

Siddharth parashari

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

196
citations

1040056

9
h-index

1058476

14
g-index

22
all docs

22
docs citations

22
times ranked

110
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-sections for production of ^{115}mIn by $^{115}\text{In}(n, \gamma)^{115}\text{mIn}$ reaction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 100, 110270.	2.8	3
2	Optimization of detector modules for measuring gamma-ray polarization in Positron Emission Tomography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1040, 167186.	1.6	3
3	Measurement of $^{90}\text{Zr}(n, 2n)^{89}\text{Zr}$ and $^{90}\text{Zr}(n, p)^{90}\text{mY}$ reaction cross-sections in the neutron energy range of 10.95 to 20.02 MeV. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 71-81.	1.5	2
4	Semi-empirical systematics formulas for the (n, p) , $(n, \hat{1}\pm)$, and $(n, 2n)$ reaction cross-sections at 14.5 MeV. <i>Radiation Physics and Chemistry</i> , 2021, 188, 109634.	2.8	5
5	Study of Multi-Pixel Scintillator Detector Configurations for Measuring Polarized Gamma Radiation. <i>Condensed Matter</i> , 2021, 6, 43.	1.8	7
6	Measurement of $(n, \hat{1}n)$ reaction cross sections on ^{113}In and ^{115}In isotopes using quasi-monoenergetic neutrons within 10–20 MeV. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	3
7	Excitation function of the $^{165}\text{Ho}(n, \gamma)^{165}\text{Ho}$ reaction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 71-81.	2.9	13
8	Excitation function of the $^{165}\text{Ho}(n, \gamma)^{165}\text{Ho}$ reaction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 71-81.		

#	ARTICLE	IF	CITATIONS
19	Excitation functions of the $^{93}\text{Nb}(p, n)^{93}\text{Zr}$ reaction in the energy range $10\text{--}22$ MeV. Nuclear Physics A, 2018, 978, 160-172.	1.5	10
20	Neutron capture cross-sections for ^{159}Tb isotope in the energy range of 5 to $17\text{--}14$ MeV. Applied Radiation and Isotopes, 2018, 141, 10-14.	1.5	1
21	Excitation functions of evaporation residues in the $^{16}\text{O} + ^{124}\text{Sn}$ reaction and investigation of the dependence of incomplete fusion dynamics on entrance channel parameters. Physical Review C, 2017, 96, 054607.	1.5	21
22	Investigation of incomplete fusion dynamics at energy $4\text{--}8$ MeV/nucleon. Nuclear Physics A, 2017, 960, 53-77.	1.5	34