

Paola Gianotti

List of Publications by Year in descending order

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Version: 2024-02-01

387
papers

20,034
citations

8755

75
h-index

14759

127
g-index

389
all docs

389
docs citations

389
times ranked

7849
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Prompt D_0 , D^+ , and D^{*+} production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 23 |
| 2 | Crystal slow extraction of positrons from the Frascati DA $\langle \mathit{mml:math} \mathit{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \mathit{mml:mrow} \langle \mathit{mml:mi} \mathit{mathvariant="normal"} \hat{I} \rangle \langle \mathit{mml:mrow} \rangle \langle \mathit{mml:math} \rangle$ NE collider. Physical Review Accelerators and Beams, 2022, 25, . | 1.6 | 1 |
| 3 | Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1. | 3.9 | 7 |
| 4 | Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 1. | 3.9 | 6 |
| 5 | Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 7$ and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 23 |
| 6 | The potential of Λ and Ξ studies with PANDA at FAIR. European Physical Journal A, 2021, 57, 1. | 2.5 | 5 |
| 7 | PANDA Phase One. European Physical Journal A, 2021, 57, 1. | 2.5 | 38 |
| 8 | Dark Matter Searches at LNF. Universe, 2021, 7, 236. | 2.5 | 11 |
| 9 | Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 12 |
| 10 | Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02$, 7 and 13 TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 12 |
| 11 | Coherent ρ/ψ and ω/ψ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 18 |
| 12 | Feasibility studies for the measurement of time-like proton electromagnetic form factors from $p \rightarrow \mu^+ \mu^-$ at \overline{P} ANDA at FAIR. European Physical Journal A, 2021, 57, 1. | 2.5 | 7 |
| 13 | Inclusive ρ/ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 6 |
| 14 | Multiplicity dependence of π , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1. | 3.9 | 38 |
| 15 | Azimuthal correlations of prompt D mesons with charged particles in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1. | 3.9 | 11 |
| 16 | (Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1. | 3.9 | 24 |
| 17 | Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1. | 3.9 | 10 |
| 18 | Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Characterisation and performance of the PADME electromagnetic calorimeter. Journal of Instrumentation, 2020, 15, T10003-T10003. | 1.2 | 8 |
| 20 | Production of Ω mesons in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2020, 80, 1. | 3.9 | 4 |
| 21 | Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1. | 2.5 | 27 |
| 22 | Technical design report for the \overline{P} ANDA Barrel DIRC detector. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 045001. | 3.6 | 28 |
| 23 | Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162. | 2.9 | 71 |
| 24 | Production of deuterons, tritons and ^3He nuclei, and their antinuclei in collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162. | 4.1 | 12 |
| 25 | Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162. | 4.1 | 12 |
| 26 | First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264. | 4.1 | 39 |
| 27 | Performance of the Prototype of the Charged-Particle Veto System of the PADME Experiment. IEEE Transactions on Nuclear Science, 2018, 65, 2029-2035. | 2.0 | 11 |
| 29 | Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2018, 120, 102301. | 7.8 | 80 |
| 30 | The PADME Detector. EPJ Web of Conferences, 2018, 170, 01007. | 0.3 | 3 |
| 31 | Status and prospects for the PADME experiment at LNF. EPJ Web of Conferences, 2018, 166, 00009. | 0.3 | 0 |
| 32 | $\hat{b}+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 42 |
| 33 | Pressure stabilized straw tube modules for the PANDA Forward Tracker. Journal of Instrumentation, 2018, 13, P06009-P06009. | 1.2 | 9 |
| 34 | π^0 and η meson production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1. | 3.9 | 34 |
| 35 | Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32. | 4.1 | 4 |
| 36 | First measurement of $\hat{b}+c$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Search for collectivity with azimuthal $\langle \langle \cos(\phi_1 - \phi_2) \rangle \rangle$ hadron correlations in high-multiplicity Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20. | 4.1 | 24 |
| 38 | Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383. | 4.1 | 7 |
| 39 | $\langle \langle \cos(\phi_1 - \phi_2) \rangle \rangle$ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472. | 4.1 | 92 |
| 40 | Production of μ ons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472. | 4.1 | 6 |
| 41 | Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539. | 16.7 | 399 |
| 42 | Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1. | 3.9 | 62 |
| 43 | Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 77, 245. | 3.9 | 23 |
| 44 | $\langle \langle \cos(\phi_1 - \phi_2) \rangle \rangle$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472. | 4.1 | 54 |
| 45 | W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 13 |
| 46 | Measuring $\langle \langle \cos(\phi_1 - \phi_2) \rangle \rangle$ evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2017, 96, . | 4.1 | 25 |
| 47 | Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions. Physical Review Letters, 2017, 119, 102301. | 2.9 | 10 |
| 48 | Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577. | 7.8 | 13 |
| 49 | Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577. | 4.1 | 24 |
| 50 | Feasibility study for the measurement of $\langle \langle \cos(\phi_1 - \phi_2) \rangle \rangle$ transition distribution amplitudes at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2017, 96, . | 4.1 | 68 |
| 51 | Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 2.9 | 86 |
| 52 | Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review Letters, 2017, 119, 242301. | 4.7 | 21 |
| 53 | Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 9 |
| 54 | Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review Letters, 2017, 119, 242301. | 7.8 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2017, 773, 68-80. | | 50 |
| 56 | ALICE Collaboration. Nuclear Physics A, 2017, 967, 932-941. | 1.5 | 0 |
| 57 | Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1. | 3.9 | 62 |
| 58 | Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302. | 7.8 | 8 |
| 59 | Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 6 |
| 60 | Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301. | 7.8 | 12 |
| 61 | Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339. | 3.9 | 28 |
| 62 | Energy dependence of forward-rapidity $\psi/J/\psi$ and $\psi(2S)/\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392. | 3.9 | 50 |
| 63 | Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389. | 3.9 | 36 |
| 64 | Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1. | 2.6 | 44 |
| 65 | Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, .. | 3.9 | 21 |
| 66 | Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7,$ and 8 TeV. European Physical Journal C, 2017, 77, 1. | 3.9 | 32 |
| 67 | Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 13 |
| 68 | Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1. | 3.9 | 31 |
| 69 | Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1. | 3.9 | 40 |
| 70 | Design of the forward straw tube tracker for the PANDA experiment. Journal of Instrumentation, 2017, 12, C06032-C06032. | 1.2 | 8 |
| 71 | The PANDA physics program. EPJ Web of Conferences, 2016, 130, 01012. | 0.3 | 0 |
| 72 | Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1. | 2.6 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV | 2.9 | 47 |
| 74 | Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250. | 4.1 | 20 |
| 75 | Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329. | 4.1 | 82 |
| 76 | Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56. | 4.1 | 23 |
| 77 | Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032. | 5.4 | 18 |
| 79 | Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pA, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86. | 3.9 | 30 |
| 80 | Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340. | 1.5 | 22 |
| 81 | Pseudorapidity dependence of the anisotropic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907. | 4.1 | 30 |
| 82 | Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in pA-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907. | 4.1 | 93 |
| 83 | Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, 014907. | 2.9 | 36 |
| 84 | Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907. | 2.9 | 43 |
| 85 | Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907. | 7.8 | 77 |
| 86 | Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907. | 2.9 | 187 |
| 87 | Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, 014907. | 2.9 | 36 |
| 88 | Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907. | 2.9 | 37 |
| 89 | Multipion Bose-Einstein correlations in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, 014907. | 2.9 | 25 |
| 90 | | | |

