

# Lee Stuart Barnby

## List of Publications by Year in descending order

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478  
papers

43,916  
citations

1046

113  
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2747

192  
g-index

484  
all docs

484  
docs citations

484  
times ranked

8686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical challenges in the search for the quark-gluon plasma: The STAR Collaboration's critical assessment of the evidence from RHIC collisions. Nuclear Physics A, 2005, 757, 1-12.	1.5	2,780
2	Systematic measurements of identified particle spectra in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2004, 92, 052302.	2.9	714
3	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	7.8	659
4	Transverse-Momentum and Collision-Energy Dependence of High-pT Hadron Suppression in Au+Au Collisions at Ultrarelativistic Energies. Physical Review Letters, 2003, 91, 172302.	7.8	614
5	Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2001, 86, 402-407.	7.8	610
6	Disappearance of Back-To-Back High-pT Hadron Correlations in Central Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2003, 90, 082302.	7.8	598
7	Long-range angular correlations on the near and away side in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 29-41.	4.1	561
8	STAR detector overview. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 624-632.	1.6	554
9	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2005, 72, .	2.9	520
10	Centrality Dependence of High-pT Hadron Suppression in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2002, 89, 202301.	7.8	518
11	Evidence from Au+Au Measurements for Final-State Suppression of High-pT Hadrons in Au+Au Collisions at RHIC. Physical Review Letters, 2003, 91, 072304.	7.8	517
12	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	7.8	507
13	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
14	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
15	Particle-Type Dependence of Azimuthal Anisotropy and Nuclear Modification of Particle Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2004, 92, 052302.	7.8	477
16	Centrality dependence of the charged-particle production in 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
17	Distributions of Charged Hadrons Associated with High Transverse Momentum Particles in p+Au and Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2005, 95, 152301.	7.8	445
18	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.	4.1	433

#	ARTICLE	IF	CITATIONS
19	Azimuthal Charged-Particle Correlations and Possible Local Strong Parity Violation. Physical Review Letters, 2009, 103, 251601.	7.8	424
20	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
21	Transverse Momentum and Centrality Dependence of High-pT Nonphotonic Electron Suppression in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 192301.	7.8	379
22	Identified Particle Distributions in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 112301.	7.8	368
23	Elliptic flow from two- and four-particle correlations in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2002, 66, .	2.9	309
24	Multiplicity dependence of pion, kaon, proton and lambda production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 338, 25-38.	5.02	307
25	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, 106, 5360.	7.8	301
26	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
27	Higher Moments of Net Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2010, 105, 022302.	7.8	278
28	Centrality dependence of net proton multiplicity distributions in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2011, 106, 5360.	7.8	270
29	Strange particle production in p+pcollisions at $\sqrt{s}=200$ GeV. Physical Review C, 2007, 75, .	2.9	267
30	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with ALICE. Physical Review C, 2013, 88, .	2.9	267
31	Identified Particle Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 87, .	7.8	265
32	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, .	2.9	263
33	Identified Baryon and Meson Distributions at Large Transverse Momenta from Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152301.	7.8	261
34	Baryon Stopping and Charged Particle Distributions in Central Pb+Pb Collisions at 158 GeV per Nucleon. Physical Review Letters, 1999, 82, 2471-2475.	7.8	250
35	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	12.6	249
36	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	248

#	ARTICLE	IF	CITATIONS
37	The NA49 large acceptance hadron detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 430, 210-244.	1.6	244
38	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 310, 225-235.	4.1	235
39	Identified hadron spectra at large transverse momentum in Au+Au collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 310, 225-235.	4.1	235
40	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.	4.1	228
41	Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions. Physical Review C, 2008, 77, .	4.7	228
42	Cross Sections and Transverse Single-Spin Asymmetries in Forward Neutral-Pion Production from Proton Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2004, 92, 171801.	7.8	220
43	Long range rapidity correlations and jet production in high energy nuclear collisions. Physical Review C, 2009, 80, .	2.9	220
44	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
45	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
46	Pion Interferometry of $\sqrt{s_{NN}} = 130$ GeV Au+Au Collisions at RHIC. Physical Review Letters, 2001, 87, 082301.	7.8	209
47	Production of pions, kaons and protons in pp collisions at $\sqrt{s} = 900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
48	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 110, 012301.	3.9	205
49	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
50	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
51	Open Charm Yields in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2005, 94, 062301.	7.8	201
52	Identified particle production, azimuthal anisotropy, and interferometry measurements in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 012301.	2.9	200
53	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 0.9$ and $2.36$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	3.9	199

