Cedric Rivier

List of Publications by Year
in descending order

24	130	1307594 7	1281871 11
papers	citations	h-index	g-index

24	24	24	100
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	243Am certified reference material for mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2021, 327, 495-504.	1.5	5
2	Characterizations of high-activity solid deposit samples from fission products tanks. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1675-1682.	1.5	0
3	Development and comparison of two high accuracy methods for uranium concentration in nuclear fuel: ID-TIMS and K-edge densitometry. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 997-1004.	1.5	6
4	Contribution of an interlaboratory comparison to the certification of the STAM/IRMM-0243 243Am reference material. Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 717-725.	1.5	2
5	Development and comparison of high accuracy thermal ionization mass spectrometry methods for uranium isotope ratios determination in nuclear fuel. International Journal of Mass Spectrometry, 2019, 438, 166-174.	1.5	17
6	High concentration measurements of U and Pu with nondestructive and standardless K-edge densitometer device. X-Ray Spectrometry, 2018, 47, 22-33.	1.4	5
7	The importance of post-analysis data processing in ICP-AES: calibration adjustment and multi-line approaches. Journal of Analytical Atomic Spectrometry, 2018, 33, 1903-1909.	3.0	4
8	Optimization of U and Pu traces separation by chromatography for analytical purposes: influence of U/Pu mass ratio. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1253-1261.	1.5	1
9	Americium isotope analysis by Thermal Ionization Mass Spectrometry using the total evaporation method. International Journal of Mass Spectrometry, 2018, 431, 8-14.	1.5	19
10	Validation of gravimetry for high-accuracy analysis of uranium. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1831-1838.	1.5	3
11	Impact of Cesium decontamination on performances of high activity sample analysis. Radiochimica Acta, 2017, 105, 555-560.	1.2	2
12	Zr precipitation kinetics in irradiated fuel dissolution solution by TIMS and ICP-MS: a combined study. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 2377-2382.	1.5	2
13	Laboratory analysis of CBRN-substances: Stakeholder networks as clue to higher CBRN resilience in Europe. TrAC - Trends in Analytical Chemistry, 2016, 85, 2-9.	11.4	3
14	Are analytical standards and reagents really reliable?. Accreditation and Quality Assurance, 2016, 21, 41-46.	0.8	0
15	Monte Carlo simulation for the evaluation of measurement uncertainty of spent fuel analytical results. Journal of Radioanalytical and Nuclear Chemistry, 2014, 302, 103-115.	1.5	2
16	Use of an excess variance approach for the certification of reference materials by interlaboratory comparison. Accreditation and Quality Assurance, 2014, 19, 269-274.	0.8	9
17	Validation of analytical methods for nuclear spent fuel reprocessing. Progress in Nuclear Energy, 2014, 72, 115-118.	2.9	6
18	Impact of dissolution on the uncertainty of spent fuel analysis. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 325-336.	1.5	1

#	Article	IF	Citations
19	Development and Validation of Methods for the Analysis of Reprocessing Solvents: Role of CETAMA Working Group 24. Procedia Chemistry, 2012, 7, 703-708.	0.7	1
20	CETAMA Contribution to Safeguards and Nuclear Forensic Analysis based on Nuclear Reference Materials. Procedia Chemistry, 2012, 7, 709-715.	0.7	10
21	Correction pour la mesure de la radioactivitÃ© alpha des aÃ©rosols atmosphÃ©riques prÃ©levÃ©s sur filtre. Radioprotection, 2009, 44, 21-40.	1.0	0
22	Analytical Methodologies with Very Low Blank Levels: Implications for Practical and Empirical Evaluations of the Limit of Detection. Analytical Letters, 2006, 39, 1229-1241.	1.8	11
23	Comparison of strategies to quantify uncertainty of lead measurements in biological tissue at mg kg -1 level. Accreditation and Quality Assurance, 2002, 7, 403-408.	0.8	8
24	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. Applied Spectroscopy, 1996, 50, 959-964.	2.2	13