafic to mafic granulites from the Larsemann Hills, East Antarctica: Geochemistry and tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 679-690.	1.0	13
102	Differential partial melting process for temporal variations of Shandong basalts revealed by melt inclusions and their host olivines. <i>Gondwana Research</i> , 2017, 49, 205-221.	3.0	8
103	Phanerozoic magma underplating and crustal growth beneath the North China Craton. <i>Terra Nova</i> , 2017, 29, 211-217.	0.9	11
104	Primary magmas and mantle sources of Emeishan basalts constrained from major element, trace element and Pb isotope compositions of olivine-hosted melt inclusions. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 208, 63-85.	1.6	68
105	Evolution of the mantle beneath the eastern North China Craton during the Cenozoic: Linking geochemical and geophysical observations. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 224-246.	1.4	23
106	Unusually thickened crust beneath the Emeishan large igneous province detected by virtual deep seismic sounding. <i>Tectonophysics</i> , 2017, 721, 387-394.	0.9	12
107	Development of CA-ID-TIMS zircon U-Pb dating technique at Guangzhou Institute of Geochemistry, Chinese Academy of Sciences. <i>Solid Earth Sciences</i> , 2017, 2, 55-61.	0.8	2
108	Triggers on sulfide saturation in Fe-Ti oxide-bearing, mafic-ultramafic layered intrusions in the Tarim large igneous province, NW China. <i>Mineralium Deposita</i> , 2017, 52, 471-494.	1.7	5

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109	Sr-Nd-Pb isotopic compositions of the lower crust beneath northern Tarim: insights from igneous rocks in the Kuluketage area, NW China. <i>Mineralogy and Petrology</i> , 2017, 111, 237-252.	0.4	9
110	Plume-oro-genic lithosphere interaction recorded in the Haladala layered intrusion in the Southwest Tianshan Orogen, NW China. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 1525-1545.	1.4	21
111	A Possible Mechanism to Thin Lithosphere of the North China Craton: Insights from Cretaceous Mafic Dikes in the Jiaodong Peninsula. <i>Acta Geologica Sinica</i> , 2016, 90, 106-108.	0.8	1
112	Rapid lithospheric thinning of the North China Craton: New evidence from cretaceous mafic dikes in the Jiaodong Peninsula. <i>Chemical Geology</i> , 2016, 432, 1-15.	1.4	96
113	Climatic and tectonic controls on Late Triassic to Middle Jurassic sedimentation in northeastern Guangdong Province, South China. <i>Tectonophysics</i> , 2016, 677-678, 68-87.	0.9	9
114	High-alumina basalts from the Bogda Mountains suggest an arc setting for Chinese Northern Tianshan during the Late Carboniferous. <i>Lithos</i> , 2016, 256-257, 165-181.	0.6	47
115	Boron isotopes reveal multiple metasomatic events in the mantle beneath the eastern North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 194, 77-90.	1.6	26
116	Petrogenesis and geodynamic implications of the Late Carboniferous felsic volcanics in the Bogda belt, Chinese Northern Tianshan. <i>Gondwana Research</i> , 2016, 39, 165-179.	3.0	24
117	Dyke swarms: keys to paleogeographic reconstructions. <i>Science Bulletin</i> , 2016, 61, 1669-1671.	4.3	4
118	Coexisting Early Cretaceous High-Mg Andesites and Adakitic Rocks in the North China Craton: the Role of Water in Intraplate Magmatism and Cratonic Destruction. <i>Journal of Petrology</i> , 2016, 57, 1279-1308.	1.1	56
119	B isotopes of Carboniferous-Permian volcanic rocks in the Tuha basin mirror a transition from subduction to intraplate setting in Central Asian Orogenic Belt. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 7946-7964.	1.4	18
120	High-Mg adakitic rocks and their complementary cumulates formed by crystal fractionation of hydrous mafic magmas in a continental crustal magma chamber. <i>Lithos</i> , 2016, 260, 211-224.	0.6	17
