

# Miaohong He

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

345  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
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13  
docs citations

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times ranked

428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-induced plasma temperature. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 97, 13-33.	2.9	133
2	Minimizing Matrix Effect by Femtosecond Laser Ablation and Ionization in Elemental Determination. <i>Analytical Chemistry</i> , 2013, 85, 4507-4511.	6.5	70
3	Elemental fractionation and matrix effects in laser sampling based spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 358-382.	3.0	55
4	Single-Cell Elemental Analysis via High Irradiance Femtosecond Laser Ionization Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 4268-4272.	6.5	21
5	Three-Dimensional Elemental Imaging of Nantan Meteorite via Femtosecond Laser Ionization Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 565-570.	6.5	17
6	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
7	Buffer-gas assisted high irradiance femtosecond laser ionization orthogonal time-of-flight mass spectrometry for rapid depth profiling. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 499.	3.0	11
8	Composition analysis of ancient celadon via femtosecond laser ionization time-of-flight mass spectrometry. <i>Applied Surface Science</i> , 2015, 351, 624-634.	6.1	8
9	Rapid determination of the original boron isotopic composition from altered basaltic glass by in situ secondary ion mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 238-245.	3.0	6
10	Thermal Diffusion Desorption for the Comprehensive Analysis of Organic Compounds. <i>Analytical Chemistry</i> , 2014, 86, 6372-6378.	6.5	5
11	Characterization of kinetic energy distributions of ions in high laser irradiance via orthogonal time-of-flight mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 76, 197-202.	2.9	3
12	Accurate <i>in situ</i> oxygen isotopic analysis at high resolution by secondary ion mass spectrometry shows the potential of aragonite as a reference material. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1389-1398.	3.0	3
13	Element mobility and oxygen isotope systematics during submarine alteration of basaltic glass. <i>American Mineralogist</i> , 2022, 107, 432-442.	1.9	1