

Publications in Journals – 2025

1. Shabir Dar, Soumik Bhattacharya, S. Bhattacharyya, G. H. Bhat, S. Jehangir, J. A. Sheikh, R. Banik, S. Nandi, G. Mukherjee, Sajad Ali, S. Chakraborty, S. Chatterjee, S. Das, S. Das Gupta, A. Dhal, S. S. Ghugre, A. Goswami, D. Mondal, S. Mukhopadhyay, S. Pal, D. Pandit, R. Raut, P. Ray, “Coexistence of single-particle and collective states in ^{116}Sb ”, *Physical Review C* 111 (2025) 14328
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3. R. Mondal Saha, K. Banerjee, A. Chakraborty, N. Gayathri, Souvik Jana, Satya Samiran Nayak, G. R. Umapathy, Anirban Basak, S. Bhattacharyya, R. Shil, Satyajit Hazra, Saif Ahmad Khan, “Preparation of selenium target using sedimentation method for in-beam gamma-ray spectroscopic measurement”, *Nuclear Instruments and Methods in Physics Research Section A* 1074 (2025) 170288
4. Ekata Nandy, Subhasis Chattopadhyay, “Searching for initial state fluctuations in heavy ion collisions at FAIR energy using principal component analysis”, *The European Physical Journal A* 61 (2025) 39
5. Akash Mitra, Sanku Paul, Shashi C. L. Srivastava, “Quantum criticality and universality in the stationary state of the long-range Kitaev model”, *Physical Review B* 111 (2025) 104308
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15. Trijit Kumar Maiti, “Exergy evaluation through experimental validation of a helium liquefier model under various off-design mixed mode operations with and without LN2 pre-cooling”, *Fusion Engineering and Design* 215 (2025) 114966

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