

Yue-Heng Yang

List of Publications by Year in descending order

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118
papers

9,208
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71102

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39675

94
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all docs

119
docs citations

119
times ranked

3658
citing authors

#	ARTICLE	IF	CITATIONS
1	Hf isotopic compositions of the standard zircons and baddeleyites used in U-Pb geochronology. <i>Chemical Geology</i> , 2006, 234, 105-126.	3.3	2,230
2	Penglai Zircon Megacrysts: A Potential New Working Reference Material for Microbeam Determination of Hf-O Isotopes and U-Pb Age. <i>Geostandards and Geoanalytical Research</i> , 2010, 34, 117-134.	3.1	777
3	Qinghu zircon: A working reference for microbeam analysis of U-Pb age and Hf and O isotopes. <i>Science Bulletin</i> , 2013, 58, 4647-4654.	1.7	626
4	Tracing magma mixing in granite genesis: in situ U-Pb dating and Hf-isotope analysis of zircons. <i>Contributions To Mineralogy and Petrology</i> , 2006, 153, 177-190.	3.1	434
5	Combined chemical separation of Lu, Hf, Rb, Sr, Sm and Nd from a single rock digest and precise and accurate isotope determinations of Lu-Hf, Rb-Sr and Sm-Nd isotope systems using Multi-Collector ICP-MS and TIMS. <i>International Journal of Mass Spectrometry</i> , 2010, 290, 120-126.	1.5	355
6	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. <i>Analytica Chimica Acta</i> , 2012, 727, 54-60.	5.4	266
7	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
8	Sr and Nd isotopic compositions of apatite reference materials used in U-Th-Pb geochronology. <i>Chemical Geology</i> , 2014, 385, 35-55.	3.3	234
9	In situ perovskite Sr-Nd isotopic constraints on the petrogenesis of the Ordovician Mengyin kimberlites in the North China Craton. <i>Chemical Geology</i> , 2009, 264, 24-42.	3.3	214
10	Hf isotopic compositions of the standard zircons for U-Pb dating. <i>Science Bulletin</i> , 2004, 49, 1642-1648.	1.7	152
11	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. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 1223-1239.	0.9	135
12	Precise determination of Sm, Nd concentrations and Nd isotopic compositions at the nanogram level in geological samples by thermal ionization mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1534.	3.0	131
13	Non-KREEP origin for Chang-5 basalts in the Procellarum KREEP Terrane. <i>Nature</i> , 2021, 600, 59-63.	27.8	124
14	The Precambrian Khondalite Belt in the Daqingshan area, North China Craton: evidence for multiple metamorphic events in the Palaeoproterozoic era. <i>Geological Society Special Publication</i> , 2009, 323, 73-97.	1.3	120
15	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. <i>Science Bulletin</i> , 2007, 52, 2984-2994.	1.7	113
16	A rapid single column separation scheme for high-precision Sr-Nd-Pb isotopic analysis in geological samples using thermal ionization mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 4793-4802.	2.7	98
17	In situ determination of U-Pb ages and Sr-Nd-Hf isotopic constraints on the petrogenesis of the Phalaborwa carbonatite Complex, South Africa. <i>Lithos</i> , 2011, 127, 309-322.	1.4	96
18	Neodymium isotopic compositions of the standard monazites used in U Th Pb geochronology. <i>Chemical Geology</i> , 2012, 334, 221-239.	3.3	96