121	Origin of high-An plagioclase in the early Permian (~280 Ma) Xiaohaizi wehrlite, Northwest China: insights from melt inclusions in clinopyroxene macrocrysts and zircon oxygen isotopes. <i>International Geology Review</i> , 2016, 58, 1005-1019.	1.1	5
122	Petrogenesis and geochemistry of the Late Carboniferous rear-arc (or back-arc) pillow basaltic lava in the Bogda Mountains, Chinese North Tianshan. <i>Lithos</i> , 2016, 244, 30-42.	0.6	53
123	Clarifying the distal to proximal tephrochronology of the Millennium (B ^ø Tm) eruption, Changbaishan Volcano, northeast China. <i>Quaternary Geochronology</i> , 2016, 33, 61-75.	0.6	45
124	Lateral variation in oxygen fugacity and halogen contents in early Cretaceous magmas in Jiaodong area, East China: Implication for triggers of the destruction of the North China Craton. <i>Lithos</i> , 2016, 248-251, 478-492.	0.6	16
125	Olivine and melt inclusion chemical constraints on the source of intracontinental basalts from the eastern North China Craton: Discrimination of contributions from the subducted Pacific slab. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 178, 1-19.	1.6	68
126	Re-evaluating the geochronology of the Permian Tarim magmatic province: implications for temporal evolution of magmatism. <i>Journal of the Geological Society</i> , 2016, 173, 228-239.	0.9	22

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127	High-resolution SIMS oxygen isotope analysis on conodont apatite from South China and implications for the end-Permian mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 448, 26-38.	1.0	133
128	Provenance of Cretaceous trench slope sediments from the Mesozoic Wandashan Orogen, NE China: Implications for determining ancient drainage systems and tectonics of the Paleo-Pacific. <i>Tectonics</i> , 2015, 34, 1269-1289.	1.3	54
129	Composition of the Tarim mantle plume: Constraints from clinopyroxene antecrysts in the early Permian Xiaohaizi dykes, NW China. <i>Lithos</i> , 2015, 230, 69-81.	0.6	25
130	Crustal velocity structure in the Emeishan large igneous province and evidence of the Permian mantle plume activity. <i>Science China Earth Sciences</i> , 2015, 58, 1133-1147.	2.3	53
131	Magma mixing origin for high Ba/Sr granitic pluton in the Bayankhongor area, central Mongolia: Response to slab roll-back. <i>Journal of Asian Earth Sciences</i> , 2015, 113, 353-368.	1.0	31
132	Disequilibrium-induced initial Os isotopic heterogeneity in gram aliquots of single basaltic rock powders: Implications for dating and source tracing. <i>Chemical Geology</i> , 2015, 406, 10-17.	1.4	27
133	Pyroxenite-derived Early Cretaceous lavas in the Liaodong Peninsula: Implication for metasomatism and thinning of the lithospheric mantle beneath North China Craton. <i>Lithos</i> , 2015, 227, 77-93.	0.6	30
134	Are continental adakites derived from thickened or foundered lower crust?. <i>Earth and Planetary Science Letters</i> , 2015, 419, 125-133.	1.8	176
135	The Permian Dongfanghong island-arc gabbro of the Wandashan Orogen, NE China: Implications for Paleo-Pacific subduction. <i>Tectonophysics</i> , 2015, 659, 122-136.	0.9	119
136	Magmatic underplating and crustal growth in the Emeishan Large Igneous Province, SW China, revealed by a passive seismic experiment. <i>Earth and Planetary Science Letters</i> , 2015, 432, 103-114.	1.8	78
137	Late Triassic bimodal igneous rocks in eastern Heilongjiang Province, NE China: Implications for the initiation of subduction of the Paleo-Pacific Plate beneath Eurasia. <i>Journal of Asian Earth Sciences</i> , 2015, 97, 406-423.	1.0	110
138	Zircon U/Pb dating, geochemistry and Sr/Nd/Pb/Hf isotopes of the Wajilitag alkali mafic dikes, and associated diorite and syenitic rocks: Implications for magmatic evolution of the Tarim large igneous province. <i>Lithos</i> , 2015, 212-215, 428-442.	0.6	32
