

Mona Tohamy

List of Publications by Year in descending order

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48
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Thermal/Fast Fission Yield Ratio Signature for Neutron Interrogation of Nuclear Materials. Physics of Particles and Nuclei Letters, 2022, 19, 152-161. | 0.4 | 1 |
| 2 | Formation and de-excitation of ^{111}mCd using natural cadmium and ^{241}Am - ^{9}Be neutron source. Indian Journal of Physics, 2021, 95, 1491-1497. | 1.8 | 1 |
| 3 | Determination of $^{238}\text{U}(n, \hat{f}^3)$ and $^{238}\text{U}(n, f)$ reactions cross-section in the neutron emission spectrum of ^{241}Am -Be source. Physica Scripta, 2021, 96, 045304. | 2.5 | 9 |
| 4 | Measurements of the cross-section of $^{111}\text{Cd}(n, n\alpha^2)^{111}\text{mCd}$ reaction for $^{241}\text{Am}/\text{Be}$ neutrons. Modern Physics Letters A, 2021, 36, 2150084. | 1.2 | 2 |
| 5 | Improved experimental evaluation and model validation of a ^{252}Cf irradiator for delayed gamma-ray spectrometry applications. Applied Radiation and Isotopes, 2021, 173, 109694. | 1.5 | 5 |
| 6 | The surface and bulk properties of CuO ribbons and ZnO particles mixture using physical adsorption and gamma ray attenuation techniques. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 74-87. | 0.9 | 3 |
| 7 | Integral cross section of isomeric state formation in (neutron, nucleon) reactions using an ^{241}Am - ^{9}Be source. Applied Radiation and Isotopes, 2020, 165, 109340. | 1.5 | 10 |
| 8 | Identification of short-lived fission products in delayed gamma-ray spectra for nuclear material signature verifications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 978, 164347. | 1.6 | 4 |
| 9 | Reevaluation of the neutron emission probabilities from ^{241}Am - ^{9}Be neutron source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 942, 162387. | 1.6 | 16 |
| 10 | Determination of isotopes activity ratio using gamma ray spectroscopy based on neural network model. Applied Radiation and Isotopes, 2019, 148, 19-26. | 1.5 | 14 |
| 11 | Passive Non-Destructive Assay based on gamma-ray spectrometry to verify UO ₂ samples in the form of powder and pellet. Annals of Nuclear Energy, 2016, 87, 186-191. | 1.8 | 18 |
| 12 | Characterization of Neutron Field in a Spherical Irradiation Facility. American Journal of Modern Physics, 2015, 4, 232. | 0.1 | 2 |
| 13 | Multiscale time-bin analysis of delayed gamma-ray spectra of fission products. Physica Scripta, 0, , . | 2.5 | 1 |