

# Marielle Chartier

## List of Publications by Year in descending order

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Version: 2024-02-01

444  
papers

12,668  
citations

23544

58  
h-index

48277

88  
g-index

451  
all docs

451  
docs citations

451  
times ranked

7511  
citing authors

#	ARTICLE	IF	CITATIONS
1	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. <i>Physical Review D</i> , 2022, 105, .	1.6	24
2	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near $400 \text{ MeV}$ . <i>Physical Review C</i> , 2022, 105, .	1.1	2
3	Nuclear modification factor of light neutral-meson spectra up to high transverse momentum in pA collisions at $\sqrt{s} = 2.76 \text{ TeV}$ . <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136943.	2.9	18
4	Prompt $D^0$ , $D^+$ , and $D^{*+}$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ . <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.5	15
5	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in $pp$ collisions at $\sqrt{s} = 5.02 \text{ TeV}$ . <i>Physical Review Letters</i> , 2022, 128, 102001.	2.9	11
6	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02 \text{ TeV}$ . <i>European Physical Journal C</i> , 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 $\sqrt{s} = 13 \text{ TeV}$ . <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137065.	1.5	15
8	Unveiling the two-proton halo character of $^{17}\text{Ne}$ : Exclusive measurement of quasi-free proton-knockout reactions. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136957.	1.5	6
9	Production of $\Lambda$ and $\bar{\Lambda}$ in $pp$ collisions at $\sqrt{s} = 5.02 \text{ TeV}$ . <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137060.	1.5	13
10	Investigating the role of strangeness in baryon-antibaryon annihilation at the LHC. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137060.	1.5	18
11	Measurement of prompt $D$ -meson production and azimuthal anisotropy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ . <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 828, 137013.	1.5	3
12	Investigating charm production and fragmentation via azimuthal correlations of prompt $D$ mesons with charged particles in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ . <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	6
13	Hyperons along the Beam Direction in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ . <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136943.	2.9	15
14	Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ . <i>European Physical Journal C</i> , 2022, 82, .	1.4	3
15	Hypertriton Production in $pp$ Collisions at $\sqrt{s} = 5.02 \text{ TeV}$ . <i>Physical Review Letters</i> , 2022, 128, .	2.9	9
16	Exploring the $N\bar{N}$ coupled system with high precision correlation techniques at the LHC. <i>Physical Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137272.	1.5	19

#	ARTICLE	IF	CITATIONS
19	ALICE Collaboration. Nuclear Physics A, 2021, 1005, 122087.	0.6	1
20	Centrality dependence of $J/\psi$ and $\Upsilon(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
21	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136030.	1.5	22
22	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ , $\sqrt{s} = 13$ , $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.5	8
23	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 126, 162001.	2.9	10
24	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
25	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.	1.6	5
26	$\psi(2S)$ femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2021, 103, 044111.	1.1	8
27	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.	1.6	17
28	First measurement of the $ t $ -dependence of coherent $J/\psi$ photonuclear production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136280.	1.5	21
29	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13.6$ TeV. Physical Review Letters, 2021, 127, 042302.	2.9	3
30	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2021, 103, 044111.	1.5	15
31	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	12
32	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
33	Coherent $J/\psi$ and $\Upsilon$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	18
34	Jet-associated deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136440.	1.5	6
35	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 092302.	2.9	9
36			