139	Petrology and Sr/Nd Isotopic Disequilibrium of the Xiaohaizi Intrusion, NW China: Genesis of Layered Intrusions in the Tarim Large Igneous Province. <i>Journal of Petrology</i> , 2014, 55, 2567-2598.	1.1	32
140	Thinning and destruction of the cratonic lithosphere: A global perspective. <i>Science China Earth Sciences</i> , 2014, 57, 2878-2890.	2.3	102
141	Anticlockwise P-T evolution at ~1/4280Ma recorded from ultrahigh-temperature metapelitic granulite in the Chinese Altai orogenic belt, a possible link with the Tarim mantle plume?. <i>Journal of Asian Earth Sciences</i> , 2014, 94, 1-11.	1.0	51
142	CA-TIMS zircon U/Pb dating of felsic ignimbrite from the Binchuan section: Implications for the termination age of Emeishan large igneous province. <i>Lithos</i> , 2014, 204, 14-19.	0.6	183
143	Stratigraphic evolution of a Late Triassic to Early Jurassic intracontinental basin in southeastern South China: A consequence of flat-slab subduction?. <i>Sedimentary Geology</i> , 2014, 302, 44-63.	1.0	22
144	Origin of the early Permian Wajilitag igneous complex and associated Fe/Ti oxide mineralization in the Tarim large igneous province, NW China. <i>Journal of Asian Earth Sciences</i> , 2014, 84, 51-68.	1.0	36

#	ARTICLE	IF	CITATIONS
145	The Early Permian Tarim Large Igneous Province: Main characteristics and a plume incubation model. <i>Lithos</i> , 2014, 204, 20-35.	0.6	216
146	Recycled oceanic crust in the source of 90â€“40Ma basalts in North and Northeast China: Evidence, provenance and significance. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 143, 49-67.	1.6	114
147	Two episodes of volcanism in the Wudalianchi volcanic belt, NE China: Evidence for tectonic controls on volcanic activities. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 285, 170-179.	0.8	32
148	Plume-lithosphere interaction in the generation of the Tarim large igneous province, NW China: Geochronological and geochemical constraints. <i>Numerische Mathematik</i> , 2014, 314, 314-356.	0.7	120
149	Origin of two types of rhyolites in the Tarim Large Igneous Province: Consequences of incubation and melting of a mantle plume. <i>Lithos</i> , 2014, 204, 59-72.	0.6	49
150	Triggers of Permo-Triassic boundary mass extinction in South China: The Siberian Traps or Paleo-Tethys ignimbrite flare-up?. <i>Lithos</i> , 2014, 204, 258-267.	0.6	75
151	Chemical heterogeneity of the Emeishan mantle plume: Evidence from highly siderophile element abundances in picrites. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 191-205.	1.0	14
152	Geochronology and geochemistry of Cenozoic basalts from eastern Guangdong, SE China: constraints on the lithosphere evolution beneath the northern margin of the South China Sea. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 437-455.	1.2	77
153	Precise measurement of stable ($^{88}\text{Sr}/^{86}\text{Sr}$) and radiogenic ($^{87}\text{Sr}/^{86}\text{Sr}$) strontium isotope ratios in geological standard reference materials using MC-ICP-MS. <i>Science Bulletin</i> , 2013, 58, 3111-3118.	1.7	45
154	Implications from zircon-saturation temperatures and lithological assemblages for Early Permian thermal anomaly in northwest China. <i>Lithos</i> , 2013, 182-183, 125-133.	0.6	31
155	Precise measurement of stable neodymium isotopes of geological materials by using MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 1926.	1.6	36
156	Provenance of sediments from Mesozoic basins in western Shandong: Implications for the evolution of the eastern North China Block. <i>Journal of Asian Earth Sciences</i> , 2013, 76, 12-29.	1.0	38
157	Mineralogy and geochemistry of claystones from the Guadalupianâ€“Lopingian boundary at Penglaitan, South China: Insights into the pre-Lopingian geological events. <i>Journal of Asian Earth Sciences</i> , 2013, 62, 438-462.	1.0	48
