University of Zagreb
Faculty of Science
Department of Physics

SCIENTIFIC PUBLICATIONS IN 2025

SCIENTIFIC PUBLICATIONS OF THE DEPARTMENT OF PHYSICS IN 2025
(Web of Science Core Collection)

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1. (PHENIX Collaboration) Abdulameer, N. J.; …; Makek, M.; …; Zou, L.
Low-mass vector-meson production at forward rapidity in p + p and Au + Au collisions at √sNN=200 GeV
PHYSICAL REVIEW C. 112 (2025), 6; 064918
https://doi.org/10.1103/s25h-my1f

2. (PHENIX Collaboration) Abdulameer, N. J.; …; Makek, M.; …; Zou, L.
Measurements at forward rapidity of elliptic flow of charged hadrons and open-heavy-flavor muons in Au + Au collisions at √sNN=200 GeV
PHYSICAL REVIEW C. 112 (2025), 3; 034902
https://doi.org/10.1103/ptpm-jtt8

3. (PHENIX Collaboration) Abdulameer, N. J.; …; Makek, M.; …; Zou, L.
Measurement of elliptic flow of J/ψ in √sNN=200 GeV Au + Au collisions at forward rapidity
PHYSICAL REVIEW C. 112 (2025), 1; 014904
https://doi.org/10.1103/6pmd-6dwr

4. (PHENIX Collaboration) Abdulameer, N. J.; …; Makek, M.; …; Zou, L.
Measurement of inclusive jet cross section and substructure in p + p collisions at √s=200 GeV
PHYSICAL REVIEW D. 111 (2025), 11; 112008
https://doi.org/10.1103/hpm9-qfp6

5. (PHENIX Collaboration) Abdulameer, N. J.; …; Makek, M.; …; Zou, L.
Multiplicity dependent J/ψ and ψ(2S) production at forward and backward rapidity in p + p collisions at √s=200 GeV
PHYSICAL REVIEW D. 112 (2025), 5; L051103
https://doi.org/10.1103/6vqj-wdfr

6. (PHENIX Collaboration) Abdulameer, N. J.; …; Makek, M.; …; Zou, L.
Disentangling Centrality Bias and Final-State Effects in the Production of High-pT Neutral Pions Using Direct Photon in d + Au Collisions at √sNN=200 GeV
PHYSICAL REVIEW LETTERS. 134 (2025), 2; 022302
https://doi.org/10.1103/PhysRevLett.134.022302

7. (Jefferson Lab Hall A Tritium Collaboration) Abrams, D.; …; Androić, D.; …; Zhang, J.
EMC Effect of Tritium and Helium-3 from the JLab MARATHON Experiment
PHYSICAL REVIEW LETTERS. 135 (2025), 6; 62502
https://doi.org/10.1103/31xz-s84d

8. (ALICE Collaboration) Acharya, S.; …; Erhard, F.; …; Jerčić, M.; …; Karatović, D.; …; Planinić, M.; …; Poljak, N.; ...; Zurlo, N.
Multiplicity dependence of Γ production at forward rapidity in pp collisions at √s=13 TeV
NUCLEAR PHYSICS B. 1011 (2025), 116786
https://doi.org/10.1016/j.nuclphysb.2024.116786

9. (ALICE Collaboration) Acharya, S.; …; Erhard, F.; …; Jerčić, M.; …; Karatović, D.; …; Planinić, M.; …; Poljak, N.; ...; Zurlo, N.
First polarisation measurement of coherently photoproduced J/ψ in ultra-peripheral Pb-Pb collisions at √sNN=5.02 TeV
PHYSICS LETTERS B. 865 (2025), 139466
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10. (ALICE Collaboration) Acharya, S.; …; Karatović, D.; …; Kovačić, N.; …; Planinić, M.; …; Poljak, N.; ...; Zurlo, N.
Measurement of ω meson production in pp collisions at √s=13 TeV
JOURNAL OF HIGH ENERGY PHYSICS. (2025), 4; 67
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11. (ALICE Collaboration) Acharya, S.; …; Karatović, D.; …; Kovačić, N.; …; Planinić, M.; …; Poljak, N.; …; Zurlo, N.
Measurement of the inclusive isolated-photon production cross section in pp collisions at √s=13 TeV
EUROPEAN PHYSICAL JOURNAL C. 85 (2025), 1; 98
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Measurement of the production cross section of prompt Ξc0 baryons in p-Pb collisions at √sNN=5.02 TeV
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Addendum: Dielectron production in proton-proton and proton-lead collisions at √sNN = 5.02 TeV (vol 102, 055204, 2020)
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16. (ALICE Collaboration) Acharya, S.; …; Gotovac, S.; ...; Karatović, D.; …; Kovačić, N.; …; Lončar, P.; …; Planinić, M.; …; Poljak, N.; …; Vicković, L.; ...; Zurlo, N.
Common femtoscopic hadron-emission source in pp collisions at the LHC
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Dielectron production in central Pb-Pb collisions at √sNN=5.02 TeV
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Proton emission in ultraperipheral Pb-Pb collisions at √sNN=5.02 TeV
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