Wanfeng Zhang

List of Publications by Year in descending order

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32 papers	487 citations	623734 14 h-index	713466 21 g-index
32 all docs	32 docs citations	32 times ranked	517 citing authors

#	Article	IF	Citations
1	Pure sediment-derived granites in a subduction zone. Bulletin of the Geological Society of America, 2022, 134, 599-615.	3.3	14
2	Raman spectroscopy-based screening of zircon for reliable water content and oxygen isotope measurements. American Mineralogist, 2022, 107, 936-945.	1.9	5
3	An improved gas extraction model during stepwise crushing: New perspectives on fluid geochronology and geochemistry. Ore Geology Reviews, 2022, 140, 104588.	2.7	2
4	High-precision apatite Î´37Cl measurement by SIMS with a 1012 Î© amplifier Faraday cup. Journal of Analytical Atomic Spectrometry, 2022, 37, 222-228.	3.0	1
5	Fluid inclusion 40Ar/39Ar geochronology of andalusite from syn-tectonic quartz veins: new perspectives on dating deformation and metamorphism in low-pressure metamorphic belts. Geochimica Et Cosmochimica Acta, 2022, , .	3.9	1
6	Meso- to Neoarchean geodynamic transition of the North China Craton indicated by H2O-in-zircon for TTG suite. Precambrian Research, 2022, 371, 106574.	2.7	4
7	High Water Contents in Zircons Suggest Waterâ€Fluxed Crustal Melting During Cratonic Destruction. Geophysical Research Letters, 2022, 49, .	4.0	1
8	SIMS simultaneous measurement of oxygenâ€“hydrogen isotopes and water content for hydrous geological samples. Journal of Analytical Atomic Spectrometry, 2021, 36, 706-715.	3.0	2
9	Optimization of irradiation parameters for 40Ar/39Ar dating by Argus VI multi-collector mass spectrometry. Journal of Analytical Atomic Spectrometry, 2021, 36, 1374-1380.	3.0	6
10	A H2O-in-zircon perspective on the heterogeneous water content of crust-derived magmas in southern Tibet. Science China Earth Sciences, 2021, 64, 1184-1194.	5.2	6
11	Progressively released gases from fluid inclusions reveal new insights on W-Sn mineralization of the Yaogangxian tungsten deposit, South China. Ore Geology Reviews, 2021, 138, 104353.	2.7	5
12	Tracing magma water evolution by H2O-in-zircon: A case study in the Gangdese batholith in Tibet. Lithos, 2021, 404-405, 106445.	1.4	5
13	Classification of Urban Functional Areas From Remote Sensing Images and Time-Series User Behavior Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1207-1221.	4.9	13
14	Oxygen isotope homogeneity assessment for apatite Uâ€Thâ€Pb geochronology reference materials. Surface and Interface Analysis, 2020, 52, 197-213.	1.8	12
15	Optimization of SIMS analytical parameters for water content measurement of olivine. Surface and Interface Analysis, 2020, 52, 224-233.	1.8	17
16	A Novel Change Detection Method for Natural Disaster Detection and Segmentation from Video Sequence. Sensors, 2020, 20, 5076.	3.8	15
17	Spatiotemporal Patterns of Urban Land Use Change in Typical Cities in the Greater Mekong Subregion (GMS). Remote Sensing, 2019, 11, 801.	4.0	19
18	Zircon water content: reference material development and simultaneous measurement of oxygen isotopes by SIMS. Journal of Analytical Atomic Spectrometry, 2019, 34, 1088-1097.	3.0	26

#	Article	IF	Citations
19	Gas release systematics of mineral-hosted fluid inclusions during stepwise crushing: implications for 40Ar/39Ar geochronology of hydrothermal fluids. Geochimica Et Cosmochimica Acta, 2019, 251, 36-55.	3.9	13
20	Geochronological and geochemical constraints on the Cuonadong leucogranite, eastern Himalaya. Acta Geochimica, 2018, 37, 347-359.	1.7	28
21	Use of light hydrocarbons for the oil-oil correlation in Pearl River Mouth Basin, South China Sea. Fuel, 2018, 221, 179-187.	6.4	16
22	Mapping High Mountain Lakes Using Space-Borne Near-Nadir SAR Observations. Remote Sensing, 2018, 10, 1418.	4.0	9
23	Characterizing Sand and Dust Storms (SDS) Intensity in China Based on Meteorological Data. Sustainability, 2018, 10, 2372.	3.2	15
24	An evaluation of precision and accuracy of SIMS oxygen isotope analysis. Solid Earth Sciences, 2018, 3, 81-86.	1.7	61
25	A novel sample preparation method for ultra-high vacuum (UHV) secondary ion mass spectrometry (SIMS) analysis. Journal of Analytical Atomic Spectrometry, 2018, 33, 1559-1563.	3.0	26
26	Gas purge microsyringe extraction coupled to comprehensive two-dimensional gas chromatography for the characterization of petroleum migration. Organic Geochemistry, 2017, 106, 30-47.	1.8	15
27	2Î±-Methylhopane: Indicator for Oilâ€“Source Correlation in the Pearl River Mouth Basin, China. Aquatic Geochemistry, 2017, 23, 185-198.	1.3	4
28	Magnetic graphene solid-phase extraction in the determination of polycyclic aromatic hydrocarbons in water. RSC Advances, 2017, 7, 53720-53727.	3.6	20
29	Urban Expansion and Its Impact on the Land Use Pattern in Xishuangbanna since the Reform and Opening up of China. Remote Sensing, 2017, 9, 137.	4.0	60
30	Determination of diamondoids in crude oils using gas purge microsyringe extraction with comprehensive two dimensional gas chromatography-time-of-flight mass spectrometry. Journal of Chromatography A, 2016, 1478, 75-83.	3.7	11
31	Analysis of crude oils using gas purge microsyringe extraction coupled to comprehensive two dimensional gas chromatography-time-of-flight mass spectrometry. Fuel, 2016, 182, 788-797.	6.4	22
32	Screening of oil sources by using comprehensive two-dimensional gas chromatography/time-of-flight mass spectrometry and multivariate statistical analysis. Journal of Chromatography A, 2015, 1380, 162-170.	3.7	33