

A Gandhi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

171
citations

1307594

7
h-index

1199594

12
g-index

24
all docs

24
docs citations

24
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the Weisskopf-Ewing approximation for the determination of (n,p) cross sections using the surrogate reaction technique. Physical Review C, 2022, 105, .	2.9	0
2	Measurement of alpha-induced reaction cross-sections on ^{nat}Mo with detailed covariance analysis. European Physical Journal A, 2022, 58, .	2.5	8
3	Neutron radiative capture cross section for sodium with covariance analysis. European Physical Journal A, 2021, 57, 1.	2.5	34
4	Measurement of $^{90}\text{Zr}(n,2n)^{89}\text{Zr}$ and $^{90}\text{Zr}(n,p)^{90m}\text{Y}$ reaction cross-sections in the neutron energy range of 10.95 to 20.02 MeV. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 71-81.	1.5	2
5	Estimation of optical model parameters and their correlation matrix using Unscented Transform Kalman Filter technique. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136179.	4.1	4
6	Inelastic scattering of 14.1 MeV neutrons on iron. European Physical Journal A, 2021, 57, 1.	2.5	3
7	Neutron capture reaction cross section measurement for iodine nucleus with detailed uncertainty quantification. European Physical Journal Plus, 2021, 136, 1.	2.6	13
8	Fast-neutron induced reaction cross section measurement of tin with dual monitor foils and covariance analysis. European Physical Journal A, 2021, 57, 1.	2.5	2
9	Measurement of the Yield and Angular Distributions of Gamma Rays Originating from the Interaction of 14.1-MeV Neutrons with Chromium Nuclei. Physics of Atomic Nuclei, 2020, 83, 384-390.	0.4	5
10	Measuring the Yields and Angular Distributions of $\hat{\gamma}^3$ Quanta from the Interaction between 14.1 MeV Neutrons and Magnesium Nuclei. Bulletin of the Russian Academy of Sciences: Physics, 2020, 84, 367-372.	0.6	3
11	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle, \langle \text{mml:math} \rangle$, and $\langle \text{mml:math} \rangle$		

#	ARTICLE	IF	CITATIONS
19	Measured response of a liquid scintillation detector to quasi-monoenergetic electrons and neutrons. Journal of Instrumentation, 2018, 13, P01027-P01027.	1.2	5
20	Measurement of Angular Distributions of Gamma Rays from the Inelastic Scattering of 14.1-MeV Neutrons by Carbon and Oxygen Nuclei. Physics of Atomic Nuclei, 2018, 81, 588-594.	0.4	8
21	Measurements of the gamma-quanta angular distributions emitted from neutron inelastic scattering on ^{28}Si . EPJ Web of Conferences, 2018, 177, 02002.	0.3	5
22	Inference on fission timescale from neutron multiplicity measurement in $^{18}\text{O}+^{184}\text{W}$. Journal of Physics G: Nuclear and Particle Physics, 0, , .	3.6	2
23	Measurement of $(\sigma_{n,\alpha})$ and $(\sigma_{n,2n})$ reaction cross sections at a neutron energy of 14.92 ± 0.02 MeV for potassium and copper with uncertainty propagation. Chinese Physics C, 0, , .	3.7	0