

# Federico Cindolo

## List of Publications by Year in descending order

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Version: 2024-02-01

358  
papers

20,877  
citations

9786

73  
h-index

12597

132  
g-index

360  
all docs

360  
docs citations

360  
times ranked

8699  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	1.2	811
2	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	7.8	659
3	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 106, 032301.	4.1	561
4	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
5	Centrality dependence of $K^0_S$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	2.9	465
6	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	4.1	433
7	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
8	Search for Lepton-Universality Violation in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191801.	7.8	355
9	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	7.8	307
10	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	7.8	301
11	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	2.9	267
12	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	235
13	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
14	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	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
20	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	2.76	210
21	Production of pions, kaons and protons in pp collisions at $\sqrt{s} = 900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
22	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
23	Suppression of charged-pion production 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, 2014, 736, 196-207.	7.8	194
24	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	2.76	189
25	Harmonic decomposition of two-particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.1	188
26	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	182
27	Elliptic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2015, 92, 014907.	7.8	180
28	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	171
29	Suppression of charged-pion production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.1	171
30	Violation of Charm Decays. Physical Review Letters, 2019, 122, 211803.	7.8	157
31	Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.1	156
32	Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	155
33	Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	151
34	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
35	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
36	Search for $\Lambda_c^+$ Decays. Physical Review Letters, 2020, 124, 041801.	7.8	148

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at Central Rapidity. Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	7.8	138
40	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
41	Multiparticle azimuthal correlations in Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
42	Averaged Observables in the Centrality Dependence of Particle Production in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2020, 125, 011802.	7.8	128
43	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
44	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s} = 900$ GeV. European Physical Journal C, 2010, 65, 111-125.	3.9	124
45	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
46	Rapidity and transverse momentum dependence of inclusive charm production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	115
47	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
48	Performance of the ALICE Time-Of-Flight detector at the LHC. European Physical Journal Plus, 2013, 128, 1.	2.6	112
49	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
50	Multi-strange baryon production in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2020, 101, 034907.	2.9	111
51	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	2.9	110
52	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	4.1	105
53	Azimuthal anisotropy of meson production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 90, .	2.9	101

