

# Luca Barioglio

## List of Publications by Year in descending order

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Version: 2024-02-01

152  
papers

3,867  
citations

101543

36  
h-index

182427

51  
g-index

154  
all docs

154  
docs citations

154  
times ranked

4984  
citing authors

#	ARTICLE	IF	CITATIONS
1	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. Physical Review D, 2022, 105. Measurement of Prompt $D$ production in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	24
2	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136943.	7.8	18
3	Observation of a multiplicity dependence in the $p_T$ -differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137065.	4.1	15
4	Prompt $D_0$ , $D^+$ , and $D^{*+}$ production in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
5	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136943.	7.8	11
6	Observation of a multiplicity dependence in the $p_T$ -differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137065.	4.1	15
7	Investigating the role of strangeness in baryon-antibaryon annihilation at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137060.	4.1	13
8	Measurement of prompt $D$ production in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.1	18
9	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, 52, 3920.	3.9	6
10	Production of light-flavor hyperons along the beam direction in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137065.	7.8	15
11	Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 52, 3920.	3.9	3
12	Hypertriton Production in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2022, 128, .	7.8	9
13	Exploring the $N\bar{N}$ coupled system with high precision correlation techniques at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137272.	4.1	19
14	Constraining the production mechanism of light (anti-)nuclei in small systems with ALICE at the LHC. Nuclear Physics A, 2021, 1005, 121732.	1.5	0
15	Multiplicity dependence of D-meson flow harmonics in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137065.	4.1	22
16	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
17	Elliptic Flow of Electrons from Beauty-Hadron Decays in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2021, 126, 162001.	7.8	10
18	First measurement of quarkonium polarization in nuclear collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136146.	4.1	11

#	ARTICLE	IF	CITATIONS
19	<p> <math display="block">K^0</math>                     femtoscopy in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 5.44</math> TeV. Physical Review C, 2021, 103, 042302.                 </p>	2.9	8
20	<p>                     Soft-Dielectron Excess in Proton-Proton Collisions at <math>\sqrt{s} = 13.6</math> TeV. Physical Review Letters, 2021, 127, 042302.                 </p>	7.8	3
21	<p>                     Production of pions, kaons, (anti-)protons and <math>\phi</math> mesons in Xe-Xe collisions at <math>\sqrt{s_{NN}} = 5.44</math> TeV. European Physical Journal C, 2021, 81, 1.                 </p>	3.9	12
22	<p>                     Jet-associated deuteron production in pp collisions at <math>\sqrt{s} = 13</math> TeV. Physical Review Letters, 2021, 127, 136440.                 </p>	4.1	6
23	<p>                     Multiplicity dependence of <math>K_S^0</math> and <math>\Lambda</math> production in pp collisions at <math>\sqrt{s} = 5.02</math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136440.                 </p>	4.1	14
24	<p> <math>K_S^0</math> and (anti-<math>\Lambda</math>)-hadron correlations in pp collisions at <math>\sqrt{s} = 13.6</math> TeV. European Physical Journal C, 2021, 81, 1.                 </p>	3.9	1
25	<p>                     Kaon-proton strong interaction at low relative momentum via femtoscopy in Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136708.                 </p>	4.1	8
26	<p>                     Experimental Evidence for an Attractive <math>p</math>-<math>\bar{p}</math> Interaction. Physical Review Letters, 2021, 127, 172301.                 </p>	7.8	30
27	<p>                     Production and Baryon-to-Meson Ratios in <math>p</math>-<math>p</math> collisions at <math>\sqrt{s} = 13.6</math> TeV. Physical Review Letters, 2021, 127, 172301.                 </p>	7.8	29
28	<p>                     Production of <math>p</math> and <math>\bar{p}</math> in <math>p</math>-<math>p</math> collisions at <math>\sqrt{s} = 13.6</math> TeV. Physical Review Letters, 2021, 127, 172301.                 </p>	7.8	23
29	<p>                     Charged-particle multiplicity fluctuations in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. European Physical Journal C, 2021, 81, 1.                 </p>	3.9	2
30	<p>                     Measurement of the Cross Sections of <math>\psi(2S)</math> and <math>\psi(3770)</math> production in <math>p</math>-<math>p</math> collisions at <math>\sqrt{s} = 13.6</math> TeV. European Physical Journal C, 2021, 81, 1.                 </p>	7.8	21
31	<p>                     Inclusive <math>\psi(2S)</math> production at midrapidity in pp collisions at <math>\sqrt{s} = 13.6</math> TeV. European Physical Journal C, 2021, 81, 1.                 </p>	3.9	6
32	<p>                     Multiplicity dependence of light (anti-)nuclei production in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 5.02</math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.                 </p>	4.1	27
33	<p>                     Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at <math>\sqrt{s_{NN}} = 5.02</math> TeV. Journal of High Energy Physics, 2020, 2020, 1.                 </p>	4.7	4
34	<p>                     Multiplicity dependence of <math>K^*(892)^0</math> and <math>\bar{K}^*(1020)</math> production in pp collisions at <math>\sqrt{s} = 13</math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.                 </p>	4.1	22
35	<p>                     Search for a common baryon source in high-multiplicity pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.                 </p>	4.1	37
36	<p>                     Global baryon number conservation encoded in net-proton fluctuations measured in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564.                 </p>	4.1	35

