

Shalina C Bottorff

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

250
citations

1040056

9
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996975

15
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23
all docs

23
docs citations

23
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct isotopic analysis of solid uranium particulates on cotton swipes by microextraction-ICP-MS. <i>Analytica Chimica Acta</i> , 2022, 1209, 339836.	5.4	10
2	Determination of phosphorus and sulfur in uranium ore concentrates by triple quadrupole inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2021, 221, 121573.	5.5	13
3	Trace Elemental Analysis of Bulk Thorium Using an Automated Separation-Inductively Coupled Plasma Optical Emission Spectroscopy Methodology. <i>Applied Spectroscopy</i> , 2021, 75, 556-564.	2.2	2
4	Direct analysis of cotton swipes for plutonium isotope determination by microextraction-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2202-2209.	3.0	9
5	An approach to separating Pu, U, and Ti from high-purity graphite for isotopic analysis by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1150-1158.	3.0	3
6	Rapid and automated separation of uranium ore concentrates for trace element analysis by inductively coupled plasma optical emission spectroscopy/triple quadrupole mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 179, 106097.	2.9	16
7	Direct Uranium Isotopic Analysis of Swipe Surfaces by Microextraction-ICP-MS. <i>Analytical Chemistry</i> , 2021, 93, 11133-11139.	6.5	9
8	Reproducible automated renewable column generation. <i>Separation Science and Technology</i> , 2020, 55, 860-866.	2.5	1
9	Exploration of ICP platforms for measuring elemental impurities in uranium ore concentrates. <i>International Journal of Mass Spectrometry</i> , 2020, 455, 116378.	1.5	6
10	Determining P, S, Br, and I content in uranium by triple quadrupole inductively coupled plasma mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 395-402.	1.5	11
11	Rare Earth Element Determination in Uranium Ore Concentrates Using Online and Offline Chromatography Coupled to ICP-MS. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 55.	2.0	21
12	Evaluation and Specifications for In-Line Uranium Separations Using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) Detection for Trace Elemental Analysis. <i>Applied Spectroscopy</i> , 2019, 73, 927-935.	2.2	11
13	Optimization of uranium and plutonium separations using TEVA and UTEVA cartridges for MC-ICP-MS analysis of environmental swipe samples. <i>Talanta</i> , 2019, 198, 257-262.	5.5	29
14	Trace impurity analysis in uranium oxide via hybrid quantification techniques-gravimetric standard addition and isotope dilution mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 685-694.	1.5	11
15	Automated Separation of Uranium and Plutonium from Environmental Swipe Samples for Multiple Collector Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 9441-9448.	6.5	29
16	Recovery of rhodium with a novel soft donor ligand using solvent extraction techniques in chloride media. <i>Dalton Transactions</i> , 2016, 45, 3264-3267.	3.3	7
17	Cu-Free 1,3-Dipolar Cycloaddition Click Reactions To Form Isoxazole Linkers in Chelating Ligands for $[M^{I}(\text{CO})_3]^{+}$ Centers (M = Re, ^{99m}Tc). <i>Inorganic Chemistry</i> , 2014, 53, 1943-1945.	4.0	5
18	Clickable, Hydrophilic Ligand for $[M^{I}(\text{CO})_3]^{+}$ (M =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 25, 579-592.	3.6	36

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19	pH-Controlled Coordination Mode Rearrangements of "Clickable" Huisgen-Based Multidentate Ligands with $[M^I(CO)_3]^+$ (M = Re, ^{99m}Tc). <i>Inorganic Chemistry</i> , 2013, 52, 2939-2950.	4.0	20