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19	Precise and accurate determination of Sm, Nd concentrations and Nd isotopic compositions in geological samples by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1237.	3.0	91
20	In situ Nd isotopic measurement of natural geological materials by LA-MC-ICPMS. <i>Science Bulletin</i> , 2008, 53, 1062-1070.	9.0	89
21	In situ U-Pb, Sr, Nd and Hf isotopic analysis of eudialyte by LA-(MC)-ICP-MS. <i>Chemical Geology</i> , 2010, 273, 8-34.	3.3	84
22	Genesis of the world's largest rare earth element deposit, Bayan Obo, China: Protracted mineralization evolution over $\sim 1/41$ b.y.. <i>Geology</i> , 2018, 46, 323-326.	4.4	82
23	In situ U-Pb dating of titanite by LA-ICPMS. <i>Science Bulletin</i> , 2012, 57, 2506-2516.	1.7	81
24	In situ U-Pb age determination and Nd isotopic analysis of perovskites from kimberlites in southern Africa and Somerset Island, Canada. <i>Lithos</i> , 2010, 115, 205-222.	1.4	77
25	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 516.	3.0	76
26	Cold deep subduction recorded by remnants of a Paleoproterozoic carbonated slab. <i>Nature Communications</i> , 2018, 9, 2790.	12.8	75
27	Origin of heavy rare earth mineralization in South China. <i>Nature Communications</i> , 2017, 8, 14598.	12.8	72
28	In situ U-Pb and Nd-Hf (Sr) isotopic investigations of zirconolite and calzirtite. <i>Chemical Geology</i> , 2010, 277, 178-195.	3.3	69
29	SAO1 - A Proposed Zircon Reference Material for Microbeam U-Pb Age and Hf-O Isotopic Determination. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 103-123.	3.1	69
30	Titanite-scale insights into multi-stage magma mixing in Early Cretaceous of NW Jiaodong terrane, North China Craton. <i>Lithos</i> , 2016, 258-259, 197-214.	1.4	61
31	Emplacement age and Sr-Nd isotopic compositions of the Afrikanda alkaline ultramafic complex, Kola Peninsula, Russia. <i>Chemical Geology</i> , 2013, 353, 210-229.	3.3	58
32	In situ U-Th-Pb ages of the Miaoya carbonatite complex in the South Qinling orogenic belt, central China. <i>Lithos</i> , 2017, 290-291, 159-171.	1.4	54
33	The origin of spongy texture in minerals of mantle xenoliths from the Western Qinling, central China. <i>Contributions To Mineralogy and Petrology</i> , 2011, 161, 465-482.	3.1	53
34	Magmatic process recorded in plagioclase at the Baogutu reduced porphyry Cu deposit, western Junggar, NW-China. <i>Journal of Asian Earth Sciences</i> , 2014, 82, 136-150.	2.3	50
35	A Comprehensive Method for Precise Determination of Re, Os, Ir, Ru, Pt, Pd Concentrations and Os Isotopic Compositions in Geological Samples. <i>Geostandards and Geoanalytical Research</i> , 2015, 39, 151-169.	3.1	50
36	Zircon M127 - A Homogeneous Reference Material for $\langle \text{sc} \rangle \text{SIMS} \langle / \text{sc} \rangle$ U-Pb Geochronology Combined with Hafnium, Oxygen and, Potentially, Lithium Isotope Analysis. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 457-475.	3.1	49

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37	High-precision direct determination of the $^{87}\text{Sr}/^{86}\text{Sr}$ isotope ratio of bottled Sr-rich natural mineral drinking water using multiple collector inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 656-660.	2.9	47
38	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. <i>Geological Magazine</i> , 2012, 149, 729-742.	1.5	46
39	In situ UPb age determination and SrNd isotopic analysis of perovskite from the Premier (Cullinan) kimberlite, South Africa. <i>Chemical Geology</i> , 2013, 353, 83-95.	3.3	45
40	U-Pb age determination of schorlomite garnet by laser ablation inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 231-239.	3.0	44
41	High-Precision Measurements of the $^{143}\text{Nd}/^{144}\text{Nd}$ Isotope Ratio in Certified Reference Materials without Nd and Sm Separation by Multiple Collector Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Letters</i> , 2009, 43, 142-150.	1.8	42
42	The effect of fluid-aided modification on the Sm-Nd and Th-Pb geochronology of monazite and bastnaesite: Implication for resolving complex isotopic age data in REE ore systems. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 300, 1-24.	3.9	42
43	In situ U-Pb dating of bastnaesite by LA-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1017-1023.	3.0	41
44	Accurate and precise <i>in situ</i> U-Pb isotope dating of wolframite series minerals <i>via</i> LA-SF-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2191-2203.	3.0	37
45	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 97, 118-123.	2.9	36
46	Natural Titanite Reference Materials for <i>In Situ</i> U-Pb and Sm-Nd Isotopic Measurements by LA-MC-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 355-384.	3.1	36
47	Single-step separation scheme and high-precision isotopic ratios analysis of Sr-Nd-Hf in silicate materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1467-1476.	3.0	35
48	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
49	Improved in situ zircon U-Pb dating at high spatial resolution ($5 \times 16 \mu\text{m}$) by laser ablation single collector sector field ICP-MS using Jet sample and X skimmer cones. <i>International Journal of Mass Spectrometry</i> , 2020, 456, 116394.	1.5	33
50	GZ-7 and GZ-8 Two Zircon Reference Materials for SIMS U-Pb Geochronology. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 431-457.	3.1	32
51	In Situ Th-Pb Dating and Sr-Nd Isotope Analysis of Bastnaesite by LA-(MC)-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2019, 43, 543-565.	3.1	32
52	Isotopic Compositions ($\text{Li}, \text{B}, \text{Si}, \text{O}, \text{Mg}, \text{S}, \text{Nd}, \text{Hf}, \text{Pb}$) and Fe^{2+}/Fe Ratios of Three Synthetic Andesite Glass Reference Materials (ARM-1, ARM-2, ARM-3). <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 719-745.	3.1	32
53	In situ U-Pb, Sr and Nd isotopic analysis of loparite by LA-(MC)-ICP-MS. <i>Chemical Geology</i> , 2011, 280, 191-199.	3.3	31
54	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

