Yue-Heng Yang

List of Publications by Year
in descending order

118 papers	9,208 citations	71102 41 h-index	39675 94 g-index
119 all docs	119 docs citations	119 times ranked	3658 citing authors

#	Article	IF	Citations
1	Natural Allanite Reference Materials forIn SituUâ€Thâ€Pb and Smâ€Nd Isotopic Measurements by LAâ€(MC)â€ICPâ€MS. Geostandards and Geoanalytical Research, 2022, 46, 169-203.	3.1	9
2	Evaluation of plasma condition, concentration effect, position effect, and nickel-doping method on non-matrix-matched Fe isotopic analysis by femtosecond laser ablation multi-collector inductively coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2022, 189, 106374.	2.9	11
3	In situ Uâ€“Pb geochronology of vesuvianite by LA-SF-ICP-MS. Journal of Analytical Atomic Spectrometry, 2022, 37, 69-81.	3.0	7
4	U-Pb isotopic dating of cassiterite: Development of reference materials and in situ applications by LA-SF-ICP-MS. Chemical Geology, 2022, 593, 120754.	3.3	16
5	Martian hydrothermal fluids recorded in the Sm-Nd isotopic systematics of apatite in regolith breccia meteorites. Earth and Planetary Science Letters, 2022, 581, 117413.	4.4	0
6	Geochronological and geochemical constraints on the origin of highly ¹³C_{carb}-depleted calcite in basal Ediacaran cap carbonate. Geological Magazine, 2022, 159, 1323-1334.	1.5	14
7	In situ calcite Uâ€'Pb geochronology by high-sensitivity single-collector LA-SF-ICP-MS. Science China Earth Sciences, 2022, 65, 1146-1160.	5.2	15
8	A natural plagioclase reference material for microbeam Sr isotopic analysis. Journal of Analytical Atomic Spectrometry, 2022, 37, 1706-1714.	3.0	8
9	Analytical feasibility of a new reference material (IRMM-524A Fe metal) for the in situ Fe isotopic analysis of pyrite and ilmenite without matrix effects by femtosecond LA-MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2022, 37, 1835-1845.	3.0	8
10	Three Natural Andesitic to Rhyolitic Glasses (OJYâ€1, OHâ€1, OAâ€1) as Reference Materials for In Situ Microanalysis. Geostandards and Geoanalytical Research, 2022, 46, 673-700.	3.1	9
11	In-run measuring 177Hf16O/177Hf as a routine technique for in-situ Hf isotopic compositions analysis in zirconium-bearing minerals by laser ablation MC-ICP-MS. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2022, 194, 106486.	2.9	1
12	Methodology for in situ wolframite U-Pb dating and its application. Science China Earth Sciences, 2021, 64, 187-190.	5.2	12
13	Precise and accurate Luâ€“Hf isotope analysis of columbite-group minerals by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2021, 36, 1643-1656.	3.0	3
14	Characterization of the potential reference material SA02 for micro-beam Uâ€“Pb geochronology and Hfâ€“O isotopic composition analysis of zircon. Journal of Analytical Atomic Spectrometry, 2021, 36, 368-374.	3.0	12
15	Apatite geochemical and Sr Nd isotopic insights into granitoid petrogenesis. Chemical Geology, 2021, 566, 120104.	3.3	29
16	The effect of fluid-aided modification on the Sm-Nd and Th-Pb geochronology of monazite and bastnÃsite: Implication for resolving complex isotopic age data in REE ore systems. Geochimica Et Cosmochimica Acta, 2021, 300, 1-24.	3.9	42
17	Precise U Pb dating of grandite garnets by LA-ICP-MS: Assessing ablation behaviors under matrix-matched and non-matrix-matched conditions and applications to various skarn deposits. Chemical Geology, 2021, 572, 120198.	3.3	9
18	Isotopic Compositions (Liâ€Bâ€Siâ€Oâ€Mgâ€Srâ€Ndâ€Hfâ€Pb) and Fe²⁺/ÎŁFe Ratios of Three Synthetic Andesite Glass Reference Materials (ARMâ€1, ARMâ€2, ARMâ€3). Geostandards and Geoanalytical Research, 2021, 45, 719-745.	3.1	32

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19	Apatite Uâ€Pb Dating with Common Pb Correction Using LAâ€ICPâ€MS/MS. Geostandards and Geoanalytical Research, 2021, 45, 621-642.	3.1	10
