

Marek Bombara

List of Publications by Year in descending order

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Version: 2024-02-01

408
papers

26,047
citations

3933

88
h-index

8866

145
g-index

413
all docs

413
docs citations

413
times ranked

7878
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002. Systematic measurements of identified particle spectra in $\langle \mathit{pp} \rangle$, $\langle \mathit{AuAu} \rangle$, and $\langle \mathit{PbPb} \rangle$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	1.2	811
2	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	2.9	714
3	Long-range angular correlations on the near and away side in pAu and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	7.8	659
4	Centralty Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 107, 032301.	4.1	561
5	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	507
6	Suppression of charged particle production at large transverse momentum in central PbAu 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
7	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	4.1	433
8	Transverse Momentum and Centrality Dependence of High-pT Nonphotonic Electron Suppression in $\mathit{Au+Au}$ Collisions at $\sqrt{s_{NN}} = 2.00$ GeV. Physical Review Letters, 2007, 98, 192301.	16.7	399
9	Multiplicity dependence of pion, baryon, proton and lambda production in pAu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	7.8	379
10	Centrality dependence of charged particle production at large transverse momentum in PbAu 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	307
11	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	11	301
12	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	7.8	296
13	Production of D mesons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	7.8	270
14	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	2.9	267
15	Two-pion Bose-Einstein correlations in central PbAu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	4.1	235
16	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
17	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228

#	ARTICLE	IF	CITATIONS
19	Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions. Physical Review C, 2008, 77, .		225
20	Long range rapidity correlations and jet production in high energy nuclear collisions. Physical Review C, 2009, 80, .	2.9	220
21	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
22	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s}=2.76\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.1	210
23	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900\text{ GeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
24	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review Letters, 2013, 110, 012301.	3.9	208
25	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.	3.9	203
26	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
27	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.	3.9	199
28	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review Letters, 2011, 106, 012301.	7.8	194
29	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s}=2.76\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 249-264.	4.1	189
30	Production and Proton Production in Central Pb-Pb Collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review Letters, 2012, 108, 012301.	4.1	188
31	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review Letters, 2016, 116, 222302.	7.8	184
32	Meson Production in Au+Au Collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review Letters, 2011, 106, 012301.	7.8	182
33	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review Letters, 2016, 116, 222302.	7.8	181
34	Elliptic Flow in Pb-Pb collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review C, 2015, 91, 014903.	7.8	180
35	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review Letters, 2013, 111, 102301.	4.1	171
36	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review Letters, 2013, 111, 102301.	7.8	171

#	ARTICLE	IF	CITATIONS
37	Centrality dependence of the pseudorapidity distribution of charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	4.1	171
38	Direct photon production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	4.1	163
39	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	4.1	161
40	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 312, 1.	4.1	156
41	Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV with ALICE at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 350, 1.	4.1	155
42	Collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	155
43	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	154
44	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	151
45	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
46	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
47	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
48	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
49	Forward Neutral Pion Transverse Single-Spin Asymmetries in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	138
50	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	7.8	138
51	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	2.9	135
52	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	133
53	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	133
54	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

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55	Multiparticle azimuthal correlations in p -Pb and Pb-Pb collisions at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2014, 90, .	2.9	130
56	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2016, 93, .	2.9	129
57	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=2.76$ TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	125
58	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. <i>European Physical Journal C</i> , 2010, 65, 111-125.	3.9	124
59	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	118
60	Measurements of meson production in relativistic heavy-ion collisions at the BNL Relativistic Heavy Ion Collider (RHIC). <i>Physical Review C</i> , 2009, 79, .	2.9	117
61	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.1	115
62	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	115
63	Mass, quark-number, and NN dependence of the second and fourth flow harmonics in ultrarelativistic nucleus-nucleus collisions. <i>Physical Review C</i> , 2007, 75, .	2.9	112
64	Production of $\Lambda(892)^0$ and $\bar{\Lambda}(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	111
65	Multi-strange baryon production in p-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review C</i> , 2013, 87, 054907.	2.9	111
66	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review C</i> , 2020, 101, .	2.9	110
67	Global polarization measurement in Au+Au collisions. <i>Physical Review C</i> , 2007, 76, .	2.9	107
68	Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 746, 1-14.	4.1	105
69	System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. <i>Physical Review Letters</i> , 2008, 101, 252301.	7.8	102
70	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. <i>European Physical Journal C</i> , 2013, 73, 2662.	3.9	101
71	Azimuthal anisotropy of meson production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review C</i> , 2013, 87, 054907.	2.9	101
72	Exclusive photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review C</i> , 2013, 87, 054907.	7.8	100