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55	Apatite geochemical and Sr Nd isotopic insights into granitoid petrogenesis. <i>Chemical Geology</i> , 2021, 566, 120104.	3.3	29
56	Separation of magnesium from meteorites and terrestrial silicate rocks for high-precision isotopic analysis using multiple collector-inductively coupled plasma-mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1878.	3.0	25
57	Scheelite geochemistry in porphyry-skarn W-Mo systems: A case study from the Gaojiabang Deposit, East China. <i>Ore Geology Reviews</i> , 2019, 113, 103084.	2.7	25
58	In situ Sr isotopic analyses of epidote: tracing the sources of multi-stage fluids in ultrahigh-pressure eclogite (Ganghe, Dabie terrane). <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	24
59	Triassic magmatism and Mo mineralization in Northeast China: geochronological and isotopic constraints from the Laojiagou porphyry Mo deposit. <i>International Geology Review</i> , 2015, 57, 55-75.	2.1	24
60	High spatial resolution in situ U ²³⁵ -Pb dating using laser ablation multiple ion counting inductively coupled plasma mass spectrometry (LA-MIC-ICP-MS). <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 975-986.	3.0	24
61	High precision analysis of Mg isotopic composition in olivine by laser ablation MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1773.	3.0	23
62	Timing and genesis of Cu-Au mineralization in the Khetri Copper Belt, northwestern India: constraints from in situ U-Pb ages and Sm-Nd isotopes of monazite-(Ce). <i>Mineralium Deposita</i> , 2019, 54, 553-568.	4.1	23
63	Separation of Nd from geological samples by a single TODGA resin column for high precision Nd isotope analysis as NdO ⁺ by TIMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 2053-2060.	3.0	23
64	Disturbance of the Sm-Nd isotopic system by metasomatic alteration: A case study of fluorapatite from the Sin Quyen Cu-LREE-Au deposit, Vietnam. <i>American Mineralogist</i> , 2018, 103, 1487-1496.	1.9	22
65	Further Characterization of the RW-1 Monazite: A New Working Reference Material for Oxygen and Neodymium Isotopic Microanalysis. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 583.	2.0	22
66	Precise Determination of Sm and Nd Concentrations and Nd Isotopic Compositions in Highly Depleted Ultramafic Reference Materials. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 61-72.	3.1	21
67	Emplacement age and isotopic composition of the Prairie Lake carbonatite complex, Northwestern Ontario, Canada. <i>Geological Magazine</i> , 2017, 154, 217-236.	1.5	21
68	An improved extraction chromatographic purification of tungsten from a silicate matrix for high precision isotopic measurements using MC-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 569-577.	3.0	21
69	Tracing magma mixing and crystal-melt segregation in the genesis of syenite with mafic enclaves: Evidence from in situ zircon Hf-O and apatite Sr-Nd isotopes. <i>Lithos</i> , 2019, 334-335, 42-57.	1.4	20
70	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. <i>International Journal of Mass Spectrometry</i> , 2011, 299, 47-52.	1.5	19
71	In situ simultaneous measurement of Rb-Sr/Sm-Nd or Sm-Nd/Lu-Hf isotopes in natural minerals using laser ablation multi-collector ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 994-1000.	3.0	19
72	Sequential Recovery of Heavy and Noble Metals by Mussel-Inspired Polydopamine-Polyethyleneimine Conjugated Polyurethane Composite Bearing Dithiocarbamate Moieties. <i>Polymers</i> , 2019, 11, 1125.	4.5	18

