

# Kjetil Ullaland

## List of Publications by Year in descending order

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Version: 2024-02-01

162  
papers

6,175  
citations

71102

41  
h-index

79698

73  
g-index

169  
all docs

169  
docs citations

169  
times ranked

6721  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.                                     | 4.7 | 6         |
| 2  | Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.  | 4.7 | 9         |
| 3  | Prompt D0, 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        |
| 4  | Prompt and non-prompt $J/\psi$ production cross sections at midrapidity in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.                             | 4.7 | 9         |
| 5  | Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.   | 3.9 | 7         |
| 6  | 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         |
| 7  | Measurements of the groomed and ungroomed jet angularities in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, .   | 4.7 | 8         |
| 8  | Terrestrial Gamma-Ray Flashes With Accompanying Elves Detected by ASIM. Journal of Geophysical Research D: Atmospheres, 2022, 127, .  | 3.3 | 11        |
| 9  | Centrality dependence of $J/\psi$ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.                  | 4.7 | 4         |
| 10 | Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 5.02$ and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.   | 3.9 | 23        |
| 11 | Constraining Spectral Models of a Terrestrial Gamma-Ray Flash From a Terrestrial Electron Beam Observation by the Atmosphere-Space Interactions Monitor. Geophysical Research Letters, 2021, 48, e2021GL093152. | 4.0 | 6         |
| 12 | 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         |
| 13 | Simultaneous Observations of EIP, TGF, Elve, and Optical Lightning. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033921.   | 3.3 | 15        |
| 14 | A Rapid Gamma-Ray Glow Flux Reduction Observed From 20 km Altitude. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033467.   | 3.3 | 9         |
| 15 | 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        |
| 16 | Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe–Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.  | 3.9 | 12        |
| 17 | Investigating particle track topology for range telescopes in particle radiography using convolutional neural networks. Acta Oncologica, 2021, 60, 1413-1418.   | 1.8 | 6         |
| 18 | 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        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Coherent $\mathrm{J}/\psi$ and $\Upsilon$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} \sim 5.02$ TeV. European Physical Journal C, 2021, 81, 1.  | 3.9  | 18        |
| 20 | Energy dependence of $\phi$ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.   | 3.9  | 5         |
| 21 | Helium radiography with a digital tracking calorimeter—a Monte Carlo study for secondary track rejection. Physics in Medicine and Biology, 2021, 66, 035004.  | 3.0  | 8         |
| 22 | Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.  | 4.7  | 1         |
| 23 | $K_S^0$ and (anti-) $\Lambda$ hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.  | 3.9  | 1         |
| 24 | First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.   | 4.7  | 1         |
| 25 | Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.   | 4.7  | 5         |
| 26 | Measurement of the production cross section of prompt $\chi_{\mathrm{c}}^0$ baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.  | 4.7  | 11        |
| 27 | Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.  | 3.9  | 2         |
| 28 | Spectral Analysis of Individual Terrestrial Gamma-Ray Flashes Detected by ASIM. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035347.   | 3.3  | 10        |
| 29 | Very-high-frequency oscillations in the main peak of a magnetar giant flare. Nature, 2021, 600, 621-624.  | 27.8 | 20        |
| 30 | Inclusive $\mathrm{ext} \psi$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.  | 3.9  | 6         |
| 31 | Characterization of monolithic CMOS pixel sensor chip with ion beams for application in particle computed tomography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162626. | 1.6  | 6         |
| 32 | A terrestrial gamma-ray flash and ionospheric ultraviolet emissions powered by lightning. Science, 2020, 367, 183-186.  | 12.6 | 60        |
| 33 | $f_0$ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.   | 4.7  | 4         |
| 34 | Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.   | 4.7  | 4         |
| 35 | A High-Granularity Digital Tracking Calorimeter Optimized for Proton CT. Frontiers in Physics, 2020, 8, .   | 2.1  | 21        |
| 36 | Multiplicity dependence of $\pi$ , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.   | 3.9  | 38        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Azimuthal correlations of prompt D mesons with charged particles in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02 \text{ hbox {TeV}}$ . European Physical Journal C, 2020, 80, 1.                          | 3.9 | 11        |
| 38 | Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.  | 4.7 | 6         |
| 39 | $J/\psi$ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.   | 4.7 | 14        |
| 40 | (Anti-)deuteron production in pp collisions at $\sqrt{s} = 13 \text{ ext {TeV}}$ . European Physical Journal C, 2020, 80, 1.  | 3.9 | 24        |
| 41 | Image quality of list-mode proton imaging without front trackers. Physics in Medicine and Biology, 2020, 65, 135012.  | 3.0 | 8         |
| 42 | Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7 \text{ hbox {TeV}}$ and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02 \text{ hbox {TeV}}$ . European Physical Journal C, 2020, 80, 1. | 3.9 | 10        |
| 43 | Coherent photoproduction of $\Upsilon(0)$ vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.                          | 4.7 | 11        |
| 44 | Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.   | 4.7 | 4         |
| 45 | Studies of $J/\psi$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.  | 4.7 | 13        |
| 46 | Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ . European Physical Journal C, 2020, 80, 1.   | 3.9 | 49        |
| 47 | Underlying event properties in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.  | 4.7 | 11        |
| 48 | Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.  | 4.7 | 15        |
| 49 | Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ and $5.02 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.   | 4.7 | 15        |
| 50 | Production of $\Omega$ mesons in pp collisions at $\sqrt{s} = 7, \text{ ext {TeV}}$ . European Physical Journal C, 2020, 80, 1.   | 3.9 | 4         |
| 51 | Charged-particle pseudorapidity density at mid-rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16 \text{ TeV}$ . European Physical Journal C, 2019, 79, 1.   | 3.9 | 12        |
| 52 | Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and $13 \text{ TeV}$ . European Physical Journal C, 2019, 79, 1.                            | 3.9 | 49        |
| 53 | Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . Journal of High Energy Physics, 2019, 2019, 1.   | 4.7 | 9         |
| 54 | Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ . Journal of High Energy Physics, 2019, 2019, 1.   | 4.7 | 11        |

