

Takafumi Hirata

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9423618/publications.pdf>

Version: 2024-02-01

122
papers

3,809
citations

159585

30
h-index

133252

59
g-index

123
all docs

123
docs citations

123
times ranked

2534
citing authors

#	ARTICLE	IF	CITATIONS
1	Amalgamation of the Ryoke and Sanbagawa metamorphic belts at the subduction interface: New insights from the Kashio mylonite along the Median Tectonic Line, Nagano, Japan. <i>Journal of Metamorphic Geology</i> , 2022, 40, 389-422.	3.4	5
2	Size and isotopic ratio measurements of individual nanoparticles by a continuous ion-monitoring method using Faraday detectors equipped on a multi-collector-ICP-mass spectrometer. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 178-184.	3.0	9
3	Zircon U-Pb-Hf Isotopic and Trace Element Analyses for Oceanic Mafic Crustal Rock of the Neoproterozoic-Early Paleozoic Oeyama Ophiolite Unit and Implication for Subduction Initiation of Proto-Japan Arc. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 107.	2.0	2
4	A new gain calibration protocol for Faraday amplifiers equipped with a 10^{13} Ω resistor. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1076-1083.	3.0	1
5	Improvement of spatial resolution of elemental imaging using laser ablation-ICP-mass spectrometry. <i>Analytical Sciences</i> , 2022, 38, 695-702.	1.6	4
6	Decoupling of U-Pb ages and compositional zoning of garnet in a high-pressure marble from the eastern Iratsu body, Sanbagawa metamorphic terrane, Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2022, 117, n/a.	0.9	1
7	Extensional stress accompanied by Miocene near-trench magmatism in the southern Kii Peninsula, SW Japan. <i>Journal of Asian Earth Sciences</i> , 2022, 235, 105266.	2.3	3
8	Incorporation of U, Pb and Rare Earth Elements in Calcite through Crystallisation from Amorphous Calcium Carbonate: Simple Preparation of Reference Materials for Microanalysis. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 189-205.	3.1	4
9	Age and associated stress field of middle Miocene back-arc basalt magmatism in Northeast Japan. <i>Island Arc</i> , 2021, 30, e12379.	1.1	1
10	Zircon U-Pb ages of Miocene granitic rocks in the Koshikijima Islands: Implications for Neogene tectonics in the Kyushu region, southwest Japan. <i>Island Arc</i> , 2021, 30, e12383.	1.1	2
11	Single-pulse laser ablation-inductively coupled plasma-mass spectrometry U-Pb dating of thin zircon rims: An application to metamorphic rocks from Mount Everest, eastern Nepal. <i>Chemical Geology</i> , 2021, 559, 119903.	3.3	12
12	Uranium-lead isotopic analysis from transient signals using high-time resolution-multiple collector-ICP-MS (HTR-MC-ICP-MS). <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 70-74.	3.0	6
13	<i>In situ</i> isotopic analysis of uranium using a new data acquisition protocol for 10^{13} Ω Faraday amplifiers. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 668-675.	3.0	13
14	Zircon U-Pb ages and whole-rock geochemistry from the Hida granites: implications for the geotectonic history and the origin of Mesozoic granites in the Hida belt, Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2021, 116, 61-66.	0.9	8
15	Non-metamorphosed autochthonous Kuncha-Naudanda-Heklang Formations and their differences from those of the Kuncha nappe: A multichronological approach. <i>Island Arc</i> , 2021, 30, e12396.	1.1	3
16	U-Pb ages of zircons from metamorphic rocks in the upper sequence of the Hidaka Metamorphic Belt, Hokkaido, Japan: Identification of two metamorphic events and implications for regional tectonics. <i>Island Arc</i> , 2021, 30, e12393.	1.1	2
17	Size Analysis of Small Metal Nanoparticles Using Single Particle ICP Mass Spectrometry. <i>Analytical Sciences</i> , 2021, 37, 1637-1640.	1.6	6
18	The emplacement of in situ greenstones in the northern Hidaka belt: The tectonic relationship between subduction of the Izanagi-Pacific ridge and Hidaka magmatic activity. <i>Island Arc</i> , 2021, 30, e12403.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Zircon U-Pb chronology on plutonic rocks from northeastern Cambodia. <i>Heliyon</i> , 2021, 7, e06752.	3.2	4
20	Discovery of the Early Jurassic high-temperature pre-Sanbagawa metamorphism recorded in titanite. <i>Lithos</i> , 2021, 398-399, 106349.	1.4	2
21	A Paleogene magmatic overprint on Cretaceous seamounts of the western Pacific. <i>Island Arc</i> , 2021, 30, e12386.	1.1	15
22	Age and associated stress field of the Miocene Tochiara Rhyolites using dikes in the Daigo Town, Northeast Japan. <i>Journal of the Geological Society of Japan</i> , 2021, 127, 395-402.	0.6	0
23	Zircon U-Pb ages of the Paleogene formation in the western part of Mihara City, Hiroshima Prefecture. <i>Journal of the Geological Society of Japan</i> , 2021, 127, 479-187.	0.6	2
24	Geochemical characteristics of back-arc basin lower crust and upper mantle at final spreading stage of Shikoku Basin: an example of Mado Megamullion. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	3.0	16
25	Determination of highly precise and accurate eruptive age of Obirakiyama Tuff, ejecta from Yunosawa Caldera, southern Aomori Prefecture. <i>Journal of the Geological Society of Japan</i> , 2021, 127, 545-561.	0.6	0
26	Development of a Continuous Sampling Technique Based on Laser Ablation in Liquid (CLAL) for the Realtime-elemental Analysis of Solid Materials Using an ICP-MS. <i>Bunseki Kagaku</i> , 2021, 70, 729-735.	0.2	1
27	Electron Multiplier and Daly Detector. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2021, 69, 166-170.	0.1	0
28	Major and trace element abundances in volcanic glass shards in visible tephras in SG93 and SG06 drillcore samples from Lake Suigetsu, central Japan, obtained using femtosecond LA-ICP-MS. <i>Journal of Quaternary Science</i> , 2020, 35, 66-80.	2.1	11
29	Age control of the first appearance datum for Javanese <i>Homo erectus</i> in the Sangiran area. <i>Science</i> , 2020, 367, 210-214.	12.6	51
30	Collisional bending of the western Paleozoic Kuril Arc deduced from paleomagnetic analysis and U-Pb age determination. <i>Island Arc</i> , 2020, 29, e12329.	1.1	4
31	Size analysis of large-sized gold nanoparticles using single particle ICP-mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2834-2839.	3.0	4
32	Zircon fission-track and U-Pb double dating using femtosecond laser ablation-inductively coupled plasma-mass spectrometry: A technical note. <i>Island Arc</i> , 2020, 29, e12348.	1.1	24
33	U-Pb ages of granitoids around the Kofu basin: Implications for the Neogene geotectonic evolution of the South Fossa Magna region, central Japan. <i>Island Arc</i> , 2020, 29, e12361.	1.1	9
34	Isotopic analysis of platinum from single nanoparticles using a high-time resolution multiple collector Inductively Coupled Plasma - Mass Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 169, 105881.	2.9	20
35	Northward cooling of the Kuncha nappe and downward heating of the Lesser Himalayan autochthon distributed to the south of Mt. Annapurna, western central Nepal. <i>Island Arc</i> , 2020, 29, e12349.	1.1	3
36	Northward younging zircon fission-track ages from 13 to 2 Ma in the eastern extension of the Kathmandu nappe and underlying Lesser Himalayan sediments distributed to the south of Mt. Everest. <i>Island Arc</i> , 2020, 29, e12352.	1.1	4