#	ARTICLE	IF	CITATIONS
55	Suppression of charged particle production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	7.8	194
56	Azimuthal Anisotropy at the Relativistic Heavy Ion Collider: The First and Fourth Harmonics. Physical Review Letters, 2004, 92, 062301.	7.8	193
57	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	1.2	189
58	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 198-207.	4.1	189
59	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 708, 249-264.	4.1	188
60	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	4.1	184
61	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	7.8	182
62	Partonic Flow and Meson Production in Central Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2006, 97, 162301.	7.8	181
63	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2006, 97, 162301.	7.8	180
64	Scaling Properties of Hyperon Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2007, 98, 062301.	7.8	175
66	Azimuthal Anisotropy and Correlations in the Hard Scattering Regime at RHIC. Physical Review Letters, 2003, 90, 032301.	7.8	172
67	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	1.2	171
68	Coherent photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	4.1	171
69	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	7.8	171
70	Centrality, rapidity and transverse momentum dependence of charged particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	4.1	171
71	Multiplicity Distribution and Spectra of Negatively Charged Hadrons in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2001, 87, 112303.	7.8	169
72	Directed and Elliptic Flow in 158 GeV/Nucleon Pb+Pb Collisions. Physical Review Letters, 1998, 80, 4136-4140.	7.8	168

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73	production in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at the LHC. Physical Review Letters, 2005, 95, 122301.	4.1	166
74	Minijet deformation and charge-independent angular correlations on momentum subspace $(\hat{r}, \hat{\tau})$ in Au-Au collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review C, 2006, 73, .	2.9	166
75	Forward Neutral Pion Production in p+Pb and Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2006, 97, 152302.	7.8	166
76	Production of $\eta$ -mesons in p+p, p+Pb and central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 59-66.	4.1	165
77	Multistrange Baryon Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2005, 95, 122301.	7.8	164
78	Direct photon production in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	163
79	Midrapidity $\eta$ and $\Lambda$ -Production in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2002, 89, 092301.	4.1	161
80	Energy dependence of $\eta$ production in Au+Au collisions at $\sqrt{s_{NN}} = 1.3$ TeV. Physical Review Letters, 2002, 89, 092301.	4.1	161
81	Transverse momentum spectra of charged particles in proton+proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 53-68.	4.1	156
82	Transverse momentum spectra of charged particles in proton+proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 53-68.	4.1	156
83	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, 2013, 726, 610-622.	7.8	155
84	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, 2013, 726, 610-622.	7.8	154
85	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	3.6	153
86	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 53-68.	7.8	151
87	$K(892)^*$ resonance production in Au+Au and p+Pb collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2005, 71, .	2.9	149
88	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
89	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
90	Event-by-event fluctuations of average transverse momentum in central Pb+Pb collisions at 158 GeV per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 679-686.	4.1	146

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91	Longitudinal Double-Spin Asymmetry and Cross Section for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 252001.	7.8	141
92	Multistrange Baryon Production in Au-Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2004, 92, 182301.	7.8	140
93	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
94	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
95	Forward Neutral-Pion Transverse Single-Spin Asymmetries in Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2016, 117, 182301.	7.8	138
96	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	7.8	138
97	Production of $\Lambda$ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	2.9	135
98	Production of $\Lambda$ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	2.9	135
99	Production of $\Lambda$ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	4.1	133
100	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.	4.1	130
101	Multiparticle azimuthal correlations in Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
102	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
103	Production and Possible Modification in Au+Au and p+p Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 092301.	7.8	127
104	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
105	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. European Physical Journal C, 2010, 65, 111-125.	3.9	124
106	Azimuthal Anisotropy and Correlations at Large Transverse Momenta in p+Pb and Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 252301.	7.8	122
107	Production of $\Lambda$ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	4.1	122
108	Midrapidity Antiproton-to-Proton Ratio from Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 86, 4778-4782.	7.8	121

