

Elena Botta

List of Publications by Year in descending order

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Version: 2024-02-01

405
papers

16,709
citations

14614

66
h-index

24179

110
g-index

406
all docs

406
docs citations

406
times ranked

7147
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 pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136943.	1.6	24
2	Measurement of Prompt D production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136943.	2.9	18
3	Measurement of Prompt D production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136943.	1.5	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.	1.6	23
5	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	2.9	11
6	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	7
7	Observation of a multiplicity dependence in the p_T -differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	1.5	15
8	Production of Λ and Λ_c in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	1.5	3
9	Production of Λ and Λ_c in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	1.5	18
10	Measurement of $K_S^0(892)$ production in inelastic pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 828, 137013.	1.5	3
11	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.	1.4	6
12	Polarization of Λ and Λ_c in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	2.9	15
13	Hyperons along the Beam Direction in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	1.4	3
14	Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	2.9	9
15	Hypertriton Production in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	1.5	22
16	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	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.	2.9	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.	1.5	11

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19	First measurement of the $ t $ -dependence of coherent J/ψ photonuclear production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136280.	1.5	21
20	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s}=13.6$ TeV. Physical Review Letters, 2021, 127, 042302.	2.9	3
21	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136440.	1.5	15
22	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	12
23	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.	1.4	12
24	Coherent ψ and ψ' photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76-5.02$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	18
25	Jet-associated deuteron production in pp collisions at $\sqrt{s_{NN}}=13.6$ TeV. Physical Review Letters, 2021, 127, 092302.	1.5	6
26	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review Letters, 2021, 127, 092302.	2.9	9
27	ψ production and nuclear modification at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136440.	1.5	4
28	Production and Baryon-to-Meson Ratios in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136440.	1.5	14
29	Production and Baryon-to-Meson Ratios in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136440.	1.5	7
30	K_S^0 and (anti- Λ)-hadron correlations in pp collisions at $\sqrt{s}=13.6$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	1
31	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.	1.5	8
32	Experimental Evidence for an Attractive Interaction. Physical Review Letters, 2021, 127, 172301.	2.9	30
33	Production and Baryon-to-Meson Ratios in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136440.	2.9	29
34	Production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136440.	1.1	23
35	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	2
36	Measurement of the Cross Sections of ψ and ψ' photoproduction and ψ production and in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76-5.02$ TeV. European Physical Journal C, 2021, 81, 1.	2.9	21

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37	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	6
38	Multiplicity dependence of light (anti-)nuclei production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	1.5	27
39	An event excess observed in the deeply bound region of the ^{12}C (K^+ , p) missing-mass spectrum. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	5
40	Multiplicity dependence of $K^*(892)0$ and $\bar{\Lambda}(1020)$ production in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	1.5	22
41	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.	1.5	37
42	Global baryon number conservation encoded in net-proton fluctuations measured in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564.	1.5	35
43	Multiplicity dependence of π , K , and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	38
44	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, .	1.1	4
45	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	11
46	Multiplicity dependence of inclusive J/ψ 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.	1.5	26
47	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.1	3
48	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.1	4
49	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	24
50	$K^*(892)0$ and $\bar{\Lambda}(1020)$ production at midrapidity in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review C, 2020, 102, .	1.1	15
51	Measurement of isolated photon-hadron correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 102, .	1.1	3
52	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	2.9	13
53	Centrality and transverse momentum dependence of inclusive J/ψ 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.	1.5	7
54	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, 805, 135434.	1.5	7

