

Chinorat Kobdaj

List of Publications by Year in descending order

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288
papers

11,622
citations

23567

58
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40979

93
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291
all docs

291
docs citations

291
times ranked

6660
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
2	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
3	Multiplicity dependence of pion, kaon, proton and lambda production in pPb collisions at $\sqrt{s} = 2.76$ TeV. Elementary Particle and High-Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	307
4	Production in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	270
5	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	4.1	235
6	Production in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	210
7	Production in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	189
8	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 92, 014904.	7.8	182
9	Centrality, rapidity and transverse momentum dependence of charged-particle production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 92, 014904.	7.8	100
10	Suppression in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	4.1	171
11	Direct photon production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	163
12	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	3.6	153
13	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
14	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
15	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	138
16	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	135
17	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	134
18	Multiparticle azimuthal correlations in Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130

#	ARTICLE	IF	CITATIONS
19	Production of light nuclei and anti-nuclei in p and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2016, 93, .	2.9	129
20	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	125
21	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
22	Multi-strange baryon production in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 758, 389-401.	4.1	111
23	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	105
24	Production of D -meson in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2011, 83, 054907.	2.9	101
25	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2011, 83, 054907.	7.8	100
26	Upgrade of the ALICE Experiment: Letter Of Intent. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 087001.	3.6	97
27	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	97
28	Meson Production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2011, 83, 054907.	7.8	94
29	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	4.1	93
30	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	4.1	92
31	Measurement of quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2014, 74, 2974.	3.9	89
32	Production of K^0_S and ϕ in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>European Physical Journal C</i> , 2016, 76, 245.	3.9	89
33	Multiplicity dependence of light-flavor hadron production in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2013, 87, 054907.	2.9	89
34	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	88
35	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2016, 93, .	2.9	87
36	PandaX-III: Searching for neutrinoless double beta decay with high pressure ^{136}Xe gas time projection chambers. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017, 60, 1.	5.1	86

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37	<p>and K</p> <p>meson production at high transverse momentum in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at rapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 044907.</p>	2.9	86
38	<p>Measurement of an Excess in the Yield of D Mesons in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.</p>	4.1	82
39	<p>Measurement of an Excess in the Yield of D Mesons in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.</p>	7.8	80
40	<p>Production of 4He and 4Li in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.</p>	7.8	77
41	<p>Production of 4He and 4Li in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.</p>	7.8	77
42	<p>Production of 4He and 4Li in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.</p>	1.5	74
43	<p>Production of deuterons, tritons, and 4He in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.</p>	3.9	72
44	<p>Production of deuterons, tritons, and 4He in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.</p>	2.9	71
45	<p>Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.</p>	4.7	68
46	<p>Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.</p>	4.1	68
47	<p>Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $\sqrt{s_{NN}} = 1.36$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.</p>	4.1	67
48	<p>Study of the $\bar{p}p$ interaction with femtoscopy correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at rapidity 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, 2019, 788, 166-179.</p>	4.1	67
49	<p>First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.</p>	7.8	66
50	<p>Dynamical net-proton fluctuations near a QCD critical point. Physical Review C, 2016, 93, 044907.</p>	2.9	64
51	<p>Study of the $\bar{p}p$ interaction with femtoscopy correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at rapidity 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, 2019, 788, 166-179.</p>	7.8	64
52	<p>Study of the $\bar{p}p$ interaction with femtoscopy correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at rapidity 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, 2019, 788, 166-179.</p>	4.1	64
53	<p>Study of the $\bar{p}p$ interaction with femtoscopy correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at rapidity 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, 2019, 788, 166-179.</p>	2.9	64
54	<p>Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8TeV. European Physical Journal C, 2017, 77, 1.</p>	3.9	62

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55	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s}=7$ s = 7 $\hat{\text{A}}$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
56	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	4.1	60
57	Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	3.9	61
58	Production of inclusive $\tilde{\chi}(1S)$ and $\tilde{\chi}(2S)$ in p-Pb collisions at $\sqrt{s}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.1	60
59	Transverse momentum dependence of inclusive primary charged-particle production in p-Pb collisions at $\sqrt{s}=5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
60	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.1	60
61	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
62	Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	2.9	55
63	Measurement of D_0 , D^+ , D^{*+} and $D+s$ production in Pb-Pb collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
64	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV at the CERN Large Hadron Collider. Physical Review C, 2014, 89, 1.	4.1	51
65	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	50
66	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	4.1	50
67	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
68	Measurement of charged jet production cross sections and nuclear modification in p-Pb collisions at $\sqrt{s}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	49
69	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s}=5.02$ and 13 $\hat{\text{A}}$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
70	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
71	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
72	Production of D -meson in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	2.9	47