#	ARTICLE	IF	CITATIONS
37	New age constraints and tectonic significance of the late Oligocene marine biosiliceous mudstone in the Hidaka Belt, northeastern Hokkaido, Japan. <i>Journal of the Geological Society of Japan</i> , 2020, 126, 71-84.	0.6	3
38	New age constraints and tectonic significance of the early Miocene sediments in the Hidaka Belt around Tomuraushi area, central Hokkaido, Japan. <i>Journal of the Geological Society of Japan</i> , 2020, 126, 605-620.	0.6	2
39	Analytical Capability of High-Time Resolution-Multiple Collector-Inductively Coupled Plasma-Mass Spectrometry for the Elemental and Isotopic Analysis of Metal Nanoparticles. <i>Mass Spectrometry</i> , 2020, 9, A0085-A0085.	0.6	12
40	Examination of the Relationship between the Ukinuno and Sakate Tephra from Sambe Volcano, Southwest Japan. <i>Journal of Geography (Chigaku Zasshi)</i> , 2020, 129, 375-396.	0.3	3
41	Position-by-position cooling paths within the Toki granite, central Japan: Constraints and the relation with fracture population in a pluton. <i>Journal of Asian Earth Sciences</i> , 2019, 169, 47-66.	2.3	16
42	Determination of major to trace elements in metallic materials based on the solid mixing calibration method using multiple spot-laser ablation-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1794-1799.	3.0	28
43	Imaging of Ag NP transport through collagen-rich microstructures in fibroblast multicellular spheroids by high-resolution laser ablation inductively coupled plasma time-of-flight mass spectrometry. <i>Analyst, The</i> , 2019, 144, 4935-4942.	3.5	5
44	Quantitative Imaging of Silver Nanoparticles and Essential Elements in Thin Sections of Fibroblast Multicellular Spheroids by High Resolution Laser Ablation Inductively Coupled Plasma Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 10197-10203.	6.5	27
45	Kinetics and duration of metamorphic mineral growth in a subduction complex: zircon and phengite in the Nagasaki metamorphic complex, western Kyushu, Japan. <i>Contributions To Mineralogy and Petrology</i> , 2019, 174, 1.	3.1	7
46	U-Pb zircon dating of the Sanbagawa metamorphic rocks in the Besshi-Asemi-gawa region, central Shikoku, Japan, and tectono-stratigraphic consequences. <i>Journal of the Geological Society of Japan</i> , 2019, 125, 183-194.	0.6	20
47	Petit-spot volcanoes on the oldest portion of the Pacific plate. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 154, 103142.	1.4	13
48	Origin and Evolution of Distinct Molybdenum Isotopic Variabilities within Carbonaceous and Noncarbonaceous Reservoirs. <i>Astrophysical Journal</i> , 2019, 883, 62.	4.5	23
49	Development of an Imaging Method for Nanoparticles by a Laser Ablation ICP-MS. <i>Bunseki Kagaku</i> , 2019, 68, 1-7.	0.2	3
50	Correction of Mass Spectrometric Interferences for Rapid and Precise Isotope Ratio Measurements of Calcium from Biological Samples Using ICP-Mass Spectrometry. <i>Analytical Sciences</i> , 2019, 35, 793-798.	1.6	8
51	Timescale of material circulation in subduction zone: U-Pb zircon and ⁴⁰ Ar/ ³⁹ Ar phengite double dating of the Sanbagawa metamorphic complex in the Ikeda district, central Shikoku, southwest Japan. <i>Island Arc</i> , 2019, 28, e12306.	1.1	21
52	Elemental and Isotope Ratio Analysis of Single Nanoparticles Using a Multiple Collector ICP-MS. <i>Bunseki Kagaku</i> , 2019, 68, 81-88.	0.2	8
53	High-resolution laser ablation inductively coupled plasma mass spectrometry used to study transport of metallic nanoparticles through collagen-rich microstructures in fibroblast multicellular spheroids. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3497-3506.	3.7	17
54	Simultaneous Determination of Size and Position of Silver and Gold Nanoparticles in Onion Cells using Laser Ablation-ICP-MS. <i>Analytical Chemistry</i> , 2019, 91, 4544-4551.	6.5	36