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55	Measurement of electrons from semileptonic heavy flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	1.5	18
56	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.5	6
57	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	1.5	11
58	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.	1.4	10
59	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	2.9	72
60	Measurements of inclusive jet spectra in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Production of charged pions, kaons, and (anti)protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Production of (anti)He3 and (anti)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	2.9	49
61	Measurements of inclusive jet spectra in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Production of charged pions, kaons, and (anti)protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Production of (anti)He3 and (anti)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.6	4
62	Measurements of inclusive jet spectra in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Production of charged pions, kaons, and (anti)protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Production of (anti)He3 and (anti)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.1	29
63	Production of (anti)He3 and (anti)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.1	110
64	Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Production of (anti)He3 and (anti)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.1	55
65	Production of (anti)He3 and (anti)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.1	16
66	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.5	14
67	Measurement of strange baryon-antibaryon interactions with femtoscopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	1.5	14
68	Investigation of the Λ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	1.5	36
69	Production of Ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	4
70	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Production of charged pions, kaons, and (anti)protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Production of (anti)He3 and (anti)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.5	7
71	Production of (anti)He3 and (anti)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K meson in and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.1	20
72	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.	1.4	12

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73	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66
74	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	0.5	8
75	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.	1.4	49
76	Measurement of $\langle \mathbf{p} \rangle$ in $\sqrt{s} = 5.02$ and 13 TeV pp collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	2.9	38
77	Collisions at $\sqrt{s} = 5.02$ and 13 TeV . Physical Review Letters, 2019, 123, 142301.	2.9	64
78	Gamma-ray spectroscopy of single Λ -hypernuclei at J-PARC: Results and perspective. AIP Conference Proceedings, 2019, , .	0.3	2
79	Charge symmetry breaking in Λ and Σ shell Λ -hypernuclei: An updated review. AIP Conference Proceedings, 2019, , .	0.3	3
80	One-dimensional charged kaon femtoscopy in $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2019, 123, 142301.	1.1	7
81	Measurement of $\langle \mathbf{p} \rangle$ in $\sqrt{s} = 5.02$ and 13 TeV pp collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	1.5	37
82	Measurement of $\langle \mathbf{p} \rangle$ in $\sqrt{s} = 5.02$ and 13 TeV pp collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	1.5	37
83	Measurement of $\langle \mathbf{p} \rangle$ in $\sqrt{s} = 5.02$ and 13 TeV pp collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	1.5	28
84	Measurement of $\langle \mathbf{p} \rangle$ in $\sqrt{s} = 5.02$ and 13 TeV pp collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	1.5	28
85	Analysis of the apparent nuclear modification in peripheral $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	1.5	17
86	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 50-63.	1.5	27
87	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 50-63.	1.5	27
88	Measurement of $\langle \mathbf{p} \rangle$ in $\sqrt{s} = 5.02$ and 13 TeV pp collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	1.4	43
89	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ and 5.02 TeV pp collisions. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
90	Energy dependence of exclusive ψ photoproduction off protons in ultra-peripheral $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	34

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91	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and 8 TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	19
92	Correlations of η and η' production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	64
93	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	14
94	Suppression of η production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	20
95	Multiplicity dependence of light-flavor hadron production in $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	89
96	ALICE Collaboration. <i>Nuclear Physics A</i> , 2019, 982, 975-984.	0.6	1
97	Relative particle yield fluctuations in $\sqrt{s_{NN}}=2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	15
98	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	16
99	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in $\sqrt{s_{NN}}=2.76$ TeV Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2019, 122, 072301.	2.9	18
100	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	12
101	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.6	9
102	Measurement of charged jet cross section in $\sqrt{s_{NN}}=2.76$ TeV proton-proton collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.6	8
103	Two-particle differential transverse momentum and number density correlations in $\sqrt{s_{NN}}=2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	10
104	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in $\sqrt{s_{NN}}=2.76$ TeV collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.9	62
105	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.9	34
106	Elementary particle and high-energy physics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 505-518.	1.9	11
107	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.9	67
108	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2018, 97, .	1.9	15