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73	Calculation methods for direct internal mass fractionation correction of spiked isotopic ratios from multi-collector mass spectrometric measurements. <i>International Journal of Mass Spectrometry</i> , 2011, 299, 87-93.	1.5	16
74	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
75	A novel sample cell for reducing the Position Effect in laser ablation MC-ICP-MS isotopic measurements. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1571-1578.	3.0	16
76	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1256-1262.	3.0	16
77	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. <i>Economic Geology</i> , 2021, 116, 1687-1710.	3.8	16
78	U-Pb isotopic dating of cassiterite: Development of reference materials and in situ applications by LA-SF-ICP-MS. <i>Chemical Geology</i> , 2022, 593, 120754.	3.3	16
79	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. <i>Mineralogy and Petrology</i> , 2012, 104, 225-247.	1.1	15
80	High-precision simultaneous determination of $^{147}\text{Sm}/^{144}\text{Nd}$ and $^{143}\text{Nd}/^{144}\text{Nd}$ ratios in Sm-Nd mixtures using multi-collector inductively coupled plasma mass spectrometry and its comparison to isotope dilution analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 79-80, 82-87.	2.9	15
81	Iolite Based Bulk Normalization as 100% (m/m) Quantification Strategy for Reduction of Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry Transient Signal. <i>Chinese Journal of Analytical Chemistry</i> , 2018, 46, 1628-1636.	1.7	15
82	In situ calcite U-Pb geochronology by high-sensitivity single-collector LA-SF-ICP-MS. <i>Science China Earth Sciences</i> , 2022, 65, 1146-1160.	5.2	15
83	Further characterization of SAO1 and SAO2 zircon reference materials for Si and Zr isotopic compositions via femtosecond laser ablation MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2192-2201.	3.0	14
84	Geochronological and geochemical constraints on the origin of highly ^{13}C -depleted calcite in basal Ediacaran cap carbonate. <i>Geological Magazine</i> , 2022, 159, 1323-1334.	1.5	14
85	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. <i>Lithos</i> , 2016, 266-267, 383-405.	1.4	13
86	U-Th-Pb geochronology and simultaneous analysis of multiple isotope systems in geological samples by LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1600-1615.	3.0	13
87	Evaluation of sample dissolution method for Sm-Nd isotopic analysis of scheelite. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 509.	3.0	12
88	Natural Clinopyroxene Reference Materials for in situ Sr Isotopic Analysis via LA-MC-ICP-MS. <i>Frontiers in Chemistry</i> , 2020, 8, 594316.	3.6	12
89	KV01 zircon-A potential New Archean reference material for microbeam U-Pb age and Hf-O isotope determinations. <i>Science China Earth Sciences</i> , 2020, 63, 1780-1790.	5.2	12
90	Methodology for in situ wolframite U-Pb dating and its application. <i>Science China Earth Sciences</i> , 2021, 64, 187-190.	5.2	12