158	Detrital zircons reveal no Jurassic plateau in the eastern North China Craton. <i>Gondwana Research</i> , 2013, 24, 622-634.	3.0	33
159	Identification of an ancient mantle reservoir and young recycled materials in the source region of a young mantle plume: Implications for potential linkages between plume and plate tectonics. <i>Earth and Planetary Science Letters</i> , 2013, 377-378, 248-259.	1.8	134
160	Destruction of the North China Craton Induced by Ridge Subductions. <i>Journal of Geology</i> , 2013, 121, 197-213.	0.7	88
161	Sulfur in olivine-hosted melt inclusions from the Emeishan picrites: Implications for S degassing and its impact on environment. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4063-4070.	1.4	30
162	Oceanic crust components in continental basalts from Shuangliao, Northeast China: Derived from the mantle transition zone?. <i>Chemical Geology</i> , 2012, 328, 168-184.	1.4	174

#	ARTICLE	IF	CITATIONS
163	Temporal-spatial distribution and tectonic implications of the batholiths in the Gaoligong-Tengliang-Yingjiang area, western Yunnan: Constraints from zircon U-Pb ages and Hf isotopes. <i>Journal of Asian Earth Sciences</i> , 2012, 53, 151-175.	1.0	170
164	Hf isotopic characteristics of the Tarim Permian large igneous province rocks of NW China: Implication for the magmatic source and evolution. <i>Journal of Asian Earth Sciences</i> , 2012, 49, 191-202.	1.0	57
165	Revisiting the orlithic tectonic belt: Implications for the Paleozoic tectonic evolution of the Altai orogen. <i>Journal of Asian Earth Sciences</i> , 2012, 52, 117-133.	1.0	84
166	Hydrothermal fluids, argon isotopes and mineralization ages of the Fankou Pb-Zn deposit in south China: Insights from sphalerite $^{40}\text{Ar}/^{39}\text{Ar}$ progressive crushing. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 84, 369-379.	1.6	25
167	Two tales of the continental lithospheric mantle prior to the destruction of the North China Craton: Insights from Early Cretaceous mafic intrusions in western Shandong, East China. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 96, 193-214.	1.6	86
168	U-Pb ages and Hf isotope data from detrital zircons in the Neoproterozoic sandstones of northern Jiangsu and southern Liaoning Provinces, China: Implications for the Late Precambrian evolution of the southeastern North China Craton. <i>Precambrian Research</i> , 2012, 216-219, 162-176.	1.2	89
169	Metasomatized lithosphere-asthenosphere interaction during slab roll-back: Evidence from Late Carboniferous gabbros in the Luotuogou area, Central Tianshan. <i>Lithos</i> , 2012, 155, 67-80.	0.6	54
170	Petrology, geochemistry and Re-Os isotopes of peridotite xenoliths from Yantai, Shandong Province: Evidence for Phanerozoic lithospheric mantle beneath eastern North China Craton. <i>Lithos</i> , 2012, 155, 256-271.	0.6	26
171	Destruction of the North China Craton. <i>Science China Earth Sciences</i> , 2012, 55, 1565-1587.	2.3	440
172	Opening and evolution of the South China Sea constrained by studies on volcanic rocks: Preliminary results and a research design. <i>Science Bulletin</i> , 2012, 57, 3150-3164.	1.7	116
173	Effects of melt percolation on the Re-Os systematics of continental mantle lithosphere: A case study of spinel peridotite xenoliths from Heilongjiang, NE China. <i>Science China Earth Sciences</i> , 2012, 55, 949-965.	2.3	5
174	Recycling oceanic crust for continental crustal growth: Sr-Nd-Hf isotope evidence from granitoids in the western Junggar region, NW China. <i>Lithos</i> , 2012, 128-131, 73-83.	0.6	85
175	Repeated modification of lithospheric mantle in the eastern North China Craton: Constraints from SHRIMP zircon U-Pb dating of dunite xenoliths in western Shandong. <i>Science Bulletin</i> , 2012, 57, 651-659.	1.7	16