#	ARTICLE	IF	CITATIONS
55	Duluth Complex apatites: Age reference material for LA-ICP-MS-based fission-track dating. <i>Terra Nova</i> , 2019, 31, 247-256.	2.1	14
56	Brine Infiltration in the Middle to Lower Crust in a Collision Zone: Mass Transfer and Microtexture Development Through Wet Grain-Boundary Diffusion. <i>Journal of Petrology</i> , 2019, 60, 329-358.	2.8	10
57	Petrographic Properties of Visible Tephra Layers in SG93 and SG06 Drill Core Samples from Lake Suigetsu, Central Japan. <i>Journal of Geography (Chigaku Zasshi)</i> , 2019, 128, 879-903.	0.3	8
58	The upper Oligocene to Miocene stratigraphy around the Kakunodate Town, eastern part of Dewa Hills, northeast Japan. <i>Journal of the Geological Society of Japan</i> , 2019, 125, 279-295.	0.6	6
59	Zircon U-Pb ages of sedimentary complexes in the Hidaka Belt. <i>Journal of the Geological Society of Japan</i> , 2019, 125, 421-438.	0.6	14
60	Elemental Analysis Using Multiple Spot Laser Ablation-ICP-Mass Spectrometry. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2019, 67, 154-159.	0.1	2
61	Identification of multiple widespread tephra from the volcanic glass shard chemistry of muddy sediments of the Nohbi Formation, central Japan. <i>The Quaternary Research</i> , 2019, 58, 333-348.	0.1	1
62	Development of Data Analysis Software for Nanoparticle Measurements by ICP-Mass Spectrometry. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2019, 67, 147-153.	0.1	7
63	iQuant2: Software for Rapid and Quantitative Imaging Using Laser Ablation-ICP Mass Spectrometry. <i>Mass Spectrometry</i> , 2018, 7, A0065-A0065.	0.6	37
64	Standardless fission-track ages of the IUGS age standards. <i>Chemical Geology</i> , 2018, 488, 87-104.	3.3	21
65	U-Pb zircon geochronology of the North Pole Dome adamellite in the eastern Pilbara Craton. <i>Island Arc</i> , 2018, 27, e12248.	1.1	6
66	Spatiotemporal evolution of magmatic pulses and regional metamorphism during a Cretaceous flare-up event: Constraints from the Ryoke belt (Mikawa area, central Japan). <i>Lithos</i> , 2018, 308-309, 428-445.	1.4	21
67	High-reliability zircon separation for hunting the oldest material on Earth: An automatic zircon separator with image-processing/microtweezers-manipulating system and double-step dating. <i>Geoscience Frontiers</i> , 2018, 9, 1073-1083.	8.4	12
68	U-Pb zircon ages of the Nakanogawa Group in the Hidaka Belt, northern Japan: Implications for its provenance and the protolith of the Hidaka metamorphic rocks. <i>Island Arc</i> , 2018, 27, e12234.	1.1	16
69	Age gap between the intrusion of gneissose granitoids and regional high-temperature metamorphism in the Ryoke belt (Mikawa area), central Japan. <i>Island Arc</i> , 2018, 27, e12224.	1.1	16
70	Zircon fission-track and U-Pb ages of the Green Tuff in Nishiwaga Town, Iwate Prefecture, and their implications. <i>Journal of the Geological Society of Japan</i> , 2018, 124, 819-835.	0.6	13
71	A numerical inversion method for improving the spatial resolution of elemental imaging by laser ablation-inductively coupled plasma-mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 2210-2218.	3.0	3
72	Stable Isotope Composition of Metal Elements in Biological Samples as Tracers for Element Metabolism. <i>Analytical Sciences</i> , 2018, 34, 645-655.	1.6	26