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91	Characterization of the potential reference material SA02 for micro-beam U–Pb geochronology and Hf–O isotopic composition analysis of zircon. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 368-374.	3.0	12
92	A calculation method to eliminate gain effect on isotopic measurement using the virtual amplifier multi-collector mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2006, 253, 130-135.	1.5	11
93	In situ determination of hafnium isotopes from rutile using LA-MC-ICP-MS. <i>Science China Earth Sciences</i> , 2015, 58, 2134-2144.	5.2	11
94	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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2022, 189, 106374.	2.9	11
95	Apatite U–Pb Dating with Common Pb Correction Using LA-ICP-MS/MS. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 621-642.	3.1	10
96	Sr-rich apatite from the Dangzishan leucitite-ijolite xenoliths (Heilongjiang Province): Mineralogy and mantle-fluid metasomatism. <i>Science Bulletin</i> , 2011, 56, 53-63.	1.7	9
97	Origin of the Yinshan epithermal-porphyry Cu–Au–Pb–Zn–Ag deposit, southeastern China: insights from geochemistry, Sr–Nd and zircon U–Pb–Hf–O isotopes. <i>International Geology Review</i> , 2013, 55, 1835-1864.	2.1	9
98	High-Precision Sr–Nd–Hf–Pb Isotopic Composition of Chinese Geological Standard Glass Reference Materials CGSG-1, CGSG-2, CGSG-4 and CGSG-5 by MC-ICP-MS and TIMS. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 567-579.		9
99	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. <i>Chemical Geology</i> , 2021, 572, 120198.	3.3	9
100	Natural Allantite Reference Materials for <i>In Situ</i> U–Th–Pb and Sm–Nd Isotopic Measurements by LA-(MC)-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 169-203.	3.1	9
101	Three Natural Andesitic to Rhyolitic Glasses (OJ-1, OH-1, OA-1) as Reference Materials for <i>In Situ</i> Microanalysis. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 673-700.	3.1	9
102	Allantite U–Th–Pb geochronology by ion microprobe. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 489-497.	3.0	8
103	Crustal Derivation of the <i>ca</i> . 475–Ma Eppawala Carbonatites in Sri Lanka. <i>Journal of Petrology</i> , 2021, 62, .	2.8	8
104	A natural plagioclase reference material for microbeam Sr isotopic analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1706-1714.	3.0	8
105	Analytical feasibility of a new reference material (IRMM-524A Fe metal) for the <i>in situ</i> Fe isotopic analysis of pyrite and ilmenite without matrix effects by femtosecond LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1835-1845.	3.0	8
106	Zircon U–Pb ages and Hf isotope of the granitoids from the Xingwen porphyry molybdenum deposit in the Xiaoxing'an Range – Zhangguangcai Range metallogenic belt, NE China. <i>Geological Journal</i> , 2018, 53, 304-315.	1.3	7
107	<i>In situ</i> U–Pb geochronology of vesuvianite by LA-SF-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 69-81.	3.0	7
108	Precise and Accurate Determination of Lu and Hf Contents, and Hf Isotopic Compositions in Chinese Rock Reference Materials by MC-ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 553-565.	3.1	6

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109	Accurate measurement of neodymium isotopic composition using Neptune MC-ICP-MS. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2008, 3, 94-98.	0.4	5
110	A Chromatographic Method for Separation of Tungsten (W) from Silicate Samples for High-Precision Isotope Analysis Using Negative Thermal Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 11987-11993.	6.5	5
111	Characteristic Performance of Guard Electrode in LA-ICP-MS for Multi-Element Quantification. <i>Atomic Spectroscopy</i> , 2020, 41, 154-161.	1.2	5
112	The formation of the Cosisyao giant porphyry Mo deposit on the northern margin of the North China Craton: Constraints from U-Pb and Rb-Sr geochronology, whole-rock geochemistry, Hf isotopes, and oxygen fugacity of the magma. <i>Geological Journal</i> , 2019, 54, 2160-2184.	1.3	4
113	Precise and accurate Lu-Hf isotope analysis of columbite-group minerals by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1643-1656.	3.0	3
114	U-Pb dating of andradite-rich garnet by SIMS. <i>Journal of Analytical Atomic Spectrometry</i> , 0, , .	3.0	3
115	<i>In situ</i> sequential U-Pb age and Sm-Nd systematics measurements of natural LREE-enriched minerals using single laser ablation multi-collector inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 510-517.	3.0	2
116	Further Characterization of the BB Zircon via SIMS and MC-ICP-MS for Li, O, and Hf Isotopic Compositions. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 774.	2.0	1
117	In-run measuring $^{177}\text{Hf}/^{160}\text{O}$ / ^{177}Hf as a routine technique for in-situ Hf isotopic compositions analysis in zirconium-bearing minerals by laser ablation MC-ICP-MS. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2022, 194, 106486.	2.9	1
118	Martian hydrothermal fluids recorded in the Sm-Nd isotopic systematics of apatite in regolith breccia meteorites. <i>Earth and Planetary Science Letters</i> , 2022, 581, 117413.	4.4	0