# Shalina C Bottorff

List of Publications by Year
in descending order



| 19 | 250 | 1040056 9 | 996975 15 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 23 | 23 | 23 | 248 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Clickable, Hydrophilic Ligand for fac-[M<sup>I</sup>(CO)<sub>3</sub>]<sup>+</sup> (M =) Tj ETQq1 1 0.784314 rgBT /Ove<br>25, 579-592. | 3.6 | 36 |
| 2 | Automated Separation of Uranium and Plutonium from Environmental Swipe Samples for Multiple Collector Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2018, 90, 9441-9448. | 6.5 | 29 |
| 3 | Optimization of uranium and plutonium separations using TEVA and UTEVA cartridges for MC-ICP-MS analysis of environmental swipe samples. Talanta, 2019, 198, 257-262. | 5.5 | 29 |
| 4 | Rare Earth Element Determination in Uranium Ore Concentrates Using Online and Offline Chromatography Coupled to ICP-MS. Minerals (Basel, Switzerland), 2020, 10, 55. | 2.0 | 21 |
| 5 | pH-Controlled Coordination Mode Rearrangements of â€œClickableâ€•Huisgen-Based Multidentate Ligands with [M<sup>I</sup>(CO)<sub>3</sub>]<sup>+</sup> (M = Re, <sup>99m</sup>Tc). Inorganic Chemistry, 2013, 52, 2939-2950. | 4.0 | 20 |
| 6 | Rapid and automated separation of uranium ore concentrates for trace element analysis by inductively coupled plasma â€“ optical emission spectroscopy/triple quadrupole mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 179, 106097. | 2.9 | 16 |
| 7 | Determination of phosphorus and sulfur in uranium ore concentrates by triple quadrupole inductively coupled plasma mass spectrometry. Talanta, 2021, 221, 121573. | 5.5 | 13 |
| 8 | Trace impurity analysis in uranium oxide via hybrid quantification techniquesâ€”gravimetric standard addition and isotope dilution mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 685-694. | 1.5 | 11 |
| 9 | Evaluation and Specifications for In-Line Uranium Separations Using Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) Detection for Trace Elemental Analysis. Applied Spectroscopy, 2019, 73, 927-935. | 2.2 | 11 |
| 10 | Determining P, S, Br, and I content in uranium by triple quadrupole inductively coupled plasma mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2020, 324, 395-402. | 1.5 | 11 |
| 11 | Direct isotopic analysis of solid uranium particulates on cotton swipes by microextraction-ICP-MS. Analytica Chimica Acta, 2022, 1209, 339836. | 5.4 | 10 |
| 12 | Direct analysis of cotton swipes for plutonium isotope determination by microextraction-ICP-MS. Journal of Analytical Atomic Spectrometry, 2021, 36, 2202-2209. | 3.0 | 9 |
| 13 | Direct Uranium Isotopic Analysis of Swipe Surfaces by Microextraction-ICP-MS. Analytical Chemistry, 2021, 93, 11133-11139. | 6.5 | 9 |
| 14 | Recovery of rhodium with a novel soft donor ligand using solvent extraction techniques in chloride media. Dalton Transactions, 2016, 45, 3264-3267. | 3.3 | 7 |
| 15 | Exploration of ICP platforms for measuring elemental impurities in uranium ore concentrates. International Journal of Mass Spectrometry, 2020, 455, 116378. | 1.5 | 6 |
| 16 | Cu-Free 1,3-Dipolar Cycloaddition Click Reactions To Form Isoxazole Linkers in Chelating Ligands for fac-[M<sup>I</sup>(CO)<sub>3</sub>]<sup>+</sup> Centers (M = Re, <sup>99m</sup>Tc). Inorganic Chemistry, 2014, 53, 1943-1945. | 4.0 | 5 |
| 17 | An approach to separating Pu, U, and Ti from high-purity graphite for isotopic analysis by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2021, 36, 1150-1158. | 3.0 | 3 |
| 18 | Trace Elemental Analysis of Bulk Thorium Using an Automated Separationâ€“Inductively Coupled Plasma Optical Emission Spectroscopy Methodology. Applied Spectroscopy, 2021, 75, 556-564. | 2.2 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Reproducible automated renewable column generation. Separation Science and Technology, 2020, 55, 860-866. | 2.5 | 1 |