

Yong-Sheng Liu

List of Publications by Year in descending order

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papers

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13099

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times ranked

6677
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#	ARTICLE	IF	CITATIONS
1	A new analytical mode and application of the laser ablation inductively coupled plasma mass spectrometer in the earth sciences. <i>Science China Earth Sciences</i> , 2022, 65, 182-196.	5.2	5
2	An Improved Procedure for the Determination of Trace Elements in Silicate Rocks Using NH_4HF_2 Digestion. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 21-35.	3.1	4
3	Determination of carbon isotopes in carbonates (calcite, dolomite, magnesite, and siderite) by femtosecond laser ablation multi-collector ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 278-288.	3.0	8
4	Formation of green-core clinopyroxene in continental basalts through magmatic differentiation and crustal assimilation: Insights from in-situ trace element and Pb isotopic compositions. <i>Lithos</i> , 2022, 410-411, 106587.	1.4	2
5	A new synthesis scheme of pyrite and chalcopyrite reference materials for <i>in situ</i> iron and sulfur isotope analysis using LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 551-562.	3.0	16
6	Non-matrix-matched calibration of Mg isotopic ratios in silicate samples by fs-LA-MC-ICP-MS with low mass resolution under wet plasma conditions. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 592-602.	3.0	10
7	Copper mobilization in the lower continental crust beneath cratonic margins, a Cu isotope perspective. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 322, 43-57.	3.9	11
8	Origin of low-MgO primitive intraplate alkaline basalts from partial melting of carbonate-bearing eclogite sources. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 324, 240-261.	3.9	13
9	Accurate Determination of Zr Isotopic Ratio in Zircons by Femtosecond Laser Ablation MC-ICP-MS with a Wet Plasma Technique. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 67-75.	3.2	23
10	Decoupled Zn-Sr-Nd isotopic composition of continental intraplate basalts caused by two-stage melting process. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 326, 234-252.	3.9	13
11	Isotopic Analysis by Laser Ablation Solution Sampling MC-ICP-MS—An Example of Boron. <i>Analytical Chemistry</i> , 2022, 94, 1286-1293.	6.5	5
12	Determination of the Isotopic Composition of Ytterbium by MC-ICP-MS Using an Optimized Regression Model. <i>Analytical Chemistry</i> , 2022, 94, 7200-7209.	6.5	1
13	High-precision magnesium isotope analysis of carbonates by laser ablation MC-ICP-MS using wet and dry conditions. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1665-1674.	3.0	4
14	Bulk compositions of the Chang'e-5 lunar soil: Insights into chemical homogeneity, exotic addition, and origin of landing site basalts. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 335, 284-296.	3.9	38
15	Anoxia may delay biotic recovery from the Late Ordovician mass extinction. <i>Science Bulletin</i> , 2021, 66, 414-416.	9.0	3
16	Non-matrix-matched analysis of U-Th-Pb geochronology of bastnaesite by laser ablation inductively coupled plasma mass spectrometry. <i>Science China Earth Sciences</i> , 2021, 64, 667-676.	5.2	8
17	Investigation of nitrogen addition, position effect and mismatch intensity effect in Li isotopic analysis by nanosecond laser ablation multi-collector inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 177, 106074.	2.9	7
18	Calcium Stable Isotopes of Tonga and Mariana Arc Lavas: Implications for Slab Fluid-Mediated Carbonate Transfer in Cold Subduction Zones. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020207.	3.4	4

