

Anju Bhasin

List of Publications by Year in descending order

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667
papers

42,969
citations

1792

103
h-index

3903

177
g-index

676
all docs

676
docs citations

676
times ranked

8932
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, 102-183.	0.6	2,780
2	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	0.5	811
3	Systematic measurements of identified particle spectra in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	1.1	714
4	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	2.9	659
5	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	1.5	561
6	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2005, 72, .	1.1	520
7	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.	2.9	507
8	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.	2.9	482
9	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	1.1	465
10	Azimuthal Charged-Particle Correlations and Possible Local Strong Parity Violation. Physical Review Letters, 2009, 103, 251601.	1.5	433
11	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	2.9	424
12	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.	6.5	399
13	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	2.9	379
14	Bulk properties of the medium produced in relativistic heavy-ion collisions from the beam energy scan program. Physical Review C, 2017, 96, .	2.9	365
15	Multiplicity dependence of pion, kaon, proton and lambda production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 112, 032302.	1.1	357
16	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 112, 032302.	1.5	307
17	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	1.5	301
18	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	2.9	296

#	ARTICLE	IF	CITATIONS
19	Higher Moments of Net Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2010, 105, 022302. < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mrow > < mml:msubsup > < mml:mi>K</mml:mi> < mml:mi>S</mml:mi> < mml:mn>0</mml:mn> </mml:mrow> </mml:math> and	2.9	278
20	Production in Pb-Pb Collisions at < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < mml:mi>K</mml:mi> </mml:math>	2.9	270
21	Strange particle production in p+pcollisions at $\sqrt{s}=200\text{GeV}$. Physical Review C, 2007, 75, .	1.1	267
22	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$ with ALICE. Physical Review C, 2013, 88, .	1.1	267
23	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, .	1.1	263
24	Identified Baryon and Meson Distributions at Large Transverse Momenta from Au+Au Collisions at $\sqrt{s_{NN}}=200\text{GeV}$. Physical Review Letters, 2006, 97, 152301.	2.9	261
25	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	6.0	249
26	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200\text{GeV}$. Physical Review C, 2005, 71, .	1.1	248
27	Beam Energy Dependence of Moments of the Net-Charge Multiplicity Distributions in Au+Au Collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physical Review Letters, 2010, 105, 022302.	2.9	245
28	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 235-238.	1.5	235
29	Identified hadron spectra at large transverse momentum in Au+Au collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 235-238.	1.5	235
30	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Journal of High Energy Physics, 2012, 1, .	1.5	228
31	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Journal of High Energy Physics, 2012, 1, .	1.6	228
32	Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions. Physical Review C, 2008, 77, .	1.1	225
33	Challenges in QCD matter physics –The scientific programme of the Compressed Baryonic Matter experiment at FAIR. European Physical Journal A, 2017, 53, 1.	1.0	222
34	Long range rapidity correlations and jet production in high energy nuclear collisions. Physical Review C, 2009, 80, .	1.1	220
35	Charged-particle multiplicity measurement in proton collisions at $\sqrt{s}=7\text{TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	1.4	212
36	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	1.5	210

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37	Production of pions, kaons and protons in pp collisions at $\sqrt{s} = 900\text{--}1300\text{ GeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	209
38	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2013, 110, 012301.	1.1	205
39	Global polarization of hyperons in Au + Au collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review C, 2018, 98, .	1.1	205
40	Charmonium and $e + e^{-}$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. European Physical Journal C, 2013, 73, 2617.	1.4	203
41	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.	1.4	202
42	Open Charm Yields and Anisotropy in Au+Au Collisions at $\sqrt{s_{NN}} = 200\text{--}276\text{ GeV}$. Physical Review Letters, 2005, 94, 062301.	2.9	201
43	Identified particle production, azimuthal anisotropy, and interferometry measurements in Au+Au collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2014, 736, 198-207.	1.1	200
44	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 0.9\text{ TeV}$ and 2.36 TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	1.4	199
45	Suppression of charged-pion production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2014, 736, 198-207.	2.9	194
46	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 198-207.	1.5	189
47	Symmetrized two-particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 249-264.	1.5	188
48	Beam-Energy Dependence of the Directed Flow of Protons, Antiprotons, and Pions in Au+Au Collisions. Physical Review Letters, 2014, 112, 162301.	2.9	186
49	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2014, 736, 198-207.	2.9	184
50	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2016, 116, 222302.	2.9	182
51	Meson Production in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2014, 736, 198-207.	2.9	181
52	Production of K_S^0 and K_S^0 in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review C, 2015, 91, .	1.1	180
53	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}} = 200\text{--}276\text{ GeV}$. Physical Review Letters, 2006, 97, 162301.	2.9	179
54	Observation of D and \bar{D} Meson Production in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Nuclear Modifications in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2014, 113, 142301.	2.9	179

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55	Scaling Properties of Hyperon Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 062301.	2.9	175
56	Coherent Λ production in ultra-peripheral Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	1.5	171
57	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	171
58	Suppression in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	1.5	171
59	Minijet deformation and charge-independent angular correlations on momentum subspace ($\hat{r}, \hat{\phi}$) in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2006, 73, .	1.1	166
60	Forward Neutral Pion Production in p+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152302.	2.9	166
61	Multistrange Baryon Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 122301.	2.9	164
62	Direct photon production in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	1.5	163
63	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	1.5	161
64	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	1.5	156
65	Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	1.5	155
66	Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	155
67	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	1.5	154
68	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	151
69	$K(892)^*$ resonance production in Au+Au and p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	1.1	149
70	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	1.4	149
71	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	148
72	Beam-Energy Dependence of Charge Separation along the Magnetic Field in Au+Au Collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	2.9	147