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109	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
110	Measurements of $\bar{D}^0$ meson production in relativistic heavy-ion collisions at the BNL Relativistic Heavy Ion Collider (RHIC). Physical Review C, 2009, 79, .	2.9	117
111	Azimuthal Anisotropy of $\bar{D}^0$ Production at Midrapidity from Au+Au Collisions at $\sqrt{s_{\mathrm{NN}}}=130$ GeV. Physical Review Letters, 2002, 89, 132301.	7.8	115
112	Rapidity and transverse momentum dependence of inclusive $\bar{D}^0$ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	115
113	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
114	Mass, quark-number, and $\sqrt{s_{\mathrm{NN}}}$ dependence of the second and fourth flow harmonics in ultrarelativistic nucleus-nucleus collisions. Physical Review C, 2007, 75, .	2.9	112
115	Production of $\bar{D}^0$ and $\bar{D}^+$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
116	Multi-strange baryon production in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2015, 111, 111011.	2.9	111
117	Production of charged pions, kaons, and antiprotons in high-energy proton-proton collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2020, 101, .	2.9	110
118	Coherent $\bar{D}^0$ Production in Ultraperipheral Heavy-Ion Collisions. Physical Review Letters, 2002, 89, 272302.	7.8	108
119	Strange Baryon Resonance Production in $\sqrt{s_{\mathrm{NN}}}=200$ GeV p+Au Collisions. Physical Review Letters, 2006, 97, 132301.	7.8	108
120	Global polarization measurement in Au+Au collisions. Physical Review C, 2007, 76, .	2.9	107
121	Measurement of jet suppression in central Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	4.1	105
122	System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.	7.8	102
123	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	3.9	101
124	Azimuthal anisotropy of $\bar{D}^0$ -meson production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2014, 90, .	2.9	101
125	Net charge fluctuations in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}}=130$ GeV. Physical Review C, 2003, 68, .	2.9	100
126	Exclusive $\bar{D}^0$ Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2014, 90, .	7.8	100



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127	<p>Enhanced strange baryon production in Au+Au collisions compared to</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	7.8	99
128	<p>Particle-Yield Modification in Jetlike Azimuthal Hadron Correlations in Pb-Pb Collisions at</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	2.9	97
129	<p>Physical Review Letters, 2012, 108, 092301.</p>	7.8	97
130	<p>Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.</p>	3.6	97
131	<p>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.</p>	4.7	97
132	<p>Production of Muons from Heavy Flavor Decays at Forward Rapidity in</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	7.8	96
133	<p>Narrowing of the Balance Function with Centrality in Au+Au Collisions at <math>\sqrt{s_{NN}} = 130</math> GeV. Physical Review Letters, 2003, 90, 172301.</p>	7.8	95
134	<p>Measurement of Prompt <math>D^0</math>-Meson Production in</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	7.8	94
135	<p>Femtoscopic study of <math>\pi^0</math> production in Au+Au collisions at</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	4.7	93
136	<p>Production of <math>\pi^0</math> as a function of charged particle multiplicity in pp collisions at</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	4.1	93
137	<p>Production of <math>\pi^0</math> at large transverse momentum in Pb collisions at</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	4.1	93
138	<p>Suppression of <math>\pi^0</math> production at forward rapidity in Pb+Pb collisions at</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	4.1	92
139	<p>Indications of Conical Emission of Charged Hadrons at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2009, 102, 052302.</p>	7.8	91
140	<p>Strangeness Enhancement in Cu-Cu and Au-Au Collisions at</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	7.8	91
141	<p>Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in <math>p\bar{p}</math> Collisions at <math>\sqrt{s} = 200</math> GeV. Physical Review Letters, 2008, 100, 232003.</p>	7.8	89
142	<p>Measurement of quarkonium production at forward rapidity in <math>pp</math> collisions at <math>\sqrt{s} = 7</math> TeV. European Physical Journal C, 2014, 74, 2974.</p>	3.9	89
143	<p>Production of <math>K^0_S</math> and <math>\phi</math> in Pb collisions at <math>\sqrt{s_{NN}} = 5.02</math> TeV. European Physical Journal C, 2016, 76, 245.</p>	3.9	89
144	<p>Multiplicity dependence of light-flavor hadron production in collisions at</p> $\langle p \rangle / \langle p \rangle + \langle p \rangle$	2.9	89