176	Mapping lithospheric boundaries using Os isotopes of mantle xenoliths: An example from the North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 3881-3902.	1.6	118
177	Reply to comment on "Paleokarst on the top of the Maokou Formation: further evidence for domal crustal uplift prior to the Emeishan flood volcanism" by Bin He, Yi-Gang Xu, Jun-Peng Guan & Yu-Ting Zhong. <i>Lithos</i> 119 1-9, 2010. <i>Lithos</i> , 2011, 125, 1009-1011.	0.6	8
178	High-precision $^{40}\text{Ar}/^{39}\text{Ar}$ age of the gas emplacement into the Songliao Basin. <i>Geology</i> , 2011, 39, 451-454.	2.0	29
179	Oceanic lithospheric mantle beneath the continental crust of the Chinese Altai. <i>Journal of the Geological Society</i> , 2011, 168, 995-1000.	0.9	14
180	Thermal state and structure of the lithosphere beneath eastern China: A synthesis on basalt-borne xenoliths. <i>Journal of Earth Science (Wuhan, China)</i> , 2010, 21, 711-730.	1.1	42

#	ARTICLE	IF	CITATIONS
181	Wet deposition of nitrogen and sulfur in Guangzhou, a subtropical area in South China. <i>Environmental Monitoring and Assessment</i> , 2010, 171, 429-439.	1.3	35
182	Primitive magmas in the Emeishan Large Igneous Province, southwestern China and northern Vietnam. <i>Lithos</i> , 2010, 119, 75-90.	0.6	89
183	Silicic magmas from the Emeishan large igneous province, Southwest China: Petrogenesis and their link with the end-Guadalupian biological crisis. <i>Lithos</i> , 2010, 119, 47-60.	0.6	148
184	The Guadalupian–Lopingian boundary mudstones at Chaotian (SW China) are clastic rocks rather than acidic tuffs: Implication for a temporal coincidence between the end-Guadalupian mass extinction and the Emeishan volcanism. <i>Lithos</i> , 2010, 119, 10-19.	0.6	137
185	Os, Nd and Sr isotope and trace element geochemistry of the Muli picrites: Insights into the mantle source of the Emeishan Large Igneous Province. <i>Lithos</i> , 2010, 119, 108-122.	0.6	75
186	Post-collisional plutons in the Balikun area, East Chinese Tianshan: Evolving magmatism in response to extension and slab break-off. <i>Lithos</i> , 2010, 119, 269-288.	0.6	205
187	Paleokarst on the top of the Maokou Formation: Further evidence for domal crustal uplift prior to the Emeishan flood volcanism. <i>Lithos</i> , 2010, 119, 1-9.	0.6	64
188	Diverse Permian magmatism in the Tarim Block, NW China: Genetically linked to the Permian Tarim mantle plume?. <i>Lithos</i> , 2010, 119, 537-552.	0.6	156
189	Mineralogical and Geochemical Constraints on the Petrogenesis of Post-collisional Potassic and Ultrapotassic Rocks from Western Yunnan, SW China. <i>Journal of Petrology</i> , 2010, 51, 1617-1654.	1.1	120
190	A Permian large igneous province in Tarim and Central Asian orogenic belt, NW China: Results of a ca. 275 Ma mantle plume?. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 2020-2040.	1.6	140
191	U–Pb and Hf isotope analyses of detrital zircons from Late Paleozoic sediments: Insights into interactions of the North China Craton with surrounding plates. <i>Journal of Asian Earth Sciences</i> , 2010, 39, 335-346.	1.0	82
192	Remnants of oceanic lower crust in the subcontinental lithospheric mantle: Trace element and Sr–Nd–O isotope evidence from aluminous garnet pyroxenite xenoliths from Jiaohe, Northeast China. <i>Earth and Planetary Science Letters</i> , 2010, 297, 413-422.	1.8	76
193	Variations of Sr–Nd–Hf isotopic systematics in basalt during intensive weathering. <i>Chemical Geology</i> , 2010, 269, 376-385.	1.4	44
194	Geochemistry of TTG and TTG-like gneisses from Lushan-Taihua complex in the southern North China Craton: Implications for late Archean crustal accretion. <i>Precambrian Research</i> , 2010, 182, 43-56.	1.2	170