#	ARTICLE	IF	CITATIONS
73	U-Pb dating of calcite using LA-ICP-MS: Instrumental setup for non-matrix-matched age dating and determination of analytical areas using elemental imaging. <i>Geochemical Journal</i> , 2018, 52, 531-540.	1.0	16
74	Identification and correlation of tephras from the Plio-Pleistocene Shobudani Group, Kinokawa River, southwest Japan. <i>The Quaternary Research</i> , 2018, 57, 211-227.	0.1	4
75	Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 801-810.	0.1	1
76	In situ ²⁰⁷ Pb/ ²⁰⁶ Pb isotope ratio measurements using two Daly detectors equipped on an ICP-mass spectrometer. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 686-691.	3.0	46
77	A new approach for constraining the magnitude of initial disequilibrium in Quaternary zircons by coupled uranium and thorium decay series dating. <i>Quaternary Geochronology</i> , 2017, 38, 1-12.	1.4	76
78	The effect of Mg and Sr on the crystallinity of bones evaluated through Raman spectroscopy and laser ablation-ICPMS analysis. <i>Analyst</i> , The, 2017, 142, 4265-4278.	3.5	13
79	Detrital zircon multi-chronology, provenance, and low-grade metamorphism of the Cretaceous Shimanto accretionary complex, eastern Shikoku, southwest Japan: Tectonic evolution in response to igneous activity within a subduction zone. <i>Island Arc</i> , 2017, 26, e12218.	1.1	32
80	Geochemical characteristics of zircons in the Aoshizuri A-type granitoids: An additional granite topology tool for detrital zircon studies. <i>Island Arc</i> , 2017, 26, e12216.	1.1	13
81	Calcium isotope signature: new proxy for net change in bone volume for chronic kidney disease and diabetic rats. <i>Metallomics</i> , 2017, 9, 1745-1755.	2.4	16
82	A high-T metamorphic complex derived from the high-P Sulu metamorphic complex in the Omuta district, northern Kyushu, southwest Japan. <i>Island Arc</i> , 2017, 26, e12208.	1.1	12
83	U-Pb age determination for zircons using laser ablation-ICP-mass spectrometry equipped with six multiple-ion counting detectors. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 88-95.	3.0	51
84	Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Encyclopedia of Earth Sciences Series</i> , 2017, , 1-10.	0.1	0
85	Possible polymetamorphism and brine infiltration recorded in the garnet-sillimanite gneiss, Skallevikshalsen, Lützow-Holm Complex, East Antarctica. <i>Journal of Mineralogical and Petrological Sciences</i> , 2016, 111, 129-143.	0.9	28
86	Revisiting the high temperature metamorphic field gradient of the Ryoke Belt (SW Japan): New constraints from the Iwakuni-Yanai area. <i>Lithos</i> , 2016, 260, 9-27.	1.4	36
87	Simultaneous determination of 58 major and trace elements in volcanic glass shards from the INTAV sample mount using femtosecond laser ablation-inductively coupled plasma-mass spectrometry. <i>Geochemical Journal</i> , 2016, 50, 403-422.	1.0	12
88	Detrital Zircon Age Spectra of the Upper Cretaceous Atogura and Tochiya Formations in the Northern Kanto Mountains, SW Japan. <i>Journal of Geography (Chigaku Zasshi)</i> , 2015, 124, 633-656.	0.3	20
89	Fission track and U-Pb zircon ages of psammitic rocks from the Harushinai unit, Kamuikotan metamorphic rocks, central Hokkaido, Japan: constraints on metamorphic histories. <i>Island Arc</i> , 2015, 24, 379-403.	1.1	8
90	Geochemical behavior of zirconium during Cl-rich fluid or melt infiltration under upper amphibolite facies metamorphism: A case study from Brattnipene, Sør Rondane Mountains, East Antarctica. <i>Journal of Mineralogical and Petrological Sciences</i> , 2015, 110, 166-178.	0.9	13