#	ARTICLE	IF	CITATIONS
55	<p>display="inline"&gt;&lt;mml:mi&gt;J&lt;/mml:mi&gt;&lt;mml:mo&gt;/&lt;/mml:mo&gt;&lt;mml:mi&gt;Γ&lt;/mml:mi&gt;&lt;/mml:math&gt; Polarization in</p> <p>display="inline"&gt;&lt;mml:mi&gt;p&lt;/mml:mi&gt;&lt;mml:mi&gt;p&lt;/mml:mi&gt;&lt;/mml:math&gt; Collisions at</p> <p>Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions</p>	7.8	99
56	<p>display="inline"&gt;&lt;mml:msqrt&gt;&lt;mml:msub&gt;&lt;mml:mi&gt;s&lt;/mml:mi&gt;&lt;mml:mi&gt;NN&lt;/mml:mi&gt;&lt;/mml:msub&gt;&lt;/mml:msqrt&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;/mml:math&gt;</p> <p>Physical Review Letters, 2012, 108, 092301.</p>	7.8	97
57	<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</p>	4.7	97
58	<p>display="inline"&gt;&lt;mml:mi&gt;p&lt;/mml:mi&gt;&lt;mml:mi&gt;p&lt;/mml:mi&gt;&lt;/mml:math&gt; and Pb-Pb Collisions</p> <p>at</p>	7.8	96
59	<p>display="inline"&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;p&lt;/mml:mi&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;N&lt;/mml:mi&gt;&lt;mml:mi&gt;N&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</p> <p>display="inline"&gt;&lt;mml:mi&gt;D&lt;/mml:mi&gt;&lt;/mml:math&gt; Meson Production in</p> <p>display="inline"&gt;&lt;mml:mi&gt;Pb&lt;/mml:mi&gt;&lt;/mml:math&gt; Co</p>	7.8	94
60	<p>display="inline"&gt;&lt;mml:mi&gt;p&lt;/mml:mi&gt;&lt;mml:mi&gt;p&lt;/mml:mi&gt;&lt;/mml:math&gt; collisions at</p> <p>display="inline"&gt;&lt;mml:msqrt&gt;&lt;mml:mi&gt;s&lt;/mml:mi&gt;&lt;/mml:msqrt&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;0.9&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt; and</p>	4.7	93
61	<p>altimg="si1.gif" overfl ow="scroll"&gt;&lt;mml:msqrt&gt;&lt;mml:msub&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;s&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;1&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:msub&gt;&lt;/mml:msqrt&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;5.02&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</p> <p>suppression at forward rapidity in Pb-Pb collisions at</p>	4.1	93
62	<p>altimg="si1.gif" overfl ow="scroll"&gt;&lt;mml:msqrt&gt;&lt;mml:msub&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;s&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;1&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:msub&gt;&lt;/mml:msqrt&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;5.02&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 212-224.</p>	4.1	92
63	<p>Measurement of quarkonium production at forward rapidity in \$pp\$ collisions at \$sqrt{s}=7\$ TeV. European Physical Journal C, 2014, 74, 2974.</p>	3.9	89
64	<p>Production of \$K^*(892)^0\$ and \$\phi(1020)\$ in Pb-Pb collisions at \$sqrt{s_{NN}}=5.02\$ TeV. European Physical Journal C, 2016, 76, 245.</p>	3.9	89
65	<p>display="inline"&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;p&lt;/mml:mi&gt;&lt;mml:mi&gt;p&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt; collisions at</p> <p>display="inline"&gt;&lt;mml:mi&gt;K&lt;/mml:mi&gt;&lt;/mml:math&gt; production in pp collisions at</p>	2.9	89
66	<p>display="inline"&gt;&lt;mml:mi&gt;K&lt;/mml:mi&gt;&lt;/mml:math&gt; production in pp collisions at</p> <p>display="inline"&gt;&lt;mml:msqrt&gt;&lt;mml:mi&gt;s&lt;/mml:mi&gt;&lt;/mml:msqrt&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;2.76&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.</p>	4.1	88
67	<p>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.</p>	4.7	88
68	<p>Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at</p> <p>display="inline"&gt;&lt;mml:msqrt&gt;&lt;mml:msub&gt;&lt;mml:mi&gt;s&lt;/mml:mi&gt;&lt;mml:mi&gt;NN&lt;/mml:mi&gt;&lt;/mml:msub&gt;&lt;/mml:msqrt&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;2.76&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</p>	2.9	86
69	<p>display="inline"&gt;&lt;mml:msqrt&gt;&lt;mml:mi&gt;s&lt;/mml:mi&gt;&lt;/mml:msqrt&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;7&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</p> <p>TeV</p>	2.9	86
70	<p>display="inline"&gt;&lt;mml:mrow&gt;&lt;mml:msup&gt;&lt;mml:mi&gt;K&lt;/mml:mi&gt;&lt;/mml:msup&gt;&lt;mml:mo&gt;*&lt;/mml:mo&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt; and</p> <p>display="inline"&gt;&lt;mml:mi&gt;K&lt;/mml:mi&gt;&lt;/mml:math&gt; meson production at high transverse momentum in</p>	2.9	86
71	<p>display="inline"&gt;&lt;mml:mi&gt;D&lt;/mml:mi&gt;&lt;/mml:math&gt; Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at</p> <p>display="inline"&gt;&lt;mml:mrow&gt;&lt;mml:msub&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;s&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;mml:mi&gt;N&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</p> <p>Anisotropic flow in Xe-Xe collisions at</p>	7.8	80
72	<p>altimg="si1.gif" overfl ow="scroll"&gt;&lt;mml:msqrt&gt;&lt;mml:mrow&gt;&lt;mml:msub&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;s&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;1&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:msub&gt;&lt;/mml:msqrt&gt;&lt;mml:mo&gt;=&lt;/mml:mo&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;5.44&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;</p> <p>TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.</p>	4.0	76