#	ARTICLE	IF	CITATIONS
73	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.	2.9	141
74	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.	1.4	140
75	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	139
76	Forward Neutral-Pion Transverse Single-Spin Asymmetries in Proton-Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 252001.	2.9	138
77	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2011, 106, 022301.	2.9	138
78	Centrality dependence of particle production in proton-proton collisions at $\sqrt{s}=0.9$ TeV. Physical Review C, 2015, 91, 054907.	1.1	135
79	Production of Λ and $\bar{\Lambda}$ mesons in proton-proton collisions at $\sqrt{s}=0.9$ TeV. Physical Review C, 2015, 91, 054907.	1.5	133
80	Neutral pion and Λ meson production in proton-proton collisions at $\sqrt{s}=0.9$ TeV. Physical Review C, 2015, 91, 054907.	1.5	133
81	Production of Λ and $\bar{\Lambda}$ mesons in proton-proton collisions at $\sqrt{s}=0.9$ TeV. Physical Review C, 2015, 91, 054907.	2.9	131
82	Multiplicity dependence of the average transverse momentum in pp, pPb, and PbPb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	1.5	130
83	Multiparticle azimuthal correlations in Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, 054907.	1.1	130
84	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, 054907.	1.1	129
85	Inclusive charged hadron elliptic flow in Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2012, 86, 054907.	1.1	127
86	Production of $\Sigma(1385)^+$ and $\Xi(1385)^0$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=0.9$ TeV. European Physical Journal C, 2015, 75, 1.	1.4	125
87	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.	1.4	124
88	Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2013, 88, 054907.	1.1	124
89	Azimuthal Anisotropy and Correlations at Large Transverse Momenta in p+Au and Au+Au Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2004, 93, 252301.	2.9	122
90	Pion, kaon, proton and anti-proton transverse momentum distributions from Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2012, 86, 054907.	1.5	122

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91	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.	1.6	118
92	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, .	1.1	117
93	Transverse momentum dependence of inclusive \bar{D}^0 production in pp collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2012, 2012, 1.	1.5	115
94	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.	1.6	115
95	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, .	1.1	112
96	Production of \bar{K}^0 and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	111
97	Multi-strange baryon production in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401.	1.1	111
98	Nonmonotonic Energy Dependence of Net-Proton Number Fluctuations. Physical Review Letters, 2021, 126, 092301.	2.9	111
99	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2020, 101, .	1.1	110
100	Strange Baryon Resonance Production in $\sqrt{s_{\mathrm{NN}}}=200$ GeV p+Au Collisions. Physical Review Letters, 2006, 97, 132301.	2.9	108
101	Global polarization measurement in Au+Au collisions. Physical Review C, 2007, 76, .	1.1	107
102	Collision energy dependence of moments of net-kaon multiplicity distributions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 551-560.	1.5	107
103	Third harmonic flow of charged particles in Au+Au collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2012, 2012, 1.	1.1	106
104	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.	1.5	105
105	System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.	2.9	102
106	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	1.4	101
107	Azimuthal anisotropy of D^0 -meson production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2012, 2012, 1.	1.1	101
108	Exclusive photoproduction off protons in ultraperipheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2012, 2012, 1.	2.9	100

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109	<p> $J \propto p_T$ </p> <p>Polarization in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.</p>	2.9	99
110	<p> Search for the chiral magnetic effect with isobar collisions at $\sqrt{s_{NN}} = 2.76$ TeV by the STAR Collaboration at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2022, 105, . </p>	1.1	97
111	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.</p>	1.1	97
112	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Physical Review Letters, 2012, 108, 072301.</p>	2.9	97
113	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Production of Muons from Heavy Flavor Decays at Forward Rapidity in pp and Pb-Pb collisions at the LHC. Journal of High Energy Physics, 2018, 2018, 1.</p>	1.6	97
114	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Measurement of $\langle N_{ch}^{\pm} \rangle$ and Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.</p>	2.9	96
115	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Azimuthal Anisotropy at Midrapidity in pp and Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.</p>	2.9	96
116	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Meson Production in pp and Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.</p>	2.9	94
117	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Femtoscopy of pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.</p>	1.6	93
118	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>7 TeV at the LHC with two-pion Bose-Einstein correlations. Physical Review D, 2011, 84, .</p>	1.6	93
119	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>stretchy="false"> production as a function of charged particle multiplicity in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.</p>	1.5	93
120	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Observation of Charge Asymmetry Dependence of Pion Elliptic Flow and the Possible Chiral Magnetic Wave in Heavy-Ion Collisions. Physical Review Letters, 2015, 114, 252302.</p>	2.9	93
121	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.</p>	1.5	93
122	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.</p> <p>Scaled-factorial-moment analysis of 200A-GeV sulfur+gold interactions. Physical Review Letters, 1990, 65, 412-415.</p>	2.9	92
123	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>J/ψ suppression at forward rapidity in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 766, 212-224.</p>	1.5	92
124	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Indications of Conical Emission of Charged Hadrons at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2009, 102, 052302.</p>	2.9	91
125	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.</p>	2.9	91
126	<p> $dN_{ch}^{\pm} / d\eta d\phi d\ln\tau_{\perp} \propto \langle N_{ch}^{\pm} \rangle \pm \langle N_{ch}^{\pm} \rangle \langle N_{ch}^{\pm} \rangle$ </p> <p>Fluctuations of charge separation perpendicular to the event plane and local parity violation in Au + Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .</p>	2.9	91

