

Rozle Jakopic

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

302
citations

1163117

8
h-index

888059

17
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21
all docs

21
docs citations

21
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Embedding matrices to extend the shelf life of reference materials 1: Cellulose acetate butyrate. <i>Polymer Degradation and Stability</i> , 2022, 202, 110024.	5.8	1
2	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
3	²⁴³ Am certified reference material for mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 327, 495-504.	1.5	5
4	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
5	Absolute and relative measurement of the ²⁴³ Am half-life. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1785-1793.	1.5	5
6	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
7	Research on long-term stability of mixed U and Pu large-sized dried (LSD) spikes for fissile material control. <i>Progress in Nuclear Science and Technology</i> , 2018, 5, 48-51.	0.3	2
8	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
9	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
10	IRMM-1000a and IRMM-1000b: uranium reference materials certified for the production date based on the ²³⁰ Th/ ²³⁴ U radiochronometer. Part II: certification. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 105-111.	1.5	7
11	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
12	REIMEP-22 inter-laboratory comparison: ²³⁵ 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
13	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
14	Preparation of ²⁴⁰ Pu and ²⁴² 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
15	Certified reference materials and reference methods for nuclear safeguards and security. <i>Journal of Environmental Radioactivity</i> , 2013, 125, 17-22.	1.7	13
16	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
17	Determination of ²⁴⁰ Pu/ ²³⁹ Pu, ²⁴¹ Pu/ ²³⁹ Pu and ²⁴² Pu/ ²³⁹ 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
18	Isotope ratio measurements of pg-size plutonium samples using TIMS in combination with multiple ion counting and filament carburization. <i>International Journal of Mass Spectrometry</i> , 2009, 279, 87-92.	1.5	52

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Stability monitoring of selected spike isotopic reference materials for isotope dilution mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 0, , 1.	1.5	0