JAAS

Journal of Analytical Atomic Spectrometry

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Cover
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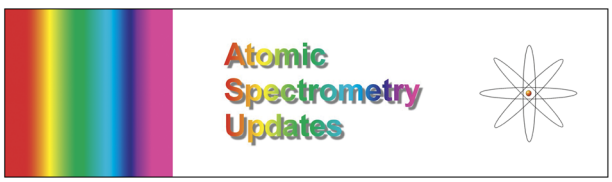
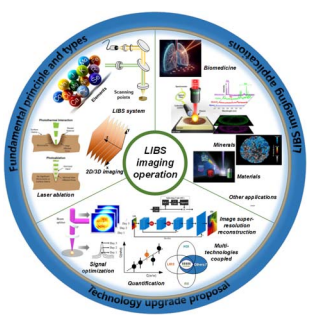
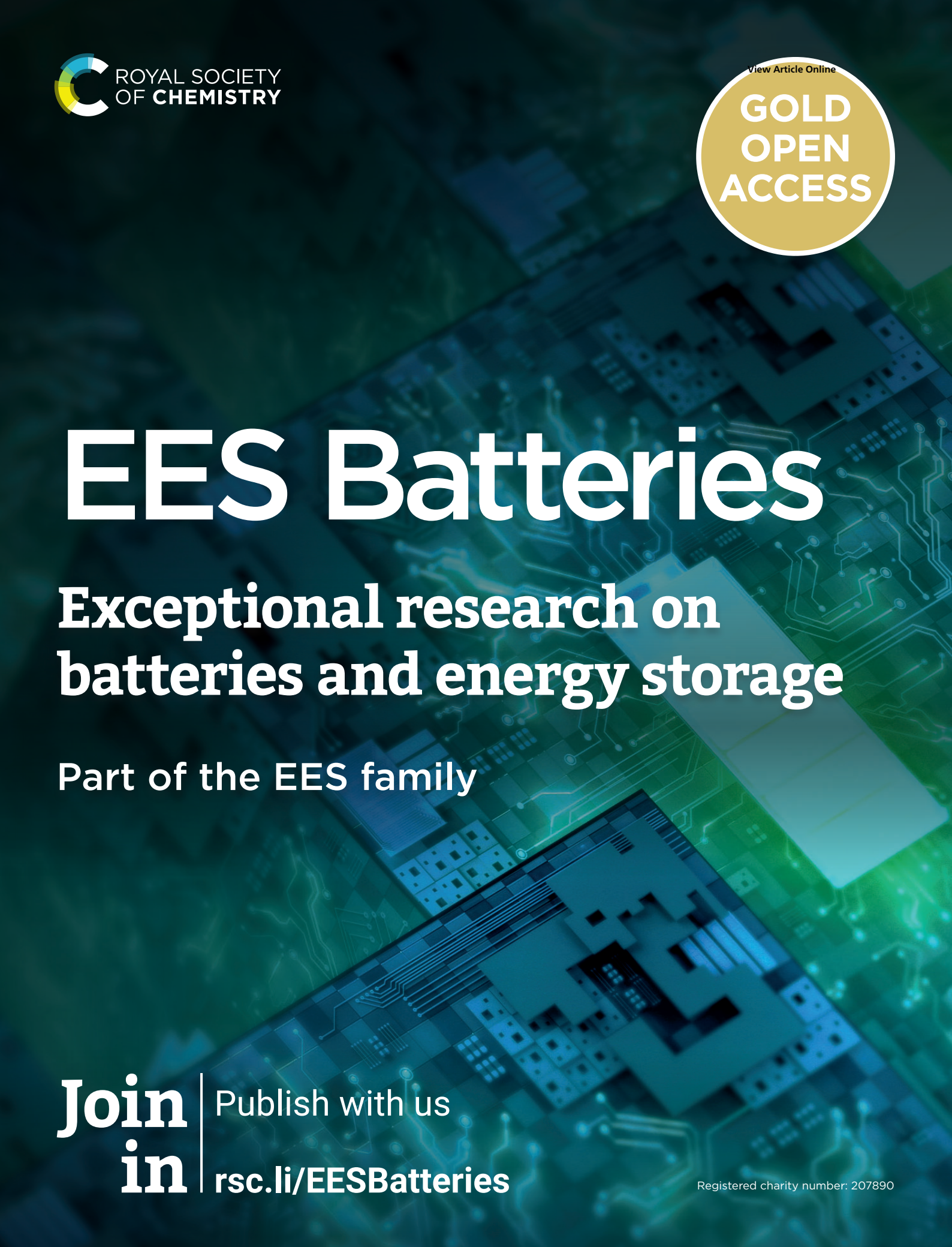
ATOMIC SPECTROMETRY UPDATES