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127	Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in $p\bar{p}$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2008, 100, 232003.	2.9	89
128	Observation of an Energy-Dependent Difference in Elliptic Flow between Particles and Antiparticles in Relativistic Heavy Ion Collisions. Physical Review Letters, 2013, 110, 142301.	2.9	89
129	Measurement of quarkonium production at forward rapidity in $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2974.	1.4	89
130	Production of $K^*_{S^1}$ (892) and $\phi(1020)$ in Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2016, 76, 245.	1.4	89
131	Multiplicity dependence of light-flavor hadron production in inclusive collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2019, 99, 014907.	1.1	89
132	Inclusive production of $K^*_{S^1}$ (892) and $\phi(1020)$ in Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	1.5	88
133	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	88
134	Suppression of Υ production in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	1.5	87
135	Charm and strange particle production in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2012, 85, 054907.	1.1	87
136	Strange and multistrange particle production in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2012, 85, 054907.	1.1	86
137	Measurement of $\Upsilon(1S)$ production in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2012, 85, 054907.	1.1	86
138	Multi-strange baryon production in $\sqrt{s_{NN}}=2.76$ TeV collisions with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	1.1	86
139	Azimuthal Anisotropy in $\sqrt{s_{NN}}=2.76$ TeV Pb-Pb Collisions. Physical Review C, 2012, 85, 054907.	1.1	86
140	Production of $\Upsilon(1S)$ and $\Upsilon(2S)$ in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2012, 85, 054907.	2.9	85
141	Incident energy dependence of correlations at relativistic energies. Physical Review C, 2005, 72, 054907.	1.1	84
142	Pseudorapidity and transverse-momentum distributions 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, 2016, 753, 319-329.	1.5	82
143	Multiplicities and rapidity densities in interactions with emulsion nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 201, 397-402.	1.5	81
144	Production of $\Upsilon(1S)$ and $\Upsilon(2S)$ at high transverse momenta in $\sqrt{s_{NN}}=2.76$ TeV Au+Au collisions. Physical Review C, 2009, 80, 054907.	1.1	81

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145	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	2.9	80
146	Identified Hadron Compositions in $p \langle p \rangle$ and $p \langle p \rangle$ Collisions at High Transverse Momenta at $p \langle p \rangle$ production at high transverse momenta	2.9	80
147	in $p \langle p \rangle$ and $p \langle p \rangle$ Correlation Function in $p \langle p \rangle$ Collisions at $p \langle p \rangle$	1.5	80
148	at $p \langle p \rangle$ Collisions at $p \langle p \rangle$	2.9	80
149	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $p \langle p \rangle$ Growth of Long-Range Forward-Backward Multiplicity Correlations with Centrality in $p \langle p \rangle$	2.9	80
150	Collisions at $p \langle p \rangle$	2.9	79
151	Physical Review Letters, 2009, 103, 172301. Transverse-momentum correlations on (l, ϕ) from mean-pt fluctuations in Au+Au collisions at GeV. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, L37-L48.	1.4	78
152	Measurement of an Excess in the Yield of $p \langle p \rangle$ at Very Low $p \langle p \rangle$	2.9	77
153	Anisotropic flow in $p \langle p \rangle$ collisions at $p \langle p \rangle$	2.9	77
154	Production of $p \langle p \rangle$ and $p \langle p \rangle$ in $p \langle p \rangle$ collisions at $p \langle p \rangle$	0.6	74
155	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $p \langle p \rangle$	1.1	73
156	Measurement of the Transverse Single-Spin Asymmetry in $p \langle p \rangle$ Physical Review C, 2014, 89, 014907.	2.9	73
157	Neutral pion production at midrapidity in pp and Pb+Pb collisions at $p \langle p \rangle$ = 2.76, {mathrm {TeV}} s NN = 2.76 TeV. European Physical Journal C, 2014, 74, 1.	1.4	72
158	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	2.9	72
159	Energy dependence of hyperon production in nucleus+ nucleus collisions at SPS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 68-74.	1.5	71
160	Energy and system size dependence of $p \langle p \rangle$ meson production in $p \langle p \rangle$ and $p \langle p \rangle$ collisions at $p \langle p \rangle$	1.5	71
161	Transverse single-spin asymmetry and cross section for $p \langle p \rangle$ nuclei, and their antinuclei in $p \langle p \rangle$	1.1	71
162	mesons at large Feynman $p \langle p \rangle$	1.6	70

#	ARTICLE	IF	CITATIONS
163	Precision Measurement of the Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2015, 115, 092002.	2.9	70
164	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 308, 265-275.	2.9	69
165	Measurement of the Inclusive Charged Jet Cross Section in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	2.9	69
166	Measurement of $\langle p_T \rangle$ and Angular Distributions from Linearly Polarized Photon Collisions. Physical Review Letters, 2021, 127, 052302.	2.9	69
167	Limiting fragmentation in oxygen-induced emulsion interactions at 14.6, 60, and 200 GeV/nucleon. Physical Review Letters, 1989, 62, 2801-2804.	2.9	68
168	Measurement of the Bottom Quark Contribution to Nonphotonic Electron Production in $\sqrt{s} = 2.76$ TeV Collisions. Physical Review Letters, 2010, 105, 072002.	2.9	68
169	Measurement of the Inclusive Charged Jet Cross Section in pp Collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 308, 269-272.	2.9	68
170	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	68
171	Long-range pseudorapidity dihadron correlations in d+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.1	68
172	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.	1.1	68
173	Cumulants and correlation functions of net-proton, proton, and antiproton multiplicity distributions in midrapidity Antiproton-to-Proton Ratio in Relativistic Heavy Ion Collider. Physical Review C, 2021, 104, .	1.1	68
174	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.	2.9	67
175	Suppression of $\langle p_T \rangle$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	2.9	67
176	Longitudinal and transverse spin-asymmetries for inclusive jet production at mid-rapidity in polarized proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.5	67
177	Longitudinal and transverse spin-asymmetries for inclusive jet production at mid-rapidity in polarized proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.5	67
178	Measurement of the Inclusive Charged Jet Cross Section in pp Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.6	66
179	Measurement of the Inclusive Charged Jet Cross Section in pp Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	2.9	66
180	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66