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73	<p>display="inline"></mml:mi></mml:mi></mml:mo>/</mml:mo></mml:mi>ĩ</mml:mi></mml:math> Polarization in </mml:math> collisions at </mml:math></p> <p>display="inline"></mml:mi>p</mml:mi></mml:mi>p</mml:mi></mml:math> Collisions at </mml:math></p>	7.8	99
74	<p>Enhancement of hyperon production at central rapidity in 158AGeV/cPbPb collisions. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 427-441.</p> <p>Enhanced strange baryon production in Au+Au collisions compared to </mml:math></p>	3.6	98
75	<p>display="inline"></mml:mi>p</mml:mi></mml:mi>p</mml:mi></mml:math> and Pb-Pb Collisions at </mml:math></p> <p>display="inline"></mml:mrow></mml:msort></mml:mrow></mml:msub></mml:mi>s</mml:mi></mml:mrow></mml:mi></p>	2.9	97
76	<p>Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at </mml:math></p> <p>display="inline"></mml:msqrt></mml:msub></mml:mi>s</mml:mi></mml:mi>NN</mml:mi></mml:msub></mml:msqrt></mml:mo>=</mml:mo></p>	7.8	97
77	<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> <p>Production of Muons from Heavy Flavor Decays at Forward Rapidity in </mml:math></p>	4.7	97
78	<p>display="inline"></mml:mi>p</mml:mi></mml:mi>p</mml:mi></mml:math> and Pb-Pb Collisions at </mml:math></p> <p>display="inline"></mml:msqrt></mml:msub></mml:mi>s</mml:mi></mml:mrow></mml:mi>N</mml:mi></mml:mi>N</mml:mi></mml:mrow></p>	7.8	96
79	<p>display="inline"></mml:mrow></mml:mi>p</mml:mi></mml:mi>p</mml:mi></mml:math> Meson Production in </mml:math></p> <p>display="inline"></mml:mrow></mml:mi>p</mml:mi></mml:mi>p</mml:mi></mml:math> collisions at </mml:math></p>	7.8	94
80	<p>Femtoscopy of </mml:math> collisions at </mml:math></p> <p>display="inline"></mml:msqrt></mml:mi>s</mml:mi></mml:msqrt></mml:mo>=</mml:mo></mml:mrow></mml:mi>0.9</mml:mi></mml:mrow></mml:math> and</p>	4.7	93
81	<p>7A TeV at the LHC with two-pion Bose-Einstein correlations. Physical Review D, 2011, 84, .</p> <p>stretchy="false"></mml:mo></mml:mi>ĩ</mml:mi></mml:math> production as a function of charged particle multiplicity in pp collisions at </mml:math></p>	4.1	93
82	<p>Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in pPb collisions at </mml:math></p> <p>altimg="si1.gif" overflow="scroll"></mml:msqrt></mml:msub></mml:mrow></mml:mi>s</mml:mi></mml:mrow></mml:mrow></mml:mi></p>	4.1	93
83	<p>suppression at forward rapidity in Pb-Pb collisions at </mml:math></p> <p>display="inline"></mml:msqrt></mml:msub></mml:mrow></mml:mi>s</mml:mi></mml:mrow></mml:mrow></mml:mi></p>	4.1	92
84	<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
85	<p>Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in p+Pb Collisions at s=200A GeV. Physical Review Letters, 2008, 100, 232003.</p>	7.8	89
86	<p>Measurement of quarkonium production at forward rapidity in pp collisions at s=7 TeV. European Physical Journal C, 2014, 74, 2974.</p>	3.9	89
87	<p>Production of K K* (892) and phi (1020) in pPb collisions at s=5.02 TeV. European Physical Journal C, 2016, 76, 245.</p>	3.9	89
88	<p>Multiplicity dependence of light-flavor hadron production in </mml:math> collisions at </mml:math></p> <p>display="inline"></mml:mrow></mml:msqrt></mml:mi>s</mml:mi></mml:msqrt></mml:mo>=</mml:mo></mml:mrow></mml:mi>0.16</mml:mi></mml:mrow></mml:math>. Physical Review C, 2019, 99, .</p>	2.9	89
89	<p>stretchy="false"></mml:mo></mml:mi>ĩ</mml:mi></mml:math> production in pp collisions at </mml:math></p> <p>altimg="si1.gif" overflow="scroll"></mml:msqrt></mml:mi>s</mml:mi></mml:msqrt></mml:mo>=</mml:mo></mml:mrow></mml:mi>2.76</mml:mi></mml:mrow></mml:math> A </mml:math></p>	4.1	88
90	<p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.</p> <p>Transverse momentum dependence of D-meson production in Pb-Pb collisions at s NN = 2.76 TeV. Journal of High Energy Physics, 2016, 2016, 1.</p>	4.7	88

