

# Rozle Jakopic

## List of Publications by Year in descending order

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21  
papers

302  
citations

1163117

8  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of $^{240}\text{Pu}/^{239}\text{Pu}$ , $^{241}\text{Pu}/^{239}\text{Pu}$ and $^{242}\text{Pu}/^{239}\text{Pu}$ isotope ratios in environmental reference materials and samples from Chernobyl by thermal ionization mass spectrometry (TIMS) and filament carburization. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 815.	3.0	58
2	Isotope ratio measurements of pg-size plutonium samples using TIMS in combination with $\alpha$ -multiple ion counting and filament carburization. <i>International Journal of Mass Spectrometry</i> , 2009, 279, 87-92.	1.5	52
3	Sequential determination of Pu and Am radioisotopes in environmental samples; a comparison of two separation procedures. <i>Applied Radiation and Isotopes</i> , 2007, 65, 504-511.	1.5	39
4	Preparation of $^{240}\text{Pu}$ and $^{242}\text{Pu}$ targets to improve cross-section measurements for advanced reactors and fuel cycles. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 1093-1098.	1.5	26
5	A combined method for the determination of the isotopic vector of plutonium isotopes in environmental samples. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 276, 789-793.	1.5	25
6	An inter-calibration campaign using various selected Pu spike isotopic reference materials. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 286, 449-454.	1.5	16
7	IRMM-1000a and IRMM-1000b uranium reference materials certified for the production date. Part I: methodology, preparation and target characteristics. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 1077-1085.	1.5	16
8	Certified reference materials and reference methods for nuclear safeguards and security. <i>Journal of Environmental Radioactivity</i> , 2013, 125, 17-22.	1.7	13
9	Verification measurements of the IRMM-1027 and the IAEA large-sized dried (LSD) spikes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 1781-1791.	1.5	10
10	REIMEP-22 inter-laboratory comparison: $^{235}\text{U}$ Age Dating determination of the production date of a uranium certified test sample. <i>Radiochimica Acta</i> , 2015, 103, 825-834.	1.2	8
11	IRMM-1000a and IRMM-1000b: uranium reference materials certified for the production date based on the $^{230}\text{Th}/^{234}\text{U}$ radiochronometer. Part II: certification. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 105-111.	1.5	7
12	Long-term stability of cellulose acetate butyrate thin films for nuclear certified reference materials. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 877-886.	1.5	7
13	Absolute and relative measurement of the $^{243}\text{Am}$ half-life. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1785-1793.	1.5	5
14	Preparation and characterisation of uranium and plutonium quality control samples for isotope dilution mass spectrometry measurements and uncertainty estimation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 327, 1305-1316.	1.5	5
15	$^{243}\text{Am}$ certified reference material for mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 327, 495-504.	1.5	5
16	Results of the REIMEP-17 interlaboratory comparison for the measurement of the U and Pu amount content and isotope amount ratios in the synthetic dissolved spent nuclear fuel solution. <i>Accreditation and Quality Assurance</i> , 2015, 20, 421-429.	0.8	3
17	Contribution of an interlaboratory comparison to the certification of the STAM/IRMM-0243 $^{243}\text{Am}$ reference material. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 717-725.	1.5	2
18	30 years of IRMM-1027 reference materials for fissile material accountancy and control: development, production and characterisation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 333-345.	1.5	2

#	ARTICLE	IF	CITATIONS
19	Research on long-term stability of mixed U and Pu large-sized dried (LSD) spikes for fissile material control. Progress in Nuclear Science and Technology, 2018, 5, 48-51.	0.3	2
20	Embedding matrices to extend the shelf life of reference materials 1: Cellulose acetate butyrate. Polymer Degradation and Stability, 2022, 202, 110024.	5.8	1
21	Stability monitoring of selected spike isotopic reference materials for isotope dilution mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 0, , 1.	1.5	0