7.1 Publications In Journals

1. S. Ahmad, P. P.Bhaduri, H.Jahan et. al, *"Design and performance simulation of a segmented-absorber based muon detection system for high energy heavy ion collision experiments"*, Published in Nuclear Instruments and Methods in Physics Research A 775, 139, (2014).
2. ALICE Collaboration, *"Suppression of psi(2S) production in p-Pb collisions at* $\sqrt{s_{nn}}$*=5.02TeV"*, JHEP**12** (2014) 073
3. ALICE Collaboration, *"Measurement of prompt D-meson production in p–Pb collisions at* $\sqrt{s_{nn}}$*= 5.02 TeV"*, Phys. Rev. Lett. **113** (2014) 232301
4. ALICE Collaboration, "*Exclusive J/ψ photoproduction off p*rotons in ultra-peripheral p-Pbcollisions at $\sqrt{s_{NN}}$ = 5.02 TeV",Phys. Rev. Lett. **113** (2014) 232504
5. ALICE Collaboration, *"Measurement of visible cross sections in proton-lead collisions at* $\sqrt{s_{nn}}$*=5.02 TeV in van der Meer scans with the ALICE detector"*, JINST **9** (2014) 1100
6. ALICE Collaboration, *"Multi-particle azimuthal correlations in pPb and PbPb collisions at the LHC"*, Phys. Rev. **C 90** (2014) 054901
7. ALICE Collaboration, *"Event-by-event mean pT fluctuations in pp and Pb-Pb collisions at the LHC"*,Eur. Phys. J. **C** (2014) 74-3077
8. ALICE Collaboration, *"Freeze-out radii extracted from three-pion cumulants in pp, p-Pb and Pb-Pb collisions at the LHC"*, Phys. Lett. **B 739** (2014) 139-151
9. ALICE Collaboration, *"Neutral pion production at midrapidity in pp and PbPb collisions at* $\sqrt{s_{nn}}$ *= 2.76 TeV"*, Eur. Phys. J. **C** (2014) 74-3108
10. ALICE Collaboration, *"Suppression of Upsilon(1S) at forward rapidity in Pb-Pb collisions at* $\sqrt{s_{nn}}$ *= 2.76 TeV"*,Phys. Lett. **B 738** (2014) 361-372
11. ALICE Collaboration, *"Performance of the ALICE Experiment at the CERN LHC"*,Int. J. Mod. Phys. **A 29** (2014) 1430044
12. ALICE Collaboration, *"Beauty production in pp collisions at* $\sqrt{s_{nn}}$*= 2.76 TeV, measured usingsemi-electronic decays"*, PLB **738**(2014) 97-108
13. ALICE Collaboration, *"Transverse momentum dependence of inclusive primary charged-particle production in pPb collisions at* $\sqrt{s_{nn}}$ *= 5.02 TeV"*,Eur. Phys. J. **C 74** (2014) 3054
14. ALICE Collaboration, *"Azimuthal anisotropy of D meson production in Pb-Pb collisions at* $\sqrt{s_{nn}}$ *= 2.76 TeV"* Phys. Rev. **C 90** (2014) 034904

15. ALICE Collaboration, "Measurement of quarkonium production at forward rapidity in pp collisions at √s = 7 TeV",Eur. Phys. J. **C 74** (2014) 2974

16. ALICE Collaboration, *"Production of charged pions, kaons and protons at large transverse momenta in pp and Pb–Pb collisions at* $\sqrt{s_{nn}}$ *= 2.76 TeV"*,PLB **736** (2014) 196-207

17. ALICE Collaboration, *"Centrality, rapidity and transverse momentum dependence of J/psi suppression in Pb-Pb collisions at* $\sqrt{s_{nn}}$ *=2.76 TeV"*,Phys. Lett. **B 734** (2014) 314-327

18. ALICE Collaboration, *"Measurement of charged jet suppression in Pb-Pb collisions at* $\sqrt{s_{nn}}$ *=2.76 TeV"*,JHEP **03** (2014) 013

19. ALICE Collaboration, *"J/Psi production and nuclear effects in p-Pb collisions at* $\sqrt{s_{nn}}$ *=5.02 TeV"*,JHEP **02** (2014) 073

20. ALICE Collaboration, *"Two and Three-Pion Quantum Statistics Correlations in Pb-Pb Collisions at* $\sqrt{s_{nn}}$*=2.76 TeV at the LHC",* Phys. Rev. **C 89** (2014) 024911

21. ALICE Collaboration, *"Upgrade of the ALICE Inner Tracking System"*,- Technical Design Report J. Phys. G. **41** (2014) 087002

22. Debasis Atta, D. N. Basu, "*Fusion Cross-sections for Reactions involving Medium and Heavy Nucleus-Nucleus systems*", Phys. Rev. **C90** (2014) 064622.