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19	Transformation from oxidized to reduced alkaline magmas in the northern North China Craton. <i>Lithos</i> , 2021, 390-391, 106104.	1.4	2
20	Recycling of Paleo-Asian Ocean carbonates and its influence on the lithospheric composition of the North China Craton. <i>Science China Earth Sciences</i> , 2021, 64, 1346-1362.	5.2	5
21	Massive carbon storage in convergent margins initiated by subduction of limestone. <i>Nature Communications</i> , 2021, 12, 4463.	12.8	21
22	Mesoarchean continental intraplate volcanism and sedimentation: The case of the Simlipal basin, Singhbhum Craton, eastern India. <i>Precambrian Research</i> , 2021, 361, 106245.	2.7	12
23	Reconstruction of primary alkaline magma composition from mineral archives: Decipher mantle metasomatism by carbonated sediment. <i>Chemical Geology</i> , 2021, 577, 120279.	3.3	5
24	The largest negative carbon isotope excursions in Neoproterozoic carbonates caused by recycled carbonatite volcanic ash. <i>Science Bulletin</i> , 2021, 66, 1925-1931.	9.0	15
25	Integrated biochemostratigraphy of the Permian-Triassic boundary beds in a shallow carbonate platform setting (Yangou, South China). <i>Global and Planetary Change</i> , 2021, 206, 103583.	3.5	5
26	A high-performance method for direct determination of ultra-trace REEs in geological samples by ICP-MS using a designed heating-condensing system. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 723-732.	3.0	5
27	Early Paleozoic Arc Magmatism and Accretionary Orogenesis in the Indochina Block, Southeast Asia. <i>Journal of Geology</i> , 2021, 129, 33-48.	1.4	7
28	Deciphering the origin of a basanite-alkali basalt-tholeiite suite using Zn isotopes. <i>Chemical Geology</i> , 2021, 585, 120585.	3.3	6
29	Tanz zircon megacrysts: a new zircon reference material for the microbeam determination of U ²³⁵ /Pb ages and Zr ⁹⁰ /O isotopes. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2715-2734.	3.0	25
30	Heterogeneous potassium isotopic composition of the upper continental crust. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 122-136.	3.9	72
31	Improved in-situ Determination of Sr Isotope Ratio in Silicate Samples Using LA-MC-ICP-MS and Its Wider Application for Fused Rock Powder. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 262-270.	3.2	5
32	An SPO-induced CPO in composite mantle xenoliths correlated with increasing melt-rock interaction. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 199-218.	3.9	17
33	How mafic was the Archean upper continental crust? Insights from Cu and Ag in ancient glacial diamictites. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 16-29.	3.9	35
34	Calcium isotopic compositions of oceanic crust at various spreading rates. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 272-288.	3.9	37
35	Lower Triassic carbonate $\delta^{238}\text{U}$ record demonstrates expanded oceanic anoxia during Smithian Thermal Maximum and improved ventilation during Smithian-Spathian boundary cooling event. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 539, 109393.	2.3	21
36	Oxidization of the mantle caused by sediment recycling may contribute to the formation of iron-rich mantle melts. <i>Science Bulletin</i> , 2020, 65, 519-521.	9.0	10

