

Anton Alkin

List of Publications by Year in descending order

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270
papers

17,914
citations

10389

72
h-index

16183

124
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270
all docs

270
docs citations

270
times ranked

7099
citing authors

#	ARTICLE	IF	CITATIONS
1	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Long-range angular correlations on the near and away side in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 107, 032301.	7.8	659
2	Centralty Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 106, 032301.	4.1	561
3	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 107, 032301.	7.8	482
4	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	2.9	465
5	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
6	Multiplicity dependence of pion, kaon, proton and lambda production in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 726, 21-38.	4.1	307
7	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 105, 252301.	1	301
8	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	7.8	296
9	Production of Λ and $\bar{\Lambda}$ in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 022301.	7.8	270
10	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, 044907.	2.9	267
11	Long-range angular correlations of Λ and $\bar{\Lambda}$ in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	4.1	235
12	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
13	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.1	210
14	Charmonium and e^+e^- pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	3.9	203
15	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456.	3.9	202

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19	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2012, 700, 249-264.	7.8	194
20	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	7.1	189
21	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	4.1	188
22	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	7.8	184
23	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	182
24	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, 044907.	7.1	180
25	Photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.1	171
26	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	171
27	Suppression in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.1	171
28	Direct photon production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	7.1	163
29	Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	4.1	156
30	Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	7.8	155
31	Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	7.8	151
32	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
33	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
34	Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	140
35	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	139
36	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	7.8	138

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37	<p>Rapidity dependence of particle production in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at the LHC. <i>Physical Review C</i>, 2015, 91, 044907.</p> <p>Neutral pion and η-meson production in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Physical Review C</i>, 2015, 91, 044907.</p>	2.9	135
38	<p>Production of Λ and $\bar{\Lambda}$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review C</i>, 2015, 91, 044907.</p> <p>Production of Λ and $\bar{\Lambda}$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review C</i>, 2015, 91, 044907.</p>	4.1	133
39	<p>Multiplicity dependence of the average transverse momentum in pp, pPb, and PbPb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2013, 727, 371-380.</p>	4.1	130
40	<p>Multiparticle azimuthal correlations in Pb-Pb collisions at the CERN Large Hadron Collider. <i>Physical Review C</i>, 2014, 90, 044907.</p>	2.9	130
41	<p>Production of $\Sigma(1385)^+$ and $\Sigma(1385)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i>, 2015, 75, 1.</p>	3.9	125
42	<p>Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i>, 2015, 2015, 1.</p>	4.7	118
43	<p>Rapidity and transverse momentum dependence of inclusive Λ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review C</i>, 2015, 91, 044907.</p>	4.1	115
44	<p>Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i>, 2012, 2012, 1.</p>	4.7	115
45	<p>Production of $\Lambda(1520)$ and $\bar{\Lambda}(1520)$ in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i>, 2012, 72, 1.</p>	3.9	111
46	<p>Multi-strange baryon production in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review C</i>, 2015, 91, 044907.</p>	4.1	111
47	<p>Production of $\Lambda(1520)$ and $\bar{\Lambda}(1520)$ in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i>, 2012, 72, 1.</p>	2.9	110
48	<p>Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2015, 746, 1-14.</p>	4.7	105
49	<p>Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. <i>European Physical Journal C</i>, 2013, 73, 2662.</p>	3.9	101
50	<p>Azimuthal anisotropy of Λ-meson production in Pb-Pb collisions at the LHC. <i>Physical Review C</i>, 2014, 90, 044907.</p>	2.9	101
51	<p>Polarization in Λ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review C</i>, 2015, 91, 044907.</p>	7.8	99
52	<p>Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i>, 2012, 108, 092301.</p>	7.8	97
53	<p>Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. <i>Journal of High Energy Physics</i>, 2018, 2018, 1.</p>	4.7	97
54	<p>Production of Muons from Heavy Flavor Decays at Forward Rapidity in Pb-Pb Collisions at the LHC. <i>Physical Review C</i>, 2015, 91, 044907.</p>	7.8	96

