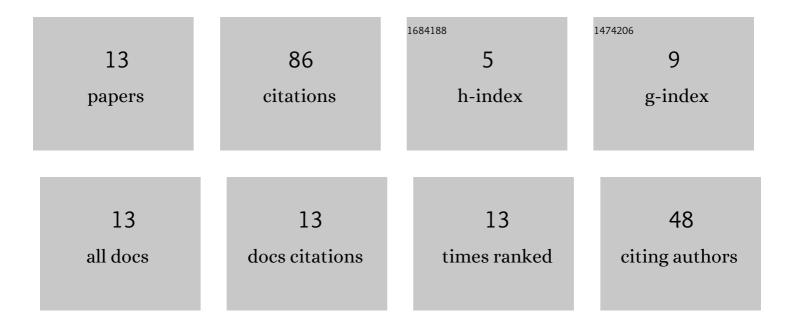
## Mona Tohamy

List of Publications by Year in descending order

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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 111mCd using natural cadmium and Am–Be neutron source. Indian Journal of Physics, 2021, 95, 1491-1497.	1.8	1
3	Determination of <sup>238</sup> U(n, $\hat{i}^3$ ) and <sup>238</sup> U(n, f) reactions cross-section in the neutron emission spectrum of <sup>241</sup> Am-Be source. Physica Scripta, 2021, 96, 045304.	2.5	9
4	Measurements of the cross-section of 111Cd(n,n′)111mCd reaction for 241Am/Be neutrons. Modern Physics Letters A, 2021, 36, 2150084.	1.2	2
5	Improved experimental evaluation and model validation of a 252Cf 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 Am–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 241Am–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 UO2 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