#	ARTICLE	IF	CITATIONS
37	Production and nuclear modification at forward rapidity in Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136481.	1.5	4
38	Energy dependence of $\phi$ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	1.5	14
39	Production of muons from heavy-flavour hadron decays at high transverse momentum in Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136481.	1.4	5
40	Neutron capture cross sections of light neutron-rich nuclei relevant for r-process nucleosynthesis. Physical Review C, 2021, 104, .	1.5	7
41	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.	1.5	6
42	$K_S^0$ and (anti) $\Lambda$ -hadron correlations in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2021, 81, 1.	1.1	3
43	First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
44	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.4	1
45	Measurement of the production cross section of prompt $\chi_c^0$ baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5
46	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.	1.6	11
47	Experimental Evidence for an Attractive $\bar{\Lambda}p$ Interaction. Physical Review Letters, 2021, 127, 172501.	1.5	8
48	Production and Baryon-to-Meson Ratios in $\bar{\Lambda}p$ production in and in $\bar{\Lambda}p$ production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	2.9	30
49	Measurement of the Cross Sections of $\bar{\Lambda}p$ and $\bar{\Lambda}n$ production in and in $\bar{\Lambda}p$ production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	2.9	29
50	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	1.1	23
51	Measurement of the Cross Sections of $\bar{\Lambda}p$ and $\bar{\Lambda}n$ production in and in $\bar{\Lambda}p$ production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	2
52	Measurement of the Cross Sections of $\bar{\Lambda}p$ and $\bar{\Lambda}n$ production in and in $\bar{\Lambda}p$ production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	2.9	21
53	Inclusive $\psi$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	6
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55	Multiplicity dependence of light (anti)nuclei production in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	1.5	27
56	$J/\psi$ 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.	1.6	4
57	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.	1.6	4
58	Multiplicity dependence of $K^*(892)0$ and $\bar{\Lambda}(1020)$ production in pp collisions at $\sqrt{s_{\text{NN}}} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	1.5	22
59	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
60	Global baryon number conservation encoded in net-proton fluctuations measured in PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564.	1.5	35
61	Multiplicity dependence of $\pi^0$ , K, and p production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	38
62	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 101, .	1.1	4
63	Azimuthal correlations of prompt D mesons with charged particles in pp and pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	11
64	Measurement of nuclear effects on $\bar{\Lambda}(2S)$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	6
65	Multiplicity dependence of inclusive $J/\psi$ production at midrapidity in pp collisions at $\sqrt{s_{\text{NN}}} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135758.	1.5	26
66	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 102, .	1.1	1
67	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.1	4
68	Unveiling the strong interaction among hadrons at the LHC. Nature, 2020, 588, 232-238.	13.7	85
69	$J/\psi$ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
70	(Anti)-deuteron production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	24
71	$K^*(892)0$ and $\bar{\Lambda}(1020)$ production at midrapidity in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review C, 2020, 102, .	1.1	15
72	Measurement of isolated photon-hadron correlations in pp collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.1	3



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73	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	2.9	13
74	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.	2.9	21
75	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and 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
76	Production of $\Lambda$ baryons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	1.5	18
77	Production of $\Lambda$ baryons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	1.5	6
78	Production of $\Lambda$ baryons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	1.5	11
79	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	2.9	37
80	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.	1.4	10
81	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	2.9	72
82	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.	2.9	49
83	Coherent photoproduction of $\Upsilon(0)$ vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
84	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.	1.6	4
85	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.	1.5	20
86	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.	1.6	13
87	Measurements of inclusive jet spectra in central and central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135227.	1.1	29
88	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, 054907.	1.1	110
89	Production of $\Lambda$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, 054907.	1.1	55
90	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, 054907.	1.1	16

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91	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
92	Investigation of the $\Lambda\bar{\Lambda}$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	1.5	36
93	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	49
94	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
95	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
96	Z-boson production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
97	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
98	Production of $\Omega$ mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	4
99	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.5	7
100	Measurement of $\Omega$ meson in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.1	20
101	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
102	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66
103	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	0.5	8
104	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
105	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.	1.6	9
106	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	2.9	38
107	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	2.9	64

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109	One-dimensional charged kaon femtoscopy in $\sqrt{s_{NN}} = 5.02$ TeV Pb collisions at the LHC with ALICE. Nuclear Physics A, 2019, 982, 703-706.	1.1	7
110	Quarkonium measurements in nucleus-nucleus collisions with ALICE. Nuclear Physics A, 2019, 982, 703-706.	0.6	2
111	Light (anti)nuclei production and elliptic flow at the LHC with ALICE. Nuclear Physics A, 2019, 982, 447-450.	0.6	4
112	Measurements of heavy-flavour correlations and jets with ALICE at the LHC. Nuclear Physics A, 2019, 982, 579-582.	0.6	2
113	Event-shape- and multiplicity-dependent identified particle production in pp collisions at 13 TeV with ALICE at the LHC. Nuclear Physics A, 2019, 982, 507-510.	0.6	9
114	Upgrade of the ALICE central barrel tracking detectors: ITS and TPC. Nuclear Physics A, 2019, 982, 943-946.	0.6	2
115	Hadronic resonances, strange and multi-strange particle production in Xe-Xe and Pb-Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 823-826.	0.6	16
116	ALICE measurements of flow coefficients and their correlations in small (pp and p-Pb) and large (Xe-Xe and Pb-Pb) collision systems. Nuclear Physics A, 2019, 982, 487-490.	0.6	7
117	Exploring the Phase Space of Jet Splittings at ALICE using Grooming and Recursive Techniques. Nuclear Physics A, 2019, 982, 587-590.	0.6	5
118	Non-strange and strange D-meson and charm-baryon production in heavy-ion collisions measured with ALICE at the LHC. Nuclear Physics A, 2019, 982, 667-670.	0.6	0
119	Elliptic flow of identified hadrons in small collisional systems measured with ALICE. Nuclear Physics A, 2019, 982, 451-454.	0.6	8
120	Balance functions of (un)identified hadrons in Pb-Pb, p-Pb, and pp collisions at the LHC. Nuclear Physics A, 2019, 982, 315-318.	0.6	5
121	$f_0(980)$ resonance production in pp collisions with the ALICE detector at the LHC. Nuclear Physics A, 2019, 982, 201-203.	0.6	1
122	Heavy-flavour hadron decay leptons in Pb-Pb and Xe-Xe collisions at the LHC with ALICE. Nuclear Physics A, 2019, 982, 651-654.	0.6	1
123	The evolution of the near-side peak in two-particle number and transverse momentum correlations in Pb-Pb collisions from ALICE. Nuclear Physics A, 2019, 982, 363-366.	0.6	0
124	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ALICE detector. Nuclear Physics A, 2019, 982, 383-386.	0.6	0
125	ALICE results on system-size dependence of charged-particle multiplicity density in p-Pb, Pb-Pb and Xe-Xe collisions. Nuclear Physics A, 2019, 982, 279-282.	0.6	4
126	Energy dependence of $\bar{\Lambda}(1020)$ production at mid-rapidity in pp collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 180-182.	0.6	18