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37	A simple single-stage extraction method for Mo separation from geological samples for isotopic analysis by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 145-154.	3.0	12
38	Generation of continental intraplate alkali basalts and implications for deep carbon cycle. <i>Earth-Science Reviews</i> , 2020, 201, 103073.	9.1	30
39	Metasomatized lithospheric mantle for Mesozoic giant gold deposits in the North China craton. <i>Geology</i> , 2020, 48, 169-173.	4.4	85
40	Sulfide-bearing cumulates in deep continental arcs: The missing copper reservoir. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115971.	4.4	57
41	Calcium isotope compositions of mantle pyroxenites. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 144-159.	3.9	24
42	Reply to Comment from Zafar, Leng and Chen on "Sulfide-bearing cumulates in deep continental arcs: The missing copper reservoir" by Chen et al. (<i>Earth Planet. Sci. Lett.</i> 531 (2020) 115971). <i>Earth and Planetary Science Letters</i> , 2020, 551, 116592.	4.4	0
43	Recycling of granulitic lower crust into the mantle. <i>Lithos</i> , 2020, 378-379, 105812.	1.4	2
44	Mantle degassing related to changing redox and thermal conditions during the Precambrian supercontinent cycle. <i>Precambrian Research</i> , 2020, 350, 105895.	2.7	6
45	Multiple metasomatism of the lithospheric mantle beneath the northeastern North China Craton. <i>Lithos</i> , 2020, 374-375, 105719.	1.4	4
46	The zirconium stable isotope compositions of 22 geological reference materials, 4 zircons and 3 standard solutions. <i>Chemical Geology</i> , 2020, 555, 119791.	3.3	27
47	Non-Matrix-Matched Determination of Th-Pb Ages in Zircon, Monazite and Xenotime by Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 653-668.	3.1	15
48	Compositional and pressure controls on calcium and magnesium isotope fractionation in magmatic systems. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 290, 257-270.	3.9	22
49	Anomalous marine calcium cycle linked to carbonate factory change after the Smithian Thermal Maximum (Early Triassic). <i>Earth-Science Reviews</i> , 2020, 211, 103418.	9.1	13
50	Lithospheric modification by carbonatitic to alkaline melts and deep carbon cycle: Insights from peridotite xenoliths of eastern China. <i>Lithos</i> , 2020, 378-379, 105789.	1.4	0
51	Mechanism of Paleoproterozoic continental crust formation as archived in granitoids from the northern part of Singhbhum Craton, eastern India. <i>Geological Society Special Publication</i> , 2020, 489, 189-214.	1.3	13
52	A high performance method for the accurate and precise determination of silicon isotopic compositions in bulk silicate rock samples using laser ablation MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1887-1896.	3.0	8
53	Determination of the Isotopic Composition of an Enriched Hafnium Spike by MC-ICP-MS Using a Regression Model. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 753-762.	3.1	1
54	Melting of a hydrous peridotite mantle source under the Emeishan large igneous province. <i>Earth-Science Reviews</i> , 2020, 207, 103253.	9.1	19

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55	Direct and rapid multi-element analysis of wine samples in their natural liquid state by laser ablation ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1071-1079.	3.0	11
56	Archean, highly unradiogenic lead in shallow cratonic mantle. <i>Geology</i> , 2020, 48, 584-588.	4.4	3
57	Iso-Compass: new freeware software for isotopic data reduction of LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1087-1096.	3.0	132
58	Mesoproterozoic paleo-redox changes during 1500–1400 Ma in the Yanshan Basin, North China. <i>Precambrian Research</i> , 2020, 347, 105835.	2.7	12
59	Zinc isotopic composition of the lower continental crust estimated from lower crustal xenoliths and granulite terrains. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 276, 92-108.	3.9	12
60	High-precision stable zirconium isotope ratio measurements by double spike thermal ionization mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 736-745.	3.0	32
61	The effect of host magma infiltration on the Pb isotopic systematics of lower crustal xenolith: An in-situ study from Hannuoba, North China. <i>Lithos</i> , 2020, 366-367, 105556.	1.4	4
62	Rutile records for the cooling history of the Trans-North China orogen from assembly to break-up of the Columbia supercontinent. <i>Precambrian Research</i> , 2020, 346, 105763.	2.7	10
63	Comparative Determination of Mass Fractions of Elements with Variable Chalcophile Affinities in Geological Reference Materials with and without HF desilicification. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 501-521.	3.1	16
64	Lithium isotope compositions of the Yangtze River headwaters: Weathering in high-relief catchments. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 280, 46-65.	3.9	47
65	Platinum group element mobilization in the mantle enhanced by recycled sedimentary carbonate. <i>Earth and Planetary Science Letters</i> , 2020, 541, 116262.	4.4	15
66	Performance Evaluation of Atmospheric Pressure Glow Discharge-Optical Emission Spectrometry for the Determination of Sodium, Lithium, Calcium and Magnesium Using Membrane Desolvation. <i>Atomic Spectroscopy</i> , 2020, 41, 57-63.	1.2	9
67	An Effective Oxide Interference Correction on Sc and REE for Routine Analyses of Geological Samples by Inductively Coupled Plasma-Mass Spectrometry. <i>Journal of Earth Science (Wuhan, China)</i> , 2019, 30, 1302-1310.	3.2	12
68	Determination of Zr isotopic ratios in zircons using laser-ablation multiple-collector inductively coupled-plasma mass-spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1800-1809.	3.0	43
69	Deep carbon cycle in subduction zones. <i>Science China Earth Sciences</i> , 2019, 62, 1764-1782.	5.2	23
70	Determination of Gallium Isotopic Compositions in Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 701-714.	3.1	13
71	Building the core of a Paleoproterozoic continent: Evidence from granitoids of Singhbhum Craton, eastern India. <i>Precambrian Research</i> , 2019, 335, 105436.	2.7	34
72	Calcium isotope fractionation during magmatic processes in the upper mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 249, 121-137.	3.9	58