20	Crustal Derivation of theca. 475ÂMa Eppawala Carbonatites in Sri Lanka. Journal of Petrology, 2021, 62, .	2.8	8
21	UNRAVELING MINERALIZATION AND MULTISTAGE HYDROTHERMAL OVERPRINTING HISTORIES BY INTEGRATED IN SITU U-Pb AND Sm-Nd ISOTOPES IN A PALEOPROTEROZOIC BRECCIA-HOSTED IOCG DEPOSIT, SW CHINA. Economic Geology, 2021, 116, 1687-1710.	3.8	16
22	Further characterization of SA01 and SA02 zircon reference materials for Si and Zr isotopic compositions via femtosecond laser ablation MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2021, 36, 2192-2201.	3.0	14
23	Non-KREEP origin for Changâ€™e-5 basalts in the Procellarum KREEP Terrane. Nature, 2021, 600, 59-63.	27.8	124
24	Allanite Uâ€“Thâ€“Pb geochronology by ion microprobe. Journal of Analytical Atomic Spectrometry, 2020, 35, 489-497.	3.0	8
25	In situ sequential Uâ€“Pb age and Smâ€“Nd systematics measurements of natural LREE-enriched minerals using single laser ablation multi-collector inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2020, 35, 510-517.	3.0	2
26	SA01 â€“ A Proposed Zircon Reference Material for Microbeam Uâ€Pb Age and Hfâ€O Isotopic Determination. Geostandards and Geoanalytical Research, 2020, 44, 103-123.	3.1	69
27	Improved in situ zircon Uâ€“Pb dating at high spatial resolution (5â€“16ÂÎ¼m) by laser ablationâ€“single collectorâ€–sector fieldâ€–ICPâ€–MS using Jet sample and X skimmer cones. International Journal of Mass Spectrometry, 2020, 456, 116394.	1.5	33
28	Natural Clinopyroxene Reference Materials for in situ Sr Isotopic Analysis via LA-MC-ICP-MS. Frontiers in Chemistry, 2020, 8, 594316.	3.6	12
29	Accurate and precise in situ Uâ€“Pb isotope dating of wolframite series minerals via LA-SF-ICP-MS. Journal of Analytical Atomic Spectrometry, 2020, 35, 2191-2203.	3.0	37
30	KV01 zirconâ€”A potential New Archean reference material for microbeam U-Pb age and Hf-O isotope determinations. Science China Earth Sciences, 2020, 63, 1780-1790.	5.2	12
31	A Chromatographic Method for Separation of Tungsten (W) from Silicate Samples for High-Precision Isotope Analysis Using Negative Thermal Ionization Mass Spectrometry. Analytical Chemistry, 2020, 92, 11987-11993.	6.5	5
32	Highâ€Precision Srâ€Ndâ€Hfâ€Pb Isotopic Composition of Chinese Geological Standard Glass Reference Materials CGSGâ€1, CGSGâ€2, CGSGâ€4 and CGSGâ€5 by MCâ€ICPâ€MS and TIMS. Geostandards and Geoanalytical Research, 2020, 44, 567-579.	3.1	9
33	Precise and Accurate Determination of Lu and Hf Contents, and Hf Isotopic Compositions in Chinese Rock Reference Materials by MCâ€ICPâ€MS. Geostandards and Geoanalytical Research, 2020, 44, 553-565.	3.1	6
34	Characteristic Performance of Guard Electrode in LAâ€“SFâ€“ICPâ€“ MS for Multi-Element Quantification. Atomic Spectroscopy, 2020, 41, 154-161.	1.2	5
35	Timing and genesis of Cuâ€“(Au) mineralization in the Khetri Copper Belt, northwestern India: constraints from in situ Uâ€“Pb ages and Smâ€“Nd isotopes of monazite-(Ce). Mineralium Deposita, 2019, 54, 553-568.	4.1	23
36	The formation of the <scp>C</scp>aosiyao giant porphyry <scp>M</scp>o deposit on the northern margin of the <scp>N</scp>orth <scp>C</scp>hina <scp>C</scp>raton: Constraints from <scp>U</scp>â€•<scp>P</scp>b and <scp>R</scp>eâ€•<scp>O</scp>s geochronology, wholeâ€rock geochemistry, <scp>H</scp>f isotopes, and oxygen fugacity of the magma. Geological Journal, 2019, 54, 2160-2184.	1.3	4

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37	Separation of Nd from geological samples by a single TODGA resin column for high precision Nd isotope analysis as NdO⁺ by TIMS. Journal of Analytical Atomic Spectrometry, 2019, 34, 2053-2060.	3.0	23
38	Sequential Recovery of Heavy and Noble Metals by Mussel-Inspired Polydopamine-Polyethyleneimine Conjugated Polyurethane Composite Bearing Dithiocarbamate Moieties. Polymers, 2019, 11, 1125.	4.5	18
