

Cedric Rivier

List of Publications by Year in descending order

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24
papers

130
citations

1307594

7
h-index

1281871

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24
all docs

24
docs citations

24
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Americium isotope analysis by Thermal Ionization Mass Spectrometry using the total evaporation method. <i>International Journal of Mass Spectrometry</i> , 2018, 431, 8-14.	1.5	19
2	Development and comparison of high accuracy thermal ionization mass spectrometry methods for uranium isotope ratios determination in nuclear fuel. <i>International Journal of Mass Spectrometry</i> , 2019, 438, 166-174.	1.5	17
3	Use of Normalized Relative Line Intensities for Qualitative and Semi-Quantitative Analysis in Inductively Coupled Plasma Atomic Emission Spectrometry Using a Custom Segmented-Array Charge-Coupled Device Detector. Part II: Applications to Qualitative Analysis with Line-Rich Matrices. <i>Applied Spectroscopy</i> , 1996, 50, 959-964.	2.2	13
4	Analytical Methodologies with Very Low Blank Levels: Implications for Practical and Empirical Evaluations of the Limit of Detection. <i>Analytical Letters</i> , 2006, 39, 1229-1241.	1.8	11
5	CETAMA Contribution to Safeguards and Nuclear Forensic Analysis based on Nuclear Reference Materials. <i>Procedia Chemistry</i> , 2012, 7, 709-715.	0.7	10
6	Use of an excess variance approach for the certification of reference materials by interlaboratory comparison. <i>Accreditation and Quality Assurance</i> , 2014, 19, 269-274.	0.8	9
7	Comparison of strategies to quantify uncertainty of lead measurements in biological tissue at mg kg ⁻¹ level. <i>Accreditation and Quality Assurance</i> , 2002, 7, 403-408.	0.8	8
8	Validation of analytical methods for nuclear spent fuel reprocessing. <i>Progress in Nuclear Energy</i> , 2014, 72, 115-118.	2.9	6
9	Development and comparison of two high accuracy methods for uranium concentration in nuclear fuel: ID-TIMS and K-edge densitometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 321, 997-1004.	1.5	6
10	High concentration measurements of U and Pu with nondestructive and standardless K-edge densitometer device. <i>X-Ray Spectrometry</i> , 2018, 47, 22-33.	1.4	5
11	²⁴³ Am certified reference material for mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 327, 495-504.	1.5	5
12	The importance of post-analysis data processing in ICP-AES: calibration adjustment and multi-line approaches. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1903-1909.	3.0	4
13	Laboratory analysis of CBRN-substances: Stakeholder networks as clue to higher CBRN resilience in Europe. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 85, 2-9.	11.4	3
14	Validation of gravimetry for high-accuracy analysis of uranium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 1831-1838.	1.5	3
15	Monte Carlo simulation for the evaluation of measurement uncertainty of spent fuel analytical results. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 302, 103-115.	1.5	2
16	Impact of Cesium decontamination on performances of high activity sample analysis. <i>Radiochimica Acta</i> , 2017, 105, 555-560.	1.2	2
17	Zr precipitation kinetics in irradiated fuel dissolution solution by TIMS and ICP-MS: a combined study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 2377-2382.	1.5	2
18	Contribution of an interlaboratory comparison to the certification of the STAM/IRMM-0243 ²⁴³ Am reference material. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 717-725.	1.5	2

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19	Development and Validation of Methods for the Analysis of Reprocessing Solvents: Role of CETAMA Working Group 24. <i>Procedia Chemistry</i> , 2012, 7, 703-708.	0.7	1
20	Impact of dissolution on the uncertainty of spent fuel analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 325-336.	1.5	1
21	Optimization of U and Pu traces separation by chromatography for analytical purposes: influence of U/Pu mass ratio. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 1253-1261.	1.5	1
22	Correction pour la mesure de la radioactivit� alpha des aerosols atmosph�riques pr�lev�s sur filtre. <i>Radioprotection</i> , 2009, 44, 21-40.	1.0	0
23	Are analytical standards and reagents really reliable?. <i>Accreditation and Quality Assurance</i> , 2016, 21, 41-46.	0.8	0
24	Characterizations of high-activity solid deposit samples from fission products tanks. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1675-1682.	1.5	0