

List of Publications by Year in descending order

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282
papers

23,353
citations

3930

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148
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286
all docs

286
docs citations

286
times ranked

8547
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-Ion Collider: The next QCD frontier. European Physical Journal A, 2016, 52, 1.	1.0	898
2	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	0.5	811
3	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	2.9	659
4	Long-range angular correlations on the near and away side in $\sqrt{s_{NN}} = 2.76$ TeV Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	1.5	561
5	Central-Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	2.9	507
6	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	0.5	486
7	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 112, 032301.	2.9	482
8	Centrality dependence of charged particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	1.1	465
9	ALICE Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	1.4	441
10	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.	1.5	433
11	A Large Hadron Electron Collider at CERN Report on the Physics and Design Concepts for Machine and Detector. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 075001.	1.4	406
12	Multiplicity dependence of pion, kaon, proton and lambda production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 25-38.	1.5	307
13	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, 2011, 696, 30-39.	1.5	301
14	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	2.9	296
15	Production 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, 2011, 696, 30-39.	2.9	270
16	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, .	1.1	267
17	Heavy-ion collisions at the LHC—Last call for predictions. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 054001.	1.4	255
18	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, 2011, 696, 328-337.	1.5	235

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19	Large angular correlations of Υ , K and p in $p\text{-}p$ collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	1.5	235
20	Medium-induced gluon radiation off massive quarks fills the dead cone. Physical Review D, 2004, 69, .	1.6	233
21	AAMQS: A non-linear QCD analysis of new HERA data at small-x including heavy quarks. European Physical Journal C, 2011, 71, 1.	1.4	230
22	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.	1.6	228
23	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.	1.4	212
24	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	1.5	210
25	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.	1.4	209
26	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	1.4	208
27	Charmonium and $e+e$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	1.4	203
28	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456.	1.4	202
29	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	1.4	199
30	Suppression at Forward Rapidity in Pb-Pb Collisions. Physical Review Letters, 2012, 109, 072301.	2.9	194
31	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	0.5	189
32	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	1.5	189
33	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 249-264.	1.5	188
34	Testing the color charge and mass dependence of parton energy loss with heavy-to-light ratios at BNL RHIC and CERN LHC. Physical Review D, 2005, 71, .	1.6	184
35	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	2.9	184
36	Production of K and \bar{K} in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2015, 91, .	1.4	180

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37	Nonlinear QCD meets data: A global analysis of lepton-proton scattering with running coupling Balitsky-Kovchegov evolution. <i>Physical Review D</i> , 2009, 80, .	1.6	174
38	Relating High-Energy Lepton-Hadron, Proton-Nucleus, and Nucleus-Nucleus Collisions through Geometric Scaling. <i>Physical Review Letters</i> , 2005, 94, 022002.	2.9	173
39	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. <i>Journal of Instrumentation</i> , 2010, 5, P03003-P03003.	0.5	171
40	Coherent γ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 022301.	1.5	171
41	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Centrality, rapidity and transverse momentum dependence of v_2 . <i>Physical Review Letters</i> , 2012, 108, 022301.	2.9	171
42	Suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 022301.	1.5	171
43	PREDICTIONS FOR Pb-Pb COLLISIONS AT $\sqrt{s_{NN}} = 5.02$ TeV. <i>International Journal of Modern Physics E</i> , 2013, 22, 1330007.	0.4	165
44	Energy Dependence of the Cronin Effect from Nonlinear QCD Evolution. <i>Physical Review Letters</i> , 2004, 92, 082001.	2.9	157
45	Nuclear shadowing. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006, 32, R367-R393.	1.4	157
46	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 022301.	1.5	156
47	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 022301.	1.5	156
48	Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 022301.	2.9	155
49	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 022301.	1.5	154
50	Measuring the Collective Flow with Jets. <i>Physical Review Letters</i> , 2004, 93, 242301.	2.9	153
51	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 087002.	1.4	153
52	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 022301.	2.9	151
53	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	1.4	149
54	Percolation Approach to Quark-Gluon Plasma and J/ψ Suppression. <i>Physical Review Letters</i> , 1996, 77, 3736-3738.	2.9	146