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55	Measurement of Prompt D -Meson Production in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	7.8	94
56	Femtoscopic study of pp collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2011, 84, .	4.7	93
57	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2016, 76, 245.	4.1	93
58	Suppression of forward rapidity in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	93
59	Measurement of quarkonium production at forward rapidity in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
61	Production of K^0_S and ϕ in $\sqrt{s} = 5.02$ TeV pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
62	Multiplicity dependence of light-flavor hadron production in $\sqrt{s} = 5.02$ TeV pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	2.9	89
63	Transverse momentum dependence of D -meson production in $\sqrt{s} = 2.76$ TeV pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.1	88
64	Transverse momentum dependence of D -meson production in $\sqrt{s} = 2.76$ TeV pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88
65	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in $\sqrt{s} = 2.76$ TeV pp Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2019, 99, .	2.9	86
66	Multi-strange baryon production in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV. High-Energy Physics, 2012, 712, 309-318.	4.1	82
67	Measurement of the cross section for electromagnetic dissociation with neutron emission in $\sqrt{s} = 2.76$ TeV pp collisions at high transverse momentum in $\sqrt{s} = 2.76$ TeV. Physical Review C, 2019, 99, .	2.9	86
68	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
69	Measurement of an Excess in the Yield of Λ in $\sqrt{s} = 5.02$ TeV pp Collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	7.8	80
70	Measurement of an Excess in the Yield of Λ in $\sqrt{s} = 5.02$ TeV pp Collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	7.8	77
71	Production of ^4He and ^4He in $\sqrt{s} = 5.44$ TeV pp collisions at $\sqrt{s} = 5.44$ TeV. Nuclear Physics A, 2018, 971, 1-20.	1.5	74
72	Production of ^4He and ^4He in $\sqrt{s} = 5.44$ TeV pp collisions at $\sqrt{s} = 5.44$ TeV. Nuclear Physics A, 2018, 971, 1-20.	1.5	74

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73	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, \sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
74	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
75	Production of ^3He and ^3H nuclei, and their antinuclei in heavy-ion collisions. Physical Review Letters, 2019, 123, 142301.	2.9	71
76	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	7.8	69
77	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
78	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, 772, 567-577.	7.8	68
79	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	67
80	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.	7.8	66
81	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	64
82	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 142301.	2.9	64
83	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
84	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
85	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	3.9	61
86	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61
87	Production of D meson production at central rapidity in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
88	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, \sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
89	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58

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91	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	57
92	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	56
93	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
94	Measurement of D^0 , D^+ , D^{*+} and D_s production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
95	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	4.1	51
96	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	4.1	50
97	Energy dependence of forward-rapidity $\psi\{J\}$ and $\psi\{2S\}$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
98	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
99	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
100	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	49
101	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
102	Production of meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	2.9	47
103	Forward-central two-particle correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 752, 126-130.	4.1	45
104	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45
105	$\langle \psi\{2\} \rangle$ production and nuclear effects in p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44
106	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
107	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, 93, .	2.9	43
108	Measurement of D^0 , D^+ , D^{*+} and D_s production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43

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109	$\hat{b}+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
110	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $s_{\mathbb{N}\mathbb{N}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	40
111	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	4.1	40
112	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
113	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
114	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=2.76$ TeV. Physical Review C, 2015, 91, .	2.9	39
115	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
116	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
117	$\hat{b}+c$ production in Pb-Pb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	4.1	39
118	Coherent \hat{b} (2S) photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	4.1	38
119	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $s_{\mathbb{N}\mathbb{N}}=5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
120	Measurement of $\langle \mathbb{N} \rangle$ dependence of π^0 production in pp collisions at $\sqrt{s}=13.6$ TeV. European Physical Journal C, 2020, 80, 1.	7.8	38
121	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K^0_S . European Physical Journal C, 2020, 80, 1.	3.9	38
122	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	4.1	37
123	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.	4.1	37
124	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
126	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{\mathbb{N}\mathbb{N}}}=2.76$ TeV. Physical Review C, 2016, 94, .	2.9	36

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127	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 054907.	3.9	36
128	Production of $\Sigma(1385)^{\pm}$ mesons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 389.	3.9	36
129	Investigation of the ρ meson production in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
130	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2015, 91, 074011.	4.7	35
131	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
132	ρ and η meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
133	Production of ρ mesons in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.1	34
134	Energy dependence of exclusive ψ 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
135	Production of ρ mesons in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.1	33
136	Differential studies of inclusive J/ψ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
137	Beauty production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 91-93.	4.1	33
138	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.	4.1	32
139	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	32
140	Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
141	Centrality dependence of charged jet production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
142	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	31
143	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
144	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30

