

Publications in Journals – 2016

1. M. Rejmund, A. Navin, S. Bhattacharyya, M. Caamano, E. Clement, O. Delaune, F. Farget, G. de France, B. Jacquot and A. Lemasson, “Structural changes at large angular momentum in neutron-rich $^{121,123}\text{Cd}$ ”, *Physical Review C* 93 () 24312
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3. S. Mitra, S. Ghosh, S. K. Das, S. Sarkar and J. Alam, “Diffusion of hidden charm mesons in hadronic medium”, *Nuclear Physics A* 951 (2016) 75
4. Anjan Dutta Gupta, Sundeep Ghosh, Pranab Bhattacharyya, Gautam Pal, Paramita Mukherjee and Swarnendu Sen, “Optimization of Support System for Fair Energy Buncher Dipole Magnet”, *IEEE Transactions on Applied Superconductivity* 26 (2016) 1
5. Sumedhaa and Sushant K. Singh, “Effect of random field disorder on the first order transition in p-spin interaction mode”, *Physica A* 442 (2016) 276
6. Hemendra Kumar Pandey, T. K. Bhattacharya and Alok Chakrabarti, “Development of deflector cavity and RF amplifier for bunch length detector system”, *Journal of Instrumentation* 11 (2016) T02001
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9. Jhiliam Sadhukhan, Witold Nazarewicz and Nicolas Schunck, “Microscopic modeling of mass and charge distributions in the spontaneous fission of ^{240}Pu ”, *Physical Review C* 93 (2016) 11304

10. A. Goswami, P. Sing Babu, V. S. Pandit, "Analysis of intense beam instability in a general quadruple focusing channel with image charge effect", *Nuclear Instruments and Methods in Physics Research A* 808 (2016) 141
11. D. G. Phillips, W. M. Snow, K. Babu, S. Banerjee, D. V. Baxter, Z. Berezhiani, M. Bergevin, S. Bhattacharya, G. Brooijmans, L. Castellanos, M. C. Chen, C. E. Coppola, R. Cowsik, J. A. Crabtree, P. Das, E. B. Dees, A. Dolgov, P. D. Ferguson, M. Frost, T. Gabriel, A. Gal, F. Gallmeier, K. Ganezer, E. Golubeva, G. Greene, B. Hartfiel, A. Hawari, L. Heilbronn, C. Johnson, Y. Kamyshev, B. Kerbikov, M. Kitaguchi, B.Z. Kopeliovich, V. B. Kopeliovich, V. A. Kuzmin, C-Y. Liu, P. McGaughey, M. Mocko, R. Mohapatra, N. Mokhov, G. Muhrer, H. P. Mumm, L. Okun, R. W. Pattie Jr., C. Quigg, E. Ramberg, A. Ray, A. Roy, A. Ruggles, U. Sarkar, A. Saunders, A. P. Serebrov, H. M. Shimizu, R. Shrock, A. K. Sikdar, S. Sjue, S. Striganov, L. W. Townsend, R. Tschirhart, A. Vainshtein, R. Van Kooten, Z. Wang, A. R. Young, "Neutron-antineutron oscillations: Theoretical status and experimental prospects", *Physics Reports* 612 (2016) 1
12. Sumit Basu, Tapan K. Nayak and Kaustuv Datta, "Beam energy dependence of pseudorapidity distributions of charged particles produced in heavy-ion collisions at RHIC and LHC energies", *Physical Review C* 93 (2016) 64902
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15. Alo Dutta, P.K. Mukhopadhyay, T. P. Sinha, Santiranjana Shannigrahi, A.K. Himanshu, Pintu Sen and S. K. Bandyopadhyay, "Sr₂SmNbO₆ perovskite: Synthesis, characterization and density functional theory calculations", *Materials Chemistry and Physics* 179 (2016) 55
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