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181	Beam energy-dependent two-pion interferometry and the freeze-out eccentricity of pions measured in heavy ion collisions at the STAR detector. <i>Physical Review C</i> , 2015, 92, . $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.1	65
182	in ultraperipheral relativistic heavy ion collisions at $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.1	64
183	Pair Production in Anisotropic Flow Using Multiparticle Azimuthal Correlations in $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	2.9	64
184	Study of the $\pi\pi$ Interaction with femtoscopy correlations in $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.5	64
185	Xe-Xe, and Pb-Pb Collisions at the LHC. <i>Physics Letters</i> , $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.1	64
186	correlations studied via femtoscopy in $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	2.9	62
187	Measurement of Longitudinal Spin Asymmetries for Weak Boson Production in Polarized Proton-Proton Collisions at RHIC. <i>Physical Review Letters</i> , 2014, 113, 072301.	1.4	62
188	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV . <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	62
189	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	62
190	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.1	61
191	and Au collisions $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.6	61
192	Two-pion Bose-Einstein correlations in $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.6	61
193	Event-by-event mean $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$ fluctuations in pp and Pb-Pb collisions at the LHC. <i>European Physical Journal C</i> , 2014, 74, 1. First Observation of the Directed Flow of	2.9	61
194	and $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.6	60
195	Multiplicity dependence of inclusive spectra from $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.1	60
196	in Cu and Au collisions at $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.5	60
197	TeV collisions at $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.5	60
198	meson production at central rapidity in proton-proton collisions at $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle = \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle + \langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$	1.5	60

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200	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
201	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	58
202	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.	1.4	58
203	Measurement of electrons from semileptonic heavy-flavor hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	58
204	Measurement of electrons from semileptonic heavy-flavor hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.6	57
205	Measurement of electrons from semileptonic heavy-flavor hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.6	56
206	Measurement of electrons from semileptonic heavy-flavor hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.5	56
207	Directed flow in Au+Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV. Physical Review C, 2006, 73, .	1.1	55
208	Hadronic resonance production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review C, 2015, 92, .	1.1	55
209	Hadronic resonance production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review C, 2015, 92, .	1.1	55
210	Measurements of dielectron production in Au + Au collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV from the STAR experiment. Physical Review C, 2015, 92, .	1.1	55
211	Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review C, 2016, 93, .	1.1	55
212	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.	1.6	55
213	Production of hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review C, 2015, 92, .	1.1	55
214	Measurement of prompt J/ψ 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.	1.6	54
215	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}} = 2.76, 2.76, 2.76$ TeV. Physical Review C, 2015, 92, .	1.1	54
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218	Fluctuations of charged-particle multiplicities at Relativistic Energies. Physical Review Letters, 2009, 103, 092301.	2.9	53
219	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, 054907.	1.1	53
220	Beam energy dependence of (anti-)deuteron production in Au + Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2019, 99, 054907.	1.1	53
221	Dielectron Mass Spectra from Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2014, 113, 022301.	2.9	52
222	Measurement of elliptic flow of light nuclei at $\sqrt{s_{NN}} = 62.4, 39, 27, 19.6, 11.5,$ and 7.7 GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, 054907.	1.1	52
223	Measurement of the lifetime of Λ hyperons in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2014, 113, 022301.	1.1	52
224	Global Polarization of Λ and Σ Hyperons in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2014, 113, 022301.	2.9	52
225	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.	1.6	51
226	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the CERN Large Hadron Collider. Physical Review C, 2014, 89, 054907.	1.1	51
227	$\langle \delta N \delta N \rangle$ -correlations in central Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2007, 75, 054907.	1.1	50
228	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.	1.6	50
229	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, 772, 68-80.	1.5	50
230	Energy dependence of forward-rapidity $\psi_{\{J\}} / \langle \psi \rangle$ and $\psi_{\{2S\}} / \langle \psi \rangle$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	1.4	50
231	Pion interferometry in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}} = 62.4$ and 200 GeV. Physical Review C, 2009, 80, 054907.	1.1	49
232	Measurement of charged jet production cross sections and nuclear modification in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	1.5	49
233	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2019, 79, 1.	1.4	49
234	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. Physical Review Letters, 2020, 125, 022301.	2.9	49

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235	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	49
236	Jet-Hadron Correlations in p - p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2014, 112, 122301.	2.9	48
237	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.	1.6	48
238	Proton- Λ correlations in central Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2006, 74, .	1.1	47
239	D -meson production in p -Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 112302.	1.1	47
240	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in Au - Au collisions at RHIC. Physical Review Letters, 2016, 116, 112302.	2.9	47
241	D -meson production at mid-rapidity in Au + Au collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2016, 116, 112302.	1.1	47
242	Global Λ -hyperon polarization in Au - Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 112302.	1.1	47
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244	Charge correlations using the balance function in Pb - Pb collisions at $\sqrt{s} = 500$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	1.5	46
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246	Balance functions from pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 92, 034907.	1.1	45
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248	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.	1.1	45
249	Freeze-out radii extracted from three-pion cumulants in pp , p - Pb and Pb - Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	1.5	45
251	Forward-central two-particle correlations in p - Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2016, 753, 126-139.	2.9	45
252	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	2.9	45

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253	<p>Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$</p> <p>$i$</p> <p>Baryon Production in</p> <p>Spin alignment measurements of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$</p> <p>$K$</p> <p>$T_j$ ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (stretchy="false")</p>	2.9	45
254	<p>i</p>		

