Elizabeth J Judge

List of Publications by Year
in descending order

21	538	759233	888059
papers	citations	12	17
		h-index	g-index

23	23	23	512
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Digestion and trace metal analysis of uranium nitride. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 209-214.	1.5	1
2	Uranium corrosion characterization by handheld laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 186, 106325.	2.9	2
3	Hydrodeoxygenation (HDO) of Biomass Derived Ketones Using Supported Transition Metals in a Continuous Reactor. ACS Sustainable Chemistry and Engineering, 2019, 7, 14521-14530.	6.7	15
4	Laser-induced breakdown spectroscopy of light water reactor simulated used nuclear fuel: Main oxide phase. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 133, 26-33.	2.9	21
5	Phase discrimination of uranium oxides using laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 134, 91-97.	2.9	22
6	Synthesis and characterization of surrogate nuclear explosion debris: urban glass matrix. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 197-206.	1.5	6
7	A simple and economical strategy for obtaining calibration plots for relative quantification of positional isomers of YYX/YXY triglycerides using high‐performance liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 1690-1698.	1.5	7
8	Analysis of geological materials containing uranium using laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2016, 120, 1-8.	2.9	40
9	Cerium Migration during PEM Fuel Cell Accelerated Stress Testing. Journal of the Electrochemical Society, 2016, 163, F1023-F1031.	2.9	76
10	Theoretical and experimental investigation of matrix effects observed in emission spectra of binary mixtures of sodium and copper and magnesium and copper pressed powders. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2016, 122, 142-148.	2.9	7
11	Limiting spectroscopic interferences of 239Pu and 237Np in a UO2 matrix using LA-ICP-MS. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 533-540.	1.5	3
12	Purification of precursors of Yb3+-doped YLF crystals by solvent extraction and electrochemical processing. , 2015, , .		3
13	Laser-induced breakdown spectroscopy measurements of uranium and thorium powders and uranium ore. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 83-84, 28-36.	2.9	46
14	Analysis and Spectral Assignments of Mixed Actinide Oxide Samples Using Laser-Induced Breakdown Spectroscopy (LIBS). Applied Spectroscopy, 2013, 67, 433-440.	2.2	39
15	Multidimensional detection of explosives and explosive signatures via laser electrospray mass spectrometry. , 2012, , .		4
16	Determination of Inorganic Improvised Explosive Device Signatures Using Laser Electrospray Mass Spectrometry Detection with Offline Classification. Analytical Chemistry, 2011, 83, 7115-7122.	6.5	48
17	Nonresonant Femtosecond Laser Vaporization with Electrospray Postionization for *ex vivo* Plant Tissue Typing Using Compressive Linear Classification. Analytical Chemistry, 2011, 83, 2145-2151.	6.5	29
18	Mass Analysis of Biological Macromolecules at Atmospheric Pressure Using Nonresonant Femtosecond Laser Vaporization and Electrospray Ionization. Analytical Chemistry, 2010, 82, 10203-10207.	6.5	32

#	Article	IF	Citations
19	Analysis of Pharmaceutical Compounds from Glass, Fabric, Steel, and Wood Surfaces at Atmospheric Pressure Using Spatially Resolved, Nonresonant Femtosecond Laser Vaporization Electrospray Mass Spectrometry. Analytical Chemistry, 2010, 82, 3231-3238.	6.5	56
20	Mass spectrometry of intact neutral macromolecules using intense nonâ€resonant femtosecond laser vaporization with electrospray postâ€ionization. Rapid Communications in Mass Spectrometry, 2009, 23, 3151-3157.	1.5	80
21	An initial exploration of Bayesian model calibration for estimating the composition of rocks and soils on Mars. Statistical Analysis and Data Mining, 0, , .	2.8	0