#	ARTICLE	IF	CITATIONS
91	Petit-spot geology reveals melts in upper-most asthenosphere dragged by lithosphere. <i>Earth and Planetary Science Letters</i> , 2015, 426, 267-279.	4.4	35
92	Ancient oceanic crust in island arc lower crust: Evidence from oxygen isotopes in zircons from the Tanzawa Tonalitic Pluton. <i>Lithos</i> , 2015, 228-229, 43-54.	1.4	23
93	Using a gem garnet (GA1) as a possible reference material for <i>in situ</i> microanalysis of garnet. <i>Geochemical Journal</i> , 2015, 49, 421-424.	1.0	1
94	Determination of U-Pb Ages for Young Zircons using Laser Ablation-ICP-Mass Spectrometry Coupled with an Ion Detection Attenuator Device. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 409-420.	3.1	66
95	New U-Pb zircon ages of the Sandbian (Upper Ordovician) ϵ -Big K-bentonite in Baltoscandia (Estonia). <i>Tectonophysics</i> , 2014, 574-575, 1-14.	1.2	14
96	The eastern extension of Paleozoic South China in NE Japan evidenced by detrital zircon. <i>Gff</i> , 2014, 136, 116-119.	1.2	39
97	Detrital zircon ages of Cambrian and Devonian sandstones from Estonia, central Baltica: a possible link to Avalonia during the Late Neoproterozoic. <i>Gff</i> , 2014, 136, 214-217.	1.2	13
98	Provenance diversification within an arc-trench system induced by batholith development: the Cretaceous Japan case. <i>Terra Nova</i> , 2014, 26, 139-149.	2.1	42
99	Zircon U-Pb dating from the mafic enclaves in the Tanzawa Tonalitic Pluton, Japan: Implications for arc history and formation age of the lower-crust. <i>Lithos</i> , 2014, 196-197, 301-320.	1.4	14
100	Emplacement of hot Lesser Himalayan nappes from 15 to 10 Ma in the Sikkim region, western Nepal, and their thermal imprint on the underlying Early Miocene fluvial Dumri Formation. <i>Island Arc</i> , 2013, 22, 361-381.	1.1	23
101	Behavior of zircon in the upper-amphibolite to granulite facies schist/migmatite transition, Ryoke metamorphic belt, SW Japan: constraints from the melt inclusions in zircon. <i>Contributions To Mineralogy and Petrology</i> , 2013, 165, 575-591.	3.1	36
102	An interlaboratory evaluation of ϵ zircon for use as a secondary U-Pb dating standard. <i>Island Arc</i> , 2013, 22, 382-394.	1.1	196
103	Rift-related origin of the Paleoproterozoic Kuncha Formation, and cooling history of the Kuncha nappe and Toplejung granites, eastern Nepal Lesser Himalaya: a multichronological approach. <i>Island Arc</i> , 2013, 22, 338-360.	1.1	41
104	Behavior of rare elements in Late Cretaceous pegmatites from the Setouchi Province, Inner Zone of Southwest Japan. <i>Journal of Mineralogical and Petrological Sciences</i> , 2013, 109, 28-33.	0.9	3
105	Evaluation of fission-track and U-Pb double dating method for identical zircon grains. <i>Journal of the Geological Society of Japan</i> , 2012, 118, 365-375.	0.6	87
106	U-Pb zircon geochronology of granites and charnockite from southern India: implications for magmatic pulses associated with plate tectonic cycles within a Precambrian suture zone. <i>Geological Journal</i> , 2012, 47, 237-252.	1.3	20
107	Determinations of Rare Earth Element Abundance and U-Pb Age of Zircons Using Multispot Laser Ablation-Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2011, 83, 8892-8899.	6.5	85
108	Laser ablation ICP mass spectrometry for zircon U-Pb geochronology of metamorphosed granite from the Salem Block: Implication for Neoproterozoic crustal evolution in southern India. <i>Journal of Mineralogical and Petrological Sciences</i> , 2011, 106, 1-12.	0.9	42