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73	The Role of Earth's Deep Volatile Cycling in the Generation of Intracontinental High-Mg Andesites: Implication for Lithospheric Thinning Beneath the North China Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 1305-1323.	3.4	16
74	Lithospheric transformation of the northern North China Craton by changing subduction style of the Paleo-Asian oceanic plate: Constraints from peridotite and pyroxenite xenoliths in the Yangyuan basalts. <i>Lithos</i> , 2019, 328-329, 58-68.	1.4	15
75	Determination of Cl, Br, and I in Geological Materials by Sector Field Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 8109-8114.	6.5	13
76	An improved in situ technique for the analysis of the Os isotope ratio in sulfides using laser ablation-multiple ion counter inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1546-1552.	3.0	4
77	U-Pb geochronology of wolframite by laser ablation inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1439-1446.	3.0	34
78	In situ calcium isotopic ratio determination in calcium carbonate materials and calcium phosphate materials using laser ablation-multiple collector-inductively coupled plasma mass spectrometry. <i>Chemical Geology</i> , 2019, 522, 16-25.	3.3	11
79	Accurate analysis of Li isotopes in tourmalines by LA-MC-ICP-MS under wet-conditions with non-matrix-matched calibration. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1145-1153.	3.0	22
80	Determination of major and trace elements in geological samples by laser ablation solution sampling-inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1126-1134.	3.0	16
81	Implication of Mesoproterozoic (~1.4 Ga) magmatism within microcontinents along the southern Central Asian Orogenic Belt. <i>Precambrian Research</i> , 2019, 327, 314-326.	2.7	38
82	Thermal-chemical conditions of the North China Mesozoic lithospheric mantle and implication for the lithospheric thinning of cratons. <i>Earth and Planetary Science Letters</i> , 2019, 516, 1-11.	4.4	42
83	Accurate Measurement of Lithium Isotopes in Eleven Carbonate Reference Materials by MC-ICP-MS with Soft Extraction Mode and 12 Ω Resistor High-Gain Faraday Amplifiers. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 277-289.	3.1	22
84	Early Crustal Evolution as Recorded in the Granitoids of the Singhbhum and Western Dharwar Cratons. , 2019, , 741-792.		25
85	High-precision Copper and Zinc Isotopic Measurements in Igneous Rock Standards Using Large-geometry MC-ICP-MS. <i>Atomic Spectroscopy</i> , 2019, 40, 206-214.	1.2	20
86	Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science Geosciences, 2019, 44, 1113.	0.5	3
87	Carbonate metasomatism in the lithospheric mantle: Implications for cratonic destruction in North China. <i>Science China Earth Sciences</i> , 2018, 61, 711-729.	5.2	49
88	A Rapid Acid Digestion Technique for the Simultaneous Determination of Bromine and Iodine in Fifty-Three Chinese Soils and Sediments by ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 309-318.	3.1	18
89	Determination of Sm-Nd Isotopic Compositions in Fifteen Geological Materials Using Laser Ablation MC-ICP-MS and Application to Monazite Geochronology of Metasedimentary Rock in the North China Craton. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 379-394.	3.1	16
90	Early Neoarchean A-type granitic magmatism by crustal reworking in Singhbhum craton: Evidence from Pala Lahara area, Orissa. <i>Journal of Earth System Science</i> , 2018, 127, 1.	1.3	29