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73	Production of $4\text{He}$ and $4\text{cm}$ in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	1.5	74
74	Neutral pion production at midrapidity in pp and $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
75	Production of $4\text{He}$ and $4\text{cm}$ in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	71
76	Exclusive photoproduction of $\tilde{\eta}$ mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 4-12.	4.1	70
77	Elliptic Flow in $\text{Pb-Pb}$ Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	7.8	69
78	Measurement of charged jet suppression in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
79	Centrality dependence of the pseudorapidity density distribution for charged particles in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	4.1	68
80	Midrapidity Antiproton-to-Proton Ratio in $\text{Pb-Pb}$ Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	67
81	Transverse momentum spectra and nuclear modification factors of charged particles in $\text{Xe-Xe}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	67
82	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
83	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 142301.	7.8	64
84	Study of the $\text{p-p}$ interaction with femtoscopy correlations in $\text{Pb-Pb}$ , $\text{Xe-Xe}$ , and $\text{Pb-Pb}$ collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	4.1	64
85	$\text{p-p}$ and $\text{p-Pb}$ collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	2.9	64
86	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to $8\text{ TeV}$ . European Physical Journal C, 2017, 77, 1.	3.9	62
87	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7\text{ TeV}$ . European Physical Journal C, 2017, 77, 1.	3.9	62
88	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in $\text{Xe-Xe}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	4.1	62
89	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and $\text{Pb-Pb}$ collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61

#	ARTICLE	IF	CITATIONS
91	Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in $p\bar{p}$ collisions at $\sqrt{s} = 5.02$ TeV. Nuclear, Elementary Particle and High-Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 1.	4.1	60
92	Meson production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 1.	4.7	58
94	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
95	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 1.	4.7	57
96	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	56
97	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
98	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	7.8	55
99	Chiral production of hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 152001.	2.9	55
100	Measurement of $D^0$ , $D^+$ , $D^{*+}$ and $D^+s$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
101	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	4.1	51
102	Measurement of hadron fractions in $13.6$ TeV pp collisions at the LHC. Physical Review Letters, 2017, 772, 68-69.	4.7	51
103	Linear and Nonlinear Aerobic Power in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 68-69.	4.1	50
104	Energy dependence of forward-rapidity $\psi/J$ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
105	Observation of New Resonances in the $b\bar{b}$ System. Physical Review Letters, 2019, 123, 152001.	7.8	49
106	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ TeV and 13.6 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
107	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
108	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	49

#	ARTICLE	IF	CITATIONS
109	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
110	Search for the Lepton-Flavor-Violating Decays $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$ and $B \rightarrow \tau^+ \tau^- \ell^+ \ell^- \nu$ . Physical Review D, 2019, 100, 074017.	4.8	48
111	Systems and Precise Measurement of $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$ . Physical Review D, 2019, 100, 074017.	7.8	48
112	production in $p$ -Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2015, 115, 022301.	2.9	47
113	One-dimensional pion, kaon, and proton femtoscopic in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, 044907.	2.9	46
114	Forward-central two-particle correlations in $p$ -Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 126-139.	4.1	45
115	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 022301.	7.8	45
116	Observation of New $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$ Baryons Decaying to $\tau^+ \tau^- \ell^+ \ell^-$ . Physical Review Letters, 2019, 123, 082002.	7.8	45
117	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
118	First Observation of Excited $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$ States. Physical Review Letters, 2020, 124, 082002.	7.8	44
119	Observation of an Excited $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$ State. Physical Review Letters, 2019, 122, 232001.	7.8	43
120	Measurement of $D^0$ , $D^+$ , and $D^{*+}$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
121	$B \rightarrow c$ production in pp collisions at $\sqrt{s} = 7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
122	Amplitude analysis of the $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$ decay. Physical Review D, 2020, 101, .	4.7	42
123	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	40
124	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, 373-385.	4.1	40
125	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
126	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40



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127	Two-pion femtoscopy in $\sqrt{s} = 2.76$ TeV Pb collisions Physical Review C, 2015, 91, 054907.	2.9	39
128	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
129	First measurement of jet mass in Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	4.1	39
130	Production of $\chi_{c0}$ and $\chi_{c1}$ in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2019, 123, 231802.	7.8	38
131	Rapidity and transverse-momentum dependence of the inclusive $J/\psi$ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
132	Measurement of $\chi_{c0}$ and $\chi_{c1}$ production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2019, 123, 231802.	7.8	38
133	Amplitude Analysis of $\chi_{c0}$ and $\chi_{c1}$ production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2019, 123, 231802.	7.8	38
134	Multiplicity dependence of $\pi^0$ , K, and p production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1-10.	3.9	38
135	Coherent $J/\psi$ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2019, 123, 231802.	7.8	38
136	Search for a common baryon source in high-multiplicity pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	4.1	37
137	Search for a common baryon source in high-multiplicity pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	4.1	37
138	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
139	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2016, 93, 054907.	2.9	36
140	Production of $\Sigma(1385)^{\pm}$ . European Physical Journal C, 2017, 77, 389.	3.9	36
141	Investigation of the $\Lambda(1520)$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
142	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2015, 91, 054004.	4.7	35
143	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
144	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 308-322.	4.1	35

