

# Yong-Sheng Liu

## List of Publications by Year in descending order

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274  
papers

26,432  
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13099

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156  
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274  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	In situ analysis of major and trace elements of anhydrous minerals by LA-ICP-MS without applying an internal standard. <i>Chemical Geology</i> , 2008, 257, 34-43.	3.3	3,342
2	Continental and Oceanic Crust Recycling-induced Melt-Peridotite Interactions in the Trans-North China Orogen: U-Pb Dating, Hf Isotopes and Trace Elements in Zircons from Mantle Xenoliths. <i>Journal of Petrology</i> , 2010, 51, 537-571.	2.8	2,939
3	Recycling lower continental crust in the North China craton. <i>Nature</i> , 2004, 432, 892-897.	27.8	1,523
4	Reappraisal and refinement of zircon U-Pb isotope and trace element analyses by LA-ICP-MS. <i>Science Bulletin</i> , 2010, 55, 1535-1546.	1.7	1,347
5	Improved in situ Hf isotope ratio analysis of zircon using newly designed X skimmer cone and jet sample cone in combination with the addition of nitrogen by laser ablation multiple collector ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1391.	3.0	857
6	Re <sup>187</sup> Os evidence for replacement of ancient mantle lithosphere beneath the North China craton. <i>Earth and Planetary Science Letters</i> , 2002, 198, 307-322.	4.4	802
7	Petrology and geochemistry of spinel peridotite xenoliths from Hannuoba and Qixia, North China craton. <i>Lithos</i> , 2004, 77, 609-637.	1.4	505
8	Geochemistry and magmatic history of eclogites and ultramafic rocks from the Chinese continental scientific drill hole: Subduction and ultrahigh-pressure metamorphism of lower crustal cumulates. <i>Chemical Geology</i> , 2008, 247, 133-153.	3.3	504
9	Signal enhancement in laser ablation ICP-MS by addition of nitrogen in the central channel gas. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 1093.	3.0	494
10	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
11	Wavelet Signal Smoothing and Mercury-Removing Device for Laser Ablation Quadrupole and Multiple Collector ICPMS Analysis: Application to Lead Isotope Analysis. <i>Analytical Chemistry</i> , 2015, 87, 1152-1157.	6.5	415
12	Recycling deep cratonic lithosphere and generation of intraplate magmatism in the North China Craton. <i>Earth and Planetary Science Letters</i> , 2008, 270, 41-53.	4.4	412
13	Geochemical investigation of Early Cretaceous igneous rocks along an east-west traverse throughout the central Lhasa Terrane, Tibet. <i>Chemical Geology</i> , 2009, 268, 298-312.	3.3	367
14	Cambrian bimodal volcanism in the Lhasa Terrane, southern Tibet: Record of an early Paleozoic Andean-type magmatic arc in the Australian proto-Tethyan margin. <i>Chemical Geology</i> , 2012, 328, 290-308.	3.3	288
15	Geochronology and Hf isotopes of zircon from volcanic rocks of the Shuangqiaoshan Group, South China: Implications for the Neoproterozoic tectonic evolution of the eastern Jiangnan orogen. <i>Gondwana Research</i> , 2008, 14, 355-367.	6.0	263
16	3.45 Ga granitic gneisses from the Yangtze Craton, South China: Implications for Early Archean crustal growth. <i>Precambrian Research</i> , 2014, 242, 82-95.	2.7	245
17	Zircon U-Pb age and trace element evidence for Paleoproterozoic granulite-facies metamorphism and Archean crustal rocks in the Dabie Orogen. <i>Lithos</i> , 2008, 101, 308-322.	1.4	240
18	Reactivation of the Archean lower crust: Implications for zircon geochronology, elemental and Sr-Nd-Hf isotopic geochemistry of late Mesozoic granitoids from northwestern Jiaodong Terrane, the North China Craton. <i>Lithos</i> , 2012, 146-147, 112-127.	1.4	240