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271	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 273-285.		40
272	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	1.4	40
273	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
274	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	1.1	39
275	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	1.4	39
276	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.	1.5	39
277	Production of $\Upsilon(1S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 102, 112301.	2.9	38
278	Observation of Two-Source Interference in the Photoproduction Reaction $\gamma p \rightarrow \pi^0 p$. Physical Review Letters, 2009, 102, 112301.	2.9	38
279	Anisotropy in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 102, 112301.	2.9	38
280	Coherent $\Upsilon(2S)$ photo-production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	1.6	38
281	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	38
282	Measurement of $\langle p_T \rangle$ dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	1.4	38
283	Multiplicity dependence of π^0 , K, and p production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	38
284	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K_S^0 . Physical Review Letters, 2009, 102, 112301.	1.4	38
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286	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 D, 2009, 80, 1.	1.6	37
287	Direct virtual photon production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	1.1	37
288	Direct virtual photon production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	1.5	37

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290	Search for a common baryon source in high-multiplicity pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	1.5	37
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292	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	36
293	Jet-like correlations with direct-photon and neutral-pion triggers at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 689-696.	1.5	36
294	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	1.1	36
295	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	1.1	36
296	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	1.4	36
297	Azimuthal Harmonics in Small and Large Collision Systems at RHIC Top Energies. Physical Review Letters, 2019, 122, 172301.	2.9	36
298	Investigation of the Λ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	1.5	36
299	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2006, 74, .	1.1	35
300	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2014, 89, .	1.6	35
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302	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	35
303	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 769, 508-522.	1.5	35
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314	Multiplicity dependence of jet-like two-particle correlation structures in p+Pb collisions at $\sqrt{s}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	1.5	33
315	Differential studies of inclusive J/ψ and $\bar{\chi}(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	33
316	Measurement of electrons from heavy-flavour hadron decays in p+Pb collisions at $\sqrt{s}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	1.5	33
317	Harmonic decomposition of three-particle azimuthal correlations at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2018, 98, .	1.1	33
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319	Transverse sphericity of primary charged particles in minimum bias proton+proton collisions at $\sqrt{s}=0.9, 2.76, 7, 10.8, 13.8, 17.3, 20.0, 27.6, 39, 62.4$ GeV. European Physical Journal C, 2012, 72, 1.	1.1	32
320	Transverse sphericity of primary charged particles in minimum bias proton+proton collisions at $\sqrt{s}=0.9, 2.76, 7, 10.8, 13.8, 17.3, 20.0, 27.6, 39, 62.4$ GeV. European Physical Journal C, 2012, 72, 1.	1.4	32
321	Beauty production in pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	1.5	32
322	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s}=0.9, 2.76, 7, 10.8, 13.8, 17.3, 20.0, 27.6, 39, 62.4$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	1.5	32
323	Coherent diffractive photoproduction of η mesons on gold nuclei at 200 GeV/nucleon-pair at the Relativistic Heavy Ion Collider. Physical Review C, 2017, 96, .	1.1	32
324	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s}=0.9, 7, 8$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	32

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326	Bounce \hat{v} off in 197Au induced collisions with Ag(Br) nuclei at 11.6 A GeV/c. European Physical Journal A, 1998, 2, 61-67.	1.0	31
327	Flow and interference results from $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 352, 1-10.	1.5	31
328	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.	1.6	31
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330	Centrality dependence of charged jet production in $\sqrt{s_{NN}} = 5.02$ TeV Pb collisions at the LHC. European Physical Journal C, 2016, 76, 271.	1.4	31
331	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	31
332	Neutral pion and η meson production in $\sqrt{s_{NN}} = 2.76$ TeV Pb collisions at the LHC. European Physical Journal C, 2018, 78, 1.	1.4	31
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334	Rapidity density distributions in $\sqrt{s_{NN}} = 0.16, 0.28, 0.32, 0.9, 1.9, 2.76, 4.0$ TeV induced heavy-ion interactions at the LHC. Physical Review Letters, 1992, 69, 745-748.	2.9	30
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336	Coherent π^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
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339	Energy dependence of the anisotropic flow of charged particles in $\sqrt{s_{NN}} = 0.16, 0.28, 0.32, 0.9, 1.9, 2.76, 4.0$ TeV induced heavy-ion interactions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 352, 376-388.	1.5	30
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345	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 467-473.	1.5	29
346	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	1.2	29
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348	Production and Baryon-to-Meson Ratios in $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2011, 83, .	2.9	29
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350	System size and energy dependence of near-side dihadron correlations. Physical Review C, 2012, 85, .	1.1	28
351	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
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354	J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 790, 89-101.	1.5	28
355	Charged kaon femtosopic correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 467-473.	2.9	28
356	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2017, 95, 054907.	1.6	27
357	Search for weakly decaying $\Lambda(1640)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2018, 98, 054907.	1.1	27
358	Exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2018, 98, 054907.	1.5	27
359	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2018, 98, 054907.	1.6	27
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362	Responses of the biting midge <i>Culicoides impunctatus</i> to acetone, CO ₂ and 1-octen-3-ol in a wind tunnel. Medical and Veterinary Entomology, 2000, 14, 300-307.	0.7	26
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365	Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 86, 054902.	1.1	25
366	Di-electron spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2012, 86, 054902.	1.1	25
367	Measurement of electrons from semileptonic heavy-flavor hadron decays in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2015, 91, 014011.	2.9	25
368	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, 014011.	1.6	25
369	Multipion Bose-Einstein correlations in Au+Au and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, 054907.	1.1	25
370	Systematic studies of ρ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 98, 054907.	1.5	25
371	Systematic studies of ρ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 98, 054907.	1.5	25
372	J/ψ production cross section and its dependence on charged-particle multiplicity in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 87-93.	1.5	25
373	Methods for a blind analysis of isobar data collected by the STAR collaboration. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	1.3	25
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376	Effect of event selection on jetlike correlation measurement in d+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	1.5	24
377	Measurements of $\psi(2S)$ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	1.5	24
378	Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity 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.	1.5	24