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146	Global baryon number conservation encoded in net-proton fluctuations measured in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564.	4.1	35
147	Meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
148	Multiplicity dependence of jet-like two-particle correlation structures in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
149	Multiplicity dependence of jet-like two-particle correlation structures in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
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151	Measurement of electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.7	33
152	Precision measurement of the $\chi_{cc}^{++}$ mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
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154	Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 97-108.	3.9	32
155	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	32
156	Observation of several sources of $B \rightarrow C P$ violation in $B \rightarrow C \ell \bar{\ell}$ decays. Physical Review Letters, 2020, 124, 031801.	7.8	32
157	Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
158	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
159	Neutral pion and $\eta$ meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
160	Test of lepton universality with $\Lambda_b^0 \rightarrow p \ell \bar{\ell}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	31
161	Pseudorapidity dependence of the anisotropic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	4.1	30
162	Pseudorapidity dependence of the anisotropic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	4.1	30

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164	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
165	Near-threshold $\overline{D}D$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
166	Measurements of inclusive jet spectra in $p$ - $p$ and central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, 014907.	2.9	29
167	Production and Baryon-to-Meson Ratios in $p$ - $p$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	7.8	29
168	Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
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171	Charged kaon femtoscopy correlations in $p$ - $p$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	4.7	28
172	Multiplicity dependence of $(\text{anti})$ -deuteron production in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 054907.	4.7	27
173	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 054907.	4.9	27
174	Multiplicity dependence of $(\text{anti})$ -deuteron production in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 350, 27-30.	4.1	27
175	Multiplicity dependence of inclusive $J/\psi$ production at midrapidity in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, 014907.	4.1	27
176	Multiplicity dependence of inclusive $J/\psi$ production at midrapidity in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135758.	4.1	26
177	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, 074011.	4.7	25
178	Systematics studies of Pb-Pb correlations between all-rech-order flow fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 97, 054907.	4.1	25
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183	Model-Independent Observation of Exotic Contributions to $\Lambda$ and High-Energy Physics, 2018, 780.	4.1	24
184	Decays. Physical Review Letters, 2019, 122, 152002.	7.8	24
185	(Anti)-deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
186	Observation of a new baryon $\Lambda_{b}^{0}$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
187	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
188	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. Physical Review D, 2022, 105, .	4.7	24
189	Elliptic flow of muons from heavy-flavour hadron decays 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, 2016, 753, 41-56.	4.1	23
190	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
191	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
192	production in $\sqrt{s_{NN}} = 2.76$ TeV and in $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.9	23
193	Prompt D <sup>0</sup> , D <sup>+</sup> , and D <sup>+</sup> production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
194	Multiplicity dependence of $K^{*}(892)^{0}$ and $\bar{\Lambda}(1020)$ production in pp collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	4.1	22
195	Measurement of the production of $\Lambda$ and $\bar{\Lambda}$ in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	4.1	22
196	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, .	4.1	21
197	Centrality and transverse momentum dependence of inclusive $J/\psi$ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	4.1	21
198	Measurement of the Cross Sections of $\Lambda$ and $\bar{\Lambda}$ in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	7.8	21

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200	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
201	Precision measurement of the meson in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2019, 123, 031801.	2.9	20
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203	Suppression of resonance production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2019, 99, 1.	3.9	20
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205	Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
206	First Observation of the Radiative Decay $B \rightarrow \gamma \mu^+ \mu^-$ . Physical Review Letters, 2019, 123, 031801.	7.8	19
207	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.	2.9	19
208	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.	4.1	19
209	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
210	Measurement of the mass and production rate of heavy-flavour hadrons. Physical Review D, 2019, 99, 1.	4.7	18
211	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
212	Measurement of prompt $D^0$ , $D^+$ , $D^{*+}$ , and $D_s^+$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
213	Search for Lepton-Flavor Violating Decays $B \rightarrow K^* \mu^+ e^-$ . Physical Review Letters, 2019, 123, 241802.	7.8	18
214	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2019, 123, 031801.	4.1	18
215	Measurement of Prompt $D^0$ , $D^+$ , $D^{*+}$ , and $D_s^+$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 00, 135377.	7.8	18
216	Measurement of prompt $D^0$ , $D^+$ , $D^{*+}$ , and $D_s^+$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 00, 135377.	7.8	18