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127	Testing the system size dependence of hydrodynamical expansion and thermal particle production with $\bar{I}$ , K, p, and $\bar{I}$ in Xe–Xe and Pb–Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 427-430.	0.6	16
128	Dielectron measurements in pp and Pb–Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 779-782.	0.6	2
129	Electroweak boson measurements in p-Pb and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ with ALICE at the LHC. Nuclear Physics A, 2019, 982, 783-786.	0.6	0
130	Muon physics at forward rapidity with the ALICE detector upgrade. Nuclear Physics A, 2019, 982, 947-950.	0.6	1
131	Pion-kaon femtoscopy in Pb–Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$ measured with ALICE. Nuclear Physics A, 2019, 982, 351-354.	0.6	0
132	Energy and system dependence of nuclear modification factors of inclusive charged particles and identified light hadrons measured in p–Pb, Xe–Xe and Pb–Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 567-570.	0.6	5
133	Exploring jet profiles in Pb-Pb collisions at 5.02 TeV with the ALICE detector. Nuclear Physics A, 2019, 982, 639-642.	0.6	1
134	Direct photon elliptic flow in Pb–Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$ measured with ALICE. Nuclear Physics A, 2019, 982, 195-197.	0.6	1
135	Measurements of the chiral magnetic effect in Pb–Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 543-546.	0.6	4
136	Multiplicity dependence of strangeness and hadronic resonance production in pp and p-Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 467-470.	0.6	12
137	Open heavy-flavour production and elliptic flow in p-Pb collisions at the LHC with ALICE. Nuclear Physics A, 2019, 982, 691-694.	0.6	0
138	Addressing the hypertriton lifetime puzzle with ALICE at the LHC. Nuclear Physics A, 2019, 982, 815-818.	0.6	5
139	Investigating correlated fluctuations of conserved charges with net- $\hat{I}$ fluctuations in Pb–Pb collisions at ALICE. Nuclear Physics A, 2019, 982, 299-302.	0.6	4
140	Quarkonium production in p-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 739-742.	0.6	1
141	Measurements of anisotropic flow and flow fluctuations in Xe–Xe and Pb–Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 367-370.	0.6	2
142	Constraining production models with light (anti-)nuclei measurements in small systems with ALICE at the LHC. Nuclear Physics A, 2019, 982, 895-898.	0.6	1
143	Spin alignment measurements using vector mesons with ALICE detector at the LHC. Nuclear Physics A, 2019, 982, 515-518.	0.6	6
144	Quasi-free proton knockout from $^{12}\text{C}$ on carbon target at 398 MeV/u. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134802.	1.5	6

#	ARTICLE	IF	CITATIONS
145	Study of the $b\bar{c}$ interaction with femtoscopy correlations in $\sqrt{s} = 2.76$ and $5.02$ TeV Pb-Pb collisions at forward rapidity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134633.	1.5	64
146	Coherent $J/\psi$ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 2.76$ and $5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134632.	1.5	37
147	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.	1.6	11
148	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.	1.6	4
149	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 450-453.	1.5	28
150	Higher moment fluctuations of identified particle distributions from ALICE. Nuclear Physics A, 2019, 982, 851-854.	0.6	7
151	$\psi$ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s} = 2.76$ and $5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	1.5	17
152	Measuring $K^0_S$ production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 50-63.	1.5	27
153	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 50-63.	1.5	27
154	Measurement of $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 50-63.	1.4	43
155	Measurement of $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 50-63.	1.4	43
156	Measurement of $\psi(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 50-63.	1.4	43
157	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s} = 5.02$ TeV Pb-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
158	Energy dependence of exclusive $J/\psi$ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	34
159	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s} = 2.76$ and $5.02$ TeV. Physical Review C, 2019, 99, .	1.1	19
160	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s} = 2.76$ and $5.02$ TeV. Physical Review C, 2019, 99, .	1.1	19
161	Suppression of $\psi(2S)$ production in central Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physical Review C, 2019, 99, .	1.1	20
162	Suppression of $\psi(2S)$ production in central Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physical Review C, 2019, 99, .	1.1	20