#	ARTICLE	IF	CITATIONS
109	U–Pb Age Determination for Seven Standard Zircons using Inductively Coupled Plasma–Mass Spectrometry Coupled with Frequency Quintupled Nd:YAG ($\lambda = 213$ nm) Laser Ablation System: Comparison with LA–ICP–MS Zircon Analyses with a NIST Glass Reference Material. <i>Resource Geology</i> , 2008, 58, 101-123.	0.8	101
110	Isotopic Analysis of Calcium in Blood Plasma and Bone from Mouse Samples by Multiple Collector-ICP-Mass Spectrometry. <i>Analytical Sciences</i> , 2008, 24, 1501-1507.	1.6	46
111	Evaluation of the Analytical Capability of NIR Femtosecond Laser Ablation-Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Sciences</i> , 2008, 24, 345-353.	1.6	67
112	Volcanism in Response to Plate Flexure. <i>Science</i> , 2006, 313, 1426-1428.	12.6	262
113	Improvements of precision and accuracy in in situ Hf isotope microanalysis of zircon using the laser ablation-MC-ICPMS technique. <i>Chemical Geology</i> , 2005, 220, 121-137.	3.3	440
114	Development of signal smoothing device for precise elemental analysis using laser ablation-ICP-mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 932.	3.0	120
115	Isotopic Analysis of Fe in Human Red Blood Cells by Multiple Collector-ICP-Mass Spectrometry. <i>Analytical Sciences</i> , 2004, 20, 617-621.	1.6	62
116	Simultaneous determinations of U-Pb age and REE abundances for zircons using ArF excimer laser ablation-ICPMS. <i>Geochemical Journal</i> , 2004, 38, 229-241.	1.0	140
117	Improvements in precision of isotopic ratio measurements using laser ablation-multiple collector-ICP-mass spectrometry: reduction of changes in measured isotopic ratios. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 1283.	3.0	90
118	In-situ precise isotopic analysis of tungsten using laser ablation multi-collector inductively coupled plasma mass spectrometry (LA-MC-ICP-MS) with time resolved data acquisition. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 204-210.	3.0	27
119	Determinations of Zr isotopic composition and U–Pb ages for terrestrial and extraterrestrial Zr-bearing minerals using laser ablation-inductively coupled plasma mass spectrometry: implications for Nb–Zr isotopic systematics. <i>Chemical Geology</i> , 2001, 176, 323-342.	3.3	42
120	Lead isotopic analyses of NIST Standard Reference Materials using multiple collector inductively coupled plasma mass spectrometry coupled with a modified external correction method for mass discrimination effect. <i>Analyst</i> , 1996, 121, 1407.	3.5	192
121	U-Pb isotope geochronology of zircon: evaluation of the laser probe-inductively coupled plasma mass spectrometry technique. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 2491-2500.	3.9	294
122	Early Cretaceous partial melting recorded by pelitic gneiss from the Nagasaki Metamorphic Complex, western Kyushu, Japan: initiation of Cretaceous high-T metamorphism at eastern margin of Eurasia. <i>International Geology Review</i> , 0, , 1-28.	2.1	0