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145	production of $\Lambda$ baryons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 232301.	4.1	88
146	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88
147	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	87
148	Measurement of Inclusive Antiprotons from Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2001, 87, 262302.	7.8	86
149	Midrapidity $\Lambda$ production in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review C, 2002, 65, .	2.9	86
150	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 232303.	2.8	86
151	Midrapidity $\Lambda$ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	4.1	86
152	and $\Lambda$ meson production at high transverse momentum in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, .	2.9	86
153	Unveiling the strong interaction among hadrons at the LHC. Nature, 2020, 588, 232-238.	27.8	85
154	Azimuthally Sensitive Hanbury Brown-Twiss Interferometry in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2004, 93, .	7.8	84
155	Incident energy dependence of $\Lambda$ correlations at relativistic energies. Physical Review C, 2005, 72, .	2.9	84
156	Event-by-Event Fluctuations of the Kaon-to-Pion Ratio in Central Pb+Pb Collisions at 158 GeV per Nucleon. Physical Review Letters, 2001, 86, 1965-1969.	7.8	83
157	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2016, 116, 232301.	4.1	82
158	Production of $\Lambda$ baryons in Au+Au collisions at high transverse momenta in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	81
159	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	7.8	80
160	Identified Hadron Compositions in Au+Au Collisions at High Transverse Momenta. Physical Review C, 2009, 80, .	7.8	80
161	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	7.8	80
162	Production of $e^+e^-$ pairs accompanied by nuclear dissociation in ultraperipheral heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	79

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164	Transverse-momentum correlations on $(\hat{l}, \phi)$ from mean-pT fluctuations in Au+Au collisions at GeV. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, L37-L48.	3.6	78
165	Production of $^4\text{He}$ and $^3\text{He}$ in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	7.8	77
166	Production of $^4\text{He}$ and $^3\text{He}$ in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	1.5	74
167	$d\tilde{A}$ and $^3\text{He}$ Production in $\sqrt{s_{NN}} = 130$ GeV Au+Au Collisions. Physical Review Letters, 2001, 87, 262301.	7.8	72
168	Neutral pion production at midrapidity in pp and Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
169	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
170	Energy and system size dependence of $\tilde{K}$ meson production in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	4.1	71
171	Production of $^4\text{He}$ and $^3\text{He}$ in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	2.9	71
172	Heavy flavour decay muon production at forward rapidity in proton+proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 317, 278-281.	4.1	71
173	Measurement of the Bottom-Quark Contribution to Nonphotonic Electron Production in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	69
174	Measurement of the Inclusive differential jet cross section in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 317, 278-281.	7.8	68
175	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
176	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	7.8	67
177	Midrapidity Antiproton-to-Proton Ratio in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	67
178	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV Measured by the ALICE Experiment. Physical Review Letters, 2010, 105, 072002.	7.8	67
179	Suppression of $\tilde{K}$ meson production in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	4.1	67
180	rapidity in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	4.1	67

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181	Event-wise $\langle \epsilon \rangle$ fluctuations in Au-Au collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review C, 2005, 71, .	2.9	66
182	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
183	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in ultraperipheral relativistic heavy ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 142301.	2.9	64
184	Study of the $\Lambda$ - $\Lambda$ interaction with femtoscopy correlations in Xe-Xe, and Pb-Pb collisions at the LHC. Physics Letters, 2019, 123, 142301.	7.8	64
185	Measurements of transverse energy distributions in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2004, 70, .	4.1	64
186	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to $8$ TeV. European Physical Journal C, 2017, 77, 1.	2.9	64
187	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	2.9	62
188	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s} = 2.76$ TeV. Nuclear Physics, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	3.9	62
189	Two-pion Bose-Einstein correlations in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2010, 82, .	2.9	61
190	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.	4.7	61
191	Multiplicity dependence of inclusive pT spectra from pp collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2006, 74, .	3.9	61
192	Multiplicity dependence of inclusive pT spectra from pp collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2006, 74, .	4.7	60
193	Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	2.9	60
194	Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.7	60
195	Meson production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	2.9	60
196	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58