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91	Improved in situ Sr isotopic analysis by a 257 nm femtosecond laser in combination with the addition of nitrogen for geological minerals. <i>Chemical Geology</i> , 2018, 479, 10-21.	3.3	70
92	Geochemical evidence for Paleozoic crustal growth and tectonic conversion in the Northern Beishan Orogenic Belt, southern Central Asian Orogenic Belt. <i>Lithos</i> , 2018, 302-303, 189-202.	1.4	30
93	Constant Cu/Ag in upper mantle and oceanic crust: Implications for the role of cumulates during the formation of continental crust. <i>Earth and Planetary Science Letters</i> , 2018, 493, 25-35.	4.4	24
94	Elemental fractionation and quantification of geological standard samples by nanosecond-laser ablation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 143, 55-62.	2.9	9
95	Development of sulfide reference materials for <i>in situ</i> platinum group elements and ²⁰⁶ Pb isotope analyses by LA-(MC)-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 2172-2183.	3.0	24
96	Subducted Mg-rich carbonates into the deep mantle wedge. <i>Earth and Planetary Science Letters</i> , 2018, 503, 118-130.	4.4	39
97	Step-like growth of the continental crust in South China: evidence from detrital zircons in Yangtze River sediments. <i>Lithos</i> , 2018, 320-321, 155-171.	1.4	10
98	Reassessment of the influence of carrier gases He and Ar on signal intensities in 193Ånm excimer LA-ICP-MS analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1655-1663.	3.0	31
99	Calcium isotope evidence for subduction-enriched lithospheric mantle under the northern North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 55-67.	3.9	39
100	Water Vapor-Assisted <i>Universal</i> Nonmatrix-Matched Analytical Method for the in Situ ²⁰⁶ Pb Dating of Zircon, Monazite, Titanite, and Xenotime by Laser Ablation-Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 9016-9024.	6.5	61
101	Radiogenic Pb reservoir contributes to the rare earth element (REE) enrichment in South Qinling carbonatites. <i>Chemical Geology</i> , 2018, 494, 80-95.	3.3	32
102	Magma Recharge and Reactive Bulk Assimilation in Enclave-Bearing Granitoids, Tonglu, South China. <i>Journal of Petrology</i> , 2018, 59, 795-824.	2.8	12
103	High-precision Ca isotopic measurement using a large geometry high resolution MC-ICP-MS with a dummy bucket. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1707-1719.	3.0	34
104	Olivine Oxygen Isotope Evidence for Intracontinental Recycling of Delaminated Continental Crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1913-1924.	2.5	13
105	Subduction of Indian continent beneath southern Tibet in the latest Eocene (~ 35 Ma): Insights from the Quguosha gabbros in southern Lhasa block. <i>Gondwana Research</i> , 2017, 41, 77-92.	6.0	49
106	A precise zircon Th-Pb age of carbonatite sills from the world's largest Bayan Obo deposit: Implications for timing and genesis of REE-Nb mineralization. <i>Precambrian Research</i> , 2017, 291, 202-219.	2.7	57
107	Low- ¹³ C carbonates in the Miocene basalt of the northern margin of the North China Craton: Implications for deep carbon recycling. <i>Journal of Asian Earth Sciences</i> , 2017, 144, 110-125.	2.3	7
108	Improved in situ Li isotopic ratio analysis of silicates by optimizing signal intensity, isotopic ratio stability and intensity matching using ns-LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 834-842.	3.0	19