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|-----|--|------|-----------|
| 91 | Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302. | 7.8 | 148 |
| 92 | Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302. | 7.8 | 182 |
| 93 | ALICE Collaboration. Nuclear Physics A, 2016, 956, 913-921. | 1.5 | 1 |
| 94 | Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301. | 7.8 | 138 |
| 95 | Centrality dependence of $\tilde{v}(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 17 |
| 96 | Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 18 |
| 97 | Differential studies of inclusive J/ψ and $\tilde{\chi}(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 33 |
| 98 | Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 40 |
| 99 | Feasibility studies of time-like proton electromagnetic form factors at FAIR. European Physical Journal A, 2016, 52, 1. | 2.5 | 31 |
| 100 | Centrality dependence of charged jet production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271. | 3.9 | 31 |
| 101 | Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 10 |
| 102 | Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 19 |
| 103 | Production of $K^*_{S^*}$ and $\phi(1020)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245. | 3.9 | 89 |
| 104 | Search for weakly decaying exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302. | 4.1 | 27 |
| 105 | Measurement of $\tilde{v}(2S)$ production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248. | 2.76 | 23 |
| 106 | Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401. | 4.1 | 163 |
| 107 | Measurement of $\tilde{v}(2S)$ production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401. | 4.1 | 111 |
| 108 | Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184. | 3.9 | 39 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Forward-central two-particle correlations in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 45 |
| 110 | Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385. | 4.7 | 40 |
| 111 | Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 88 |
| 112 | Measurement of electrons from heavy-flavour hadron decays in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-94. | 4.7 | 33 |
| 113 | Coherent π^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 259-270. | 4.7 | 38 |
| 114 | Centrality dependence of particle production in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 68-81. | 4.7 | 135 |
| 115 | Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity rates in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 68-81. | 4.7 | 11 |
| 116 | One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, . | 4.7 | 46 |
| 117 | Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. Physical Review D, 2015, 91, . | 4.7 | 35 |
| 118 | First Experimental Determination of the One-Proton Induced Non-Mesonic Weak Decay Width for ${}^{\infty}\text{p} < i> \text{p} < /i> \text{-shell } \bar{\nu} \text{-hypernuclei. , 2015, , .$ | | 0 |
| 119 | Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 38 |
| 120 | Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 30 |
| 121 | Coherent π^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 30 |
| 122 | Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 48 |
| 123 | Measurement of charged jet production cross sections and nuclear modification in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 68-81. | 4.7 | 49 |
| 124 | Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 36 |
| 125 | Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 35 |
| 126 | Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 50 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 127 | Experimental techniques in hadron spectroscopy. EPJ Web of Conferences, 2015, 95, 03012. | 0.3 | 1 |
| 128 | Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 28 |
| 129 | Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14. | 4.1 | 60 |
| 130 | Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, . | 4.7 | 105 |
| 131 | Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ in proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1. | 4.1 | 19 |
| 132 | Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, . | 4.7 | 25 |
| 133 | Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, . | 2.9 | 100 |
| 134 | Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ in proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1. | 3.9 | 125 |
| 135 | Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1. | 3.9 | 12 |
| 136 | Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 118 |
| 137 | Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226. | 3.9 | 149 |
| 138 | Experimental access to Transition Distribution Amplitudes with the P_{11} ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1. | 2.5 | 29 |
| 139 | Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814. | 16.7 | 41 |
| 140 | Centrality dependence of jet-like two-particle correlation structures in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50. | 4.1 | 33 |
| 141 | Neutron emission from electromagnetic dissociation of Pb nuclei at $\sqrt{s_{NN}} = 2.76$ TeV measured with the ALICE ZDC. EPJ Web of Conferences, 2014, 70, 00073. | 0.3 | 0 |
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