

Mauro S Dias

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Monte Carlo simulation to the prediction of extrapolation curves in the coincidence technique. Applied Radiation and Isotopes, 2006, 64, 1186-1192.	1.5	24
2	Cascade summing corrections for HPGe spectrometers by the Monte Carlo method. Applied Radiation and Isotopes, 2002, 56, 105-109.	1.5	21
3	Coincidence system for standardization of radionuclides using a 4π plastic scintillator detector. Applied Radiation and Isotopes, 2003, 58, 239-244.	1.5	15
4	Determination of the neutron spectrum shape parameter \hat{I}_{\pm} in k0 NAA methodology using covariance analysis. Applied Radiation and Isotopes, 2010, 68, 592-595.	1.5	12
5	Developing ^{152}Eu into a standard for detector efficiency calibration. Applied Radiation and Isotopes, 2004, 60, 283-287.	1.5	11
6	Standardization of ^{18}F by Means of $4\pi(\text{m PS})\eta\text{-}\gamma$ Plastic Scintillator Coincidence System. IEEE Transactions on Nuclear Science, 2008, 55, 1767-1773.	2.0	11
7	Standardization and measurement of gamma-ray probability per decay of ^{177}Lu . Applied Radiation and Isotopes, 2010, 68, 1349-1353.	1.5	10
8	Determination of ^{51}Cr and ^{241}Am X-ray and gamma-ray emission probabilities per decay. Applied Radiation and Isotopes, 2010, 68, 596-599.	1.5	9
9	Measurement of the gamma-ray probability per decay of ^{42}K . Applied Radiation and Isotopes, 2001, 54, 443-446.	1.5	8
10	Standardization of a ^{204}Tl radioactive solution. Applied Radiation and Isotopes, 2003, 58, 235-238.	1.5	7
11	Standardization of ^{241}Am solution. Applied Radiation and Isotopes, 2006, 64, 1238-1241.	1.5	7
12	Measurement of the Thermal Neutron Capture Cross Section of ^{137}Cs . Radiochimica Acta, 1998, 83, 117-120.	1.2	6
13	The interplay between the statistical correlations of \hat{I}^3 -ray emission probabilities and efficiency calibration. Applied Radiation and Isotopes, 2004, 60, 185-190.	1.5	6
14	Disintegration rate measurement of a ^{192}Ir solution. Applied Radiation and Isotopes, 2001, 54, 141-145.	1.5	5
15	Disintegration rate measurement of A ^{152}Eu solution. Applied Radiation and Isotopes, 2002, 56, 441-445.	1.5	5
16	$^{57}\text{Co}(n, \hat{I}^3)^{58}\text{Co}$ reaction cross section: Thermal and resonance integral measurements and energy dependence. Physical Review C, 2004, 70, .	2.9	5
17	Disintegration rate measurement of ^{182}Ta . Applied Radiation and Isotopes, 2008, 66, 934-936.	1.5	4
18	Primary standardization of ^{57}Co . Applied Radiation and Isotopes, 2010, 68, 1344-1348.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Absolute measurement of sources activities in the cross-section determination – Improvement by simulation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 553, 559-568.	1.6	3
20	⁴¹ K(<i>n</i> , <i>i</i>) ⁴² K thermal and resonance integral cross section measurements. Radiochimica Acta, 2012, 100, 871-878.	1.2	3
21	A coincidence system for radionuclide standardization using surface barrier detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 280, 327-331.	1.6	2
22	Monte Carlo simulation to positron emitter standardized by means of ⁴¹ Ca- ⁴² K coincidence system – Application to ²² Na. Applied Radiation and Isotopes, 2010, 68, 1362-1366.	1.5	2
23	Monte Carlo simulation of activity measurements by means of 4-pb-g coincidence system. Brazilian Journal of Physics, 2004, 34, 852-854.	1.4	2
24	Efficiency loss in HPCe detectors due to beta and gamma sum coincidence. Brazilian Journal of Physics, 2005, 35, 754.	1.4	1