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19	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
20	Calibration and correction of LA-ICP-MS and LA-MC-ICP-MS analyses for element contents and isotopic ratios. <i>Solid Earth Sciences</i> , 2016, 1, 5-27.	1.7	238
21	U–Pb zircon ages and Nd, Sr, and Pb isotopes of lower crustal xenoliths from North China Craton: insights on evolution of lower continental crust. <i>Chemical Geology</i> , 2004, 211, 87-109.	3.3	228
22	Crustal thickening prior to 38 Ma in southern Tibet: Evidence from lower crust-derived adakitic magmatism in the Gangdese Batholith. <i>Gondwana Research</i> , 2012, 21, 88-99.	6.0	225
23	Recycled crust controls contrasting source compositions of Mesozoic and Cenozoic basalts in the North China Craton. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2349-2376.	3.9	223
24	A wire signal smoothing device for laser ablation inductively coupled plasma mass spectrometry analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 78, 50-57.	2.9	205
25	Mesozoic crustal thickening of the eastern North China craton: Evidence from eclogite xenoliths and petrologic implications. <i>Geology</i> , 2006, 34, 721.	4.4	186
26	Geochemistry of lower crustal xenoliths from Neogene Hannuoba basalt, North China craton: implications for petrogenesis and lower crustal composition. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 2589-2604.	3.9	173
27	Geochemistry, zircon U–Pb age and Hf isotope compositions of Paleoproterozoic aluminous A-type granites from the Kongling terrain, Yangtze Block: Constraints on petrogenesis and geologic implications. <i>Gondwana Research</i> , 2012, 22, 140-151.	6.0	169
28	Derivation of Mesozoic adakitic magmas from ancient lower crust in the North China craton. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2591-2608.	3.9	163
29	2.6–2.7 Ga crustal growth in Yangtze craton, South China. <i>Precambrian Research</i> , 2013, 224, 472-490.	2.7	162
30	Melt–peridotite interactions: Links between garnet pyroxenite and high-Mg# signature of continental crust. <i>Earth and Planetary Science Letters</i> , 2005, 234, 39-57.	4.4	160
31	Laser ablation ICP-MS titanite Th–Pb dating of hydrothermal ore deposits: A case study of the Tonglushan Cu–Fe–Au skarn deposit, SE Hubei Province, China. <i>Chemical Geology</i> , 2010, 270, 56-67.	3.3	160
32	Zircon U–Pb age, trace element and Hf isotope composition of Kongling terrane in the Yangtze Craton: refining the timing of Palaeoproterozoic high-grade metamorphism. <i>Journal of Metamorphic Geology</i> , 2009, 27, 461-477.	3.4	158
33	Major and Trace Element Characteristics of Apatites in Granitoids from Central Kazakhstan: Implications for Petrogenesis and Mineralization. <i>Resource Geology</i> , 2012, 62, 63-83.	0.8	155
34	Age and nature of eclogites in the Huwan shear zone, and the multi-stage evolution of the Qinling-Dabie-Sulu orogen, central China. <i>Earth and Planetary Science Letters</i> , 2009, 277, 345-354.	4.4	146
35	Fluids in deeply subducted continental crust: Petrology, mineral chemistry and fluid inclusion of UHP metamorphic veins from the Sulu orogen, eastern China. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 3200-3228.	3.9	145
36	Accurate determinations of fifty-four major and trace elements in carbonate by LA–ICP-MS using normalization strategy of bulk components as 100%. <i>Chemical Geology</i> , 2011, 284, 283-295.	3.3	138

