

Rajnikant Makwana

List of Publications by Year in descending order

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2258059

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#	ARTICLE	IF	CITATIONS
1	Measurements of the cross sections of the $^{186}\text{W}(n, \gamma)^{187}\text{W}$ and $^{187}\text{W}(n, \gamma)^{188}\text{W}$ reactions. Applied Radiation and Isotopes, 2019, 10, 100177.	2.9	19
2	Novel concrete compositions for γ -rays and neutron shielding using WC and B4C. Results in Materials, 2021, 10, 100177.	1.8	7
3	Measurement of $(n, \alpha n)$ reaction cross sections on ^{113}In and ^{115}In isotopes using quasi-monoenergetic neutrons within 10–20 MeV. European Physical Journal Plus, 2020, 135, 1.	2.6	3
4	Cross-section of $(n, 2n)$ reaction for niobium and strontium isotopes between 13.97 to 20.02 MeV neutron energies. Applied Radiation and Isotopes, 2022, 182, 110142.	1.5	2
5	Spectrum average cross section measurement of $^{183}\text{W}(n, p)^{183}\text{Ta}$ and $^{184}\text{W}(n, p)^{184}\text{Ta}$ reaction cross section in $^{252}\text{Cf}(sf)$ neutron field. Applied Radiation and Isotopes, 2017, 127, 150-155.	1.5	1
6	Neutron capture cross-sections for ^{159}Tb isotope in the energy range of 5 to 17 MeV. Applied Radiation and Isotopes, 2018, 141, 10-14.	1.5	1
7	Measurement of neutron induced $^{86}\text{Sr}(n, 2n)^{85}\text{Sr}$ reaction cross sections at different neutron energies. Applied Radiation and Isotopes, 2019, 154, 108866.	1.5	1