39	Further Characterization of the RW-1 Monazite: A New Working Reference Material for Oxygen and Neodymium Isotopic Microanalysis. Minerals (Basel, Switzerland), 2019, 9, 583.	2.0	22
40	In Situ Uâ€Thâ€Pb Dating and Srâ€Nd Isotope Analysis of BastnÃsite by LAâ€(MC)â€ICPâ€MS. Geostandards and Geoanalytical Research, 2019, 43, 543-565.	3.1	32
41	Scheelite geochemistry in porphyry-skarn W-Mo systems: A case study from the Gaojiabang Deposit, East China. Ore Geology Reviews, 2019, 113, 103084.	2.7	25
42	Accurate and precise determination of Lu and Hf contents and Hf isotopic composition at the sub-nanogram level in geological samples using MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2019, 34, 1256-1262.	3.0	16
43	Tracing magma mixing and crystalâ€“melt segregation in the genesis of syenite with mafic enclaves: Evidence from in situ zircon Hfâ€“O and apatite Srâ€“Nd isotopes. Lithos, 2019, 334-335, 42-57.	1.4	20
44	Natural Titanite Reference Materials for In Situ Uâ€Pb and Smâ€Nd Isotopic Measurements by <scp>LA</scp>â€(<scp>MC</scp>)â€<scp>ICP</scp>â€<scp>MS</scp>. Geostandards and Geoanalytical Research, 2019, 43, 355-384.	3.1	36
45	Further Characterization of the BB Zircon via SIMS and MC-ICP-MS for Li, O, and Hf Isotopic Compositions. Minerals (Basel, Switzerland), 2019, 9, 774.	2.0	1
46	Determination of Smâ€Nd Isotopic Compositions in Fifteen Geological Materials Using Laser Ablation MCâ€ICPâ€MS and Application to Monazite Geochronology of Metasedimentary Rock in the North China Craton. Geostandards and Geoanalytical Research, 2018, 42, 379-394.	3.1	16
47	An improved extraction chromatographic purification of tungsten from a silicate matrix for high precision isotopic measurements using MC-ICPMS. Journal of Analytical Atomic Spectrometry, 2018, 33, 569-577.	3.0	21
48	Uâ€“Pb age determination of schorlomite garnet by laser ablation inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2018, 33, 231-239.	3.0	44
49	Zircon Uâ€“Pb ages and Hf isotope of the granitoids from the Xingwen porphyry molybdenum deposit in the Xiaoxing'an Range â€“ Zhangguangcai Range metallogenic belt, NE China. Geological Journal, 2018, 53, 304-315.	1.3	7
50	Genesis of the worldâ€™s largest rare earth element deposit, Bayan Obo, China: Protracted mineralization evolution over â^¼1 b.y.. Geology, 2018, 46, 323-326.	4.4	82
51	Iolite Based Bulk Normalization as 100% (m/m) Quantification Strategy for Reduction of Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry Transient Signal. Chinese Journal of Analytical Chemistry, 2018, 46, 1628-1636.	1.7	15
52	Disturbance of the Sm-Nd isotopic system by metasomatic alteration: A case study of fluorapatite from the Sin Quyen Cu-LREE-Au deposit, Vietnam. American Mineralogist, 2018, 103, 1487-1496.	1.9	22
53	<scp>GZ</scp>7 and <scp>GZ</scp>8 â€“ Two Zircon Reference Materials for <scp>SIMS</scp> Uâ€Pb Geochronology. Geostandards and Geoanalytical Research, 2018, 42, 431-457.	3.1	32
54	A novel sample cell for reducing the â€œPosition Effectâ€•in laser ablation MC-ICP-MS isotopic measurements. Journal of Analytical Atomic Spectrometry, 2018, 33, 1571-1578.	3.0	16

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55	Cold deep subduction recorded by remnants of a Paleoproterozoic carbonated slab. Nature Communications, 2018, 9, 2790.	12.8	75
56	Uâ€“Thâ€“Pb geochronology and simultaneous analysis of multiple isotope systems in geological samples by LA-MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2018, 33, 1600-1615.	3.0	13
57	Emplacement age and isotopic composition of the Prairie Lake carbonatite complex, Northwestern Ontario, Canada. Geological Magazine, 2017, 154, 217-236.	1.5	21
58	Origin of heavy rare earth mineralization in South China. Nature Communications, 2017, 8, 14598.	12.8	72
