List of Publications from the Thesis

1. **Rajnikant Makwana,** S. Mukherjee, P. Mishra, H. Naik, N.L. Singh, M. Mehta, K. Karel, S. V. Suryanarayana, V. Vansola, Y. Shanthisheela, M. Karkera, R. Acharya, S. Khirwadkar, **"**Measurements of cross sections of ^{186}W(n, γ)^{187}W, ^{182}W(n, p)^{182}Ta, ^{154}Gd(n, 2n)^{153}Gd, ^{160}Gd(n, 2n)^{159}Gd reactions between 5 to 17 MeV neutron energies"
   Physical Review C (In Press)
   Impact Factor: 3.82

2. **Rajnikant Makwana**, S. Mukherjee, Jian-Song Wang, and Zhi-Qiang Chen, "New empirical formula for (γ, n) reaction cross section near GDR Peak for elements with $Z \geq 60$",

   Chinese Physics C Vol. 41, No. 4 (2017) 044105
   Impact Factor 5.084

3. **Rajnikant Makwana**, S. Mukherjee, L. Snoj, S. S. Barala, M. Mehta, P. Mishra, S. Tivari, M. Abhangi, S. Khirwadkar, H. Naik, "Spectrum average cross section measurement of ^{183}W(n, p)^{183}Ta and ^{184}W(n, p)^{184}Ta reaction cross section in ^{252}Cf(sf) neutron field"
   Applied Radiation Isotopes
   DOI: http://dx.doi.org/10.1016/j.apradiso.2017.06.002
   Impact Factor 1.136

4. N. L. Singh, **Rajnikant Makwana**, S. Mukherjee, A. Chatterjee "Measurement of (n, p) Cross Section for Some Structural Materials at 14.2 MeV"

   Published in: IEEE Conference Proceedings; 2016 17th International Scientific Conference on Electric Power Engineering (EPE)
   DOI: https://doi.org/10.1109/EPE.2016.7521819
   Impact Factor: 5.629