

Mona Tohamy

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

86
citations

1684188

5
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

48
citing authors

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