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73	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	4.6	46
74	Freeze-out radii extracted from three-pion cumulants in pp, pPb and PbPb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	4.1	45
75	Forward-central two-particle correlations in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 126-139.	4.1	45
76	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45
77	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44
78	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
79	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.7	43
80	Measurement of $\langle D^0 \rangle$, $\langle D^+ \rangle$, $\langle D^{*+} \rangle$ and $\langle D^+_{s1} \rangle$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
81	Λ^0 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
82	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	16.7	41
83	Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector. Journal of Instrumentation, 2014, 9, P11003-P11003.	1.2	40
84	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
85	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 272-285.	4.1	40
86	Measurement of deuteron spectra and elliptic flow in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
87	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
88	Two-pion femtoscopy in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2015, 91, .	2.9	39
89	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
90	First measurement of jet mass in PbPb and pPb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	4.1	39

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91	Production of Λ and Σ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2015, 115, 082301.	4.7	38
92	Finite volume effects in the chiral extrapolation of baryon masses. Physical Review D, 2014, 90, 074017.	4.7	38
93	Coherent π^0 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	38
94	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
95	Measurement of Λ and Σ hyperon production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	7.8	38
96	Evidence of a scattering effect in p+Pb collisions at the LHC through production of K^0_S mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 371-376.	3.9	38
97	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, 377-382.	4.7	38
98	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.	4.1	37
99	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
100	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
101	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
102	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
103	Production of $\Lambda(1385)^{\pm}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 389.	3.9	36
104	Investigation of the $\Lambda(1385)^{\pm}$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
105	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 13.6$ TeV. Physical Review D, 2015, 91, 074017.	4.7	35
106	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
107	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
108	Covariant kaon dynamics and kaon flow in heavy ion collisions. Physical Review C, 2004, 69, 054907.	2.9	34

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109	π^0 and η meson production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
110	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
111	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
112	Differential studies of inclusive J/ψ and $\Upsilon(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
113	Measurement of electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	4.7	33
114	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, 700, 97-100.	4.7	32
115	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s}=\sqrt{s}$ = 0.9, 7, and 8 TeV. European Physical Journal C, 2017, 77, 1.	3.9	32
117	Feasibility studies of time-like proton electromagnetic form factors at FAIR. European Physical Journal A, 2016, 52, 1.	2.5	31
118	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
119	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
120	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
121	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
122	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
123	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
124	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.	4.7	30
125	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
126	Measurements of inclusive jet spectra in peripheral and central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2020, 101, .	2.9	29

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127	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.	4.7	28
128	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
129	Constraints on jet quenching in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 95-113.	4.1	28
130	Suppression at forward rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	28
131	Technical design report for the $\sqrt{s_{NN}} = 5.02$ TeV Barrel DIRC detector. Journal of Physics C: Nuclear and Particle Physics, 2019, 46, 045001.	3.6	28
132	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93.	4.9	27
133	Exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93.	4.1	27
134	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 50-63.	4.1	27
135	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	2.5	27
136	Multiplicity dependence of light (anti-)nuclei production in p-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
137	Net-baryon number variance and kurtosis within nonequilibrium chiral fluid dynamics. Journal of Physics C: Nuclear and Particle Physics, 2014, 41, 115106.	3.6	26
138	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
139	Multipion Bose-Einstein correlations in p-Pb and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, .	2.9	25
140	Systematic studies of fluctuations between different orders in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2016, 97, .	4.1	25
141	Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2016, 97, .	4.1	25
142	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
143	Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 97, .	4.1	24
144	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.	4.1	24

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145	(Anti-)deuteron production in pp collisions at $\sqrt{s}=13$ ext {TeV}\$. European Physical Journal C, 2020, 80, 1.	3.9	24
146	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
147	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
149	Production of light-flavor hadrons in pp collisions at $\sqrt{s}=7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
150	Prompt D0, D+, and D*+ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
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153	Transition distribution amplitudes at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	4.7	21
154	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 96, .	4.9	21
155	A High-Granularity Digital Tracking Calorimeter Optimized for Proton CT. Frontiers in Physics, 2020, 8, .	2.1	21
156	Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	4.1	20
157	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
158	Production of the η meson in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 99, 135227.	2.9	20
159	Resonance production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2019, 99, 135227.	2.9	20
160	Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135227.	4.1	20
161	Production of dijet K_T in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	4.1	19
162	Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19

