Mauro S Dias

List of Publications by Year
in descending order

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24	183	1163117 8	1199594 12
papers	citations	h-index	g-index

24	24	24	99
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	⁴¹K(n,Î³)⁴²K thermal and resonance integral cross section measurements. Radiochimica Acta, 2012, 100, 871-878.	1.2	3
2	Determination of the neutron spectrum shape parameter Î± in k0 NAA methodology using covariance analysis. Applied Radiation and Isotopes, 2010, 68, 592-595.	1.5	12
3	Determination of 51Cr and 241Am X-ray and gamma-ray emission probabilities per decay. Applied Radiation and Isotopes, 2010, 68, 596-599.	1.5	9
4	Primary standardization of 57Co. Applied Radiation and Isotopes, 2010, 68, 1344-1348.	1.5	4
5	Monte Carlo simulation to positron emitter standardized by means of 4Ï€Î²-Î³ coincidence systemâ€"Application to 22Na. Applied Radiation and Isotopes, 2010, 68, 1362-1366.	1.5	2
6	Standardization and measurement of gamma-ray probability per decay of 177Lu. Applied Radiation and Isotopes, 2010, 68, 1349-1353.	1.5	10
7	Disintegration rate measurement of 182Ta. Applied Radiation and Isotopes, 2008, 66, 934-936.	1.5	4
8	Standardization of ^{18}F by Means of $4pi({m PS})eta-gamma$ Plastic Scintillator Coincidence System. IEEE Transactions on Nuclear Science, 2008, 55, 1767-1773.	2.0	11
9	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
10	Standardization of 241Am solution. Applied Radiation and Isotopes, 2006, 64, 1238-1241.	1.5	7
11	Absolute measurement of sources activities in the cross-section determinationâ€"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
12	Efficiency loss in HPGe detectors due to beta and gamma sum coincidence. Brazilian Journal of Physics, 2005, 35, 754.	1.4	1
13	Co57(n,Î³)Co58reaction cross section: Thermal and resonance integral measurements and energy dependence. Physical Review C, 2004, 70, .	2.9	5
14	The interplay between the statistical correlations of Î³-ray emission probabilities and efficiency calibration. Applied Radiation and Isotopes, 2004, 60, 185-190.	1.5	6
15	Developing 152Eu into a standard for detector efficiency calibration. Applied Radiation and Isotopes, 2004, 60, 283-287.	1.5	11
16	Monte Carlo simulation of activity measurements by means of 4<FONT FACE=Symbol>pb-g</FONT> coincidence system. Brazilian Journal of Physics, 2004, 34, 852-854.	1.4	2
17	Standardization of a 204Tl radioactive solution. Applied Radiation and Isotopes, 2003, 58, 235-238.	1.5	7
18	Coincidence system for standardization of radionuclides using a 4Ï€ plastic scintillator detector. Applied Radiation and Isotopes, 2003, 58, 239-244.	1.5	15

#	Article	IF	Citations
19	Cascade summing corrections for HPGe spectrometers by the Monte Carlo method. Applied Radiation and Isotopes, 2002, 56, 105-109.	1.5	21
20	Disintegration rate measurement of A 152Eu solution. Applied Radiation and Isotopes, 2002, 56, 441-445.	1.5	5
21	Disintegration rate measurement of a 192Ir solution. Applied Radiation and Isotopes, 2001, 54, 141-145.	1.5	5
22	Measurement of the gamma-ray probability per decay of 42K. Applied Radiation and Isotopes, 2001, 54, 443-446.	1.5	8
23	Measurement of the Thermal Neutron Capture Cross Section of Cs-137. Radiochimica Acta, 1998, 83, 117-120.	1.2	6
24	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