

Wanfeng Zhang

List of Publications by Year in descending order

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32
papers

487
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all docs

32
docs citations

32
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	An evaluation of precision and accuracy of SIMS oxygen isotope analysis. <i>Solid Earth Sciences</i> , 2018, 3, 81-86.	1.7	61
2	Urban Expansion and Its Impact on the Land Use Pattern in Xishuangbanna since the Reform and Opening up of China. <i>Remote Sensing</i> , 2017, 9, 137.	4.0	60
3	Screening of oil sources by using comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry and multivariate statistical analysis. <i>Journal of Chromatography A</i> , 2015, 1380, 162-170.	3.7	33
4	Geochronological and geochemical constraints on the Cuonadong leucogranite, eastern Himalaya. <i>Acta Geochimica</i> , 2018, 37, 347-359.	1.7	28
5	A novel sample preparation method for ultra-high vacuum (UHV) secondary ion mass spectrometry (SIMS) analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1559-1563.	3.0	26
6	Zircon water content: reference material development and simultaneous measurement of oxygen isotopes by SIMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1088-1097.	3.0	26
7	Analysis of crude oils using gas purge microsyringe extraction coupled to comprehensive two dimensional gas chromatography-time-of-flight mass spectrometry. <i>Fuel</i> , 2016, 182, 788-797.	6.4	22
8	Magnetic graphene solid-phase extraction in the determination of polycyclic aromatic hydrocarbons in water. <i>RSC Advances</i> , 2017, 7, 53720-53727.	3.6	20
9	Spatiotemporal Patterns of Urban Land Use Change in Typical Cities in the Greater Mekong Subregion (GMS). <i>Remote Sensing</i> , 2019, 11, 801.	4.0	19
10	Optimization of SIMS analytical parameters for water content measurement of olivine. <i>Surface and Interface Analysis</i> , 2020, 52, 224-233.	1.8	17
11	Use of light hydrocarbons for the oil-oil correlation in Pearl River Mouth Basin, South China Sea. <i>Fuel</i> , 2018, 221, 179-187.	6.4	16
12	Gas purge microsyringe extraction coupled to comprehensive two-dimensional gas chromatography for the characterization of petroleum migration. <i>Organic Geochemistry</i> , 2017, 106, 30-47.	1.8	15
13	Characterizing Sand and Dust Storms (SDS) Intensity in China Based on Meteorological Data. <i>Sustainability</i> , 2018, 10, 2372.	3.2	15
14	A Novel Change Detection Method for Natural Disaster Detection and Segmentation from Video Sequence. <i>Sensors</i> , 2020, 20, 5076.	3.8	15
15	Pure sediment-derived granites in a subduction zone. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 599-615.	3.3	14
16	Gas release systematics of mineral-hosted fluid inclusions during stepwise crushing: implications for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of hydrothermal fluids. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 251, 36-55.	3.9	13
17	Classification of Urban Functional Areas From Remote Sensing Images and Time-Series User Behavior Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 1207-1221.	4.9	13
18	Oxygen isotope homogeneity assessment for apatite U-Th-Pb geochronology reference materials. <i>Surface and Interface Analysis</i> , 2020, 52, 197-213.	1.8	12

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19	Determination of diamondoids in crude oils using gas purge microsyringe extraction with comprehensive two dimensional gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1478, 75-83.	3.7	11
20	Mapping High Mountain Lakes Using Space-Borne Near-Nadir SAR Observations. <i>Remote Sensing</i> , 2018, 10, 1418.	4.0	9
21	Optimization of irradiation parameters for $^{40}\text{Ar}/^{39}\text{Ar}$ dating by Argus VI multi-collector mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1374-1380.	3.0	6
22	A H ₂ O-in-zircon perspective on the heterogeneous water content of crust-derived magmas in southern Tibet. <i>Science China Earth Sciences</i> , 2021, 64, 1184-1194.	5.2	6
23	Raman spectroscopy-based screening of zircon for reliable water content and oxygen isotope measurements. <i>American Mineralogist</i> , 2022, 107, 936-945.	1.9	5
24	Progressively released gases from fluid inclusions reveal new insights on W-Sn mineralization of the Yaogangxian tungsten deposit, South China. <i>Ore Geology Reviews</i> , 2021, 138, 104353.	2.7	5
25	Tracing magma water evolution by H ₂ O-in-zircon: A case study in the Gangdese batholith in Tibet. <i>Lithos</i> , 2021, 404-405, 106445.	1.4	5
26	$\delta^{13}\text{C}$ -Methylhopane: Indicator for Oil-Source Correlation in the Pearl River Mouth Basin, China. <i>Aquatic Geochemistry</i> , 2017, 23, 185-198.	1.3	4
27	Meso- to Neoproterozoic geodynamic transition of the North China Craton indicated by H ₂ O-in-zircon for TTG suite. <i>Precambrian Research</i> , 2022, 371, 106574.	2.7	4
28	SIMS simultaneous measurement of oxygen-hydrogen isotopes and water content for hydrous geological samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 706-715.	3.0	2
29	An improved gas extraction model during stepwise crushing: New perspectives on fluid geochronology and geochemistry. <i>Ore Geology Reviews</i> , 2022, 140, 104588.	2.7	2
30	High-precision apatite ^{37}Cl measurement by SIMS with a ^{1012}Cl amplifier Faraday cup. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 222-228.	3.0	1
31	Fluid inclusion $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of andalusite from syn-tectonic quartz veins: new perspectives on dating deformation and metamorphism in low-pressure metamorphic belts. <i>Geochimica Et Cosmochimica Acta</i> , 2022, , .	3.9	1
32	High Water Contents in Zircons Suggest Water-Fluxed Crustal Melting During Cratonic Destruction. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	1