#	ARTICLE	IF	CITATIONS
145	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pâ€Pb, and Pbâ€Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
146	Pseudorapidity dependence of the anisotropic flow of charged particles in Pbâ€Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	4.1	30
147	Experimental Evidence for an Attractive Interaction. Physical Review Letters, 2021, 127, 172301.	7.8	30
148	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
149	Measurements of inclusive jet spectra in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2020, 101, 054907.	2.9	29
150	Production and Baryon-to-Meson Ratios in $\sqrt{s_{NN}}=2.76$ TeV pp collisions. Physical Review C, 2016, 94, 054907.	7.8	29
151	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
152	Constraints on jet quenching in pâ€Pb collisions at $\sqrt{s_{NN}}=5.02$ 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
153	Charged Kaon femtoscopic correlations in $\sqrt{s_{NN}}=5.02$ TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 89-101.	4.1	28
154	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 94-101.	4.7	27
155	Multiplicity dependence of (anti)-deuteron production in pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 135043.	4.9	27
156	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review D, 2015, 91, 054017.	4.1	27
157	Multiplicity Bose-Einstein correlations in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 94, 054907.	2.9	25
160	Systematics studies of pseudorapidity dependence of the flow fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 94, 054907.	4.1	25
161	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pbâ€Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 467-481.	4.1	24

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163	Search for collectivity with azimuthal ϕ/ψ hadron correlations in high multiplicity $p\text{-Pb}$ collisions at $\sqrt{s} = 2.76$ and 8.16 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	24
164	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
165	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. Physical Review D, 2022, 105, .	4.7	24
166	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in $Pb\text{-Pb}$ collisions at $\sqrt{s} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	4.1	23
167	Search for collectivity with azimuthal ϕ/ψ hadron correlations in high multiplicity $Pb\text{-Pb}$ collisions at $\sqrt{s} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 511-525.	4.1	23
168	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and $Pb\text{-Pb}$ collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
169	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
170	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	2.9	23
171	Prompt D_0 , D^+ , and D^* production in $Pb\text{-Pb}$ collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
172	Multiplicity dependence of $K^*(892)^0$ and $\bar{K}^*(1020)$ production in pp collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 125, 135501.	4.1	22
173	Measurement of the Cross Sections of D_s^+ and D_s^0 Production in $Pb\text{-Pb}$ Collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	4.1	22
174	Kaon femtoscopy in $Pb\text{-Pb}$ collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2017, 96, 014904.	4.9	21
175	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in $Pb\text{-Pb}$ collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2017, 118, 152301.	4.1	21
176	Measurement of the Cross Sections of D_s^+ and D_s^0 Production in $Pb\text{-Pb}$ Collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	7.8	21
177	Jet-like correlations with neutral pion triggers in pp and central $Pb\text{-Pb}$ collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	4.1	20
178	Medium modification of the shape of small-radius jets in central $Pb\text{-Pb}$ collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
179	Measurement of D_s^+ production and nuclear modification factor in $Pb\text{-Pb}$ collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
180	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s} = 2.76$ and 8 TeV. Physical Review C, 2019, 99, .	2.9	19