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200	Transverse momentum dependence of inclusive primary charged-particle production in Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
201	Kaon production and kaon to pion ratio in Au + Au collisions at $\sqrt{s_{\text{NN}}}=130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 143-150.	4.1	57
202	Measurement of electrons from semileptonic heavy-flavor hadron decays in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	4.7	57
203	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	56
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205	Hadronic resonance production in Au+Au collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	55
206	Charged and strange hadron elliptic flow in Cu+Cu collisions at $\sqrt{s_{\text{NN}}}=200$ GeV. Physical Review Letters, 2006, 97, 122301.	2.9	55
207	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV and $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
208	Global polarization of $\Lambda$ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	55
209	Measurement of prompt $J/\psi$ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
210	Measurement of $D_0$ , $D^+$ , $D^{*+}$ and $D^+s$ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
211	Fluctuations at Relativistic Energies. Physical Review Letters, 2009, 103, 092301.	7.8	53
212	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, .	2.9	53
213	$K^*(892)^0$ production in relativistic heavy ion collisions at $\sqrt{s_{\text{NN}}}=130$ GeV. Physical Review C, 2002, 66, .	2.9	52
214	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s_{\text{NN}}}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	4.1	51
215	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 89, .	2.9	51
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218	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	50
219	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.		50
220	Energy dependence of forward-rapidity $\langle J \rangle / \langle \psi \rangle$ and $\langle \psi \rangle$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
221	Pion interferometry in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}} = 62.4$ and 200 GeV. Physical Review C, 2009, 80, .	2.9	49
222	Measurement of charged jet production cross sections and nuclear modification in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.		49
223	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
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225	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
226	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
227	Proton- $\hat{r}$ correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	47
228	production in central Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2007, 98, 022301.	2.9	47
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230	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	2.9	46
231	Light vector meson production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	2.9	45
232	Light vector meson production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	45
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234	Forward-central two-particle correlations in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 126-139.		45

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235	<p> <math display="block">J \sim \frac{1}{\sqrt{1 - \beta^2}}</math> </p> <p>Elliptic Flow in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</p> <p>Spin alignment measurements of the <math>\Lambda(1520)</math> resonance in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</p>	7.8	45
236	<p> <math display="block">K^0_S \rightarrow \pi^+ \pi^-</math> </p> <p>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (stretchy="false")</p>		

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253	Two-pion femtoscopy in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 044907.	2.9	39
254	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
255	First measurement of jet mass in $\text{Pb-Pb}$ and $\text{Pb-Pb}$ collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	4.1	39
256	Observation of Two-Source Interference in the Photoproduction Reaction $\text{AuAu} \rightarrow \text{AuAu} + \gamma$ Coherent $\rho(2S)$ photo-production in ultra-peripheral $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	7.8	38
257	Measurement of $\rho(2S)$ photo-production in ultra-peripheral $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	7.8	38
258	Rapidity and transverse-momentum dependence of the inclusive $J/\psi$ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
259	Measurement of $\rho(2S)$ photo-production in ultra-peripheral $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	7.8	38
260	Multiplicity dependence of $\pi^0$ , $K$ , and $p$ production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1-11.	3.9	38
261	Measurement of $\rho(2S)$ photo-production in ultra-peripheral $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	7.8	38
262	Pion-Kaon Correlations in Central $\text{Au+Au}$ Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2003, 91, 262302.	7.8	37
263	Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2003, 91, 262302.	4.7	37
264	Two-pion femtoscopy in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, 044907.	2.9	37
265	Measurement of $\rho(2S)$ photo-production in ultra-peripheral $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	4.1	37
266	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
267	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
268	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
269	Measurement of transverse energy at midrapidity in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, 044907.	2.9	36
270	Centrality dependence of pion freeze-out radii in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 044907.	2.9	36