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|----|---|-----|-----------|
| 55 | 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         |
| 56 | Design optimization of a pixel-based range telescope for proton computed tomography. Physica Medica, 2019, 63, 87-97.   | 0.7 | 18        |
| 57 | Gamma Ray Glow Observations at 20 km Altitude. Journal of Geophysical Research D: Atmospheres, 2019, 124, 7236-7254.  | 3.3 | 30        |
| 58 | Measurement of $\mathcal{D}^0$ , $\mathcal{D}^+$ , $\mathcal{D}^{*+}$ and $\mathcal{D}^+_{\text{s}}$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.                 | 3.9 | 43        |
| 59 | Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s_{\text{NN}}} = 5.02$ TeV pPb collisions. Journal of High Energy Physics, 2019, 2019, 1.                    | 4.7 | 5         |
| 60 | Energy dependence of exclusive $\mathcal{J}/\psi$ photoproduction off protons in ultra-peripheral pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.                                | 3.9 | 34        |
| 61 | The Modular X- and Gamma-Ray Sensor (MXGS) of the ASIM Payload on the International Space Station. Space Science Reviews, 2019, 215, 1.   | 8.1 | 42        |
| 62 | Relative particle yield fluctuations in $\sqrt{s_{\text{NN}}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.  | 3.9 | 15        |
| 63 | Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.  | 4.7 | 16        |
| 64 | Study of $J/\psi$ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.   | 4.7 | 12        |
| 65 | Measurement of prompt $\mathcal{D}^0$ , $\mathcal{D}^+$ , $\mathcal{D}^{*+}$ , and $\mathcal{D}^+_{\text{s}}$ production in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 18        |
| 66 | The First Terrestrial Electron Beam Observed by the Atmosphere-Space Interactions Monitor. Journal of Geophysical Research: Space Physics, 2019, 124, 10497-10511.  | 2.4 | 8         |
| 67 | First 10 Months of TGF Observations by ASIM. Journal of Geophysical Research D: Atmospheres, 2019, 124, 14024-14036.  | 3.3 | 52        |
| 68 | Inclusive $J/\psi$ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.   | 4.7 | 14        |
| 69 | Measurement of the inclusive isolated photon production cross section in $\sqrt{s} = 7$ TeV collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.   | 3.9 | 8         |
| 70 | 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         |
| 71 | Measurement of $\mathcal{D}^0$ , $\mathcal{D}^+$ , $\mathcal{D}^{*+}$ and $\mathcal{D}^+_{\text{s}}$ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.        | 4.7 | 54        |
| 72 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 73 | 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        |
| 74 | Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.   | 4.7 | 6         |
| 75 | 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        |
| 76 | Inclusive $J/\psi$ 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         |
| 77 | Neutral pion and $\eta$ meson production in p-Pb collisions at $\sqrt{s_{\text{NN}}}$ s NN. European Physical Journal C, 2018, 78, 1.   | 3.9 | 31        |
| 78 | $\phi$ 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         |
| 79 | Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.   | 4.7 | 40        |
| 80 | $\bar{b}+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.   | 4.7 | 42        |
| 81 | Measurement of the inclusive $J/\psi$ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ s. European Physical Journal C, 2018, 78, 1.  | 3.9 | 13        |
| 82 | Prompt and non-prompt $\chi_c/\psi$ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ s NN. European Physical Journal C, 2018, 78, 1.   | 3.9 | 16        |
| 83 | $\pi^0$ and $\eta$ meson production in proton-proton collisions at $\sqrt{s}=8$ s = 8 TeV. European Physical Journal C, 2018, 78, 1.  | 3.9 | 34        |
| 84 | Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ s = 0.9 to 8 TeV. European Physical Journal C, 2017, 77, 1.   | 3.9 | 62        |
| 85 | Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ s = 7 TeV and p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ s NN = 5.02 TeV. European Physical Journal C, 2017, 77, 245.           | 3.9 | 23        |
| 86 | Proton tracking in a high-granularity Digital Tracking Calorimeter for proton CT purposes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 860, 51-61. | 1.6 | 22        |
| 87 | W and Z boson production in p-Pb collisions at s NN = 5.02 $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.  | 4.7 | 13        |
| 88 | Measurement of electrons from beauty-hadron decays in p-Pb collisions at s NN = 5.02 $\sqrt{s_{\text{NN}}}=5.02$ TeV and Pb-Pb collisions at s NN = 2.76 $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.      | 4.7 | 9         |
| 89 | Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s}=7$ s = 7 TeV. European Physical Journal C, 2017, 77, 1.   | 3.9 | 62        |
| 90 | Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at s NN = 2.76 $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.  | 4.7 | 6         |