TUTORIAL REVIEW

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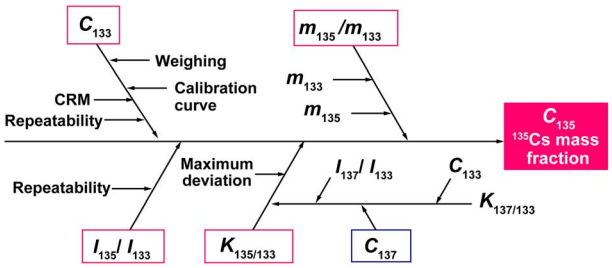

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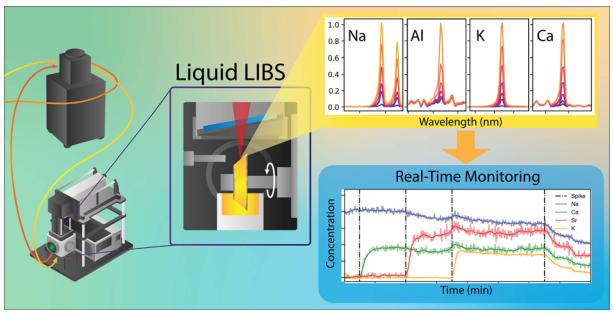

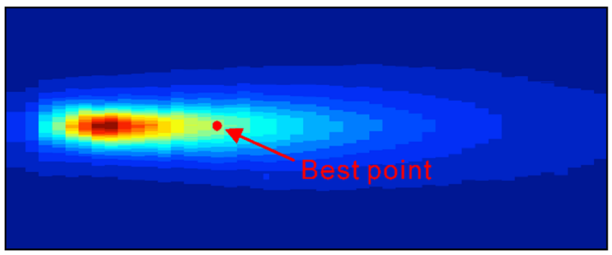

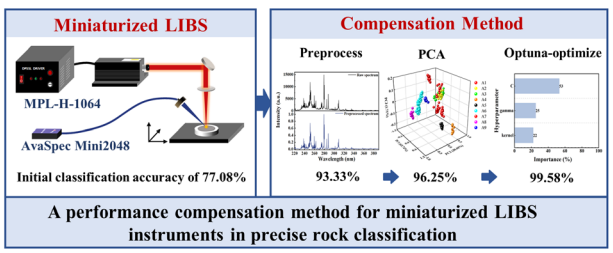

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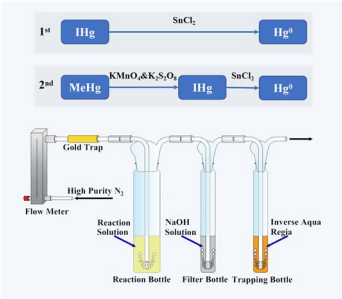

A dual-stage purge–trap protocol to separate species-specific mercury from marine biota for precise isotopic analysis

Songjing Li, Ruoyu Sun,* Xiaowei Chen, Wei Zhang, Mei Meng, Yi Liu, Wang Zheng and Jiubin Chen

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Second version of the open-source software GSA for gamma-ray spectrum analysis

Lahcen El Amri,* Hamid Amsil, Omar El Bounagui, Abdelouahed Chetaine, Brahim Elmokhtari, Hamid Bounouira and Abdessamad Didi

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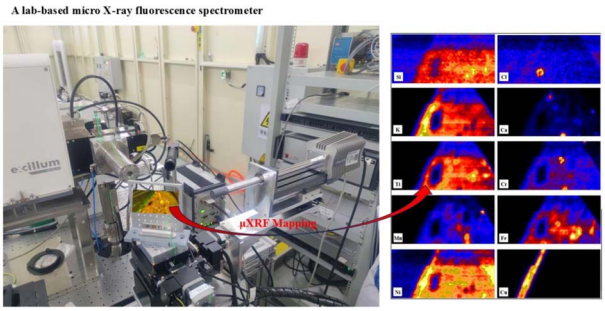