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272	Investigation of the $\Lambda$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
273	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	35
274	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2015, 91, .	4.7	35
275	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
276	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 308-322.	4.1	35
277	Direct photon elliptic flow 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.	4.1	35
278	Pseudorapidity asymmetry and centrality dependence of charged hadron spectra in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 70, .	2.9	34
279	$\pi^0$ and $\eta$ meson production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
280	Multiplicity dependence of jet-like two-particle correlation structures in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.1	33
281	Energy dependence of exclusive $\psi$ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
282	Spectator Nucleons in Pb+Pb Collisions at 158 A-GeV. European Physical Journal A, 1998, 2, 383-390.	2.5	33
283	The energy dependence of angular correlations inferred from mean-pT fluctuation scale dependence in heavy ion collisions at the SPS and RHIC. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 451-465.	3.6	33
284	Multiplicity dependence of jet-like two-particle correlation structures in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.1	33
285	Differential studies of inclusive $J/\psi$ and $\Upsilon(2S)$ 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
286	Measurement of electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	4.1	33
287	Production of $\Lambda$ and $\bar{\Lambda}$ in proton-proton collisions at $\sqrt{s}=2.76$ TeV, and direct photon production at high transverse momentum in $\sqrt{s}=2.76$ TeV. Physical Review D, 2015, 91, .	2.9	32
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291	Production of multi-strange hyperons and strange resonances in the NA49 experiment. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 367-374.	3.6	31
292	Hadronization geometry from net-charge angular correlations on momentum subspace	4.1	31
293	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
294	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	3.9	31
295	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
296	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
297	Neutral pion and $\eta$ meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
298	Inclusive, prompt and non-prompt $J/\psi$ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
299	Coherent $\bar{K}^0$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
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302	Experimental Evidence for an Attractive $\bar{K}^0$ - $\Lambda$ Interaction. Physical Review Letters, 2021, 127, 172301.	7.8	30
303	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
304	Measurements of inclusive jet spectra in Pb-Pb and central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 5.02, 7.0, 13.0$ TeV. Physical Review C, 2020, 101, .	2.9	29
305	Production and Baryon-to-Meson Ratios in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 5.02, 7.0, 13.0$ TeV. Physical Review C, 2011, 83, .	7.8	29
306	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, .	2.9	28

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308	Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
309	Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
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311	Production of $J/\psi$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 89-101.	4.7	27
312	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.	4.9	27
313	Multiplicity dependence of light (anti-)nuclei production in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93.	4.1	27
314	Multiplicity dependence of inclusive $J/\psi$ production at mid-rapidity in pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
315	Neutral pion production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93.	4.1	26
316	Measurement of electrons from semileptonic heavy-flavor hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2015, 91, .	2.9	25
317	Multiplicity Bose-Einstein correlations in p-Pb and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93.	2.9	25
318	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 97, .	4.9	25
319	Suppression of $J/\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
320	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-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
321	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 8.16 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	24
322	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24

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327	Azimuthal anisotropy of charged jet production in Pb+Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	4.1	23
328	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
329	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 7$ TeV and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
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333	Transverse momentum and event-shape dependence of D meson flow harmonics in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 782, 29-37.	4.1	22
334	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 782, 29-37.	4.9	21
335	Measurement of the cross sections of $\Lambda$ and $\bar{\Lambda}$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2010, 82, .	7.8	21
336	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.1	20
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338	Suppression of $\Lambda$ meson production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	4.1	20
339	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.	4.7	20
340	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
341	Production of the $\Lambda$ meson in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2010, 82, .	2.9	20
342	Suppression of $\Lambda$ meson production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	2.9	20

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344	Rapidity and centrality dependence of proton and antiproton production from Au197+Au197 collisions at $\sqrt{s_{NN}}=130\text{ GeV}$ . Physical Review C, 2004, 70, .	2.9	19
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348	Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
349	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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351	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
352	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032.	5.4	18
353	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
354	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review Letters, 2019, 122, 072301.	7.8	18
355	Measurement of prompt $D^0$ , $D^+$ , $D^{*+}$ , and $D^s$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$ . Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
356	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	18
357	Coherent $\psi$ and $\psi'$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$ . European Physical Journal C, 2021, 81, 1.	3.9	18
358	Measurement of Prompt $D^0$ , $D^+$ , $D^{*+}$ , and $D^s$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$ . Physical Review C, 2019, 99, 014907.	7.8	18
359	Spectra of identified high- $p_T$ hyperons in Au+Au collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review C, 2010, 81, .	4.7	17
360	Measurement of $\Lambda$ and $\Sigma$ production in Au+Au collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review C, 2010, 81, .	2.9	17