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91	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2012, 462, 1-10.	2.9	87
92	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, 252301.	2.8	86
93	Production of Λ and $\bar{\Lambda}$ hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 462, 1-10.	2.9	86
94	and $\bar{\Lambda}$ production at high transverse momentum in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 87, 054907.	2.9	86
95	Production of Λ and $\bar{\Lambda}$ hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 462, 1-10.	4.1	82
96	Production of Λ and $\bar{\Lambda}$ hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 462, 1-10.	2.9	81
97	Meson Azimuthal Anisotropy in Mid-Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 462, 1-10.	7.8	80
98	Growth of Long-Range Forward-Backward Multiplicity Correlations with Centrality in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	7.8	79
99	Production of Λ and $\bar{\Lambda}$ hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 462, 1-10.	7.8	77
100	Anisotropic flow in Xe+Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	7.8	76
101	Production of Λ and $\bar{\Lambda}$ hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 462, 1-10.	1.5	74
102	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
103	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
104	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.	4.1	71
105	Production of deuterons, tritons, and \bar{d} , \bar{t} in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 462, 1-10.	4.1	71
106	Production of Λ and $\bar{\Lambda}$ hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 462, 1-10.	2.9	71
107	Relativistic heavy-ion 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, 2018, 784, 82-95.	2.9	70
108	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	7.8	69

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109	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	6.8	68
110	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
111	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 772, 567-577.	4.1	68
112	Midrapidity Antiproton-to-Proton Ratio in $\sqrt{s_{NN}} = 0.9$ TeV and High-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
113	Suppression of \bar{p}/p in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	67
114	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
115	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in $\sqrt{s_{NN}} = 200$, 276 , and 400 GeV. Physical Review Letters, 2019, 123, 142301.	2.9	64
116	Study of the Inclusive Interaction with Femtoscopy Correlations in $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 142301.	7.8	64
117	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	4.1	64
118	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	64
119	Centrality and pseudorapidity dependence of the charged particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	62
120	Two-pion Bose-Einstein correlations in $\sqrt{s_{NN}} = 900$ GeV Pb-Pb collisions at the LHC. Physical Review D, 2010, 82, .	7.8	62
121	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	62
122	Production of inclusive $\bar{p}(1S)$ and $\bar{p}(2S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.1	61
123	Production of inclusive $\bar{p}(1S)$ and $\bar{p}(2S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.7	61
124	Production of inclusive $\bar{p}(1S)$ and $\bar{p}(2S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.1	60
125	Production of inclusive $\bar{p}(1S)$ and $\bar{p}(2S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.1	60
126	Production of inclusive $\bar{p}(1S)$ and $\bar{p}(2S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.1	60

