

Laura Arcidiacono

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

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1040056

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docs citations

21
times ranked

242
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Cu-based alloys as a benchmark for T-PGAA quantitative analysis at spallation neutron sources. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 331-340. | 3.0 | 8 |
| 2 | Effect of coating systems as a barrier to humidity for lutherie woods studied by neutron radiography. <i>Journal of Cultural Heritage</i> , 2020, 43, 255-260. | 3.3 | 0 |
| 3 | Neutrons for Cultural Heritage – Techniques, Sensors, and Detection. <i>Sensors</i> , 2020, 20, 502. | 3.8 | 19 |
| 4 | FLUKA simulations and benchmark measurements of the YAP(Ce) scintillators installed on the VESUVIO spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 969, 164012. | 1.6 | 7 |
| 5 | Optimization of detection strategies for epithermal neutron spectroscopy using photon-sensitive detectors. <i>Review of Scientific Instruments</i> , 2019, 90, 073901. | 1.3 | 9 |
| 6 | Aggregation States of A β 1-40, A β 1-42 and A β 3-42 Amyloid Beta Peptides: A SANS Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4126. | 4.1 | 23 |
| 7 | Validation of a new data-analysis software for multiple-peak analysis of \hat{I}^3 spectra at ISIS pulsed Neutron and Muon Source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 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. <i>Scientific Reports</i> , 2019, 9, 7310. | 3.3 | 17 |
| 9 | SANS study of Amyloid β 1-40, β 1-42 and β 3-42 Amyloid Beta Peptides: A SANS Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4126. Unfolded monomers in DMSO, multidimensional aggregates in water medium. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 517, 385-391. | 4.1 | 23 |
| 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. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7375-7379. | 13.8 | 11 |
| 12 | Egyptian Grave Goods of Kha and Merit Studied by Neutron and Gamma Techniques. <i>Angewandte Chemie</i> , 2018, 130, 7497-7501. | 2.0 | 2 |
| 13 | Absolute efficiency calibration of a coaxial HPGe detector for quantitative PGAA and T-PGAA. <i>Journal of Physics: Conference Series</i> , 2018, 1055, 012010. | 0.4 | 3 |
| 14 | VESUVIO+: The Current Testbed for a Next-generation Epithermal Neutron Spectrometer. <i>Journal of Physics: Conference Series</i> , 2018, 1021, 012026. | 0.4 | 18 |
| 15 | Measurement of the neutron flux at spallation sources using multi-foil activation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 902, 14-24. | 1.6 | 36 |
| 16 | Enhancement of counting statistics and noise reduction in the forward-scattering detectors on the VESUVIO spectrometer. <i>Journal of Physics: Conference Series</i> , 2018, 1055, 012008. | 0.4 | 6 |
| 17 | Gamma background characterization on VESUVIO: before and after the moderator upgrade. <i>Journal of Physics: Conference Series</i> , 2018, 1055, 012009. | 0.4 | 6 |
| 18 | Compositional studies of functional orthodontic archwires using prompt-gamma activation analysis at a pulsed neutron source. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1420-1427. | 3.0 | 14 |

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|----|--|-----|-----------|
| 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 | Isotope identification capabilities using time resolved prompt gamma emission from epithermal neutrons. Journal of Instrumentation, 2016, 11, C03060-C03060. | 1.2 | 19 |