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362	Measurement of beauty and charm production in pp collisions at $\sqrt{s} = 5.02$ TeV via non-prompt and prompt D mesons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
363	Observation of $\Upsilon(2S)$ production in ultraperipheral heavy-ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, .	4.7	16
364	Prompt and non-prompt $\Upsilon(2S)$ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
365	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
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367	System size dependence of associated yields in hadron-triggered jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	4.1	15
368	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
369	$K^*(892)^0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review C, 2020, 102, .	2.9	15
370	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.	4.7	15
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372	Polarization of $\Lambda$ and $\bar{\Lambda}$ hyperons along the Beam Direction in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 80, 135223.	7.8	15
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374	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	4.7	14
375	$J/\psi$ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
376	Measurement of strange baryon-antibaryon interactions with femtosopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
377	Inclusive $J/\psi$ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
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381	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
382	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
383	Neutral pion and $\hat{1}$ meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
384	Measurement of the inclusive $J/\psi$ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	13
385	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
386	Studies of $J/\psi$ 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
387	Strangeness in Au+Au collisions at $\sqrt{s_{\text{NN}}}=130$ GeV observed with the STAR detector. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1535-1542.	3.6	12
388	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. Nuclear Physics A, 2010, 832, 134-147.	1.5	12
389	Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s}=0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	3.9	12
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392	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
393	Study of $J/\psi$ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
394	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe-Xe collisions at $\sqrt{s_{\text{NN}}}=5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
395	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s}=0.9, 7$ and 13 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
396	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

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398	Production in Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	4.1	11
399	Coherent photoproduction of $\rho$ vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
400	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
401	Underlying event properties in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
402	Measurement of the production cross section of prompt $\chi_{c0}$ baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
403	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in $\sqrt{s} = 5.02 \text{ TeV}$ pp collisions and Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	7.8	11
404	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
405	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$ . Physical Review C, 2017, 96, .	2.9	10
406	Two-particle differential transverse momentum and number density correlations in Pb-Pb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. Physical Review C, 2019, 100, .	2.9	10
407	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ and Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ . European Physical Journal C, 2020, 80, 1.	3.9	10
408	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	7.8	10
409	Centrality and pseudorapidity dependence of charged hadron production at intermediate $p_T$ in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 130 \text{ GeV}$ . Physical Review C, 2004, 70, .	2.9	9
410	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
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412	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	7.8	9
413	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ . Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
414	Prompt and non-prompt $J/\psi$ production cross sections at midrapidity in proton-proton collisions at $\sqrt{s} = 5.02$ and $13 \text{ TeV}$ . Journal of High Energy Physics, 2022, 2022, 1.	4.7	9



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416	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	7.8	8
417	Inclusive $J/\psi$ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
418	Measurement of charged jet cross section in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review Letters, 2019, 123, 022301.	4.7	8
419	Measurement of the inclusive isolated photon production cross section in pp collisions at $\sqrt{s_{NN}}=7$ TeV. European Physical Journal C, 2019, 79, 1.	4.1	8
420	Measurements of the groomed and ungroomed jet angularities in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2022, 2022, .	2.9	8
421	Measurement of the inclusive isolated photon production cross section in pp collisions at $\sqrt{s_{NN}}=7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
422	Measurements of the groomed and ungroomed jet angularities in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	8
423	Identified particle dependence of nuclear modification factors in d+Au collisions at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1121-S1124.	3.6	7
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426	One-dimensional charged kaon femtoscopy in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2019, 100, .	2.9	7
427	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2019, 100, .	2.9	7
428	Measurement of the (anti)3He elliptic flow in PbPb 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
429	Production of light (anti)nuclei in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
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431	Production of muons from heavy-flavour hadron decays in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	1.1	6
432	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	6

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433	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
434	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
435	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	4.1	6
436	Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
437	Inclusive $\psi$ production at midrapidity in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
438	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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441	Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
442	Energy dependence of $\phi$ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
443	Z-boson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
444	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}}=5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
445	Forward $\Lambda$ production and nuclear stopping power in Au-Au collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	2.9	4
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447	The ALICE trigger system performance for p-p and Pb-Pb collisions. Journal of Instrumentation, 2012, 7, C01057-C01057.	1.2	4
448	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4
449	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
450	$J/\psi$ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4

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451	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
452	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	4
453	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
454	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
455	Centrality dependence of $J/\psi$ and $\Upsilon(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
456	Production of $\Omega$ mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
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