195	Distribution, regional sources and deposition fluxes of organochlorine pesticides in precipitation in Guangzhou, South China. <i>Atmospheric Research</i> , 2010, 97, 115-123.	1.8	28
196	Magmatic diapirism of the Fangshan pluton, southwest of Beijing, China. <i>Journal of Structural Geology</i> , 2009, 31, 615-626.	1.0	57
197	Neoproterozoic adakitic rocks from Mopanshan in the western Yangtze Craton: Partial melts of a thickened lower crust. <i>Lithos</i> , 2009, 112, 367-381.	0.6	182
198	Distribution and deposition of polycyclic aromatic hydrocarbons in precipitation in Guangzhou, South China. <i>Journal of Environmental Sciences</i> , 2009, 21, 654-660.	3.2	25

#	ARTICLE	IF	CITATIONS
199	Activation of northern margin of the North China Craton in Late Paleozoic: Evidence from U-Pb dating and Hf isotopes of detrital zircons from the Upper Carboniferous Taiyuan Formation in the Ningwu-Jingle basin. <i>Science Bulletin</i> , 2009, 54, 677-686.	1.7	52
200	On the timing and duration of the destruction of the North China Craton. <i>Science Bulletin</i> , 2009, 54, 3379-3396.	4.3	218
201	Pre-eruptive uplift in the Emeishan?. <i>Nature Geoscience</i> , 2009, 2, 530-531.	5.4	20
202	Chemical composition and seasonal variation of acid deposition in Guangzhou, South China: Comparison with precipitation in other major Chinese cities. <i>Environmental Pollution</i> , 2009, 157, 35-41.	3.7	104
203	Hf ¹⁷⁶ /Nd isotopic decoupling in continental mantle lithosphere beneath Northeast China: Effects of pervasive mantle metasomatism. <i>Journal of Asian Earth Sciences</i> , 2009, 35, 554-570.	1.0	39
204	Late Archean to Early Proterozoic lithospheric mantle beneath the western North China craton: Sr ⁸⁷ /Nd ¹⁴³ and Os isotopes of peridotite xenoliths from Yangyuan and Fansi. <i>Lithos</i> , 2008, 102, 25-42.	0.6	128
205	Petrogenesis and tectonic implications of Neoproterozoic, highly fractionated A-type granites from Mianning, South China. <i>Precambrian Research</i> , 2008, 165, 190-204.	1.2	108
206	Detrital zircon evidence from Burma for reorganization of the eastern Himalayan river system. <i>Numerische Mathematik</i> , 2008, 308, 618-638.	0.7	96
207	Zircon U ²³⁵ /Pb and Hf isotope constraints on crustal melting associated with the Emeishan mantle plume. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 3084-3104.	1.6	233
208	Eocene break-off of the Neo-Tethyan slab as inferred from intraplate-type mafic dykes in the Gaoligong orogenic belt, eastern Tibet. <i>Chemical Geology</i> , 2008, 255, 439-453.	1.4	137
209	Thick, high-velocity crust in the Emeishan large igneous province, southwestern China: Evidence for crustal growth by magmatic underplating or intraplating. , 2007, , 841-858.		21
210	Age and duration of the Emeishan flood volcanism, SW China: Geochemistry and SHRIMP zircon U ²³⁵ /Pb dating of silicic ignimbrites, post-volcanic Xuanwei Formation and clay tuff at the Chaotian section. <i>Earth and Planetary Science Letters</i> , 2007, 255, 306-323.	1.8	369
211	Regional uplift associated with continental large igneous provinces: The roles of mantle plumes and the lithosphere. <i>Chemical Geology</i> , 2007, 241, 282-318.	1.4	203
212	Os, Pb, and Nd isotope geochemistry of the Permian Emeishan continental flood basalts: Insights into the source of a large igneous province. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2104-2119.	1.6	109
213	Mobilization and re-distribution of major and trace elements during extreme weathering of basalt in Hainan Island, South China. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 3223-3237.	1.6	244
214	Late Permian Emeishan Flood Basalts in Southwestern China. <i>Earth Science Frontiers</i> , 2007, 14, 1-9.	0.5	22
215	Integration of geology, geophysics and geochemistry: A key to understanding the North China Craton. <i>Lithos</i> , 2007, 96, 1-21.	0.6	529