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163	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and 8 TeV. <i>Physical Review C</i> , 2019, 99, .	2.9	19
164	$e^+e^- \rightarrow \text{mesons}$ reaction and $\psi(1450)$ and $\psi(1700)$ mesons in a quark model. <i>Physical Review C</i> , 2009, 79, .	2.9	18
165	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 032-032.	5.4	18
166	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	18
167	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2019, 122, 072301.	7.8	18
168	Measurement of prompt D^0 , D^+ , D^{*+} , and D_s^+ production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	18
169	Measurement of prompt electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	18
170	Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	17
171	The ALICE Transition Radiation Detector: Construction, operation, and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 881, 88-127.	1.6	17
172	Analysis of the apparent nuclear modification in peripheral Pb-Pb collisions at 5.02 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 420-432.	4.1	17
173	Differential Directed Flow of K^+ Meson within Covariant Kaon Dynamics. <i>Chinese Physics Letters</i> , 2009, 26, 022501.	3.3	16
174	Prompt and non-prompt $\psi(2S)$ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	16
175	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	16
176	Decay widths of ground-state and excited $\psi(2S)$ in a nonrelativistic quark model. <i>Physical Review C</i> , 2010, 82, .	2.9	15
177	Relative particle yield fluctuations in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	15
178	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	15
179	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	15
180	Production of $\psi(2S)$ in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	15

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182	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 99, .	4.7	14
183	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.	4.7	14
184	Measurement of strange baryon-antibaryon interactions with femtosopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
185	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
186	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
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188	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
189	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
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191	Topological background discrimination in the PandaX-III neutrinoless double beta decay experiment. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 045108.	3.6	13
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193	Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	3.9	12
194	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
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196	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, .	3.9	12
197	Measuring K^0_S interactions using pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 99, .	4.7	12
198	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.	4.7	12

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200	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at \sqrt{s} = 5.02, 7 and 13 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
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202	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at \sqrt{s} = 7 TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
203	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.	2.9	10
204	Azimuthal correlations of prompt D mesons with charged particles in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
205	Inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	4.1	11
206	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.	4.7	11
207	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
208	Measurement of D-meson production versus multiplicity in p-Pb collisions at $s_{\mathrm{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
209	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review C, 2017, 96, 054907.	2.9	10
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213	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $s_{\mathrm{NN}} = 5.02$ TeV and Pb-Pb collisions at $s_{\mathrm{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
214	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
215	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, 054011.	4.7	9
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219	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
220	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
221	Measurement of charged jet cross section in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review D, 2019, 100, .	4.7	8
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223	Measurement of the inclusive isolated photon production cross section in pPb collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
224	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
225	Measurement of Z0-boson production at large rapidities in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	4.1	7
226	Measurement of jet radial profiles in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 204-219.	4.1	7
227	Resistivity profile of epitaxial layer for the new ALICE ITS sensor. Journal of Instrumentation, 2019, 14, T05006-T05006.	1.2	7
228	One-dimensional charged kaon femtoscopy in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2019, 100, .	2.9	7
229	Production of light (anti)nuclei in pp collisions at $\sqrt{s}=5.02$ TeV. European Physical Journal C, 2022, 82, 1.	4.1	7
230	Production of light (anti)nuclei in pp collisions at $\sqrt{s}=5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
231	$e^+e^- \rightarrow \bar{N}N$ at threshold and proton form factor. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 075007.	3.6	6
232	Production of muons from heavy-flavour hadron decays in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	4.1	6
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236	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
237	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	4.1	6
238	Investigating particle track topology for range telescopes in particle radiography using convolutional neural networks. Acta Oncologica, 2021, 60, 1413-1418.	1.8	6
239	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
240	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	6
241	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{\text{NN}}}=5.02$ TeV p-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
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244	Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.1	4
245	Υ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
246	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
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257	Development of the SLRI beam test facility for characterization of monolithic active pixel sensors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 930, 105-111.	1.6	3
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259	Evolution of critical fluctuations in a heavy-ion collision scenario. Nuclear Physics A, 2017, 967, 828-831.	1.5	2
260	Stave module design and development of the new ALICE Inner Tracking System. Journal of Instrumentation, 2019, 14, P05003-P05003.	1.2	2
261	Constraints from a large- N_c analysis on meson-baryon interactions at chiral order Q^3 . Physical Review D, 2019, 100, .	4.7	2
262	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
263	e^+e^- ANNIHILATION INTO $\overline{N}N$ PAIRS. Modern Physics Letters A, 2003, 18, 370-373.	1.2	1
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