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55	Strange particle production in proton-proton collisions at $\sqrt{s}=0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	140
56	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	139
57	Centrality dependence of particle production in Pb-Pb collisions at the LHC. Physical Review C, 2015, 91, .	1.1	135
58	Production of charm quarks in proton-proton collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	1.5	133
59	Multiplicity dependence of the average transverse momentum in pp, pPb, and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	1.5	133
60	Multiplicity dependence of the average transverse momentum in pp, pPb, and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	1.5	133
61	Multiparticle azimuthal correlations in Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	1.1	130
62	Production of light nuclei and anti-nuclei in Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	1.1	129
63	How sensitive are high- electron spectra at RHIC to heavy quark energy loss?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 637, 362-366.	1.5	128
64	Q-PYTHIA: a medium-modified implementation of final state radiation. European Physical Journal C, 2009, 63, 679.	1.4	125
65	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.	1.4	125
66	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. European Physical Journal C, 2010, 65, 111-125.	1.4	124
67	Proton-nucleus collisions at the LHC: scientific opportunities and requirements. Journal of Physics C: Nuclear and Particle Physics, 2012, 39, 015010.	1.4	120
68	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	118
69	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.	1.5	115
70	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	115
71	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	111
72	Comparison of jet quenching formalisms for a quark-gluon plasma. Physical Review C, 2012, 86, .	1.1	108

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73	Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	1.5	105
74	Parton densities and dipole cross-sections at small x in large nuclei. European Physical Journal C, 2001, 20, 517-522.	1.4	104
75	Numerical analysis of the Balitsky-Kovchegov equation with running coupling: Dependence of the saturation scale on nuclear size and rapidity. Physical Review D, 2005, 71, .	1.6	103
76	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	1.4	101
77	Azimuthal anisotropy of D -meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	1.1	101
78	Exclusive production of ρ mesons in ultraperipheral collisions. Physical Review Letters, 2012, 108, 092301.	2.9	100
79	Polarization in p -Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	99
80	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	97
81	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	1.4	97
82	Production of Muons from Heavy Flavor Decays at Forward Rapidity in p -Pb and Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	96
83	Meson Production in p -Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	94
84	Femtoscopy in p -Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	1.6	93
85	ρ production as a function of charged particle multiplicity in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	1.5	93
86	Exclusive vector meson production at high energies and gluon saturation. Physical Review D, 2014, 90, .	1.6	91
87	Measurement of quarkonium production at forward rapidity in $\sqrt{s_{NN}} = 7$ TeV pp collisions at $\sqrt{s_{NN}} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	1.4	89
88	Long and Short Range Correlations: A Signature of String Fusion. Physical Review Letters, 1994, 73, 2813-2816.	2.9	88
89	ρ production in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	1.5	88
90	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	1.4	87

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91	Jet quenching at finite \hbar Hooft coupling and chemical potential from AdS/CFT. Journal of High Energy Physics, 2006, 2006, 039-039.	1.6	86
92	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2012, 100, 252-263.	2.9	86
93	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 712, 309-318.	2.9	86
94	Long range forward-backward correlations and the color glass condensate. Nuclear Physics A, 2007, 781, 201-208.	0.6	84
95	Low-pT collective flow induces high-pT jet quenching. Physical Review C, 2005, 72, .	1.1	72
96	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.	1.4	72
97	Nuclear structure functions and heavy flavour lepton production off the nucleus at small x in perturbative QCD. European Physical Journal C, 2001, 22, 351-357.	1.4	70
98	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 265-275.	2.9	69
99	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	2.9	69
100	Next-to-eikonal corrections in the CGC: gluon production and spin asymmetries in pA collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	69
101	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	1.6	68
102	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	68
103	Single inclusive particle production in proton-nucleus collisions at next-to-leading order in the hybrid formalism. Physical Review D, 2015, 91, .	1.6	68
104	Midrapidity Antiproton-to-Proton Ratio in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	2.9	67
105	Net Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	2.9	67
106	Suppression of π^0 production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.5	67
107	Two-particle Bose-Einstein correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2010, 82, .	1.6	61
108	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.	1.4	61