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37	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
38	Volatile organic solvent-induced signal enhancements in inductively coupled plasma-mass spectrometry: a case study of methanol and acetone. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2004, 59, 1463-1470.	2.9	131
39	Delamination and destruction of the North China Craton. <i>Science Bulletin</i> , 2009, 54, 3367-3378.	9.0	126
40	In situ sulfur isotopes ( $\delta^{34}\text{S}$ and $\delta^{33}\text{S}$ ) analyses in sulfides and elemental sulfur using high sensitivity cones combined with the addition of nitrogen by laser ablation MC-ICP-MS. <i>Analytica Chimica Acta</i> , 2016, 911, 14-26.	5.4	126
41	Episodic Paleoproterozoic (3.3–2.0 Ga) granitoid magmatism in Yangtze Craton, South China: Implications for late Archean tectonics. <i>Precambrian Research</i> , 2015, 270, 246-266.	2.7	125
42	Contrasting matrix induced elemental fractionation in NIST SRM and rock glasses during laser ablation ICP-MS analysis at high spatial resolution. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 425-430.	3.0	123
43	Evolution of the lithospheric mantle beneath the southeastern North China Craton: Constraints from mafic dikes in the Jiaobei terrain. <i>Gondwana Research</i> , 2013, 24, 601-621.	6.0	118
44	The generation and evolution of Archean continental crust in the Dunhuang block, northeastern Tarim craton, northwestern China. <i>Precambrian Research</i> , 2013, 235, 251-263.	2.7	117
45	Zircon U–Pb and trace element data from rocks of the Huaiyan Complex: New insights into the late Paleoproterozoic collision between the Eastern and Western Blocks of the North China Craton. <i>Precambrian Research</i> , 2010, 178, 59-71.	2.7	112
46	A local aerosol extraction strategy for the determination of the aerosol composition in laser ablation inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 1192.	3.0	111
47	Petrogenesis and tectonic implications of Neoproterozoic, highly fractionated A-type granites from Mianning, South China. <i>Precambrian Research</i> , 2008, 165, 190-204.	2.7	108
48	Rare-earth element patterns in conodont albid crowns: Evidence for massive inputs of volcanic ash during the latest Permian biocrisis?. <i>Global and Planetary Change</i> , 2013, 105, 135-151.	3.5	107
49	Generation and evolution of Palaeoproterozoic continental crust in the central part of the Singhbhum craton, eastern India. <i>Precambrian Research</i> , 2017, 298, 268-291.	2.7	106
50	U–Pb zircon age and geochemical constraints on tectonic evolution of the Paleozoic accretionary orogenic system in the Tongbai orogen, central China. <i>Tectonophysics</i> , 2013, 599, 67-88.	2.2	104
51	Linking continental deep subduction with destruction of a cratonic margin: strongly reworked North China SCLM intruded in the Triassic Sulu UHP belt. <i>Contributions To Mineralogy and Petrology</i> , 2014, 168, 1.	3.1	103
52	Accurate Determination of Sr Isotopic Compositions in Clinopyroxene and Silicate Glasses by LA-MC-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 85-99.	3.1	100
53	Lithium isotopic composition and concentration of the deep continental crust. <i>Chemical Geology</i> , 2008, 255, 47-59.	3.3	98
54	Timing of UHP metamorphism in the Hongyan area, western Dabie Mountains, China: evidence from zircon U–Pb age, trace element and Hf isotope composition. <i>Contributions To Mineralogy and Petrology</i> , 2007, 155, 123-133.	3.1	95

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55	Origin of a Mesozoic granite with A-type characteristics from the North China craton: highly fractionated from I-type magmas?. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 113-130.	3.1	86
56	Melting-induced fluid flow during exhumation of gneisses of the Sulu ultrahigh-pressure terrane. <i>Lithos</i> , 2010, 120, 490-510.	1.4	85
57	Metasomatized lithospheric mantle for Mesozoic giant gold deposits in the North China craton. <i>Geology</i> , 2020, 48, 169-173.	4.4	85
58	In situ U-Pb dating and trace element analysis of zircons in thin sections of eclogite: Refining constraints on the ultra high-pressure metamorphism of the Sulu terrane, China. <i>Chemical Geology</i> , 2010, 269, 237-251.	3.3	84
59	Crustal Melting and Flow beneath Northern Tibet: Evidence from Mid-Miocene to Quaternary Strongly Peraluminous Rhyolites in the Southern Kunlun Range. <i>Journal of Petrology</i> , 2012, 53, 2523-2566.	2.8	83
60	Applications of LA-ICP-MS in the elemental analyses of geological samples. <i>Science Bulletin</i> , 2013, 58, 3863-3878.	1.7	81
61	Accuracy of LA-ICPMS zircon U-Pb age determination: An inter-laboratory comparison. <i>Science China Earth Sciences</i> , 2015, 58, 1722-1730.	5.2	80
62	Triassic high-Mg adakitic andesites from Linxi, Inner Mongolia: Insights into the fate of the Paleo-Asian ocean crust and fossil slab-derived melt-peridotite interaction. <i>Chemical Geology</i> , 2012, 328, 89-108.	3.3	79
63	Collision-related genesis of the Sharang porphyry molybdenum deposit, Tibet: Evidence from zircon U-Pb ages, Re-Os ages and Lu-Hf isotopes. <i>Ore Geology Reviews</i> , 2014, 56, 312-326.	2.7	79
64	U-Pb age, trace-element, and Hf-isotope compositions of zircon in a quartz vein from eclogite in the western Dabie Mountains: Constraints on fluid flow during early exhumation of ultrahigh-pressure rocks. <i>American Mineralogist</i> , 2009, 94, 303-312.	1.9	78
65	Early Palaeozoic high-pressure granulites from the Dunhuang block, northeastern Tarim Craton: constraints on continental collision in the southern Central Asian Orogenic Belt. <i>Journal of Metamorphic Geology</i> , 2012, 30, 753-768.	3.4	78
66	Remelting of Neoproterozoic relict volcanic arcs in the Middle Jurassic: Implication for the formation of the Dexing porphyry copper deposit, Southeastern China. <i>Lithos</i> , 2012, 150, 85-100.	1.4	78
67	Total Rock Dissolution Using Ammonium Bifluoride (NH <sub>4</sub> HF <sub>2</sub> ) in Screw-Top Teflon Vials: A New Development in Open-Vessel Digestion. <i>Analytical Chemistry</i> , 2012, 84, 10686-10693.	6.5	77
68	Heterogeneous potassium isotopic composition of the upper continental crust. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 122-136.	3.9	72
69	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
70	In situ Nd isotope analyses in geological materials with signal enhancement and non-linear mass dependent fractionation reduction using laser ablation MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 232-244.	3.0	69
71	Early Jurassic high-K calc-alkaline and shoshonitic rocks from the Tongshi intrusive complex, eastern North China Craton: Implication for crust-mantle interaction and post-collisional magmatism. <i>Lithos</i> , 2012, 140-141, 183-199.	1.4	67
72	Paleo-Asian oceanic slab under the North China craton revealed by carbonatites derived from subducted limestones. <i>Geology</i> , 2016, 44, 1039-1042.	4.4	67

