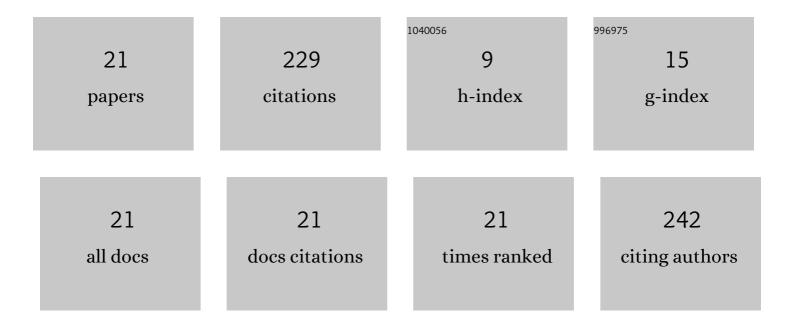
## Laura Arcidiacono

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4316507/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	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
3	Neutrons for Cultural Heritage—Techniques, Sensors, and Detection. Sensors, 2020, 20, 502.	3.8	19
4	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
5	Optimization of detection strategies for epithermal neutron spectroscopy using photon-sensitive detectors. Review of Scientific Instruments, 2019, 90, 073901.	1.3	9
6	Aggregation States of Al̂²1–40, Al̂²1–42 and Al̂²p3–42 Amyloid Beta Peptides: A SANS Study. International Journal of Molecular Sciences, 2019, 20, 4126.	4.1	23
7	Validation of a new data-analysis software for multiple-peak analysis of Î <sup>3</sup> 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
8	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
9	SANS study of Amyloid <mml:math display="inline&lt;br" xmins:mml="http://www.w3.org/1998/Math/Math/MathML">overflow="scroll" id="d1e303" altimg="si64.gif"&gt;<mml:msub><mml:mrow><mml:mi>Î<sup>2</sup></mml:mi></mml:mrow><mml:mrow><mml:mn>1Unfolded monomers in DMSO, multidimensional aggregates in water medium. Physica A: Statistical</mml:mn></mml:mrow></mml:msub></mml:math>	n <b>21.6</b> ≺mml	l:rno>â^'
10	Neutron Diffraction and (n, $\hat{I}^3$ )-Based Techniques for Cultural Heritage. , 2019, , 61-77.		2
11	Egyptian Grave Goods of Kha and Merit Studied by Neutron and Gamma Techniques. Angewandte Chemie - International Edition, 2018, 57, 7375-7379.	13.8	11
12	Egyptian Grave Goods of Kha and Merit Studied by Neutron and Gamma Techniques. Angewandte Chemie, 2018, 130, 7497-7501.	2.0	2
13	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
14	VESUVIO+: The Current Testbed for a Next-generation Epithermal Neutron Spectrometer. Journal of Physics: Conference Series, 2018, 1021, 012026.	0.4	18
15	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
16	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
17	Gamma background characterization on VESUVIO: before and after the moderator upgrade. Journal of Physics: Conference Series, 2018, 1055, 012009.	0.4	6
18	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

#	Article	IF	CITATIONS
19	Characterization of $\hat{I}^3$ -ray background at IMAT beamline of ISIS Spallation Neutron Source. Journal of Instrumentation, 2017, 12, P08005-P08005.	1.2	8
20	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
21	lsotope identification capabilities using time resolved prompt gamma emission from epithermal neutrons. Journal of Instrumentation, 2016, 11, C03060-C03060.	1.2	19