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109	SiC-dominated ultra-reduced mineral assemblage in carbonatitic xenoliths from the Dalihu basalt, Inner Mongolia, China. <i>American Mineralogist</i> , 2017, 102, 312-320.	1.9	8
110	Re ¹⁸⁷ Os isotope evidence from Mesozoic and Cenozoic basalts for secular evolution of the mantle beneath the North China Craton. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	18
111	Calcium Isotopic Compositions of Sixteen USGS Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 93-106.	3.1	55
112	Generation and evolution of Palaeoarchean continental crust in the central part of the Singhbhum craton, eastern India. <i>Precambrian Research</i> , 2017, 298, 268-291.	2.7	106
113	The assembly of Rodinia: The correlation of early Neoproterozoic (ca. 900 Ma) high-grade metamorphism and continental arc formation in the southern Beishan Orogen, southern Central Asian Orogenic Belt (CAOB). <i>Precambrian Research</i> , 2017, 290, 32-48.	2.7	453
114	Crust recycling induced compositional-temporal-spatial variations of Cenozoic basalts in the Trans-North China Orogen. <i>Lithos</i> , 2017, 274-275, 383-396.	1.4	31
115	Deep carbon cycles constrained by a large-scale mantle Mg isotope anomaly in eastern China. <i>National Science Review</i> , 2017, 4, 111-120.	9.5	240
116	The 131 Sm -134 Sm Ma A-type granites from northern Zhejiang Province, South China: Implications for partial melting of the Neoproterozoic lower crust. <i>Lithos</i> , 2017, 294-295, 39-52.	1.4	15
117	Accurate determination of sulfur isotopes (³³ S and ³⁴ S) in sulfides and elemental sulfur by femtosecond laser ablation MC-ICP-MS with non-matrix matched calibration. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 2341-2351.	3.0	25
118	⁸⁷ Sr/ ⁸⁶ Sr evidence from the epeiric Martin Ridge Basin for enhanced carbonate weathering during the Hirnantian. <i>Scientific Reports</i> , 2017, 7, 11348.	3.3	8
119	Comparison of signal intensities and elemental fractionation in 257 nm femtosecond LA-ICP-MS using He and Ar as carrier gases. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 2217-2225.	3.0	12
120	Carbonated sediment recycling and its contribution to lithospheric refertilization under the northern North China Craton. <i>Chemical Geology</i> , 2017, 466, 641-653.	3.3	41
121	In-situ trace element and Sr isotopic compositions of mantle xenoliths constrain two-stage metasomatism beneath the northern North China Craton. <i>Lithos</i> , 2017, 288-289, 338-351.	1.4	31
122	Quantitative analysis of major and trace elements in NH ₄ HF ₂ -modified silicate rock powders by laser ablation - inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 983, 149-159.	5.4	12
123	Phosphorus zoning as a recorder of crystal growth kinetics: application to second-generation olivine in mantle xenoliths from the Cima Volcanic Field. <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	3.1	9
124	Pressure-dependent compatibility of iron in garnet: Insights into the origin of ferropicritic melt. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 197, 356-377.	3.9	28
125	Widespread Neoproterozoic (~ 2.7-2.6 Ga) magmatism of the Yangtze craton, South China, as revealed by modern river detrital zircons. <i>Gondwana Research</i> , 2017, 42, 1-12.	6.0	36
126	Trace element and ³⁴ S/ ³² S isotope records of multi-episode carbonatite metasomatism on the eastern margin of the North China Craton. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 220-237.	2.5	35

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127	Paleo-Asian Oceanic slab under the North China Craton revealed by carbonatites derived from subducted limestones: REPLY. <i>Geology</i> , 2017, 45, e414-e414.	4.4	0
128	Ablation Characteristic of Ilmenite using <sc>UV</sc> Nanosecond and Femtosecond Lasers: Implications for Nonâ€Matrixâ€Matched Quantification. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 477-491.	3.1	11
129	High precision measurements of gallium isotopic compositions in geological materials by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1673-1679.	3.0	21
130	In situ measurement of Os isotopic ratios in sulfides calibrated against ultra-fine particle standards using LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1414-1422.	3.0	13
131	Green and Fast Laser Fusion Technique for Bulk Silicate Rock Analysis by Laser Ablation-Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 10088-10094.	6.5	18
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