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127	$\hat{b}+c$ 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.	1.6	42
128	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ s. European Physical Journal C, 2018, 78, 1.	1.4	13
129	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.	1.5	28
130	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 320-331.	1.5	1
131	Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	16
132	Anisotropic flow in Xe-Xe collisions at $\sqrt{s_{\text{NN}}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.	1.5	17
133	π^0 and η meson production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	34
134	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	1.5	4
135	Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	1.5	5
136	Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	1.5	7
138	J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Production of bosons in heavy-ion collisions and high-energy physics, 2017, 66, 212-224.	1.5	92
139	Production of bosons in heavy-ion collisions and high-energy physics, 2017, 66, 212-224.	1.5	6
140	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	6.5	399
141	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s}=0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
142	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ TeV and p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2017, 77, 245.	1.4	23
143	On the binding energy and the charge symmetry breaking in $A \approx 16$ Λ -hypernuclei. Nuclear Physics A, 2017, 960, 165-179.	0.6	46
144	Λ -Meson production at forward rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV and in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 458-470.	1.5	8

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145	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. Measuring $\langle K^0_S \rangle$ and $\langle K^0_S \rangle$ in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physical Review C, 2017, 96, 014907.	1.6	13
146	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2017, 96, 014907.	1.1	10
147	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	2.9	13
148	Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	1.6	9
149	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	1.6	9
150	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	1.1	8
151	meson production at high transverse momentum in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
152	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 118, 162302.	2.9	45
153	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	1.6	9
154	ALICE Collaboration. Nuclear Physics A, 2017, 967, 932-941.	0.6	0
155	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
156	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	2.9	8
157	Addendum to: Centrality dependence of high- p_T D-meson suppression in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	6
158	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	2.9	12
159	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.	1.4	28
160	Energy dependence of forward-rapidity $\psi_{\mathrm{J}/\psi}$ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	1.4	50
161	Production of $\Sigma(1385)^{\pm}$ mesons. European Physical Journal C, 2017, 77, 389.	1.4	36

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164	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, .	1.1	41
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166	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.	1.6	13
167	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.	1.4	31
168	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.	1.4	40
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171	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.	1.5	20
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174	and H production in p -Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	1.5	31
175	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.	1.4	30
176	Pseudorapidity dependence of the anisotropic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	1.5	30
177	momentum in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	1.5	93
178	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	1.6	36
179	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, 94, .	1.6	36
180	Measurement of an Excess in the Yield of J/ψ Production at Very Low p_T in Pb-Pb Collisions at the LHC. Physical Review C, 2016, 94, .	2.9	77

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182	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	1.1	127
183	Production of light nuclei and anti-nuclei in p and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	1.1	129
184	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, .	1.1	127
185	Multipion Bose-Einstein correlations in p and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	1.1	125
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188	ALICE Collaboration. Nuclear Physics A, 2016, 956, 913-921.	0.6	1
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193	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.	1.6	40
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196	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.	1.6	19
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200	Azimuthal anisotropy of charged jet production in Pb-Pb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 11-14.	1.5	23
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202	Multi-strange baryon production in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401.	1.5	111
203	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	1.4	39
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205	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.	1.5	40
206	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.	1.6	88
207	Forward-central two-particle correlations in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	1.5	33
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209	Coherent $\Upsilon(2S)$ photo-production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 258-270.	1.5	38
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220	Measurement of charged jet production cross sections and nuclear modification in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	1.5	49
221	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.	1.6	36
222	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.	1.6	35
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224	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.	1.6	28
225	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.	1.5	60
226	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.	1.5	105
227	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	1.5	19
228	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	1.6	25
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230	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	1.1	39
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232	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.	1.4	12
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238	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.	1.4	61
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241	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76, \sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	72
242	Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 97-108.	1.5	32
243	Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 97-108.	1.5	67
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256	Measurement of quarkonium production at forward rapidity in $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	1.5	189
257	Centrality, rapidity and transverse momentum dependence of $\psi(2S)$ production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	1.4	89
258	Suppression of $\psi(2S)$ production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	1.5	171
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263	Production of Λ_c^+ in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	2.9	270
264	Multiplicity dependence of the average transverse momentum in pp, p-Pb, and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	1.5	130
265	Centrality dependence of Λ_c^+ production at large transverse momentum in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	1.5	235
266	Production of Λ_c^+ in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	1.1	465
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268	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	18
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333	First results from the FINUDA experiment at $\text{DA}\hat{\nu} \text{ NE}$. Nuclear Physics A, 2005, 754, 399-409.	0.6	7
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