59	High spatial resolution in situ Uâ€“Pb dating using laser ablation multiple ion counting inductively coupled plasma mass spectrometry (LA-MIC-ICP-MS). Journal of Analytical Atomic Spectrometry, 2017, 32, 975-986.	3.0	24
60	Unusual replacement of Fe-Ti oxides by rutile during retrogression in amphibolite-hosted veins (Dabie) Tj ETQq0 0 0 rgBT /Overlock 10 Tf American Mineralogist, 2017, 102, 2268-2283.	1.9	29
61	In situ Uâ€“Thâ€“Pb ages of the Miaoya carbonatite complex in the South Qinling orogenic belt, central China. Lithos, 2017, 290-291, 159-171.	1.4	54
62	Zircon M127 â€“ A Homogeneous Reference Material for <scp>SIMS</scp> Uâ€“Pb Geochronology Combined with Hafnium, Oxygen and, Potentially, Lithium Isotope Analysis. Geostandards and Geoanalytical Research, 2016, 40, 457-475.	3.1	49
63	Titanite-scale insights into multi-stage magma mixing in Early Cretaceous of NW Jiaodong terrane, North China Craton. Lithos, 2016, 258-259, 197-214.	1.4	61
64	Grain-scale Sr isotope heterogeneity in amphibolite (retrograded UHP eclogite, Dabie terrane): Implications for the origin and flow behavior of retrograde fluids during slab exhumation. Lithos, 2016, 266-267, 383-405.	1.4	13
65	Calibration and correction of LA-ICP-MS and LA-MC-ICP-MS analyses for element contents and isotopic ratios. Solid Earth Sciences, 2016, 1, 5-27.	1.7	238
66	A rapid single column separation scheme for high-precision Srâ€“Ndâ€“Pb isotopic analysis in geological samples using thermal ionization mass spectrometry. Analytical Methods, 2015, 7, 4793-4802.	2.7	98
67	In situ simultaneous measurement of Rbâ€“Sr/Smâ€“Nd or Smâ€“Nd/Luâ€“Hf isotopes in natural minerals using laser ablation multi-collector ICP-MS. Journal of Analytical Atomic Spectrometry, 2015, 30, 994-1000.	3.0	19
68	Formation of multiple high-pressure veins in ultrahigh-pressure eclogite (Hualiangting, Dabie terrane,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2015, 417, 238-260.	3.3	33
69	In situ determination of hafnium isotopes from rutile using LA-MC-ICP-MS. Science China Earth Sciences, 2015, 58, 2134-2144.	5.2	11
70	Triassic magmatism and Mo mineralization in Northeast China: geochronological and isotopic constraints from the Laojiagou porphyry Mo deposit. International Geology Review, 2015, 57, 55-75.	2.1	24
71	A Comprehensive Method for Precise Determination of Re, Os, Ir, Ru, Pt, Pd Concentrations and Os Isotopic Compositions in Geological Samples. Geostandards and Geoanalytical Research, 2015, 39, 151-169.	3.1	50
72	Magmatic process recorded in plagioclase at the Baogutu reduced porphyry Cu deposit, western Junggar, NW-China. Journal of Asian Earth Sciences, 2014, 82, 136-150.	2.3	50

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73	In situ Sr isotopic analyses of epidote: tracing the sources of multi-stage fluids in ultrahigh-pressure eclogite (Ganghe, Dabie terrane). Contributions To Mineralogy and Petrology, 2014, 167, 1.	3.1	24
74	Precise Determination of Sm and Nd Concentrations and Nd Isotopic Compositions in Highly Depleted Ultramafic Reference Materials. Geostandards and Geoanalytical Research, 2014, 38, 61-72.	3.1	21
75	Single-step separation scheme and high-precision isotopic ratios analysis of Srâ€“Ndâ€“Hf in silicate materials. Journal of Analytical Atomic Spectrometry, 2014, 29, 1467-1476.	3.0	35
76	Sr and Nd isotopic compositions of apatite reference materials used in Uâ€“Thâ€“Pb geochronology. Chemical Geology, 2014, 385, 35-55.	3.3	234
77	In situ Uâ€“Pb dating of bastnaesite by LA-ICP-MS. Journal of Analytical Atomic Spectrometry, 2014, 29, 1017-1023.	3.0	41
78	Re-evaluation of interferences of doubly charged ions of heavy rare earth elements on Sr isotopic analysis using multi-collector inductively coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 97, 118-123.	2.9	36