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164	ALICE Collaboration. Nuclear Physics A, 2019, 982, 975-984.	0.6	1
165	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.	1.4	15
166	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.	1.6	16
167	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	2.9	18
168	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.	1.6	12
169	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, 014001.	1.6	9
170	Measurement of prompt $D^0$ , $D^+$ , $D^{*+}$ , and $D^*_s$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
171	Measurement of charged jet cross section in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 100, 014001.	1.6	8
172	Two-particle differential transverse momentum and number density correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2019, 100, 014001.	1.1	10
173	Multiplicity density in $\sqrt{s_{NN}} = 5.44$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Particle and High-Energy Physics, 2019, 788, 166-179.	1.9	62
174	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2019, 982, 975-984.	1.5	13
175	Production of heavy-flavor particles in high-multiplicity proton-proton collisions at $\sqrt{s} = 13.6$ TeV. Physics Letters, Section B: Nuclear, Particle and High-Energy Physics, 2019, 788, 166-179.	1.5	13
176	Transverse momentum spectra and nuclear modification factors of charged particles in $\sqrt{s_{NN}} = 5.44$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Particle and High-Energy Physics, 2019, 788, 166-179.	1.5	13
177	Inclusive $J/\psi$ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
178	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.	1.4	8
179	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, 014001.	1.5	15
180	Production of deuterons, tritons, $^3\text{He}$ and $^4\text{He}$ nuclei, and their antinuclei in collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, 014001.	1.1	71

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183	Production of $^4\text{He}$ and $^4\text{K}$ in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2018, 120, 152504.	1.1	15
184	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.	0.6	74
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186	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	2.9	80
187	Comparison of electromagnetic and nuclear dissociation of $^3\text{He}$ and $^4\text{He}$ in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2018, 97, .		7
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191	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.	1.6	54
192	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.	1.6	20
193	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.	1.6	97
194	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
195	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.	1.6	55
196	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.	1.6	8
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202	$\phi$ meson production at forward rapidity in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}$ s NN. European Physical Journal C, 2018, 78, 1.	1.4	3
203	Anisotropic flow of identified particles in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}$ s NN. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
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212	$\pi^0$ and $\eta$ meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	34
213	Longitudinal asymmetry and its origin in pseudorapidity distributions in $\text{Pb-Pb}$ 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
214	First measurement of $Z^0$ production at large rapidities in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and $5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	1.5	24
215	Measurement of $Z^0$ -boson production at large rapidities in $\text{Pb-Pb}$ 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



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218	Production of muons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and $5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	5.02	6
219	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	6.5	399
220	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
221	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and $5.02$ TeV. Physical Review C, 2017, 96, 014901.	1.4	23
222	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and $5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	5.02	18
223	W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
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227	Determination of the neutron-capture rate of C17 for r-process nucleosynthesis. Physical Review C, 2017, 95, 014801.	1.1	10
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236	Linear and non-linear flow mode in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV	1.5	50
237	ALICE Collaboration. Nuclear Physics A, 2017, 967, 932-941.	0.6	0
238	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV.	1.4	62
239	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC.	2.9	8
240	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.6	6
241	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	2.9	12
242	Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV.	1.4	28
243	Energy dependence of forward-rapidity $\psi$ and $\psi(2S)$ production in pp collisions at the LHC.	1.4	50
244	Production of $\Sigma(1385)^{\pm}$ baryons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.4	36
245	Determination of the event collision time with the ALICE detector at the LHC.	1.2	44
246	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.1	21
247	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8$ TeV.	1.4	32
248	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC.	1.6	13
249	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV.	1.4	31
250	Measurement of deuteron spectra and elliptic flow in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC.	1.4	40
251	The symmetry energy at suprasaturation density and the ASY-EOS experiment at GSI.	0.1	0
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258	Production of mesons in heavy-ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	1.1	47
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261	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. High Energy Physics, 2016, 753, 41-56.	1.5	23
262	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	1.4	30
263	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
264	Detector production for the R3B Si-tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 836, 105-112.	0.7	4
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269	Results of the ASY-EOS experiment at GSI: The symmetry energy at suprasaturation density. Physical Review C, 2016, 94, .	1.1	176
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272	Coulomb dissociation of $N$ Physical Review C, 2016, 93, .	1.1	8
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275	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	36
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277	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	47
278	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	25
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281	ALICE Collaboration. Nuclear Physics A, 2016, 956, 913-921.	0.6	1
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288	Centrality dependence of charged jet production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	1.4	31



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293	Search for weakly decaying $\Lambda(1520)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 206-210.	1.5	27
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295	Direct baryon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 216-220.	1.5	163
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297	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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