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73	Multiple crust-mantle interactions for the destruction of the North China Craton: Geochemical and Sr-Nd-Pb-Hf isotopic evidence from the Longbaoshan alkaline complex. <i>Lithos</i> , 2011, 122, 87-106.	1.4	64
74	Geochemical and geochronological evidence for a former early Neoproterozoic microcontinent in the South Beishan Orogenic Belt, southernmost Central Asian Orogenic Belt. <i>Precambrian Research</i> , 2015, 266, 409-424.	2.7	64
75	Accurate determination of lithium isotope ratios by MC-ICP-MS without strict matrix-matching by using a novel washing method. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 390-397.	3.0	63
76	In-situ trace elements and Li and Sr isotopes in peridotite xenoliths from Kuandian, North China Craton: Insights into Pacific slab subduction-related mantle modification. <i>Chemical Geology</i> , 2013, 354, 107-123.	3.3	62
77	Water Vapor-Assisted "Universal" Nonmatrix-Matched Analytical Method for the in Situ U-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
78	Origin and evolution of granitoids associated with the Kadiri greenstone belt, eastern Dharwar craton: A history of orogenic to anorogenic magmatism. <i>Precambrian Research</i> , 2014, 246, 64-90.	2.7	60
79	Refertilization-driven destabilization of subcontinental mantle and the importance of initial lithospheric thickness for the fate of continents. <i>Earth and Planetary Science Letters</i> , 2015, 409, 225-231.	4.4	58
80	Calcium isotope fractionation during magmatic processes in the upper mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 249, 121-137.	3.9	58
81	First direct evidence of sedimentary carbonate recycling in subduction-related xenoliths. <i>Scientific Reports</i> , 2015, 5, 11547.	3.3	57
82	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
83	Sulfide-bearing cumulates in deep continental arcs: The missing copper reservoir. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115971.	4.4	57
84	Preliminary Characterisation of New Reference Materials for Microanalysis: Chinese Geological Standard Glasses CGSG-1, CGSG-2, CGSG-4 and CGSG-5. <i>Geostandards and Geoanalytical Research</i> , 2011, 35, 235-251.	3.1	55
85	Calcium Isotopic Compositions of Sixteen USGS Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 93-106.	3.1	55
86	Mesozoic-Cenozoic mantle evolution beneath the North China Craton: A new perspective from Hf-Nd isotopes of basalts. <i>Gondwana Research</i> , 2015, 27, 1574-1585.	6.0	54
87	An evolving magma chamber within extending lithosphere: An integrated geochemical, isotopic and zircon U-Pb geochronological study of the Gushan granite, eastern North China Craton. <i>Journal of Asian Earth Sciences</i> , 2012, 50, 27-43.	2.3	52
88	Late Cretaceous magmatism in Mamba area, central Lhasa subterrane: Products of back-arc extension of Neo-Tethyan Ocean?. <i>Gondwana Research</i> , 2014, 26, 505-520.	6.0	51
89	Thermal-tectonic history of the Baogutu porphyry Cu deposit, West Junggar as constrained from zircon U-Pb, biotite Ar/Ar and zircon/apatite (U-Th)/He dating. <i>Journal of Asian Earth Sciences</i> , 2014, 79, 741-758.	2.3	50
90	Re-Os evidence for the age and origin of peridotites from the Dabie-Sulu ultrahigh pressure metamorphic belt, China. <i>Chemical Geology</i> , 2007, 236, 323-338.	3.3	49