79	High-precision simultaneous determination of 147Sm/144Nd and 143Nd/144Nd ratios in Smâ€“Nd mixtures using multi-collector inductively coupled plasma mass spectrometry and its comparison to isotope dilution analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 79-80, 82-87.	2.9	15
80	In situ UPb age determination and SrNd isotopic analysis of perovskite from the Premier (Cullinan) kimberlite, South Africa. Chemical Geology, 2013, 353, 83-95.	3.3	45
81	Emplacement age and Srâ€“Nd isotopic compositions of the Afrikanda alkaline ultramafic complex, Kola Peninsula, Russia. Chemical Geology, 2013, 353, 210-229.	3.3	58
82	Origin of the Yinshan epithermal-porphyry Cuâ€“Auâ€“Pbâ€“Znâ€“Ag deposit, southeastern China: insights from geochemistry, Srâ€“Nd and zircon Uâ€“Pbâ€“Hfâ€“O isotopes. International Geology Review, 2013, 55, 1835-1864.	2.1	9
83	Qinghu zircon: A working reference for microbeam analysis of U-Pb age and Hf and O isotopes. Science Bulletin, 2013, 58, 4647-4654.	1.7	626
84	Neodymium isotopic compositions of the standard monazites used in U Th Pb geochronology. Chemical Geology, 2012, 334, 221-239.	3.3	96
85	Evaluation of sample dissolution method for Sm-Nd isotopic analysis of scheelite. Journal of Analytical Atomic Spectrometry, 2012, 27, 509.	3.0	12
86	Evaluation of Sr chemical purification technique for natural geological samples using common cation-exchange and Sr-specific extraction chromatographic resin prior to MC-ICP-MS or TIMS measurement. Journal of Analytical Atomic Spectrometry, 2012, 27, 516.	3.0	76
87	Rapid and precise determination of Sr and Nd isotopic ratios in geological samples from the same filament loading by thermal ionization mass spectrometry employing a single-step separation scheme. Analytica Chimica Acta, 2012, 727, 54-60.	5.4	266
88	Crustal growth and intracrustal recycling in the middle segment of the Trans-North China Orogen, North China Craton: a case study of the Fuping Complex. Geological Magazine, 2012, 149, 729-742.	1.5	46
89	In situ U-Pb dating of titanite by LA-ICPMS. Science Bulletin, 2012, 57, 2506-2516.	1.7	81
90	Breakdown of orthopyroxene contributing to melt pockets in mantle peridotite xenoliths from the Western Qinling, central China: constraints from in situ LA-ICP-MS mineral analyses. Mineralogy and Petrology, 2012, 104, 225-247.	1.1	15

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91	Separation of magnesium from meteorites and terrestrial silicate rocks for high-precision isotopic analysis using multiple collector-inductively coupled plasma-mass spectrometry. Journal of Analytical Atomic Spectrometry, 2011, 26, 1878.	3.0	25
92	High precision analysis of Mg isotopic composition in olivine by laser ablation MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2011, 26, 1773.	3.0	23
93	Precise and accurate determination of Sm, Nd concentrations and Nd isotopic compositions in geological samples by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2011, 26, 1237.	3.0	91
94	In situ Uâ€“Pb, Sr and Nd isotopic analysis of loparite by LA-(MC)-ICP-MS. Chemical Geology, 2011, 280, 191-199.	3.3	31
95	High-precision direct determination of the 87Sr/86Sr isotope ratio of bottled Sr-rich natural mineral drinking water using multiple collector inductively coupled plasma mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2011, 66, 656-660.	2.9	47
96	In situ determination of Uâ€“Pb ages and Srâ€“Ndâ€“Hf isotopic constraints on the petrogenesis of the Phalaborwa carbonatite Complex, South Africa. Lithos, 2011, 127, 309-322.	1.4	96
97	The origin of spongy texture in minerals of mantle xenoliths from the Western Qinling, central China. Contributions To Mineralogy and Petrology, 2011, 161, 465-482.	3.1	53
98	Sr-rich apatite from the Dangzishan leucitite-ijolite xenoliths (Heilongjiang Province): Mineralogy and mantle-fluid metasomatism. Science Bulletin, 2011, 56, 53-63.	1.7	9