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381	Measurement of $\langle N \rangle$ and $\langle N^2 \rangle$ of Net-Proton Multiplicity Distributions in Au+Au Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	2.9	24
382	Measurement of $\langle N \rangle$ and $\langle N^2 \rangle$ of Net-Proton Multiplicity Distributions in Au+Au Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	2.9	24
383	Correlations in pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	1.5	23
384	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb+Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	1.5	23
385	Pb+Pb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	1.5	23
386	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ TeV and $\sqrt{s}=5.02$ TeV. European Physical Journal C, 2017, 77, 245.	1.4	23
387	Azimuthal anisotropy in Cu+Au collisions at $\sqrt{s}=2.76$ GeV. Physical Review C, 2018, 98, .	1.4	23
388	Measurement of the longitudinal spin asymmetries for weak boson production in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2019, 99, .	1.6	23
389	Production of light-flavor hadrons in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	23
390	Production of light-flavor hadrons in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	23
391	Prompt D ⁰ , D ⁺ , and D ⁺ production in Pb+Pb collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	23
392	Measurement of the cross section and longitudinal double-spin asymmetry for dijet production in polarized pp collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2017, 95, .	1.6	22
393	Correlation measurements between flow harmonics in Au+Au collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 459-465.	1.5	22
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395	Multiplicity dependence of K [*] (892) ⁰ and $\bar{K}^*(1020)$ production in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	2.9	22
396	Multiplicity dependence of K [*] (892) ⁰ and $\bar{K}^*(1020)$ production in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	1.5	22

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398	Energy, target, projectile and multiplicity dependences of intermittency behaviour in high energy O(Si, Tj) collisions. Physical Review C, 2017, 96, 014907.	1.5	21
399	Directed and elliptic flow of charged particles in Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, 014907.	1.1	21
400	Event-plane-dependent dihadron correlations with harmonic flow in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, 014907.	1.1	21
401	Beam-energy dependence of charge balance functions from Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, 014907.	1.1	21
402	Λ^0 production in U + U collisions at $\sqrt{s_{NN}} = 2.76$ GeV measured with the STAR experiment. Physical Review C, 2016, 94, 014907.	1.1	21
403	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, 014907.	1.1	21
404	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135434.	1.1	21
405	First measurement of the $ t $ -dependence of coherent J/ψ photonuclear production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136280.	1.5	21
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407	Production of the Λ^0 meson in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 014907.	1.5	20
408	Λ^0 cross section in p+pcollisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2010, 82, 014907.	1.6	20
409	Photoproduction of Λ^0 in AuAu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 014907.	1.1	20
410	Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	1.5	20
411	Jet-like measurements in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 014907.	2.9	20
412	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.	1.6	20
413	Production of the Λ^0 meson in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 014907.	1.1	20
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416	On the multiplicity fluctuations in relativistic heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 512-516.	1.5	19
417	$^{28}\text{Si}(^{32}\text{S})$ fragmentation at 3.7 A, 14.6 A and 200 A GeV. Zeitschrift für Physik A, 1995, 351, 311-316.	0.9	19
418	Strangelet search in Au+Au collisions at $\sqrt{s_{NN}}=200\text{GeV}$. Physical Review C, 2007, 76, .	1.1	19
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420	Measurement of dijet T in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 332-339.	1.5	19
421	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.	1.6	19
422	Charge-Dependent Directed Flow in Cu+Cu and Au+Au collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physical Review Letters, 2017, 118, 012301.	2.9	19
423	Transverse spin-dependent azimuthal correlations of charged pion pairs measured in p^+p^- collisions at $\sqrt{s}=500\text{GeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 332-339.	1.5	19
424	Collision-energy dependence of p - t correlations in Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2019, 99, .	1.1	19
425	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and 8 TeV. Physical Review C, 2019, 99, .	1.1	19
426	Search for the Chiral Magnetic Effect via Charge-Dependent Azimuthal Correlations Relative to Spectator and Participant Planes in Au+Au collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physical Review Letters, 2022, 128, 092301.	2.9	19
427	Exploring the $N\bar{N}$ coupled system with high precision correlation techniques at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137272.	1.5	19
428	The ALICE Collaboration. Nuclear Physics A, 2009, 830, 919c-924c.	0.6	18
429	Measurement of D^* mesons in jets from Au+Au collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physical Review Letters, 2022, 128, 092301.	1.6	18
430	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	18
431	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.	1.6	18
432	Elliptic flow of electrons from heavy-flavor hadron decays in Au+Au collisions at $\sqrt{s_{NN}}=200, 62.4,$ and 39 GeV. Physical Review C, 2017, 95, .	1.1	18

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433	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in p -Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2019, 123, 072301.	2.9	18
434	Measurement of prompt D_0 , D^+ , D^{*+} , and D_s^+ production in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
435	Measurement of groomed jet substructure observables in p + p collisions at $s=200$ GeV with STAR. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135846.	1.5	18
436	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb - Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Bulk properties of the system formed in Pb - Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	1.5	18
437	Measurement of prompt D_0 , D^+ , D^{*+} , and D_s^+ production in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.1	18
438	Coherent J/ψ and Υ photoproduction at midrapidity in ultra-peripheral Pb - Pb collisions at $\sqrt{s_{NN}} \sim 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	18
439	Measurement of prompt D_0 , D^+ , D^{*+} , and D_s^+ production in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	2.9	18
440	Measurement of prompt D_0 , D^+ , D^{*+} , and D_s^+ production in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.5	18
441	Target nucleus fragmentation in $16O$ +(Ag,Br) interactions at 200 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 180-184.	1.5	17
442	ON THE ENERGY AND MASS DEPENDENCE OF THE MULTIPLICITY IN RELATIVISTIC HEAVY-ION INTERACTIONS. Modern Physics Letters A, 1990, 05, 169-174.	0.5	17
443	Spectra of identified high- p_T hyperons in Pb - Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2010, 81, .	1.6	17
444	Energy dependence of K^0 , p , and K fluctuations in Au - Au collisions from $\sqrt{s_{NN}} = 7.7$ to 200 GeV. Physical Review C, 2015, 92, .	1.1	17
445	A Review on ρ -Meson Production in Heavy-Ion Collision. Advances in High Energy Physics, 2015, 2015, 1-16.	0.5	17
447	Centrality dependence of $\rho(2S)$ suppression in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
448	Analysis of the apparent nuclear modification in peripheral Pb - Pb collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	1.5	17
449	Measurement of beauty and charm production in pp collisions at $\sqrt{s} = 5.02$ TeV via non-prompt and prompt D mesons. Journal of High Energy Physics, 2021, 2021, 1.	1.6	17
450	Light nuclei collectivity from $3He$ and $4He$ in Pb - Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136941.	1.5	17