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37	Multiplicity dependence of $\pi^0$ , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
38	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	2.9	4
39	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
40	Multiplicity dependence of inclusive $J/\psi$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135758.	4.1	26
41	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
42	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
43	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
44	Measurement of isolated photon-hadron correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	3
45	Centrality and transverse momentum dependence of inclusive $J/\psi$ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135434.	4.1	18
46	Measurement of the (anti)3He elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	4.1	7
47	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	4.1	6
48	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
49	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
50	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. Physical Review Letters, 2020, 125, 022301.	7.8	49
51	Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135227.	4.1	20
52	Studies of $J/\psi$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
53	Measurements of inclusive jet spectra in central and central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	2.9	29
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55	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, 054907.	2.9	110
56	Global polarization of $\Lambda$ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, 054908.	2.9	55
57	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, 054907.	2.9	16
58	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, 054909.	4.1	14
59	Measurement of strange baryon-antibaryon interactions with femtoscopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
60	Investigation of the $\Lambda$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
61	Production of $\Omega$ mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
62	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, 054910.	4.1	7
63	Measurement of $\Lambda$ and $\bar{\Lambda}$ hyperon polarization in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at mid-rapidity. Physical Review C, 2010, 81, 054911.	2.9	20
64	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
65	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
66	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
67	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and $13.6$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
68	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
69	Measurement of $\Lambda$ and $\bar{\Lambda}$ hyperon polarization in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at mid-rapidity. Physical Review C, 2010, 81, 054912.	7.8	38
70	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at mid-rapidity. Physical Review C, 2010, 81, 054913.	7.8	64
71	Measurement of $\Lambda$ and $\bar{\Lambda}$ hyperon polarization in $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions at mid-rapidity. Physical Review C, 2010, 81, 054914.	2.9	7
72	Study of the $\Lambda$ interaction with femtoscopy correlations in $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	4.1	64

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73	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.	4.1	37
74	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
75	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
76	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
77	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.	4.1	37
78	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
79	Analysis of the apparent nuclear modification in peripheral Pb-Pb collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	17
80	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.1	27
81	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.	3.9	43
82	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{NN}}=5.02$ TeV Pb-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
83	Energy dependence of exclusive $\psi/\psi'$ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
84	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and $\sqrt{s}=8$ TeV. Physical Review C, 2019, 99, 1.	2.9	19
85	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	2.9	64
86	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2019, 99, 1.	2.9	20
87	Suppression of heavy-flavor hadron production in central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2019, 99, 1.	2.9	89
88	Multiplicity dependence of light-flavor hadron production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	2.9	89
89	ALICE Collaboration. Nuclear Physics A, 2019, 982, 975-984.	1.5	1

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91	Relative particle yield fluctuations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
92	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
93	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
94	Study of $J/\psi$ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
95	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2019, 99, 014004.	4.7	9
96	Measurement of prompt D0, D+, D*+, and $D_s^+$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
97	Measurement of charged jet cross section in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review D, 2019, 99, 014004.	4.7	8
98	Two-particle differential transverse momentum and number density correlations in Pb-Pb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. Physical Review C, 2019, 100, 014904.	2.9	10
99	Two-particle differential transverse momentum and number density correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV and Pb-Pb collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, 2019, 811, 297-301.	4.1	62
100	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 014904.	4.1	55
101	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 014904.	4.1	13
102	Transverse momentum spectra and nuclear modification factors of charged particles in Xe+Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	67
103	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
104	Measurement of the inclusive isolated photon production cross section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
105	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 014904.	2.9	25
106	Production of deuterons, tritons, and $^3\text{He}$ nuclei, and their antinuclei in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 014904.	2.9	71
107	Production of deuterons, tritons, and $^3\text{He}$ nuclei, and their antinuclei in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 014904.	1.5	74
108	$J/\psi$ production as a function of charged-particle pseudorapidity density in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 97, 1-20.	4.1	12

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109	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.1	39
110	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
111	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	7.8	80
112	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
113	Neutral pion and $\eta$ meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
114	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
115	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
116	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
117	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
118	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
119	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
120	Neutral pion and $\eta$ meson production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
121	Inclusive $J/\psi$ production in Xe-Xe collisions at $\sqrt{s_{\text{NN}}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-429.	4.7	10
122	$\phi$ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	3
123	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
124	$\Lambda^0$ 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
125	Measurement of the inclusive $J/\psi$ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	13
126	Constraints on jet quenching in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 95-113.	4.1	28



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127	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 320-331.	4.1	1
128	Prompt and non-prompt $\psi(2S)$ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
129	Anisotropic flow in Xe-Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.	7.8	17
130	$\pi^0$ and $\eta$ meson production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
131	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
132	First measurement of $\eta$ production in p-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	24
133	Production of muons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	4.1	24
134	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
135	Production of muons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	4.1	6
136	Measuring $K_S^0$ production in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	4.1	25
137	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 567-577.	4.1	68
138	Measurement of $\eta$ meson production at high transverse momentum in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 96, 014907.	2.9	86
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143	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	7.8	8
144	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12

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145	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
146	Energy dependence of forward-rapidity $\psi/J/\psi$ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
147	Production of $\Sigma(1385)^{\pm}$ . European Physical Journal C, 2017, 77, 389.	3.9	36
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150	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
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