23. Debasis Atta, D. N. Basu, "*Stability of* β*-equilibrated Dense Matter and Core-Crust transition in Neutron Stars*", Phys. Rev. **C90** (2014) 035802.

24. D. Banerjee and S.K. Das, *"A Nuclear Hyperfine Study of Hafnium Zirconate System"*, J. Radioanal. Nucl. Chem., **302** (2014) 999.

25. D. Banerjee and S.K. Das, *"Study of the Role of Metal Core on the Thermal Behavior of Ag@*TiO_2 *Core-Shell Nanoparticles"*, J. Radioanal. Nucl. Chem., **300** (2014) 99-105.

26. I. Banerjee, K. De, S. Chattopadhyay, A. K. Bandyopadhyay, M. Misra, "An easy and effective method for radiolabelling of solid lipid nanoparticles", J. Radioanal. Nucl. Chern. 302, 837 (2014) .

27. D. N. Basu, "*Effective Interaction: From Nuclear Reactions to Neutron Stars*", Pramana Journ.Phys. **82** (2014) 809.

28. D. N. Basu, Partha Roy Chowdhury, Abhishek Mishra, "*From Nuclear Reactions to Compact Stars*", Eur. Phys. J. Plus **129** (2014) 62.

29. Partha Pratim Bhaduri, A. K. Chaudhuri and Subhasis Chattopadhyay, "Parton shadowing and J/psi-to-Drell-Yan ratio at SPS and FAIR", Published in Phys. Rev. C 89, 044912, (2014).

30. Srijit Bhattacharya, Deepak Pandit, Balaram Dey, Debasish Mondal, S. Mukhopadhyay, Surajit Pal, A. De, and S.R. Banerjee. *"Examination of level density prescriptions for the interpretation of high-energy γ-ray spectra",* Phys. Rev **C 90**, (2014) 054319.

31. S. Bhattacharyya, D. Banerjee, S. K. Das, Soumik Bhattacharya, S. Das Gupta, G. Mukherjee, T. Bhattacharjee, A. Chowdhury, P. Das, R. Guin and H. Pai, *"Lifetime measurements and decay spectroscopy of ^{132}I"*, Europian Phys. Journal Web of Conferences, **66** (2014) 02009.

32. S. Bhattacharya, T. K. Rana, C. Bhattacharya, S.Kundu, K. anerjee, T. K. Ghosh, G. Mukherjee, R. Pandey, P. Roy, V. Srivastava,M. Gohil, J. K. Meena, H. Pai, A. K. Saha, J. K. Sahoo and R. M. Saha, "*Decay of Hoyle state",* Pramana J. Phys., **83**, 673 (2014).

33. T. Bhattacharjee, Deepak Pandit, S. K. Das, A. Chowdhury, P. Das, D. Banerjee, A. Saha, S. Mukhopadhyay, S. Pal, S. R. Banerjee – *"Measurement of β-decay endpoint energy with planar HPGe detector"* - Nuclear Instruments and Methods in Physics Research **A767,** 19 (2014).

34. Hari Shankar Biswas, Jagannath Datta, Pintu Sen, Uday Chand Ghosh, Nihar Ranjan Ray, *"Raman spectra of electrochemically hydrogenated diamond like carbon surface",* Chemical Physics Letters **600,** 10 (2014)

35. S. Chattopadhyay, L. Barua, S. Saha Das, A. De, U. Kumar , A. Mitra , T. Mallick , Madhusmita, Md. A. Nayer, S. Sinha, B.R. Sarkar, S. Ganguly, K. De, M.K. Das, M. G. R. Rajan, "Pharmaceutical grade sodium [^{99m}Tc] pertechnetate from low specific activity ^{99}Mo using an automated ^{99}Mo/^{99m}Tc-TCM-autosolex generator", J. Radioanal. Nucl. Chem. 302, 781 (2014).

