

# 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	Investigation of incomplete fusion dynamics at energy $4 \leq 8$ MeV/nucleon. Nuclear Physics A, 2017, 960, 53-77. Study of incomplete fusion reaction dynamics in $C$	1.5	34
2	Measurement of excitation functions of evaporation residues in the $O$	1.5	23
3	Systematic analysis of the neutron-induced reaction cross sections for $Mo$ isotopes within $10 \leq 20$ MeV. Physical Review C, 2019, 99, .	2.9	18
4	Sensitivity of low-energy incomplete fusion to various entrance-channel parameters. European Physical Journal A, 2018, 54, 1.	2.5	16
5	Systematic study of the break-up fusion process in the $Sn$ reaction and	2.9	13
6	Measurement of the $^{58}Ni(n, p)^{58}Co$ and $^{58}Ni(n, 2n)^{57}Ni$ reaction cross-sections for fast neutron energies up to 18 MeV. European Physical Journal A, 2019, 55, 1.	2.9	13
7	Study of Multi-Pixel Scintillator Detector Configurations for Measuring Polarized Gamma Radiation. Condensed Matter, 2021, 6, 43.	1.5	10
8	Investigation of $(n, p)$ , $(n, 2n)$ reaction cross sections for $Sb$ isotopes for fusion reactor applications. Applied Radiation and Isotopes, 2018, 133, 31-37.	2.9	9
9	Measurement of $^{232}Th$ and $^{238}U$ neutron capture cross-sections in the energy range $5 \leq 17$ MeV. Applied Radiation and Isotopes, 2019, 143, 72-78.	1.5	9
10	Measurement of $^{232}Th(n, \hat{p}^3)$ reaction cross sections in the neutron energy range of $11 \leq 19$ MeV. Physical Review C, 2018, 98, .	2.9	5
11	Excitation function of the $T$	2.9	5
12			
13			
14			

#	ARTICLE	IF	CITATIONS
19	Optimization of detector modules for measuring gamma-ray polarization in Positron Emission Tomography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1040, 167186.	1.6	3
20	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. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 71-81.	1.5	2
21	Measurement of $^{100}\text{Mo}(n,2n)^{99}\text{Mo}$ reaction cross-sections using 10-20 MeV quasi-monoenergetic neutrons. , 2018, , .		1
22	Neutron capture cross-sections for $^{159}\text{Tb}$ isotope in the energy range of 5 to 17 MeV. Applied Radiation and Isotopes, 2018, 141, 10-14.	1.5	1