

Ryszard Broda

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Standardization of an ⁵⁵ Fe solution using the TDCR method in POLATOM as part of the CCRI (II)-K2.Fe-55.2019 key comparison. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 3241-3248.	1.5	2
2	The new international reference system for pure $\hat{1}\pm$ - and pure $\hat{1}^2$ -emitting radionuclides and some electron capture decaying radionuclides by liquid scintillation counting. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 3221-3230.	1.5	9
3	The CCRI(II)-K2.Fe-55.2019 key comparison of activity concentration measurements of a ⁵⁵ Fe solution. Metrologia, 2021, 58, 06010.	1.2	4
4	The international reference system for pure $\hat{1}^2$ -particle emitting radionuclides: an investigation of the reproducibility of the results. Metrologia, 2020, 57, 035009.	1.2	15
5	Comparison of digital coincidence modules used at POLATOM and PTB for TDCR and $\hat{4}\hat{1}^2(\text{LS})-\hat{1}^3$ coincidence counters. Applied Radiation and Isotopes, 2020, 164, 109231.	1.5	2
6	A new coincidence module using pulse-mixing method applied in the $\hat{4}\hat{1}^2(\text{LS})-\hat{1}^3$ coincidence system with TDCR detector. Applied Radiation and Isotopes, 2020, 159, 109081.	1.5	1
7	Comparison of ¹³¹ I activity measurements at the NCBJ RC POLATOM and the ENEA-INMRI linked to the BIPM SIR system. Applied Radiation and Isotopes, 2018, 134, 380-384.	1.5	2
8	Preparation method and quality control of multigamma volume sources with different matrices. Applied Radiation and Isotopes, 2018, 134, 126-130.	1.5	0
9	Bilateral comparison of ¹⁴ C activity measurements at the NCBJ RC POLATOM and the ENEA-INMRI. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 721-725.	1.5	0
10	A new $\hat{4}\hat{1}^2(\text{LS})-\hat{1}^3$ coincidence counter at NCBJ RC POLATOM with TDCR detector in the beta channel. Applied Radiation and Isotopes, 2016, 109, 290-295.	1.5	17
11	REALISATION OF RADIONUCLIDES ACTIVITY UNIT USING THE LIQUID SCINTILLATION COUNTING (LSC). Informatyka Automatyka Pomiary W Gospodarce I Ochronie Āsrodowiska, 2016, 6, 28-31.	0.4	1
12	Uncertainty determination for activity measurements by means of the TDCR method and the CIEMAT/NIST efficiency tracing technique. Metrologia, 2015, 52, S172-S190.	1.2	37
13	Standardization of Sm-153 solution by absolute methods. Applied Radiation and Isotopes, 2014, 87, 19-23.	1.5	4
14	Standardization of a ⁸⁵ Sr solution by three methods. Applied Radiation and Isotopes, 2012, 70, 2222-2226.	1.5	3
15	Comparison of ⁹⁹ Tcm and ¹³¹ I in Polish hospitals, 2007. Applied Radiation and Isotopes, 2010, 68, 1278-1281.	1.5	3
16	Comparison of triple-to-double coincidence ratio (TDCR) efficiency calculations and uncertainty assessments for ⁹⁹ Tc. Applied Radiation and Isotopes, 2010, 68, 1477-1481.	1.5	12
17	Some remarks on photons statistics in the LS-counter. Applied Radiation and Isotopes, 2008, 66, 1062-1066.	1.5	6
18	Radionuclide metrology using liquid scintillation counting. Metrologia, 2007, 44, S36-S52.	1.2	238

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19	The IFIN-HH triple coincidence liquid scintillation counter. Applied Radiation and Isotopes, 2006, 64, 1510-1514.	1.5	16
20	Statistics of the LS-detector in the case of low counting efficiency. Applied Radiation and Isotopes, 2004, 60, 453-458.	1.5	10
21	Application of the Triple-to-Double Coincidence Ratio Method at National Institute of Standards and Technology for Absolute Standardization of Radionuclides by Liquid Scintillation Counting. ACS Symposium Series, 2003, , 76-87.	0.5	6
22	A review of the triple-to-double coincidence ratio (TDCR) method for standardizing radionuclides. Applied Radiation and Isotopes, 2003, 58, 585-594.	1.5	66
23	Study of the influence of the LS-cocktail composition for the standardisation of radionuclides using the TDCR model. Applied Radiation and Isotopes, 2002, 56, 285-289.	1.5	24
24	Multi-method of standardization of radionuclides with a triangular scheme of disintegration. Applied Radiation and Isotopes, 2002, 56, 281-284.	1.5	2
25	Analysis of detection-efficiency variation techniques for the implementation of the TDCR method in liquid scintillation counting. Applied Radiation and Isotopes, 2000, 52, 643-648.	1.5	38
26	A simple computing program for application of the TDCR method to standardization of pure-beta emitters. Applied Radiation and Isotopes, 2000, 52, 673-678.	1.5	26
27	Study of the stability of ⁶³ Ni sources in Ultima Gold [®] liquid scintillation cocktail. Applied Radiation and Isotopes, 1998, 49, 1041-1047.	1.5	7
28	International comparison of measurements of the specific activity of tritiated water. Applied Radiation and Isotopes, 1998, 49, 1411-1416.	1.5	17
29	Standardization of ¹³⁹ Ce by the liquid scintillation counting using the triple to double coincidence ratio method. Applied Radiation and Isotopes, 1998, 49, 1035-1040.	1.5	9
30	Comparison of activity concentration measurement of ⁶³ Ni and ⁵⁵ Fe in the framework of the EUROMET 297 project. Applied Radiation and Isotopes, 1998, 49, 1403-1410.	1.5	27
31	The enhanced triple to double coincidence ratio (ETDCR) method for standardization of radionuclides by liquid scintillation counting. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 312, 85-89.	1.6	36
32	Calculation of liquid-scintillation detector efficiency. International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes, 1988, 39, 159-164.	0.5	69
33	Standardization of pure beta emitters by liquid-scintillation counting. International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes, 1988, 39, 165-172.	0.5	69