216	Diachronous lithospheric thinning of the North China Craton and formation of the Daxin'anling-Taihangshan gravity lineament. <i>Lithos</i> , 2007, 96, 281-298.	0.6	235

#	ARTICLE	IF	CITATIONS
217	Exsolution lamellae in a clinopyroxene megacryst aggregate from Cenozoic basalt, Leizhou Peninsula, South China: petrography and chemical evolution. <i>Contributions To Mineralogy and Petrology</i> , 2007, 154, 691-705.	1.2	60
218	Geochronologic and petrochemical evidence for the genetic link between the Maomaogou nepheline syenites and the Emeishan large igneous province. <i>Science Bulletin</i> , 2007, 52, 949-958.	1.7	24
219	Identification of mantle plumes in the Emeishan Large Igneous Province. <i>Episodes</i> , 2007, 30, 32-42.	0.8	63
220	Kinematics and $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of the Gaoligong and Chongshan shear systems, western Yunnan, China: Implications for early Oligocene tectonic extrusion of SE Asia. <i>Tectonophysics</i> , 2006, 418, 235-254.	0.9	154
221	Old EMI-type enriched mantle under the middle North China Craton as indicated by Sr and Nd isotopes of mantle xenoliths from Yangyuan, Hebei Province. <i>Science Bulletin</i> , 2006, 51, 1343-1349.	1.7	17
222	Sedimentation and Lithofacies Paleogeography in Southwestern China Before and After the Emeishan Flood Volcanism: New Insights into Surface Response to Mantle Plume Activity. <i>Journal of Geology</i> , 2006, 114, 117-132.	0.7	84
223	Domains and enrichment mechanism of the lithospheric mantle in western Yunnan: A comparative study on two types of Cenozoic ultrapotassic rocks. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 326-337.	0.9	15
224	Mafic volcanoclastic deposits in flood basalt provinces: A review. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 145, 281-314.	0.8	136
225	Role of lithosphere-asthenosphere interaction in the genesis of Quaternary alkali and tholeiitic basalts from Datong, western North China Craton. <i>Chemical Geology</i> , 2005, 224, 247-271.	1.4	266
226	Contrasting Cenozoic Lithospheric Evolution and Architecture in the Western and Eastern Sino-Korean Craton: Constraints from Geochemistry of Basalts and Mantle Xenoliths. <i>Journal of Geology</i> , 2004, 112, 593-605.	0.7	152
227	Geologic, geochemical, and geophysical consequences of plume involvement in the Emeishan flood-basalt province. <i>Geology</i> , 2004, 32, 917.	2.0	405
228	Contrasting Enrichments in High- and Low-Temperature Mantle Xenoliths from Nushan, Eastern China: Results of a Single Metasomatic Event during Lithospheric Accretion?. <i>Journal of Petrology</i> , 2004, 45, 321-341.	1.1	66
229	Early Cretaceous gabbroic complex from Yinan, Shandong Province: petrogenesis and mantle domains beneath the North China Craton. <i>International Journal of Earth Sciences</i> , 2004, 93, 1025-1041.	0.9	134
230	Crust-mantle interaction during the tectono-thermal reactivation of the North China Craton: constraints from SHRIMP zircon U-Pb chronology and geochemistry of Mesozoic plutons from western Shandong. <i>Contributions To Mineralogy and Petrology</i> , 2004, 147, 750-767.	1.2	279
231	Highly magnesian olivines and green-core clinopyroxenes in ultrapotassic lavas from western Yunnan, China: evidence for a complex hybrid origin. <i>European Journal of Mineralogy</i> , 2004, 15, 965-975.	0.4	25
232	Distinct mantle sources of low-Ti and high-Ti basalts from the western Emeishan large igneous province, SW China: implications for plume-lithosphere interaction. <i>Earth and Planetary Science Letters</i> , 2004, 228, 525-546.	1.8	439
233	Geochronology, petrology and geochemistry of the granulite xenoliths from Nushan, east China. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 127-149.	1.6	134