A lab-based micro-X-ray fluorescence spectrometer with high photon flux and spatial resolution for ancient ceramic research

Xiao-Sheng Lin, Miao-Miao Wang, Miao Shu, Chao-Yang Li, Hai-Jing Li, Xu Wang,* Chun-Zhen Yang* and Rui Si*

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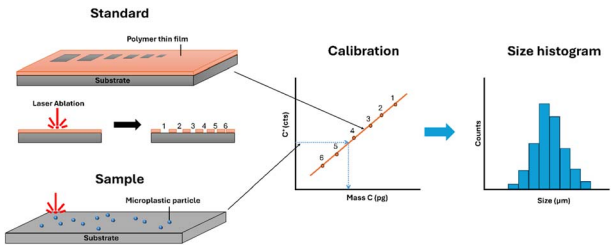

Novel calibration approach for particle size analysis of microplastics by laser ablation single particle-ICP-MS

Lukas Brunnbauer,* Laura Kronlachner, Elias Foisner and Andreas Limbeck*

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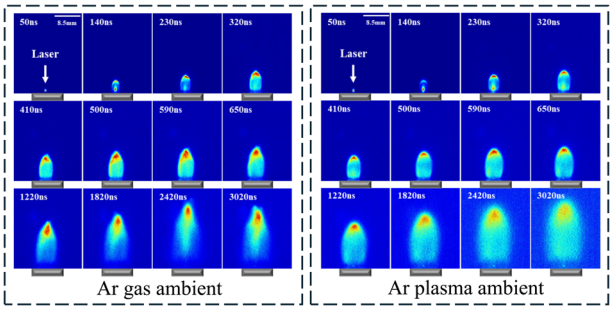

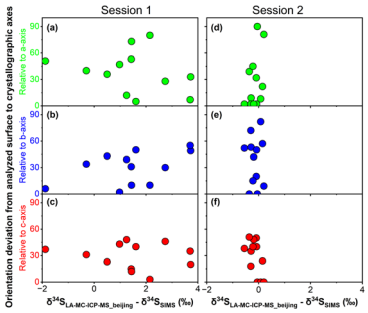

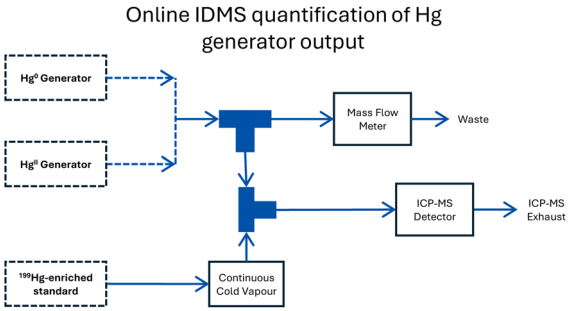

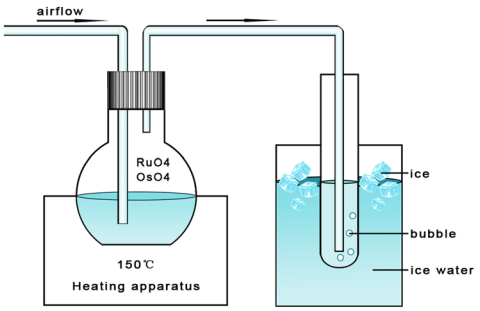

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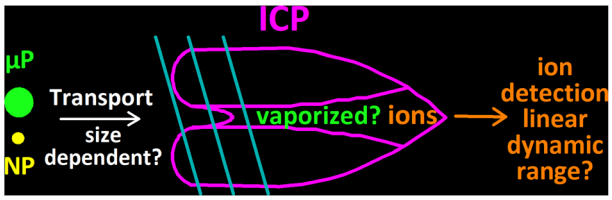

