

U–Pb LA–ICPMS dating using accessory mineral sta

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Citation Report

#	ARTICLE	IF	CITATIONS
1	GGR Biennial Critical Review: Analytical Developments Since 2012. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 467-512.	1.7	8
2	LA-ICP-MS U-Pb dating and REE patterns of apatite from the Tatra Mountains, Poland as a monitor of the regional tectonomagmatic activity. <i>Geochronometria</i> , 2014, 41, 306-314.	0.2	18
3	Determination of U-Pb Ages for Young Zircons using Laser Ablation ICP-MS Mass Spectrometry Coupled with an Ion Detection Attenuator Device. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 409-420.	1.7	66
4	LIMA U-Pb ages link lithospheric mantle metasomatism to Karoo magmatism beneath the Kimberley region, South Africa. <i>Earth and Planetary Science Letters</i> , 2014, 401, 132-147.	1.8	41
5	The thermal history of the western Irish onshore. <i>Journal of the Geological Society</i> , 2014, 171, 779-792.	0.9	13
6	Chemical Abrasion Applied to LA-ICP-MS U-Pb Zircon Geochronology. <i>Minerals (Basel, Switzerland)</i> , 2014, 4, 503-518.	0.8	39
7	High temperature (>350°C) thermochronology and mechanisms of Pb loss in apatite. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 127, 39-56.	1.6	154
8	Sr and Nd isotopic compositions of apatite reference materials used in U-Th-Pb geochronology. <i>Chemical Geology</i> , 2014, 385, 35-55.	1.4	234
9	In situ U-Pb dating of bastnaesite by LA-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1017-1023.	1.6	41
10	Simultaneous in situ determination of U-Pb and Sm-Nd isotopes in monazite by laser ablation ICP-MS. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2575-2600.	1.0	36
11	LA-ICP-MS U-Pb apatite dating of Lower Cretaceous rocks from teschenite-picrite association in the Silesian Unit (southern Poland). <i>Geologica Carpathica</i> , 2014, 65, 273-284.	0.2	17
12	Does a Heavy Fe-Isotope Composition of Akilia Quartz-Amphibole-Pyroxene Rocks Necessitate a BIF Origin?. <i>Astrobiology</i> , 2015, 15, 816-824.	1.5	6
13	Geochronology and Thermochronology Using Apatite: Time and Temperature, Lower Crust to Surface. <i>Elements</i> , 2015, 11, 189-194.	0.5	159
14	U-Pb ages of apatite in the western Tauern Window (Eastern Alps): Tracing the onset of collision-related exhumation in the European plate. <i>Earth and Planetary Science Letters</i> , 2015, 418, 53-65.	1.8	27
16	U-Th-Pb zircon geochronology by ID-TIMS, SIMS, and laser ablation ICP-MS: Recipes, interpretations, and opportunities. <i>Chemical Geology</i> , 2015, 402, 89-110.	1.4	204
17	Cambrian plutonism in Northeast Japan and its significance for the earliest arc-trench system of proto-Japan: New U-Pb zircon ages of the oldest granitoids in the Kitakami and Ou Mountains. <i>Journal of Asian Earth Sciences</i> , 2015, 108, 136-149.	1.0	46
18	Atomic spectrometry update: review of advances in atomic spectrometry and related techniques. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1017-1037.	1.6	18
19	Neoproterozoic (ca. 820-830 Ma) mafic dykes at Olympic Dam, South Australia: Links with the Gairdner Large Igneous Province. <i>Precambrian Research</i> , 2015, 271, 160-172.	1.2	51