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219	Measurement of the $\chi$ production cross-section in p-p collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	4.7	17
220	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.	4.1	17
221	Measurement of the $\chi$ (1S) production cross-section in p-p collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	17
222	Prompt and non-prompt $\chi$ 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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224	Search for the Rare Decays $\chi \rightarrow \pi^0 \gamma$ and $\chi \rightarrow \pi^+ \pi^- \gamma$ . Physical Review Letters, 2020, 124, 211802.	7.8	16
225	Measurement of $\chi$ production in pp collisions at $\sqrt{s} = 13$ TeV. Chinese Physics C, 2020, 44, 022001.	3.7	16
226	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
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229	Variation with Proton-Proton Collision Energy and Nuclear Modification Factor of $\chi$ Production in p-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2020, 124, 122002.	7.8	15
230	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
231	Observation of a multiplicity dependence in the pT-differential charm baryon-to-meson ratios in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Modification Factor of Light Neutral Meson Spectra at High Transverse Momentum in p-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2020, 124, 122002.	4.1	15
232	Observation of a multiplicity dependence in the pT-differential charm baryon-to-meson ratios in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Modification Factor of Light Neutral Meson Spectra at High Transverse Momentum in p-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2020, 124, 122002.	4.1	15
233	Measurement of the $\chi$ dependence in exclusive photoproduction of $\chi$ in p-p collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 826, 137065.	7.8	15
234	Measurement of the $\chi$ dependence in exclusive photoproduction of $\chi$ in p-p collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 826, 137065.	4.1	14



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254	Study of $J/\psi$ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
255	Measurement of the $\langle \mathbf{p}_T \rangle$ and $\langle \mathbf{p}_T^2 \rangle$ of $\Lambda$ and $\bar{\Lambda}$ baryons in $pp$ collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
256	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
257	Amplitude analysis of the $B_{(s)}^0 \rightarrow K^* \pi^0$ decays and measurement of the branching fraction of the $B_{(s)}^0 \rightarrow K^* \pi^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
258	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ . European Physical Journal C, 2019, 79, 1.	3.9	11
259	Measurement of the production of charm jets tagged with $D^0$ mesons in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
260	A search for $\Xi_{cc}^{++} \rightarrow \Lambda^+ p K^+ \pi^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
261	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.	4.1	11
262	Polysiloxane-based scintillators for shashlik calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 956, 163379.	1.6	11
263	Azimuthal correlations of prompt D mesons with charged particles in $pp$ and $p\text{-Pb}$ collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
264	$J/\psi$ production in $p\text{-Pb}$ collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	4.1	11
265	Measurement of the $\langle \mathbf{p}_T \rangle$ and $\langle \mathbf{p}_T^2 \rangle$ of $\Lambda$ and $\bar{\Lambda}$ baryons in $pp$ collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
266	First measurement of quarkonium polarization in nuclear collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136146.	4.1	11
267	Underlying event properties in $pp$ collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
268	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in $pp$ and Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	7.8	11
269	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.	2.9	10
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272	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, 044907.	2.9	10
273	Measurement of Charged Hadron Production in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 232001.	7.8	10
274	-Tagged Jets in Proton-Proton Collisions at $\sqrt{s_{NN}} = 8$ TeV. Physical Review Letters, 2019, 123, 232001.	7.8	10
275	Violation and observation of $P$ -odd violation in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 232001.	4.7	10
276	The ENUBET positron tagger prototype: construction and testbeam performance. Journal of Instrumentation, 2020, 15, P08001-P08001.	1.2	10
277	Measurement of $\Lambda(1520)$ production in $pp$ collisions at $\sqrt{s} = 7$ TeV and $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
278	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.	7.8	10
279	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.	4.7	9
280	Event-shape and multiplicity dependence of freeze-out radii in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
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