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451	Study of the transverse mass spectra of strange particles in Pb-Pb collisions at 158A GeV/c. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 823-840.	1.4	16
452	Observation of $\bar{\Lambda}^0$ production and nuclear modification at mid-rapidity in ultraperipheral heavy-ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, .	1.4	16
453	Prompt and non-prompt $\psi(2S)$ production and nuclear modification at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	16
454	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	16
455	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	1.1	16
456	Longitudinal double-spin asymmetry for inclusive jet and dijet production in polarized proton collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2021, 103, .	1.6	16
457	Helium production in 10.7 A GeV Au induced nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 397-402.	1.5	15
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459	Factorial Moments of ^{28}Si Induced Interactions with Ag(Br) Nuclei. Acta Physica Hungarica A Heavy Ion Physics, 2001, 13, 213-221.	0.4	15
460	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.	1.5	15
461	Freeze-out dynamics via charged kaon femtoscopy in central Au+Au collisions. Physical Review C, 2013, 88, .	1.1	15
462	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	15
463	$K^*(892)^0$ and $\bar{\Lambda}^0(1020)$ production at midrapidity in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review C, 2020, 102, .	1.1	15
464	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 100, 034907.	1.5	15
465	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
466	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
467	Modification factor of light neutral-meson spectra up to high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 100, 034907.	1.5	15
468	Observation of a multiplicity dependence in the pT-differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137065.	1.5	15

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470	A study of recoil protons in ultra-relativistic nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 230, 175-180.	1.5	14
471	Hyperon yields in PbPb collisions from NA57 experiment. Nuclear Physics A, 2003, 715, 140c-150c.	0.6	14
472	Two-particle correlations on transverse momentum and momentum dissipation in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 799-816.	1.4	14
473	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.4	14
474	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.4	14
475	J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
476	Measurement of strange baryon-antibaryon interactions with femtosopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	1.5	14
477	Measurement of transverse single-spin asymmetries of Λ and electromagnetic jets at forward rapidity in 200 and 500 GeV transversely polarized proton-proton collisions. Physical Review D, 2021, 103, .	1.6	14
478	J/ψ production and nuclear modification at forward rapidity in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	1.5	14
479	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
480	Systematic investigation of scaled factorial cumulant moments for nucleus-nucleus interactions. Physical Review D, 1993, 47, 3726-3732.	1.6	13
481	Critical behaviour in Au fragmentation at 10.7A GeV. European Physical Journal A, 1998, 1, 77-83.	1.0	13
482	Multiplicity of charged particles in Pb+Pb collisions at SPS energies. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 321-335.	1.4	13
483	Rapidity and species dependence of particle production at large transverse momentum for Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2011, 83, .	1.1	13
484	Experimental studies of di-jet survival and surface emission bias in Au+Au collisions via angular correlations with respect to back-to-back leading hadrons. Physical Review C, 2011, 83, .	1.1	13
485	J/ψ production at low transverse momentum in p+ppd+ Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2016, 93, .	1.1	13
486	W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13

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488	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
489	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 98, .	1.1	13
490	Longitudinal double-spin asymmetries for dijet production at intermediate pseudorapidity in polarized collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2018, 98, .	1.6	13
491	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.	1.4	13
492	Measurement of inclusive charged-particle jet production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2020, 102, .	1.1	13
493	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	2.9	13
494	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
495	Observation of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2021, 127, 092301.	1.3	13
496	Investigating the role of strangeness in baryon-antibaryon annihilation at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137060.	1.5	13
497	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. Nuclear Physics A, 2010, 832, 134-147.	0.6	12
498	Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	1.4	12
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501	Measurement of the inclusive Λ^+ hyperons in polarized proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2018, 121, 092301.	1.6	12
502	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, .	1.4	12
503	Measuring K^0_S production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 98, .	1.9	12
504	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12

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506	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02, 7$ and 13 TeV. European Physical Journal C, 2021, 81, 1.	1.4	12
507	Measurement of the production cross sections and their ratios in $\sqrt{s} = 1.6$ TeV collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 81, 1.	1.6	12
508	Charged particle multiplicities, densities and fluctuations in Pb+Pb interactions at 158 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 92-96.	1.5	11
509	Angular distributions of light projectile fragments in deep inelastic Pb + Em interactions at 160 A GeV. European Physical Journal A, 1999, 6, 421-425.	1.0	11
510	Di-hadron correlations with identified leading hadrons in 200 GeV Au + Au and d + Au collisions at STAR. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 233-240.	1.5	11
511	Measurement of flow and nonflow correlations by two- and four-particle cumulant measurements of azimuthal harmonics in $\sqrt{s} = 200$ GeV Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 40-47.	1.5	11
512	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
513	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, 505-516.	1.6	11
514	Beam energy dependence of net- \hat{b} fluctuations measured by the STAR experiment at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2020, 102, .	1.1	11
515	Azimuthal correlations of prompt D mesons with charged particles in pp and p-Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	11
516	Production of ϕ mesons in p-Pb collisions at $\sqrt{s} = 8.16$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	1.5	11
517	Underlying event measurements in p+p collisions at $\sqrt{s} = 200$ GeV at RHIC. Physical Review D, 2020, 101, .	1.6	11
518	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
519	First measurement of quarkonium polarization in nuclear collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136146.	1.5	11
520	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
521	Measurement of the production cross section of prompt χ_{c0} baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	11
522	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in pp and Pb-Pb Collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	2.9	11