36. Bipul Das, Madhuri Mandal, Kalyan Mandal, Pintu Sen, ***"****Influence of alumina membrane on magnetic properties for thermally annealed CoPt alloy nanowires",* Colloids and Surfaces A: Physicochemical and Engineering Aspects **443**, 398 (2014)

37. Satyendra K. Das, Rashmohan Guin, Debasish Banerjee, Karl Johnston, Parnika Das, Tilman Butz, Vitor S. Amaral, Joao G. Correia and Marcelo B. Barbosa, "Perturbed Angular Correlation study of the static and dynamic aspects of Cadmium and Mercury atoms inside and attached to a C60 Fullerene cage", Zeitschrift für Naturforschung, **69a**, (2014) 611 – 618

38. J. Datta, D. P. Chowdhury and R. Verma, "*Determination of concentrations of trace elements in nuclear grade graphite by charged particle activation analysis*", J. Radioanal. Nucl. Chem. **300** (2014) 147.

39. J. Datta, H.S. Biswas, P. Rao, G.L.N. Reddy, S. Kumar, N.R. Ray, D.P. Chowdhury and A.V.R. Reddy *"Study of depth profile of hydrogen in hydrogenated diamond like carbon thin film using ion beam analysis techniques",* Nucl. Instrum. Meth. Phys. Res. B, **328** (2014) 27.

40. S. Dechoudhury, Alok Chkrabarti, Y. –C. Chao; "Multiple charge beam dynamics in alternate phase focusing structure", Phys. Rev. ST Accel. Beams **17** (2014) 074201

41. Balaram Dey, Debasish Mondal, Deepak Pandit, S. Mukhopadhyay, Surajit Pal, Srijit Bhattacharya , A. De, K.Banerjee, N.DinhDang , N.QuangHung, S.R. Banerjee. "*Probing the critical behavior in the evolution of GDR width at very low temperatures in A~100 mass region*", Phys. Lett. **B 731** (2014) 92.

42. S. Dey, B. Mazumder ,S. Chattopadhyay, M. K. Das, S. Sinha, S. Ganguly · K. De · M. Mishra, "Polymers Derived from Xanthomonas campesteris and Cyamopsis tetragonolobus use as Retardant Materials for the Formulation of Sustained Release Floating Matrix Tablet of Atenolol", Int. J. Biol. Macromol. 65, 346 (2014).

43. S. Dey, S. Chattopadhyay, B. Mazumder, *"Formulation and Evaluation of Fixed-Dose Combination of Bilayer Gastroretentive Matrix Tablet Containing Atorvastatin as Fast-Release and Atenolol as Sustained-Release"*, BioMed. Res. Int. 2014 (396106), 1 (2014).

44. A. Dutta, M. Bhattacharya, and P. Barat, "*Statistics of dislocation pinning at localized obstacles",* J. Appl. Phys. **116**, 143510 (2014)

45. Ankan Dutta Chowdhury, Nidhi Agnihotri, Pintu Sen, Amitabha De, *"Conducting $CoMn_2O_4$ - PEDOT nanocomposites as catalyst in oxygen reduction reaction*", Electrochimica Acta **118,** 81 (2014)

46. A. Ghosh, S. Koley, A.K.Sahu, Tapatee Kundu Roy, S. Ramanathan, G.P.Kothiyal, *"Sintering kinetics study of the nano-crystalline 3-mol% Yttria-Samaria codoped tetragonal zirconia polycrystal ceramics"*, J. Thermal Anal Calorim 115 (**2014**)1303

47. Premomoy Ghosh, SanjibMuhuri, Jajati K Nayak and Raghava Varma, *"Indication of transverse radial flow in high-multiplicity proton–proton collisions at the Large Hadron Collider."*, J. Phys. G: Nucl. Part. Phys.41(2014)035106

48. S. Ghosh, G. Krein and S. Sarkar, *"Shear Viscosity of a pion gas resulting from* ρππ *and* σππ *interactions"*, Phys. Rev. C89 (2014) 045201

49. S. Ghosh, S. K.Das, V. Greco, S. Sarkar and J. Alam, *"Diffusion of Λ_c in hot hadronic medium and its impact on Λ_c/D ratio"*, Phys. Rev. D90 (2014) 054018

50. M. Gohil, Pratap Roy, K. Banerjee, S. Bhattacharya, C. Bhattacharya, S. Kundu, T. K. Rana, T. K. Ghosh, G. Mukherjee, R. Pandey, J. K. Meena, H. Pai, V. Srivastava, A. Dey, Deepak Pandit, S. Mukhopadhyay, S. Pal, and S. R. Banerjee, *"Angular Momentum Dependence of Nuclear Level Density Parameter"*, EPJ Web of Conferences **66**, 03073 (2014).