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91	Overlapping Sr <sup>87</sup> /Nd <sup>143</sup> and Hf <sup>177</sup> /O isotopic compositions in Permian mafic enclaves and host granitoids in Alxa Block, NW China: Evidence for crust-mantle interaction and implications for the generation of silicic igneous provinces. <i>Lithos</i> , 2015, 230, 133-145.	1.4	49
92	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
93	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
94	Measured and calculated seismic velocities and densities for granulites from xenolith occurrences and adjacent exposed lower crustal sections: A comparative study from the North China craton. <i>Journal of Geophysical Research</i> , 2000, 105, 18965-18976.	3.3	48
95	Direct lead isotope analysis in Hg-rich sulfides by LA-MC-ICP-MS with a gas exchange device and matrix-matched calibration. <i>Analytica Chimica Acta</i> , 2016, 948, 9-18.	5.4	48
96	U <sup>238</sup> -Pb zircon chronology, geochemistry and isotopes of the Changyi banded iron formation in the eastern Shandong Province: Constraints on BIF genesis and implications for Paleoproterozoic tectonic evolution of the North China Craton. <i>Ore Geology Reviews</i> , 2014, 56, 472-486.	2.7	47
97	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
98	Suppression of interferences for direct determination of arsenic in geological samples by inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 1263.	3.0	46
99	NH <sub>4</sub> F assisted high pressure digestion of geological samples for multi-element analysis by ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 408.	3.0	44
100	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
101	Magnesium isotopic composition of the deep continental crust. <i>American Mineralogist</i> , 2016, 101, 243-252.	1.9	42
102	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
103	Reassessment of HF/HNO <sub>3</sub> Decomposition Capability in the High-Pressure Digestion of Felsic Rocks for Multi-Element Determination by ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2012, 36, 271-289.	3.1	41
104	Rapid bulk rock decomposition by ammonium fluoride (NH <sub>4</sub> F) in open vessels at an elevated digestion temperature. <i>Chemical Geology</i> , 2013, 355, 144-152.	3.3	41
105	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
106	Pyroxenite and peridotite xenoliths from Hexigten, Inner Mongolia: Insights into the Paleo-Asian Ocean subduction-related melt/fluid-peridotite interaction. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 140, 435-454.	3.9	40
107	Magma source and tectonics of the Xiangshanzhong mafic-ultramafic intrusion in the Central Asian Orogenic Belt, NW China, traced from geochemical and isotopic signatures. <i>Lithos</i> , 2013, 170-171, 144-163.	1.4	39
108	Determination of boron isotope compositions of geological materials by laser ablation MC-ICP-MS using newly designed high sensitivity skimmer and sample cones. <i>Chemical Geology</i> , 2014, 386, 22-30.	3.3	39

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109	Subducted Mg-rich carbonates into the deep mantle wedge. <i>Earth and Planetary Science Letters</i> , 2018, 503, 118-130.	4.4	39
110	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
111	Geochemistry and Sr <sup>87</sup> /Nd <sup>143</sup> , Pb <sup>206</sup> /Hf isotopes of the Mesozoic Dadian alkaline intrusive complex in the Sulu orogenic belt, eastern China: Implications for crust-mantle interaction. <i>Chemical Geology</i> , 2011, 285, 97-114.	3.3	38
112	In-situ U-Pb dating of uraninite by fs-LA-ICP-MS. <i>Science China Earth Sciences</i> , 2015, 58, 1731-1740.	5.2	38
113	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
114	Bulk compositions of the Chang-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
115	Calcium isotopic compositions of oceanic crust at various spreading rates. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 278, 272-288.	3.9	37
116	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
117	Trace element and 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
118	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
119	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
120	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
121	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
122	U-Pb geochronology and geochemistry of the bedrocks and moraine sediments from the Windmill Islands: Implications for Proterozoic evolution of East Antarctica. <i>Precambrian Research</i> , 2012, 206-207, 52-71.	2.7	33
123	Volume-optional and low-memory (VOLM) chamber for laser ablation-ICP-MS: application to fiber analyses. <i>Journal of Analytical Atomic Spectrometry</i> , 2007, 22, 582.	3.0	32
124	Results for Rarely Determined Elements in MPI-DING, USGS and NIST SRM Glasses Using Laser Ablation ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2009, 33, 319-335.	3.1	32
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