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127	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = \{2.76, 2.76\}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
128	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	7.8	58
129	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
130	Measurement of 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	57
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133	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.	2.9	55
134	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
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137	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	4.1	51
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148	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. Physical Review Letters, 2020, 125, 022301.	7.8	49
149	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s}=\sqrt{s_{NN}}=13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	49
150	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
151	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	2.9	47
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153	Light vector meson production in pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2015, 92, .	2.9	46
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155	Forward-central two-particle correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 126-139.	4.1	45
156	Spin alignment measurements of the ρ meson in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2015, 92, .	7.8	45
157	Spin alignment measurements of the ρ meson in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2015, 92, .	7.8	45
158	Spin alignment measurements of the ρ meson in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2015, 92, .	7.8	45

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168	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
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171	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
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176	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.	4.7	38
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178	Multiplicity dependence of π , K, and p production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
179	Coherent J/ψ photoproduction at forward rapidity 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.	7.8	38
180	Measurement of J/ψ 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.	4.1	37

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182	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
183	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
184	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, 014907.	4.9	36
185	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907.	4.9	36
186	Production of $\Sigma(1385)^{\pm}$ and $\Lambda(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
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189	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
190	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
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203	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
204	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
205	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{NN}}$. European Physical Journal C, 2018, 78, 1.	3.9	31
206	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
207	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.	4.7	30
208	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, Pb-Pb, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
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220	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2016, 93, 044907.	4.7	27
221	Search for weakly decaying $\Lambda(1520)$ in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, 044907.	4.1	27
222	Exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2016, 93, 044907.	4.1	27
223	Multiplicity dependence of light (anti)-nucleon production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
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225	Neutral pion production in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2016, 93, 044907.	4.1	26
226	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review D, 2015, 91, 014011.	2.9	25
227	Multipion Bose-Einstein correlations in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, 044907.	2.9	25
229	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2016, 93, 044907.	4.1	25
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232	Measurement of the production of high-pT 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, 2017, 771, 467-481.	4.1	24
233	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-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
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258	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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260	The ALICE Collaboration. Nuclear Physics A, 2009, 830, 919c-924c.	1.5	18
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262	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
263	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
264	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in $\langle \mathbf{p}_T \rangle$ -Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
265	Measurement of prompt D^0 , D^+ , D^{*+} , and D_s production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
266	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	18
267	Coherent $\langle \mathbf{p}_T \rangle$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
268	Measurement of Prompt $\langle \mathbf{p}_T \rangle$, $\langle \mathbf{p}_T \rangle$, and $\langle \mathbf{p}_T \rangle$ meson production and azimuthal anisotropy in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
269	Measurement of $\langle \mathbf{p}_T \rangle$ meson production and azimuthal anisotropy in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2019, 122, 072301.	4.1	18
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274	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.	3.9	16
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276	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	2.9	16
277	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
278	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
279	$K^*(892)^0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review C, 2020, 102, .	2.9	15
280	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	4.1	15
281	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
282	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.	4.7	15
283	Nuclear 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, 2020, 102, .	4.1	15
284	Observation of a multiplicity dependence in the p_T -differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review C, 2021, 103, 034905.	4.1	15
285	First measurement of charm and charm baryon production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2021, 103, 034905.	7.8	15
286	Measurement of di-electron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 99, .	2.9	14
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291	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
292	Multiplicity of charged particles in Pb-Pb collisions at SPS energies. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 321-335.	3.6	13
293	W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
294	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	7.8	13
295	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
296	Neutral pion and \hat{I} meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
297	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	13
298	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
299	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.	4.7	13
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