51. S. N. Guin, J. Pan, A. Bhowmik, D. Sanyal, U. V. Waghmare and K. Biswas, *"Temperature Dependent Reversible p-n-p Type Conduction Switching with Colossal Change in Thermopower of Semiconducting AgCuS"*, J. of Am. Chem. Soc. **136** (2014) 12712

52. Prasanta Karmakar and B. Satpati, *"Site specific isolated nanostructure array formation on a large area by broad ion beam without any mask and resist"*, Appl. Phys. Lett. **104** (2014) 231601

53. N. Kaur, A. Kumar, G. Mukherjee, A. Singh, S. Kumar, R. Kaur, V. Singh, B.R. Behera, K.P. Singh, G. Singh, H.P. Sharma, S. Kumar, M.K. Raju, P.V.M. Rao, S. Muralithar, R.P. Singh, R. Kumar, N. Madhvan, R.K. Bhowmik, *"High spin structure in $^{130,131}Ba$"*, Eur. Phys. J. **A50** (2014) 5.

54. Samir Kundu, *"The effect of nuclear structure in the emission of reaction products in heavy-ion reactions"*, Pramana **82**(2014)727.

55. Tapatee Kundu Roy and A. Ghosh, "*Sintering and grain growth kinetics in undoped and silica doped zinc oxide*", Ceram. Int., **40** (**2014**)10755-10766

56. T. Martinez, D. Cano-Ott, J. Castilla, A.R. Garcia, J. Marin, G. Martinez, E. Mendoza, C. Santos, F.J. Tera, D. Villamarin, J. Agramunt, A. Algora, C. Domingo, M.D. Jordan, B. Rubio, J.L. Tain, C. Bhattacharya, K. Banerjee, S. Bhattacharya, P. Roy, J.K. Meena, S. Kundu, G. Mukherjee, T.K. Ghosh, T.K. Rana, R. Pandey, A. Saxena, B. Behera, H. Penttila, A. Jokinen, S. Rinta-Antila, C. Guerrero, M.C. Ovejero, *"MONSTER: a TOF Spectrometer for β-delayed Neutron Spectroscopy"*, Nucl. Data Sheets **120** (2014) 78.

57. Anuraag Misra and V.S.Pandit, Studies on the coupling transformer to improve the performance of microwave ion source. Rev. Sci. Instrum. 85, 063301 (2014).

58. S. Mitra and S. Sarkar, *" Medium Effects on the Thermal Conductivity of a Pion Gas"*, Phys. Rev. D89 (2014) 054013

59. G. Mukherjee, Balaram Dey, S. Mukhopadhyay, Deepak Pandit, Surajit Pal, H. Pai and S.R. Banerjee, *"A Unique TAS Setup for high multiplicity events at VECC, Kolkata using BaF_2 detectors"* EPJ Web of Conferences **66**, 11026 (2014).

60. S. Mukhopadhyay "*Evolution of giant dipole resonance width at low temperatures – New perspectives*" Pramana J. Phys. **82,** 779 (2014)

61. Debabrata Nandi, Arup K. Ghosh, Amitabha De, Pintu Sen and Uday Chand Ghosh, *"Fabrication, nanostructure evaluation, 3D electrical transport and electrochemical capacitance of PEDOT–Ti(IV)-doped iron(III) oxide nanocomposite",* Journal of Material Science **49**, 776 (2014)

62. P. Nath, A. Chakraborti and D. Sanyal, *Ab-initio* calculations to study the influence of electronegativity of the *p*-block dopants on the magnetic properties of doped ZnO, *RSC Advances* **4** (2014) 45598

63. P. Nath, S. Chowdhury, D. Sanyal and D Jana, Ab-initio calculation of electronic and optical properties of nitrogen and boron doped grapheme nanosheet, *Carbon* **74** (2014) 275

64. P. Nath, D. Sanyal and D. Jana, Electron-Hole symmetry breaking in graphene nano sheet by Boron-Nitrogen co-doping. *Physica E* **56** (2014) 64

65. A. Navin, M. Rejmund, C. Schmitt, S. Bhattacharyya, G. Lhersonneau, P. VanIsacker, M. Caamao, E. Clment, O. Delaune, F. Farget, G. de France, B. Jacquot, *"Towards the high spin-isospin frontier using isotopically-identified fission fragments"*; Phys. Lett. **B728** (2014) 136.

