



PUBLICATIONS IN JOURNALS

1. Md. S. Ali, A. Ray and A. Chakrabarti, “*Tunable Offset Locking in a Ξ system: An Experimental Study on Rubidium Atom*”, Phys. Scripta (2013).
2. ALICE Collaboration, “*Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7 \text{ TeV}$* ”, Physics Letters **B 721** 13–23 (2013).
3. ALICE Collaboration, “*Net-Charge Fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$* ”, Phys. Rev. Lett. **110**, 152301 (2013).
4. ALICE Collaboration, “*Measurement of the inclusive differential jet cross section for pp collisions at $\sqrt{s} = 2.76 \text{ TeV}$* ”, Physics Letters B, Volume 722, Issues 4–5, 24 May 2013, Pages 262–272 (2013).
5. ALICE Collaboration, “*Charge correlations using the balance function in Pb–Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$* ”, Physics Letters B Volume 723, Issues 4–5, Pages 267–279 (2013).
6. ALICE Collaboration, “*Measurement of inelastic, single and double diffraction cross sections in proton-proton collisions at LHC with ALICE*”, Eur. Phys. J. C **73**, 2456 (2013).
7. ALICE Collaboration, “*Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE*”, Eur. Phys. J. C **73**, 2496 (2013).
8. ALICE Collaboration, Long-range angular correlations of π , K and p in p–Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$, Physics Letters **B 726**, 164–177 (2013).
9. ALICE Collaboration, “*D-meson elliptic flow in non-central PbPb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$* ”, PRL **111**, 102301 (2013).
10. ALICE Collaboration, “*Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC*”, JHEP09 049 (2013).
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12. ALICE Collaboration, “*Performance of the ALICE VZERO system*”, 2013 JINST **8** P10016 (2013).
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16. ALICE Collaboration, “*Multiplicity dependence of the average transverse momentum in pp, p-Pb, and Pb-Pb collisions at the LHC*”, Physics Letters **B 727** 371–380 (2013).

17. ALICE Collaboration, “*Charmonium and e^+e^- pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV*”, Eur. Phys. J. C **73**, 2617 (2013).
18. ALICE Collaboration, “*K0s and Lambda production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV*”, Phys. Rev. Lett. **111**, 222301 (2013).
19. ALICE Collaboration, “*Energy Dependence of the Transverse Momentum Distributions of Charged Particles in pp collisions with ALICE*”, Eur. Phys. J. C **73**, 2662 (2013).
20. ALICE Collaboration, “*Directed flow of charged particles at mid-rapidity relative to the spectator plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV*”, Phys. Rev. Lett. **111**, 232302 (2013).
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