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181	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at s N N = 2.76 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
182	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in p-Pb Collisions at s N N = 2.76 TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
183	Measurement of prompt D ⁰ , D ⁺ , D ^{*+} , and D ^{s+} production in p-Pb collisions at s N N = 5.02 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
184	Measurement of Prompt D ⁰ , D ⁺ , D ^{*+} , and D ^{s+} production in p-Pb collisions at s N N = 5.02 TeV. Journal of High Energy Physics, 2016, 2016, 1.	7.8	18
185	Measurement of Prompt D ⁰ , D ⁺ , D ^{*+} , and D ^{s+} production and azimuthal anisotropy in Pb-Pb collisions at s N N = 5.02 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.1	18
186	Centrality dependence of $\bar{\chi}(2S)$ suppression in p-Pb collisions at s N N = 5.02 TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
187	Prompt and non-prompt $\psi(2S)$ production and nuclear modification at mid-rapidity in p-Pb collisions at s N N = 5.02 TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
188	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at s N N = 5.02 TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
189	Production of (anti-)He ³ and (anti-)H ³ in p-Pb collisions at s N N = 5.02 TeV. Physical Review C, 2020, 101, 1.	2.9	16
190	Measurements of mixed harmonic cumulants in Pb-Pb collisions at s N N = 5.02 TeV. Physical Review C, 2020, 101, 1.	4.1	15
191	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at s N N = 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
192	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at s N N = 2.76 and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
193	Nuclear modification factor of light neutral-meson spectra up to high transverse momentum in p-Pb collisions at s N N = 5.02 TeV. Physical Review C, 2020, 101, 1.	4.1	15
194	Observation of a multiplicity dependence in the p _T -differential charm baryon-to-meson ratios in p-Pb collisions at s N N = 5.02 TeV. Physical Review C, 2020, 101, 1.	4.1	15
195	First measurement of di-electron production in central Pb-Pb collisions at s N N = 5.02 TeV. Physical Review C, 2019, 99, 1.	7.8	15
196	Measurement of di-electron production in central Pb-Pb collisions at s N N = 5.02 TeV. Physical Review C, 2019, 99, 1.	7.8	15
197	Measurement of di-electron production in central Pb-Pb collisions at s N N = 5.02 TeV. Physical Review C, 2019, 99, 1.	7.8	15
198	$\bar{\chi}(2S)$ elliptic and triangular flow in Pb-Pb collisions at s N N = 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14

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199	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
200	Λ_c^+ production and nuclear modification at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-104.	4.1	14
201	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
202	W and Z boson production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
203	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	7.8	13
204	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
205	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
206	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	13
207	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
208	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
209	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
210	J/ψ production as a function of charged-particle pseudorapidity density in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-104.	4.1	12
211	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
212	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
213	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{\text{NN}}}=5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
214	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s}=5.02, 7$ and 13 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
215	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
216	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.		

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217	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.	3.9	11
218	Production in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2017, 96, 054907.	4.1	11
219	Coherent photoproduction of ρ vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
220	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
221	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
222	Measurement of D-meson production versus multiplicity in p-Pb collisions at $s_{\text{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
223	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2017, 96, 054907.	2.9	10
224	Inclusive J/ψ production in XeXe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	2.9	10
225	Two-particle differential transverse momentum and number density correlations in pPb collisions at the CERN Large Hadron Collider. Physical Review C, 2019, 100, 054907.	2.9	10
226	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
227	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2021, 126, 162001.	7.8	10
228	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $s_{\text{NN}} = 5.02$ TeV and Pb-Pb collisions at $s_{\text{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
229	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
230	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 092302.	7.8	9
231	Hypertriton Production in pPb Collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review Letters, 2021, 127, 092302.	7.8	9
232	D-meson production at forward rapidity in pPb 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, 2018, 785, 419-428.	4.7	8
233	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	7.8	8
234	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8

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235	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
236	Measurement of charged jet cross section in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review D, 2019, 100, .	4.7	8
237	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
238	Kaon π 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.	4.1	8
239	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
240	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
241	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 204-219.	4.1	7
242	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 102, .	4.1	7
243	Production of muons from heavy-flavour hadron decays at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136.	4.1	7
244	Production of muons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	4.1	7
245	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
246	Production of muons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
247	Dielectron production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
248	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
249	Longitudinal and azimuthal correlations of heavy 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, 2021, 819, 136440.	4.1	6
250	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.	4.1	6
251	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
252	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	6

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253	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{\text{NN}}}=5.02$ TeV Pb-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
254	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4
255	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
256	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
257	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
258	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
259	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
260	Centrality dependence of J/ψ and $\Upsilon(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
261	Measurement of heavy-flavour production in central and forward rapidity in Xe-Xe collisions at $\sqrt{s_{\text{NN}}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136437.	4.1	4
262	Production of ω mesons in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
263	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	3
264	Measurement of isolated photon-hadron correlations in $\sqrt{s}=5.02$ TeV pp collisions. Physical Review C, 2020, 102, .	2.9	3
265	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s}=13.6$ TeV. Physical Review Letters, 2021, 127, 042302.	7.8	3
266	Production of K_S^0 and K_S^{\pm} in jets in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 828, 137013.	4.1	3
267	Measurement of K_S^0 production in inelastic pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 828, 137013.	4.1	3
268	Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2022, 82, .	3.9	3
269	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.	4.1	1
270	Underlying Event measurements in pp collisions at ($\sqrt{s}=0.9$) and 7 TeV with the ALICE experiment at the LHC. , 0, .		1