66. H. Pai, G. Mukherjee, S. Bhattacharya, C. Bhattacharya, S. Bhattacharyya, T. Bhattacharjee, S. Chanda, S. Rajbanshi, A. Goswami, M.R. Gohil, S. Kundu, T.K. Ghosh, K. Banerjee, T.K. Rana, R. Pandey, G.K. Prajapati, S. R. Banerjee, S. Mukhopadhyay, D. Pandit, S. Pal, J. K. Meena, P. Mukhopadhyay, and A. Choudhury, *"Identification of intruder □i13/2 state in ^{197}Tl"* EPJ Web of Conferences **66**, 02079 (2014).

67. H. Pai, G. Mukherjee, S. Bhattacharyya, C. Bhattacharya, S. Bhattacharya, T. Bhattacharjee, S. K. Basu, S. Kundu, T. K. Ghosh, K. Banerjee, T. K. Rana, J. K. Meena, R. K. Bhowmik, R. P. Singh, S. Muralithar, S. Chanda, R. Garg, B. Maheshwari, D. Choudhury, and A. K. Jain- *"Crossing of large multiquasiparticle magnetic-rotation bands in ^{198}Bi"* - Phys. Rev. **C 90**, 064314 (2014) .

68. C. S. Palshetkar, Shital Thakur, V. Nanal, A. Shrivastava, N. Dokania, V. Singh, V. V. Parkar, P. C. Rout, R. Palit, R. G. Pillay, S. Bhattacharyya, A. Chatterjee, S. Santra, K. Ramachandran, and N. L. Singh, *"Fusion and quasi-elastic scattering in the $^{6,7}Li + ^{197}Au$ systems"*, Phys. Rev. **C89** (2014) 024607.

69. Jedidiah Pradhan, Malay Kanti Dey and Alok Chakrabarti, *"A Generalized Formulation of Beam-Shadow Measurement in Spiral Sector Superconducting Cyclotron",* published in Nuclear Instruments and Methods in Physics research A, Volume **748**(2014), 79-83

70. Jedidiah Pradhan, Nisith K. Das and Alok Chakrabarti *"Transient phenomena initiating phase transition in dilution refrigerator"*, Elsevier Cryogenics **63**(2014), 69-76.

71. S. Rajbanshi, Abhijit Bisoi, Somnath Nag, S. Saha, J. Sethi, T. Bhattacharjee, S. Bhattacharyya, S. Chattopadhyay, G. Gangopadhyay, G. Mukherjee, R. Palit, R. Raut, M. Saha Sarkar, A. K. Singh, T. Trivedi, and A. Goswami, *"Multiple magnetic rotational bands based on proton alignment in ^{143}Eu"*, Phys. Rev. **C90** (2014) 024318.

72. S. Rajbanshi, Abhijit Bisoi, Somnath Nag, S. Saha, J. Sethi, T. Trivedi, T. Bhattacharjee, S. Bhattacharyya, S. Chattopadhyay, G. Gangopadhyay, G. Mukherjee, R. Palit, R. Raut, M. Saha Sarkar, A. K. Singh, and A. Goswami, *"Shape coexistence in the near-spherical ^{142}Sm nucleus"*, Phys. Rev. **C89** (2014) 014315.

73. T. K. Rana, C. Bhattacharya, S. Bhattacharya, S. Kundu, K. Banerjee, T. K. Ghosh, G. Mukherjee, R. Pandey, M. Gohil, A. Dey, J. K. Meena, G. Prajapati, P. Roy, H. Pai, M. Biswas, *"Search for rotational state of Hoyle state in complete kinematic experiment 12C(α, α)3α",* EPJ Web of Conferences **66**, 03010 (2014).

74. T. K. Rana, S. Bhattacharya, C. Bhattacharya, S. Kundu, K. Banerjee, T. K. Ghosh, G. Mukherjee, R. Pandey, P. Roy, V. Srivastava, M. Gohil, J. K. Meena, H. Pai, A. K. Saha, J. K. Sahu, *"Further limit on 3α decay of Hoyle state"* EPJ Web of Conferences **66**, 03072 (2014).

75. A. Ray and P. Das, "*Comment on "Theoretical study of the pressure effect on the electron-capture β decay of ^{7}BeO and $^{7}Be(OH)_2$",* Physical Review C**90**, 019801 (2014).