99	A straightforward protocol for Hf purification by single step anion-exchange chromatography and isotopic analysis by MC-ICP-MS applied to geological reference materials and zircon standards. International Journal of Mass Spectrometry, 2011, 299, 47-52.	1.5	19
100	Calculation methods for direct internal mass fractionation correction of spiked isotopic ratios from multi-collector mass spectrometric measurements. International Journal of Mass Spectrometry, 2011, 299, 87-93.	1.5	16
101	In situ Uâ€“Pb age determination and Nd isotopic analysis of perovskites from kimberlites in southern Africa and Somerset Island, Canada. Lithos, 2010, 115, 205-222.	1.4	77
102	Combined chemical separation of Lu, Hf, Rb, Sr, Sm and Nd from a single rock digest and precise and accurate isotope determinations of Luâ€“Hf, Rbâ€“Sr and Smâ€“Nd isotope systems using Multi-Collector ICP-MS and TIMS. International Journal of Mass Spectrometry, 2010, 290, 120-126.	1.5	355
103	Penglai Zircon Megacrysts: A Potential New Working Reference Material for Microbeam Determination of Hfâ€“O Isotopes and Uâ€“Pb Age. Geostandards and Geoanalytical Research, 2010, 34, 117-134.	3.1	777
104	In situ Uâ€“Pb, Sr, Nd and Hf isotopic analysis of eudialyte by LA-(MC)-ICP-MS. Chemical Geology, 2010, 273, 8-34.	3.3	84
105	In situ Uâ€“Pb and Ndâ€“Hfâ€“(Sr) isotopic investigations of zirconolite and calzirtite. Chemical Geology, 2010, 277, 178-195.	3.3	69
106	The Precambrian Khondalite Belt in the Daqingshan area, North China Craton: evidence for multiple metamorphic events in the Palaeoproterozoic era. Geological Society Special Publication, 2009, 323, 73-97.	1.3	120
107	Petrogenesis of highly fractionated I-type granites in the Zayu area of eastern Gangdese, Tibet: Constraints from zircon U-Pb geochronology, geochemistry and Sr-Nd-Hf isotopes. Science in China Series D: Earth Sciences, 2009, 52, 1223-1239.	0.9	135
108	In situ perovskite Srâ€“Nd isotopic constraints on the petrogenesis of the Ordovician Mengyin kimberlites in the North China Craton. Chemical Geology, 2009, 264, 24-42.	3.3	214

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109	High-Precision Measurements of the¹⁴³Nd/¹⁴⁴Nd Isotope Ratio in Certified Reference Materials without Nd and Sm Separation by Multiple Collector Inductively Coupled Plasma Mass Spectrometry. Analytical Letters, 2009, 43, 142-150.	1.8	42
110	Precise determination of Sm, Nd concentrations and Nd isotopic compositions at the nanogram level in geological samples by thermal ionization mass spectrometry. Journal of Analytical Atomic Spectrometry, 2009, 24, 1534.	3.0	131
111	In situ Nd isotopic measurement of natural geological materials by LA-MC-ICPMS. Science Bulletin, 2008, 53, 1062-1070.	9.0	89
112	Accurate measurement of neodymium isotopic composition using Neptune MC-ICP-MS. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2008, 3, 94-98.	0.4	5
113	Palaeoproterozoic Khondalite Belt in the western North China Craton: New evidence from SHRIMP dating and Hf isotope composition of zircons from metamorphic rocks in the Bayan Ul-Helan Mountains area. Science Bulletin, 2007, 52, 2984-2994.	1.7	113
114	Hf isotopic compositions of the standard zircons and baddeleyites used in Uâ€“Pb geochronology. Chemical Geology, 2006, 234, 105-126.	3.3	2,230
115	A calculation method to eliminate gain effect on isotopic measurement using the virtual amplifier multi-collector mass spectrometer. International Journal of Mass Spectrometry, 2006, 253, 130-135.	1.5	11
116	Tracing magma mixing in granite genesis: in situ Uâ€“Pb dating and Hf-isotope analysis of zircons. Contributions To Mineralogy and Petrology, 2006, 153, 177-190.	3.1	434
117	Hf isotopic compositions of the standard zircons for U-Pb dating. Science Bulletin, 2004, 49, 1642-1648.	1.7	152
118	Uâ€“Pb dating of andradite-rich garnet by SIMS. Journal of Analytical Atomic Spectrometry, 0, , .	3.0	3