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20	Standardless fission-track dating of the Durango apatite age standard. <i>Chemical Geology</i> , 2015, 417, 44-57.	1.4	21
21	2014 atomic spectrometry update – a review of advances in environmental analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 21-63.	1.6	21
22	Exhumation history of the Peake and Denison Inliers: insights from low-temperature thermochronology. <i>Australian Journal of Earth Sciences</i> , 2016, 63, 805-820.	0.4	13
23	Age and origin of fluorapatite-rich dyke from Baranec Mt. (Tatra Mts., Western Carpathians): a key to understanding of the post-orogenic processes and element mobility. <i>Geologica Carpathica</i> , 2016, 67, 417-432.	0.2	2
24	Matrix effects in Pb/U measurements during LA-ICP-MS analysis of the mineral apatite. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1206-1215.	1.6	71
25	Proto-Andean evolution of the Eastern Cordillera of Peru. <i>Gondwana Research</i> , 2016, 35, 59-78.	3.0	37
26	Tracking exhumation and drainage divide migration of the Western Alps: A test of the apatite U-Pb thermochronometer as a detrital provenance tool. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1439-1460.	1.6	50
27	Community-Defined Standards for <sc>LA</sc>-<sc>ICP</sc>-<sc>MS</sc> U-(Th)Pb Geochronology – Uncertainty Propagation, Age Interpretation and Data Reporting. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 311-332.	1.7	570
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29	Detecting magma-poor orogens in the detrital record. <i>Geology</i> , 2016, 44, 871-874.	2.0	53
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32	Olivine-phyric basalt in the Mesoproterozoic Gawler silicic large igneous province, South Australia: Examples at the Olympic Dam Iron Oxide Cu-U-Au-Ag deposit and other localities. <i>Precambrian Research</i> , 2016, 281, 185-199.	1.2	37
33	Allanite U Pb geochronology by 193 nm LA ICP-MS using NIST610 glass for external calibration.. <i>Chemical Geology</i> , 2016, 438, 91-102.	1.4	41
34	(LA,Q)-ICPMS trace-element analyses of Durango and McClure Mountain apatite and implications for making natural LA-ICPMS mineral standards. <i>Chemical Geology</i> , 2016, 435, 35-48.	1.4	104
35	Integrated single crystal laser ablation U/Pb and (U-Th)/He dating of detrital accessory minerals – Proof-of-concept studies of titanites and zircons from the Fish Canyon tuff. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 178, 106-123.	1.6	34
36	Grain size matters: Implications for element and isotopic mobility in titanite. <i>Precambrian Research</i> , 2016, 278, 283-302.	1.2	51
37	Polygenetic titanite records the composition of metamorphic fluids during the exhumation of ultrahigh-pressure metagranite in the Sulu orogen. <i>Journal of Metamorphic Geology</i> , 2016, 34, 573-594.	1.6	15

