

Lei Xu

List of Publications by Year in descending order

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12
papers

314
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	<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
2	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
3	A natural plagioclase reference material for microbeam Sr isotopic analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1706-1714.	3.0	8
4	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
5	<i>In situ</i> Fe isotopic analyses of fourteen reference materials using a synthetic Cr standard for mass bias and isobaric interference corrections by femtosecond LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 747-757.	3.0	10
6	Geodynamics of decratonization and related magmatism and mineralization in the North China Craton. <i>Science China Earth Sciences</i> , 2021, 64, 1409-1427.	5.2	43
7	Isotopic Compositions (Li, B, Si, O, Mg, Sr, Nd, Hf, Pb) and Fe ²⁺ /ΣFe Ratios of Three Synthetic Andesite Class Reference Materials (ARM1, ARM2, ARM3). <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 719-745.	3.1	32
8	Jilin zircon – a new natural reference material for microbeam U–Pb geochronology and Hf–O isotopic analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2216-2226.	3.0	12
9	Further characterization of SA01 and SA02 zircon reference materials for Si and Zr isotopic compositions <i>via</i> femtosecond laser ablation MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2192-2201.	3.0	14
10	Non-KREEP origin for Chang–5 basalts in the Procellarum KREEP Terrane. <i>Nature</i> , 2021, 600, 59-63.	27.8	124
11	Tanz zircon megacrysts: a new zircon reference material for the microbeam determination of U–Pb ages and Zr–O isotopes. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2715-2734.	3.0	25
12	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