

Valerie Lourenco

List of Publications by Year in descending order

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1040056

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docs citations

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583
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of alpha-emitting large area radioactive surface sources tailored for decommissioning. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, , 166732.	1.6	1
2	New approaches for interlaboratory comparisons analysis using dark uncertainty applied to radioactive materials. Talanta, 2022, , 123394.	5.5	0
3	Measurement of the absolute gamma-ray emission intensities from the decay of ^{103}Pd . Applied Radiation and Isotopes, 2021, 167, 109298.	1.5	1
4	Measurement of the absolute gamma-ray emission intensities from the decay of ^{147}Nd . Applied Radiation and Isotopes, 2020, 166, 109349.	1.5	1
5	Spectral unmixing applied to fast identification of $\hat{\text{I}}^3$ -emitting radionuclides using NaI(Tl) detectors. Applied Radiation and Isotopes, 2020, 158, 109068.	1.5	5
6	Metrological characterization of the GAMPIX gamma camera. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 944, 162568.	1.6	10
7	Activity measurements and determination of nuclear decay data of ^{166}Ho in the MRTDosimetry project. Applied Radiation and Isotopes, 2019, 153, 108826.	1.5	10
8	Measurement of absolute K X-ray emission intensities in the decay of $^{103\text{m}}\text{Rh}$. Applied Radiation and Isotopes, 2018, 134, 399-405.	1.5	5
9	The half-life of ^{129}I . Applied Radiation and Isotopes, 2018, 140, 157-162.	1.5	15
10	Determination of X- and gamma-ray emission intensities in the decay of ^{131}I . Applied Radiation and Isotopes, 2016, 109, 154-159.	1.5	4
11	Real-time radionuclide identification in $\hat{\text{I}}^3$ -emitter mixtures based on spiking neural network. Applied Radiation and Isotopes, 2016, 109, 405-409.	1.5	29
12	Investigation of the response variability of ionization chambers for the standard transfer of SIR-Spheres $\hat{\text{A}}^{\circ}$. Applied Radiation and Isotopes, 2016, 109, 231-235.	1.5	5
13	Weighing uncertainties in quantitative source preparation for radionuclide metrology. Metrologia, 2015, 52, S18-S29.	1.2	21
14	Determination of the ^{151}Sm half-life. Radiochimica Acta, 2015, 103, 619-626.	1.2	8
15	Primary standardization of SIR-Spheres based on the dissolution of the ^{90}Y -labeled resin microspheres. Applied Radiation and Isotopes, 2015, 97, 170-176.	1.5	15
16	Results of the EURAMET.RI(II)-S6.I-129 supplementary comparison. Metrologia, 2015, 52, 06017-06017.	1.2	2
17	Results of the EURAMET.RI(II)- S7.Sm-151 supplementary comparison (EURAMET Project 1292). Metrologia, 2015, 52, 06016-06016.	1.2	1
18	Results of the EURAMET.RI(II)-K2.Ho-166m activity comparison. Metrologia, 2014, 51, 06021-06021.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Photon emission intensities in the decay of ^{108}mAg and ^{110}mAg . <i>Applied Radiation and Isotopes</i> , 2014, 87, 101-106.	1.5	8
20	Preparation of spiked grass for use as an environmental radioactivity reference material. <i>Applied Radiation and Isotopes</i> , 2014, 87, 456-460.	1.5	4
21	Absorbed dose to water distribution measured around an HDR192Ir brachytherapy source by thermoluminescent dosimeters. <i>Metrologia</i> , 2012, 49, S228-S230.	1.2	4
22	Calibration of helical tomotherapy machine using EPR/alanine dosimetry. <i>Medical Physics</i> , 2011, 38, 1168-1177.	3.0	14
23	Dose verification and calibration of the Cyberknife [®] by EPR/alanine dosimetry. <i>Radiation Measurements</i> , 2011, 46, 952-957.	1.4	274
24	Supplementary comparison CCRI(I)-S2 of standards for absorbed dose to water in ^{60}Co gamma radiation at radiation processing dose levels. <i>Metrologia</i> , 2011, 48, 06009-06009.	1.2	8
25	Bilateral comparison of an alanine/ESR dosimetry system at radiotherapy dose levels. <i>Radiation Measurements</i> , 2010, 45, 789-796.	1.4	4
26	A methodology for choosing parameters for ESR readout of alanine dosimeters for radiotherapy. <i>Radiation Physics and Chemistry</i> , 2009, 78, 782-790.	2.8	19
27	Current and future radionuclide speciation studies in biological media. <i>Radiation Protection Dosimetry</i> , 2007, 127, 97-102.	0.8	20