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109	Monte Carlo model for nuclear collisions from SPS to LHC energies. <i>European Physical Journal C</i> , 2001, 22, 149-163.	1.4	60
110	Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in $\sqrt{s} = 5.02$ TeV Pb collisions at central rapidity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 740, 105-117.	5.02	60
111	Energy versus centrality dependence of the jet quenching parameter \hat{q} at RHIC and LHC: a new puzzle?. <i>European Physical Journal C</i> , 2016, 76, 475.	1.4	60
112	Diffraction dijet production in deep inelastic scattering and photon-hadron collisions in the color glass condensate. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 758, 373-383.	1.5	60
113	Meson production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 232302.	2.9	58
114	Charmonium suppression in lead-lead collisions: Is there a break in the J/ψ cross section?. <i>Physical Review C</i> , 1999, 59, 395-404.	1.1	58
115	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	58
116	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 232302.	2.9	58
117	Transverse momentum dependence of inclusive primary charged-particle production in $\sqrt{s_{NN}} = 5.02$ TeV Pb collisions. <i>European Physical Journal C</i> , 2014, 74, 1.	1.4	58
118	Medium-evolved fragmentation functions. <i>Journal of High Energy Physics</i> , 2008, 2008, 048-048.	1.6	57
119	Measurement of electrons from semileptonic heavy-flavor hadron decays in $\sqrt{s_{NN}} = 2.76$ TeV Pb collisions at central rapidity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 721, 13-23.	1.6	57
120	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	54
121	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 721, 13-23.	1.5	51
122	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2014, 89, .	1.4	51
123	Bose enhancement and the ridge. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 751, 448-452.	1.5	51
124	Medium-induced gluon radiation and colour decoherence beyond the soft approximation. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	51
125	Heavy-ion collisions at the Large Hadron Collider: A review of the results from Run 1. <i>European Physical Journal Plus</i> , 2016, 131, 1.	1.2	51
126	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	50

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127	Measurement of charged jet production cross sections and nuclear modification in pâ€Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 749, 60-81.		49
128	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	48
129	Constraint fitting of experimental data with a jet quenching model embedded in a hydrodynamical bulk medium. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010, 37, 025104.	1.4	47
130	The 2nd order corrections to the hard pomeron and the running coupling. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 442, 459-469.	1.5	46
131	Charge correlations using the balance function in Pbâ€Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 723, 267-279.	1.5	46
132	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2015, 92, .	1.1	46
133	Light vector meson production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 710, 557-568.	1.5	45
134	Freeze-out radii extracted from three-pion cumulants in pp, pâ€Pb and Pbâ€Pb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 739, 139-151.	1.5	45
135	Forward-central two-particle correlations in pâ€Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 753, 126-139.		45
136	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	44
137	Jet quenching as a probe of the initial stages in heavy-ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 803, 135318.	1.5	44
138	Nuclear structure functions at small x from inelastic shadowing and diffraction. <i>European Physical Journal C</i> , 2003, 29, 531-540.	1.4	43
139	Strangeness enhancement and string fusion in nucleus-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 344, 301-307.	1.5	42
140	The Color Glass Condensate density matrix: Lindblad evolution, entanglement entropy and Wigner functional. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	42
141	Precision measurement of the mass difference between light nuclei and anti-nuclei. <i>Nature Physics</i> , 2015, 11, 811-814.	6.5	41
142	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. <i>Journal of Instrumentation</i> , 2014, 9, P11003-P11003.	0.5	40
143	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2015, 91, .	1.1	39
144	Next-to-next-to-eikonal corrections in the CGC. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	39

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145	Coherent $\rho(2S)$ photo-production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 751, 358-370.	1.6	38
146	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	38
147	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	36
148	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, .	1.6	36
149	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review D</i> , 2015, 91, .	1.6	35
150	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	35
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