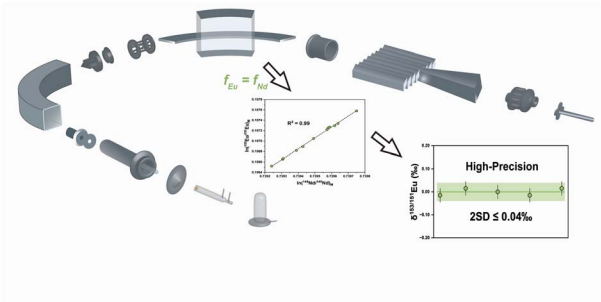

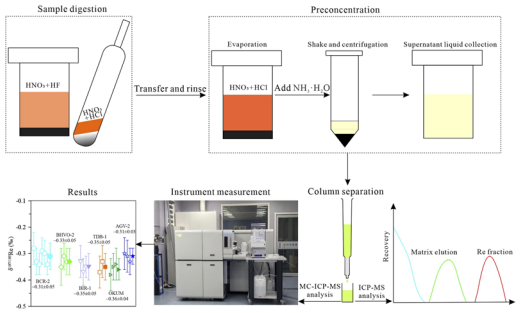

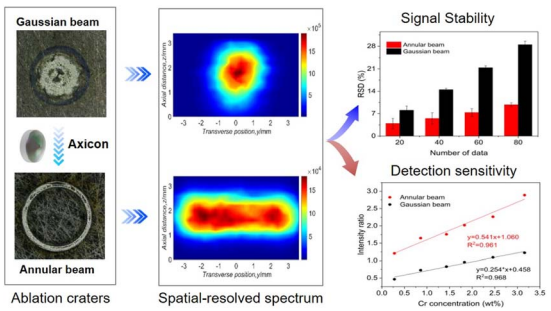

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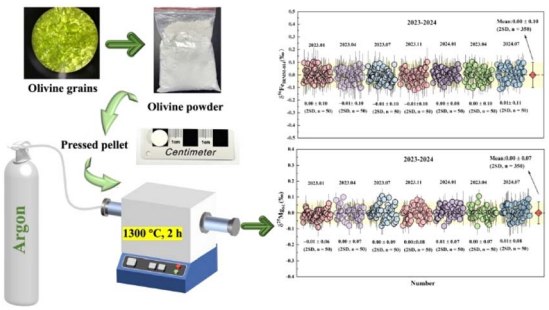

Synthesis of a new olivine reference material by a novel method for *in situ* iron and magnesium isotope analyses using laser ablation MC-ICP-MS

Xianli Zeng, Ming Li,* Wen Zhang,* Hongyun Jin, Yongsheng Liu, Zhaochu Hu, Tao Luo, Shengjun Yang, Zhenyan Liu and Jingyuan Wang

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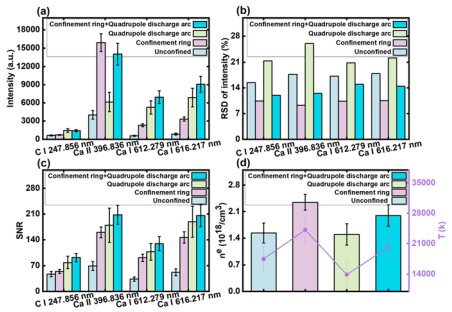

Accuracy enhancement of laser-induced breakdown spectroscopy using a combination of a confinement ring and quadrupole discharge arc

Kaiqiang Yu, Yeping Ren, Xiaodong Liu, Xiaoning Yang, Haohan Sun, An Li, Yumei Wu, Caihao Ding, Xianshuang Wang* and Ruibin Liu*

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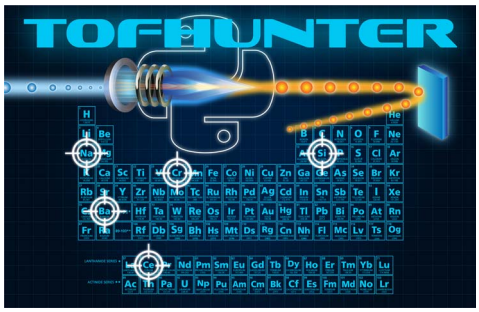

TOFHunter—unlocking rapid untargeted screening of inductively coupled plasma–time-of-flight–mass spectrometry data

Hunter B. Andrews,* Lyndsey Hendriks, Sawyer B. Irvine, Daniel R. Dunlap and Benjamin T. Manard