

Yvonne Pachmayer

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

5,239
citations

81900

39
h-index

91884

69
g-index

132
all docs

132
docs citations

132
times ranked

5996
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 228 |
| 2 | Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7\mathrm{TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354. | 3.9 | 212 |
| 3 | Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900\mathrm{GeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1. | 3.9 | 209 |
| 4 | Charmonium and $e+e'$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. European Physical Journal C, 2013, 73, 2617. | 3.9 | 203 |
| 5 | Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456. | 3.9 | 202 |
| 6 | Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and $2.36\mathrm{TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108. | 3.9 | 199 |
| 7 | Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s}=7\mathrm{TeV}$. European Physical Journal C, 2015, 75, 226. | 3.9 | 149 |
| 8 | Strange particle production in proton-proton collisions at $\sqrt{s}=0.9\mathrm{TeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1. | 3.9 | 140 |
| 9 | Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=7\mathrm{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 139 |
| 10 | Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ and $\Xi(1530)^{\pm}$ in proton-proton collisions at $\sqrt{s}=7\mathrm{TeV}$. European Physical Journal C, 2015, 75, 1. | 3.9 | 125 |
| 11 | First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900\mathrm{GeV}$. European Physical Journal C, 2010, 65, 111-125. | 3.9 | 124 |
| 12 | Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 118 |
| 13 | Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76\mathrm{TeV}$. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 115 |
| 14 | Production of $K^{*}(892)^0$ and $\bar{\Lambda}(1020)$ in pp collisions at $\sqrt{s}=7\mathrm{TeV}$. European Physical Journal C, 2012, 72, 1. | 3.9 | 111 |
| 15 | Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662. | 3.9 | 101 |
| 16 | Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 97 |
| 17 | Measurement of quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=7\mathrm{TeV}$. European Physical Journal C, 2014, 74, 2974. | 3.9 | 89 |
| 18 | Production of $K^{*}(892)^0$ and $\phi(1020)$ in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02\mathrm{TeV}$. European Physical Journal C, 2016, 76, 245. | 3.9 | 89 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 88 |
| 20 | Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2014, 74, 1. | 3.9 | 72 |
| 21 | Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 68 |
| 22 | 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 |
| 23 | 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 |
| 24 | Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1. | 3.9 | 61 |
| 25 | Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 58 |
| 26 | Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2014, 74, 1. | 3.9 | 58 |
| 27 | Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 55 |
| 28 | Measurement of D^0 , D^+ , D^{*+} and D_s^+ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 54 |
| 29 | 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 |
| 30 | Energy dependence of forward-rapidity $\langle \psi \rangle / \langle \bar{\psi} \rangle$ and $\langle \psi \rangle \langle \bar{\psi} \rangle$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392. | 3.9 | 50 |
| 31 | Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s}=5.02$ and 13 TeV. European Physical Journal C, 2019, 79, 1. | 3.9 | 49 |
| 32 | Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 1. | 3.9 | 49 |
| 33 | Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 48 |
| 34 | J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 44 |
| 35 | Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1. | 2.6 | 44 |
| 36 | Measurement of D^0 , D^+ , D^{*+} and D_s^+ production in pp collisions at $\sqrt{s}=5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1. | 3.9 | 43 |