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|-----|--|-----|-----------|
| 91  | Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.   | 3.9 | 28        |
| 92  | Energy dependence of forward-rapidity $J/\psi$ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.  | 3.9 | 50        |
| 93  | Production of $\Sigma(1385)^\pm$ . European Physical Journal C, 2017, 77, 389.   | 3.9 | 36        |
| 94  | Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.  | 2.6 | 44        |
| 95  | Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8$ TeV. European Physical Journal C, 2017, 77, 1. | 3.9 | 32        |
| 96  | 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        |
| 97  | 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        |
| 98  | 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        |
| 99  | Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.   | 2.6 | 29        |
| 100 | Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.                       | 3.9 | 30        |
| 101 | Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.   | 4.7 | 17        |
| 102 | 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        |
| 103 | Differential studies of inclusive $J/\psi$ and $\psi(2S)$ 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        |
| 104 | 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        |
| 105 | Centrality dependence of charged jet production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.  | 3.9 | 31        |
| 106 | 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        |
| 107 | Measurement of D + 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        |
| 108 | Production of $K^*_{S^0}$ and $\phi(1020)$ in p-Pb collisions at $\sqrt{s_{ext NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.   | 3.9 | 89        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 184.   | 3.9 | 39        |
| 110 | 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        |
| 111 | Rapidity and transverse-momentum dependence of the inclusive $J/\psi$ 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        |
| 112 | Inclusive, prompt and non-prompt $J/\psi$ 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        |
| 113 | Coherent $\bar{p}0$ 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        |
| 114 | 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        |
| 115 | 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        |
| 116 | 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        |
| 117 | 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        |
| 118 | Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.   | 4.7 | 28        |
| 119 | Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2015, 75, 1.   | 3.9 | 125       |
| 120 | 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        |
| 121 | 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       |
| 122 | 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       |
| 123 | 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        |
| 124 | Transverse momentum dependence of inclusive primary charged-particle production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2014, 74, 1.                           | 3.9 | 58        |
| 125 | Suppression of $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.   | 4.7 | 24        |
| 126 | Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2014, 74, 1.  | 3.9 | 72        |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.   | 4.7 | 68        |
| 128 | $J/\psi$ production and nuclear effects in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.   | 4.7 | 44        |
| 129 | Measurement of quarkonium production at forward rapidity in $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.  | 3.9 | 89        |
| 130 | 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       |
| 131 | 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        |
| 132 | Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.  | 4.7 | 18        |
| 133 | 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       |
| 134 | Charmonium and $e + e^{-}$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.             | 3.9 | 203       |
| 135 | BCO front-end electronics and signal processing in the MXGS instrument for the ASIM mission. , 2012, , .  |     | 0         |
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