76. Amit Roy, *"Enrico Fermi – The Complete Physicist", Resonance*, **19**, 8, (2014), 684.

77. D. Sanyal, M. Chakrabarti, P. Nath, A. Sarkar, D. Bhowmick and A. Chakrabarti, "Room temperature *ferromagnetic ordering in 4 MeV Ar^{5+} irradiated TiO_2", J of Phys. D* **47** (2014) 025001

78. D. Sanyal, Th. Wolf, M. Chakrabarti and U De, *"Positron probing of electron momentum re-distribution at the superconducting transition in $Ba(Fe_{1-x}Co_x)_2As_2$ single crystals"*, *Solid. State Commun.* **180** (2014) 35

79. W. M. Seif, D. N. Basu, "*Higher Order Symmetry Energy of Nuclear Matter and the Inner Edge of Neutron Star Crusts"*, Phys. Rev. **C89** (2014) 028801.

80. Ashutosh Kumar Singh, Bipul Das, Pintu Sen, Sujit Kumar Bandopadhyay, Kalyan Mandal, *"Effect of α-particle irradiation on the magnetic properties of Ni nanowires",* IEEE Transaction on Magnetics **50**, 2302104 (2014)

81. D. Singh, Rahbar Ali, M. Afzal Ansari, B. S. Tomar, M. H. Rashid, et al., "*Probing of complete and incomplete fusion dynamics in heavy-ion collision*," PRAMANA—journal of physics, Vol. **82**, No. 4, 683 (2014).

82. P. Sing Babu, A. Goswami and V. S. Pandit, Transverse dynamics of space charge dominated beam during bunching, Phys. Letters A 378 212 (2014).

83. STAR Collaboration, *"Measurement of longitudinal spin asymmetries for weak boson production in polarized proton-proton collisions at RHIC"*, Phys. Rev. Lett. 113 72301 (2014)

84. STAR Collaboration, *"Observation of D^0 meson nuclear modifications in Au+Au collisions at $\sqrt{s_{nn}}$ = 200 GeV",* Phys. Rev. Lett. **113** (2014) 142301

85. STAR Collaboration, *"Beam-energy dependence of charge separation along the magnetic field inAu+Au collisions at RHIC",* Phys. Rev. Lett. **113** (2014) 52302

86. STAR Collaboration, *"Dielectron Azimuthal Anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{nn}}$ = 200 GeV",* Phys. Rev. C 90 (2014) 64904

87. STAR Collaboration, *"Beam energy dependence of moments of the net-charge multiplicity distributions in Au+Au collisions at RHIC"*, Phys. Rev. Lett. **113** (2014) 92301

88. STAR Collaboration, *"Beam-Energy Dependence of Directed Flow of Protons, Antiprotons and Pions in Au+Au Collisions"* Phys. Rev. Lett. **112** (2014) 162301

89. STAR Collaboration, *"Dielectron Mass Spectra from Au+Au Collisions at $\sqrt{s_{nn}}$ = 200 GeV"*, Phys. Rev. Lett. **113** (2014) 22301

90. STAR Collaboration, *"Suppression of Upsilon Production in d+Au and Au+Au Collisions at$\sqrt{s_{nn}}$ = 200 GeV"*, Phys. Lett. **B 735** (2014) 127

91. STAR Collaboration, *"J/\psi polarization in p+p collisions at $\sqrt{s_{nn}}$ = 200 GeV in STAR"*,Phys. Lett. **B 739** (2014) 180

92. STAR Collaboration, *"J/\psi production at low p_T in Au+Au and Cu+Cu collisions at $\sqrt{s_{nn}}$ = 200 GeV at STAR"*, Phys. Rev. **C 90** (2014) 24906

93. STAR Collaboration, *"Thermal neutron flux measurements in the STAR experimental hall"*, Nucl.Instrum. Meth. **A 756** (2014) 68

94. STAR Collaboration, *"Energy dependence of moments of net-proton multiplicity distributions at RHIC"*, Phys. Rev. Lett. **112** (2014) 32302

95. STAR Collaboration, *"Neutral pion cross sectio*n and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s_{nn}}$=200 GeV", Phys. Rev. **D 89** 12001 (2014)

96. STAR Collaboration, *"Measurement of Charge Multiplicity Asymmetry Correlations in High Energy Nucleus-Nucleus collisions at* $\sqrt{s_{nn}} = 200$ *GeV"*, Phys. Rev. **C 89** 44908 (2014)

97. STAR Collaboration "Jet-Hadron Correlations in $\sqrt{s_{nn}}$=200 GeV Au+Au and p+p Collisions" Phys. Rev. Lett. **112** 122301 (2014).

98. STAR Collaboration, "Measurements of Dihadron Correlations Relative to the Event Plane in Au+Au Collisions at $\sqrt{s_{nn}}$ = 200 GeV" Phys. Rev. **C 89** (2014) 41901