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|----|--|-----|-----------|
| 37 | $\bar{\Lambda}+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 42 |
| 38 | Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $s_{\mathrm{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 40 |
| 39 | Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1. | 3.9 | 40 |
| 40 | Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 40 |
| 41 | Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 184. | 3.9 | 39 |
| 42 | Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $s_{\mathrm{NN}}=5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 38 |
| 43 | Multiplicity dependence of π , K, and p production in pp collisions at $\sqrt{s}=13.6$ TeV. European Physical Journal C, 2020, 80, 1. | 3.9 | 38 |
| 44 | Forward-backward multiplicity correlations in pp collisions at $s_{\mathrm{NN}}=0.9, 2.76$ and 7 TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 36 |
| 45 | Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389. | 3.9 | 36 |
| 46 | Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $s_{\mathrm{NN}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 35 |
| 47 | 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 |
| 48 | Energy dependence of exclusive γ/ψ photoproduction off protons in ultra-peripheral p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2019, 79, 1. | 3.9 | 34 |
| 49 | Differential studies of inclusive J/ψ and $\Upsilon(2S)$ production at forward rapidity in Pb-Pb collisions at $s_{\mathrm{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 33 |
| 50 | Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s}=0.9, 2.76$ and 7 TeV. European Physical Journal C, 2012, 72, 1. | 3.9 | 32 |
| 51 | 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 |
| 52 | Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s}=0.9, 2.76$ and 7 TeV measured by ALICE. European Physical Journal C, 2013, 73, 1. | 3.9 | 31 |
| 53 | Centrality dependence of charged jet production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2016, 76, 271. | 3.9 | 31 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1. | 3.9 | 31 |
| 56 | Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 30 |
| 57 | Coherent ρ^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 30 |
| 58 | Multiplicity and transverse momentum evolution of charge-dependent correlations in pp , Pb-Pb , and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86. | 3.9 | 30 |
| 59 | Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1. | 2.6 | 29 |
| 60 | Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 28 |
| 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 | Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 24 |
| 63 | (Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1. | 3.9 | 24 |
| 64 | The upgrade of the ALICE TPC with GEMs and continuous readout. Journal of Instrumentation, 2021, 16, P03022. | 1.2 | 24 |
| 65 | Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245. | 3.9 | 23 |
| 66 | Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 7$ TeV and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 23 |
| 67 | Prompt D^0 , D^+ , and D^{*+} production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 23 |
| 68 | Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 20 |
| 69 | Measurement of D_s production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 19 |
| 70 | Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 18 |
| 71 | Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 18 |
| 72 | Measurement of prompt D^0 , D^+ , D^{*+} , and D_s^+ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Coherent χ/ψ and χ/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 |
| 74 | Centrality dependence of $\tilde{\chi}(2S)$ suppression in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 17 |
| 75 | Measurement of beauty and charm production in pp collisions at $\sqrt{s}=5.02$ TeV via non-prompt and prompt D mesons. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 17 |
| 76 | Prompt and non-prompt χ/ψ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1. | 3.9 | 16 |
| 77 | Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 16 |
| 78 | Relative particle yield fluctuations in $\sqrt{s_{\mathrm{NN}}}=2.76$ Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. European Physical Journal C, 2019, 79, 1. | 3.9 | 15 |
| 79 | Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 15 |
| 80 | Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 15 |
| 81 | J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 14 |
| 82 | Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 14 |
| 83 | W and Z boson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 13 |
| 84 | 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 |
| 85 | Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1. | 3.9 | 13 |
| 86 | Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 13 |
| 87 | 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 |
| 88 | Charged-particle pseudorapidity density at mid-rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. European Physical Journal C, 2019, 79, 1. | 3.9 | 12 |
| 89 | Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 12 |
| 90 | 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 |

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|-----|--|-----|-----------|
| 91 | 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 |
| 92 | Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 11 |
| 93 | Azimuthal correlations of prompt D mesons with charged particles in pp and p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ hbox {TeV}. European Physical Journal C, 2020, 80, 1. | 3.9 | 11 |
| 94 | Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 11 |
| 95 | Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 11 |
| 96 | Measurement of the production cross section of prompt Ξ_{c}^0 baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 11 |
| 97 | Measurement of D-meson production versus multiplicity in p-Pb collisions at $s_{\text{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 10 |
| 98 | Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ hbox {TeV} and p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ hbox {TeV}. European Physical Journal C, 2020, 80, 1. | 3.9 | 10 |
| 99 | Measurement of electrons from beauty-hadron decays in p-Pb collisions at $s_{\text{NN}} = 5.02$ TeV and Pb-Pb collisions at $s_{\text{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 9 |
| 100 | Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 9 |
| 101 | Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 9 |
| 102 | Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 8 |
| 103 | Measurement of the inclusive isolated photon production cross section in $\text{p} \text{ ext}{ p}$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1. | 3.9 | 8 |
| 104 | Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 7 |
| 105 | Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1. | 3.9 | 7 |
| 106 | Measurement of the nuclear modification factor of electrons from heavy-flavour decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124186. | 3.6 | 6 |
| 107 | Dielectron production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 6 |
| 108 | Measurement of nuclear effects on $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 6 |

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|-----|---|-----|-----------|
| 109 | Inclusive χ/ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 6 |
| 110 | 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 |
| 111 | Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{\text{NN}}}=5.02$ TeV p-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 5 |
| 112 | Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 5 |
| 113 | Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1. | 3.9 | 5 |
| 114 | Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 5 |
| 115 | Physics with the ALICE Transition Radiation Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 706, 6-11. | 1.6 | 4 |
| 116 | Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 4 |
| 117 | J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 4 |
| 118 | Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 4 |
| 119 | Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 4 |
| 120 | Centrality dependence of J/ψ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 4 |
| 121 | Production of ω mesons in pp collisions at $\sqrt{s}=7, \text{ext } \{TeV\}$. European Physical Journal C, 2020, 80, 1. | 3.9 | 4 |
| 122 | ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ s NN. European Physical Journal C, 2018, 78, 1. | 3.9 | 3 |
| 123 | Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 2 |
| 124 | Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at \sqrt{s} , $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 1 |
| 125 | K_S^0 - and (anti)- Λ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 1 |
| 126 | First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Particle identification with the ALICE transition radiation detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 766, 292-295. | 1.6 | 0 |
| 128 | Fast Simulation of the Impact Parameter Calculation of Electrons through Pair Production. Journal of the Korean Physical Society, 2018, 72, 1152-1157. | 0.7 | 0 |
| 129 | Heavy Ions, Experimental Overview. , 2021, , . | | 0 |
| 130 | Heavy flavour production measurements in p-p collisions at the LHC with ALICE. , 2012, , . | | 0 |