Laura Arcidiacono

List of Publications by Year
in descending order

21	229	1040056 9	996975 15
papers	citations	h-index	g-index

21	21	21	242
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measurement of the neutron flux at spallation sources using multi-foil activation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 902, 14-24.	1.6	36
2	Aggregation States of AÎ²1â€“40, AÎ²1â€“42 and AÎ²p3â€“42 Amyloid Beta Peptides: A SANS Study. International Journal of Molecular Sciences, 2019, 20, 4126.	4.1	23
3	Isotope identification capabilities using time resolved prompt gamma emission from epithermal neutrons. Journal of Instrumentation, 2016, 11, C03060-C03060.	1.2	19
4	Neutrons for Cultural Heritageâ€”Techniques, Sensors, and Detection. Sensors, 2020, 20, 502.	3.8	19
5	VESUVIO+: The Current Testbed for a Next-generation Epithermal Neutron Spectrometer. Journal of Physics: Conference Series, 2018, 1021, 012026.	0.4	18
6	Egyptian metallic inks on textiles from the 15th century BCE unravelled by non-invasive techniques and chemometric analysis. Scientific Reports, 2019, 9, 7310.	3.3	17
7	Compositional studies of functional orthodontic archwires using prompt-gamma activation analysis at a pulsed neutron source. Journal of Analytical Atomic Spectrometry, 2017, 32, 1420-1427.	3.0	14
8	A neutron study of sealed pottery from the grave-goods of Kha and Merit. Journal of Analytical Atomic Spectrometry, 2017, 32, 1342-1347.	3.0	14
9	Egyptian Grave Goods of Kha and Merit Studied by Neutron and Gamma Techniques. Angewandte Chemie - International Edition, 2018, 57, 7375-7379.	13.8	11
10	Optimization of detection strategies for epithermal neutron spectroscopy using photon-sensitive detectors. Review of Scientific Instruments, 2019, 90, 073901.	1.3	9
11	Characterization of Î³-ray background at IMAT beamline of ISIS Spallation Neutron Source. Journal of Instrumentation, 2017, 12, P08005-P08005.	1.2	8
12	Cu-based alloys as a benchmark for T-PGAA quantitative analysis at spallation neutron sources. Journal of Analytical Atomic Spectrometry, 2020, 35, 331-340.	3.0	8
13	FLUKA simulations and benchmark measurements of the YAP(Ce) scintillators installed on the VESUVIO spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 969, 164012.	1.6	7
14	Enhancement of counting statistics and noise reduction in the forward-scattering detectors on the VESUVIO spectrometer. Journal of Physics: Conference Series, 2018, 1055, 012008.	0.4	6
15	Gamma background characterization on VESUVIO: before and after the moderator upgrade. Journal of Physics: Conference Series, 2018, 1055, 012009.	0.4	6
16	SANS study of Amyloid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e303" altimg="si64.gif"><mml:msub><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:msub><mml:mo>â^’</mml:mo> Unfolded monomers in DMSO, multidimensional aggregates in water medium. Physica A: Statistical Mechanics and Its Applications, 2019, 517, 385-391.	2.6	4
17	Absolute efficiency calibration of a coaxial HPGe detector for quantitative PGAA and T-PGAA. Journal of Physics: Conference Series, 2018, 1055, 012010.	0.4	3
18	Validation of a new data-analysis software for multiple-peak analysis of Î³ spectra at ISIS pulsed Neutron and Muon Source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 938, 51-55.	1.6	3

#	Article	IF	Citations
19	Egyptian Grave Goods of Kha and Merit Studied by Neutron and Gamma Techniques. Angewandte Chemie, 2018, 130, 7497-7501.	2.0	2
20	Neutron Diffraction and (n, Î³)-Based Techniques for Cultural Heritage. , 2019, , 61-77.		2
21	Effect of coating systems as a barrier to humidity for lutherie woods studied by neutron radiography. Journal of Cultural Heritage, 2020, 43, 255-260.	3.3	0