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39	Dating cassiterite using laser ablation ICP-MS. <i>Ore Geology Reviews</i> , 2016, 72, 313-322.	1.1	109
40	Dating shear zones with plastically deformed titanite: New insights into the orogenic evolution of the Sudbury impact structure (Ontario, Canada). <i>Precambrian Research</i> , 2017, 291, 220-235.	1.2	42
41	Rapid high-resolution U–Pb LA-Q-ICPMS age mapping of zircon. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 262-276.	1.6	18
42	LA-Q-ICP-MS apatite U/Pb geochronology using common Pb in plagioclase: Examples from layered mafic intrusions. <i>American Mineralogist</i> , 2017, 102, 571-579.	0.9	16
43	Early accretion of water and volatile elements to the inner Solar System: evidence from angrites. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160209.	1.6	51
44	A new approach to laser-ablation inductively-coupled-plasma mass-spectrometry (LA-ICP-MS) using the flexible map interrogation tool <i>Monocle</i> ™. <i>Chemical Geology</i> , 2017, 463, 76-93.	1.4	91
45	Thermal and exhumation history of Sakhalin Island (Russia) constrained by apatite U-Pb and fission track thermochronology. <i>Journal of Asian Earth Sciences</i> , 2017, 143, 326-342.	1.0	47
46	U-Pb geochronology of grossular-andradite garnet. <i>Chemical Geology</i> , 2017, 460, 106-116.	1.4	120
47	Non-matrix-matched standardisation in LA-ICP-MS analysis: general approach, and application to allanite Th–U–Pb dating. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1359-1377.	1.6	34
48	A Potential (U–Th)/He Zircon Reference Material from Penglai Zircon Megacrysts. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 359-365.	1.7	16
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50	Empirical constraints on the effects of radiation damage on helium diffusion in zircon. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 218, 308-322.	1.6	44
51	A calcite reference material for LA-ICP-MS U–Pb geochronology. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2807-2814.	1.0	213
52	Apatite and titanite from the Karrat Group, Greenland; implications for charting the thermal evolution of crust from the U-Pb geochronology of common Pb bearing phases. <i>Precambrian Research</i> , 2017, 300, 107-120.	1.2	56
53	GGR Biennial Critical Review: Analytical Developments Since 2014. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 493-562.	1.7	11
54	Access Denied Single-track length measurements of step-etched fission tracks in Durango apatite: <i>Vorsprung durch Technik</i> . <i>American Mineralogist</i> , 2017, , .	0.9	3
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56	Greater South China extended to the Khanka block: Detrital zircon geochronology of middle-upper Paleozoic sandstones in Primorye, Far East Russia. <i>Journal of Asian Earth Sciences</i> , 2017, 145, 565-575.	1.0	50
57	A prolonged granitoid formation in Saglek Block, Labrador: Zonal growth and crustal reworking of continental crust in the Eoarchean. <i>Geoscience Frontiers</i> , 2017, 8, 355-385.	4.3	29
59	EARLY, DEEP MAGNETITE-FLUORAPATITE MINERALIZATION AT THE OLYMPIC DAM Cu-U-Au-Ag DEPOSIT, SOUTH AUSTRALIA*. <i>Economic Geology</i> , 2017, 112, 1531-1542.	1.8	46
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61	Thermal history of the northern Olympic Domain, Gawler Craton; correlations between thermochronometric data and mineralising systems. <i>Gondwana Research</i> , 2018, 56, 90-104.	3.0	14
62	An Integrated Apatite Geochronology and Geochemistry Tool for Sedimentary Provenance Analysis. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1309-1326.	1.0	62
63	Late Cretaceous granitic magmatism and mineralization in the Yingwuling Wâ€“Sn deposit, South China: Constraints from zircon and cassiterite Uâ€“Pb geochronology and whole-rock geochemistry. <i>Ore Geology Reviews</i> , 2018, 96, 115-129.	1.1	42
64	IsoplotR: A free and open toolbox for geochronology. <i>Geoscience Frontiers</i> , 2018, 9, 1479-1493.	4.3	1,505
65	Depositional age and correlation of the Oonah Formation: refining the timing of Neoproterozoic basin formation in Tasmania. <i>Australian Journal of Earth Sciences</i> , 2018, 65, 391-407.	0.4	9
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70	Evaluating downhole fractionation corrections in LA-ICP-MS U-Pb zircon geochronology. <i>Chemical Geology</i> , 2018, 483, 201-217.	1.4	23
71	Standardless fission-track ages of the IUGS age standards. <i>Chemical Geology</i> , 2018, 488, 87-104.	1.4	21
72	Distinguishing slow cooling versus multiphase cooling and heating in zircon and apatite (U-Th)/He datasets: The case of the McClure Mountain syenite standard. <i>Chemical Geology</i> , 2018, 485, 90-99.	1.4	25
73	Timing and duration of Variscan high-pressure metamorphism in the French Massif Central: A multimethod geochronological study from the Najac Massif. <i>Lithos</i> , 2018, 308-309, 381-394.	0.6	36
74	Variscan post-collisional cooling and uplift of the Tatra Mountains crystalline block constrained by integrated zircon, apatite and titanite LA-(MC)-ICP-MS U-Pb dating and rare earth element analyses. <i>Chemical Geology</i> , 2018, 484, 191-209.	1.4	10

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79	Peak to post-peak thermal history of the Saglek Block of Labrador: A multiphase and multi-instrumental approach to geochronology. <i>Chemical Geology</i> , 2018, 484, 210-223.	1.4	21
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94	An apatite U-Pb thermal history map for the northern Gawler Craton, South Australia. <i>Geoscience Frontiers</i> , 2018, 9, 1293-1308.	4.3	19
95	Multiple Stage Ore Formation in the Chadormalu Iron Deposit, Bafq Metallogenic Province, Central Iran: Evidence from BSE Imaging and Apatite EPMA and LA-ICP-MS U-Pb Geochronology. <i>Minerals (Basel)</i> , 2019, 9, 108.	0.8	25
96	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.	1.6	13
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98	Apatite stability under different oxygen fugacities relevant to planetary bodies. <i>Mineralogy and Petrology</i> , 2018, 112, 789-800.	0.4	2
99	Geochemistry and apatite U-Pb geochronology of alkaline gabbros from the Nodoushan plutonic complex, Sanandaj-Sirjan Zone, Central Iran: Evidence for Early Palaeozoic rifting of northern Gondwana. <i>Geological Journal</i> , 2019, 54, 1902-1926.	0.6	7
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104	Congo River sand and the equatorial quartz factory. <i>Earth-Science Reviews</i> , 2019, 197, 102918.	4.0	47
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106	The thermo-tectonic evolution of the southern Congo Craton margin as determined from apatite and muscovite thermochronology. <i>Tectonophysics</i> , 2019, 766, 398-415.	0.9	6
107	Characterization of the rhyolite of Bodie Hills and $^{40}\text{Ar}/^{39}\text{Ar}$ intercalibration with Ar mineral standards. <i>Chemical Geology</i> , 2019, 525, 282-302.	1.4	19
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121	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.	1.7	36
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