

Edward D Hoegg

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preliminary Figures of Merit for Isotope Ratio Measurements: The Liquid Sampling-Atmospheric Pressure Glow Discharge Microplasma Ionization Source Coupled to an Orbitrap Mass Analyzer. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1393-1403.	2.8	33
2	Isotope ratio characteristics and sensitivity for uranium determinations using a liquid sampling-atmospheric pressure glow discharge ion source coupled to an Orbitrap mass analyzer. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 2355-2362.	3.0	31
3	Ultra-High Resolution Elemental/Isotopic Mass Spectrometry (m/\bar{m} > 1,000,000): Coupling of the Liquid Sampling-Atmospheric Pressure Glow Discharge with an Orbitrap Mass Spectrometer for Applications in Biological Chemistry and Environmental Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1163-1168.	2.8	23
4	Initial Benchmarking of the Liquid Sampling-Atmospheric Pressure Glow Discharge-Orbitrap System Against Traditional Atomic Mass Spectrometry Techniques for Nuclear Applications. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 278-288.	2.8	23
5	Determination of uranium isotope ratios using a liquid sampling atmospheric pressure glow discharge/Orbitrap mass spectrometer system. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1534-1540.	1.5	20
6	Concomitant ion effects on isotope ratio measurements with liquid sampling atmospheric pressure glow discharge ion source Orbitrap mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 251-259.	3.0	19
7	Coupling of an atmospheric pressure microplasma ionization source with an Orbitrap Fusion Lumos Tribrid 1M mass analyzer for ultra-high resolution isotopic analysis of uranium. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1387-1395.	3.0	18
8	A multi-electrode glow discharge ionization source for atomic and molecular mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1969-1978.	3.0	16
9	Roles of collisional dissociation modalities on spectral composition and isotope ratio measurement performance of the liquid sampling atmospheric pressure glow discharge / orbitrap mass spectrometer coupling. <i>International Journal of Mass Spectrometry</i> , 2021, 464, 116572.	1.5	10
10	Proof-of-concept: Interfacing the liquid sampling-atmospheric pressure glow discharge ion source with a miniature quadrupole mass spectrometer towards trace metal analysis in cell culture media. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 2015-2020.	3.0	9
11	Resolving Severe Elemental Isobaric Interferences with a Combined Atomic and Molecular Ionization Source—Orbitrap Mass Spectrometry Approach: The ⁸⁷ Sr and ⁸⁷ Rb Geochronology Pair. <i>Analytical Chemistry</i> , 2021, 93, 11506-11514.	6.5	7
12	Combined atomic and molecular (CAM) ionization with the liquid sampling atmospheric pressure glow discharge microplasma. <i>Mass Spectrometry Reviews</i> , 2023, 42, 652-673.	5.4	7
13	Evaluation of the powering modes and geometries of the Liquid Sampling Atmospheric Pressure Glow Discharge Orbitrap system for analytical performance and isotope ratio analysis. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 176, 106044.	2.9	2