234	Origin of two differentiation trends in the Emeishan flood basalts. <i>Science Bulletin</i> , 2003, 48, 390-394.	1.7	23

#	ARTICLE	IF	CITATIONS
235	Paleoproterozoic lower crust beneath Nushan in Anhui Province: Evidence from zircon SHRIMP U-Pb dating on granulite xenoliths in Cenozoic alkali basalt. <i>Science Bulletin</i> , 2003, 48, 1381-1385.	1.7	44
236	Reactive harzburgites from Huinan, NE China: products of the lithosphere-asthenosphere interaction during lithospheric thinning?. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 487-505.	1.6	111
237	Sedimentary evidence for a rapid, kilometer-scale crustal doming prior to the eruption of the Emeishan flood basalts. <i>Earth and Planetary Science Letters</i> , 2003, 213, 391-405.	1.8	430
238	Chemostratigraphic Correlation of Upper Permian Lavas from Yunnan Province, China: Extent of the Emeishan Large Igneous Province. <i>International Geology Review</i> , 2003, 45, 753-766.	1.1	114
239	Origin of two differentiation trends in the Emeishan flood basalts. <i>Science Bulletin</i> , 2003, 48, 390.	1.7	5
240	Evidence for crustal components in the mantle and constraints on crustal recycling mechanisms: pyroxenite xenoliths from Hannuoba, North China. <i>Chemical Geology</i> , 2002, 182, 301-322.	1.4	172
241	Xenolith evidence for polybaric melting and stratification of the upper mantle beneath South China. <i>Journal of Asian Earth Sciences</i> , 2002, 20, 937-954.	1.0	68
242	Thermo-tectonic destruction of the archaean lithospheric keel beneath the sino-korean craton in china: evidence, timing and mechanism. <i>Physics and Chemistry of the Earth</i> , 2001, 26, 747-757.	0.6	747
243	Petrologic and geochemical constraints on the petrogenesis of Permian-Triassic Emeishan flood basalts in southwestern China. <i>Lithos</i> , 2001, 58, 145-168.	0.6	785
244	Exotic lithosphere mantle beneath the western Yangtze craton: Petrogenetic links to Tibet using highly magnesian ultrapotassic rocks. <i>Geology</i> , 2001, 29, 863.	2.0	113
245	Distribution of trace elements in spinel and garnet peridotites. <i>Science in China Series D: Earth Sciences</i> , 2000, 43, 166-175.	0.9	10
246	Trace element characteristics and origin of intergranular components in mantle peridotites. <i>Science Bulletin</i> , 2000, 45, 643-649.	1.7	4
247	The geotherm of the lithosphere beneath Qilin, SE China: a re-appraisal and implications for estimation of Fe-rich pyroxenites. <i>Lithos</i> , 1999, 47, 181-193.	0.6	21
248	Melt percolation and reaction atop a plume: evidence from the poikiloblastic peridotite xenoliths from BorÅe (Massif Central, France). <i>Contributions To Mineralogy and Petrology</i> , 1998, 132, 65-84.	1.2	76
249	Relation between texture and chemical composition of peridotite xenoliths and its implications: An example from Wangqing Jilin Province. <i>Science Bulletin</i> , 1998, 43, 837-840.	1.7	0
250	Fractionation of platinum group elements in upper mantle: Evidence from peridotite xenoliths from Wangqing. <i>Science in China Series D: Earth Sciences</i> , 1998, 41, 354-361.	0.9	8
251	Geodynamics of the North China Craton. <i>Geodynamic Series</i> , 1998, , 155-165.	0.1	175
252	Amphibole-bearing peridotite xenoliths from Nushan, Anhui Province: Evidence for melt percolation process in the upper mantle and lithospheric uplift. <i>Diqiu Huaxue</i> , 1997, 16, 213-229.	0.5	9

#	ARTICLE	IF	CITATIONS
253	K-rich glass-bearing wehrlite xenoliths from Yitong, Northeastern China: petrological and chemical evidence for mantle metasomatism. <i>Contributions To Mineralogy and Petrology</i> , 1996, 125, 406-420.	1.2	64
254	The upper mantle beneath the continental rift of Tanlu, Eastern China: evidence for the intra-lithospheric shear zones. <i>Tectonophysics</i> , 1993, 225, 337-360.	0.9	46