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524	Results on hyperon production from NA57. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1607-1614.	1.4	10
525	Measurement of polarization in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 122301.	1.5	10
526	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
527	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, 054907.	1.1	10
528	Inclusive J/ψ production in Xe+Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 122301.	1.5	10
529	Production of Λ baryons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 122301.	1.6	10
530	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, 034907.	1.1	10
531	Measurement of the central exclusive production of charged particle pairs in proton-proton collisions at $\sqrt{s} = 200$ GeV with the STAR detector at RHIC. Journal of High Energy Physics, 2020, 2020, 1.	1.6	10
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533	Beam-energy dependence of the directed flow of deuterons in Au+Au collisions. Physical Review C, 2020, 102, 034907.	1.4	10
534	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	10
535	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 126, 162001.	2.9	10
536	System-size dependence of transverse momentum correlations at $\sqrt{s_{NN}} = 200$ GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 87, 034907.	1.1	9
537	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
538	Longitudinal double-spin asymmetries for \bar{c} quarks in the forward direction for 510 GeV polarized pp collisions. Physical Review D, 2018, 98, 014011.	1.6	9
539	Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
540	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, 014011.	1.6	9

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541	Measurement of inclusive ρ production in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at mid-rapidity. Physical Review Letters, 2021, 127, 092302.	1.6	9
542	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2021, 127, 092302.	2.9	9
543	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	9
544	Prompt and non-prompt J/ψ production cross sections at midrapidity in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	9
545	Hypertriton Production in $\sqrt{s} = 2.76$ TeV Pb-Pb Collisions at Mid-Rapidity. Physical Review Letters, 2022, 128, .	2.9	9
546	The STAR Collaboration. Nuclear Physics A, 2009, 830, 969c-971c.	0.6	8
547	ρ -meson production at forward rapidity in pPb collisions at $\sqrt{s} = 5.02$ TeV and in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136708.	5.02	8
548	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	2.9	8
549	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s} = 8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
550	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	0.5	8
551	Measurement of charged jet cross section in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at mid-rapidity. Physical Review Letters, 2019, 123, 022301.	1.6	8
552	Measurement of ρ -meson production in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at mid-rapidity. Physical Review Letters, 2019, 123, 022301.	1.1	8
553	Comparison of transverse single-spin asymmetries for forward ρ production in polarized $\sqrt{s} = 2.76$ TeV pp collisions. Physical Review Letters, 2021, 126, 022301.	1.5	8
554	production in polarized $\sqrt{s} = 2.76$ TeV pp collisions. Physical Review Letters, 2021, 126, 022301.	1.6	8
555	Measurement of ρ -meson production in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at mid-rapidity. Physical Review Letters, 2019, 123, 022301.	1.1	8
556	Azimuthal anisotropy measurements of strange and multistrange hadrons in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at mid-rapidity. Physical Review C, 2021, 103, .	1.1	8
557	Measurement of the inclusive isolated photon production cross section in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	8
558	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.	1.5	8

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559	Pinning the Gluonic Structure of the Deuteron with $\langle \mathbf{r}_D \rangle$ Photoproduction in $\langle \mathbf{r}_D \rangle$ Measurements of the groomed and ungroomed jet angularities in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, .	2.9	8
560	STUDY OF THE CHARACTERISTICS OF La139 EMULSION INTERACTIONS AT 1.2A GeV. International Journal of Modern Physics A, 1990, 05, 755-769.	0.5	7
562	Rescattering probed by the emission of slow target associated particles in high-energy heavy-ion interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 230-236.	1.5	7
563	Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 90, .	1.6	7
564	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.	1.6	7
565	Measurement of the longitudinal spin transfer to Λ hyperons in polarized proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 26-32.	1.6	7
566	Beam energy dependence of rapidity-even dipolar flow in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 26-32.	1.5	7
567	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.	1.5	7
568	Measurement of jet radial profiles in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 100, .	1.5	7
569	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.1	7
570	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.5	7
571	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.	1.5	7
572	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	1.5	7
573	Longitudinal double-spin asymmetry for inclusive jet and dijet production in polarized proton collisions at $\sqrt{s} = 510$ GeV. Physical Review D, 2022, 105, .	1.4	7
574	Limiting Fragmentation, Scaling and Substructural Dependence of Multiparticle Production in High Energy Heavy Ion Reactions. Physica Scripta, 1990, T32, 168-172.	1.6	7
575	Multiplicities induced in violent heavy-ion collisions from 5A to 2A-105A MeV. Physical Review Letters, 1991, 67, 1201-1205.	1.2	6
576	Multiplicities induced in violent heavy-ion collisions from 5A to 2A-105A MeV. Physical Review Letters, 1991, 67, 1201-1205.	2.9	6

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577	Rapidity density distributions and their fluctuations in violent Au-induced nuclear interactions at 11.6 A GeV/c. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 166-170.	1.5	6
578	Particle production in gold and lead induced interactions at AGS and SPS. Nuclear Physics A, 1995, 590, 597-600.	0.6	6
579	He production in 158 A GeV/c Pb on Pb interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 445-449.	1.5	6
580	Multifractal analysis of particles produced in 197 Au, 32 S and 16 O induced interactions at high energies. Europhysics Letters, 1998, 44, 571-577.	0.7	6
581	Hyperon production at the CERN SPS: results from the NA57 experiment. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S129-S138.	1.4	6
582	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.	1.5	6
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