

Christian Klein-Boesing

List of Publications by Year in descending order

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386
papers

38,400
citations

1704

104
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181
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387
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387
docs citations

387
times ranked

8516
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of dense partonic matter in relativistic nucleus-nucleus collisions at RHIC: Experimental evaluation by the PHENIX Collaboration. Nuclear Physics A, 2005, 757, 184-283.	1.5	2,520
2	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	1.2	811
3	Suppression of Hadrons with Large Transverse Momentum in Central Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 88, 022301.	7.8	735
4	Identified charged particle spectra and yields in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 69, .	2.9	665
5	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	7.8	659
6	Long-range angular correlations on the near and away side in p+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 29-41.	4.1	561
7	Suppressed π^0 Production at Large Transverse Momentum in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 91, 072301.	7.8	514
8	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	7.8	507
9	Energy Loss and Flow of Heavy Quarks in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, .	7.8	489
10	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
11	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	482
12	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.	2.9	465
13	PHENIX detector overview. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 469-479.	1.6	443
14	ALICE: Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	3.6	441
15	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
16	J/ψ Production versus Centrality, Transverse Momentum, and Rapidity in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 232301.	7.8	430
17	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
18	Absence of Suppression in Particle Production at Large Transverse Momentum in $\sqrt{s_{NN}}=200$ GeV Au+Au Collisions. Physical Review Letters, 2003, 91, 072303.	7.8	366

#	ARTICLE	IF	CITATIONS
19	Enhanced Production of Direct Photons in Au+Au Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2010, 104, 132301.	7.8	319
20	Scaling Properties of Azimuthal Anisotropy in Au+Au and Cu+Cu Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 162301.	7.8	307
21	Multiplicity dependence of pion, kaon, proton and lambda production in pA and Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	4.1	307
22	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.	4.1	301
23	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2006, 97, 052301.	7.8	296
24	Production of K_S^0 and S^0 in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2008, 101, 252301.	7.8	270
25	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with ALICE. Physical Review C, 2013, 88, .	2.9	267
26	Dense-Medium Modifications to Jet-Induced Hadron Pair Distributions in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 052301.	7.8	264
27	Di-hadron azimuthal correlations in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2008, 101, 252301.	2.9	256
28	Suppression Pattern of Neutral Pions at High Transverse Momentum in Au+Au Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2008, 101, 252301.	7.8	255
29	Detailed measurement of the ϕ meson production in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2008, 101, 252301.	2.9	254
30	Midrapidity Neutral-Pion Production in Proton-Proton Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 91, 241803.	7.8	249
31	Centrality Dependence of Charged Particle Multiplicity in Au-Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 86, 3500-3505.	7.8	238
32	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.	4.1	235
33	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.	4.1	235
34	High- p_T charged hadron suppression in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 69, .	2.9	233
35	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
36	Challenges in QCD matter physics –The scientific programme of the Compressed Baryonic Matter experiment at FAIR. European Physical Journal A, 2017, 53, 1.	2.5	222

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37	Centrality Dependence of Direct Photon Production in $\sqrt{s}=200$ GeV Au+Au Collisions. Physical Review Letters, 2005, 94, 232301.	7.8	219
38	Systematic studies of the centrality and NN dependence of the $ET/d\eta$ and $Nch/d\eta$ in heavy ion collisions at midrapidity. Physical Review C, 2005, 71, .	2.9	214
39	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
40	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.	2.76	210
41	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
42	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	3.9	209
43	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.	3.9	203
44	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
45	Measurement of High- p_T Single Electrons from Heavy-Flavor Decays in $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 252002.	7.8	200
46	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.	3.9	199
47	Heavy-quark production in $p+p$ collisions at $\sqrt{s}=2.76$ TeV and energy loss and flow of heavy quarks in Au + Au collisions at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	2.9	196
48	Suppression of neutral mesons in $p+p$ collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	7.8	194
49	Scaling properties of hadron production. Physical Review D, 2011, 83, .	4.7	189
50	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	1.2	189
51	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.	2.76	189
52	Observation of Direct Photons in Central 158 GeV $Pb+Pb$ Collisions. Physical Review Letters, 2000, 85, 3595-3599.	7.8	188
53	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 708, 249-264.	4.1	188
54	Observation of Direct-Photon Collective Flow in $p+p$ and $Pb+Pb$ Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 122302.	7.8	184

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55	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 109, 252302.	7.8	184
56	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
57	Production of K_S^0 and K_S^* Mesons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	7.8	180
58	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	1.2	171
59	Photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.1	171
60	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	171
61	Suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.1	171
62	Production of Λ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	2.9	170
63	Production of Λ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.7	163
64	Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	7.8	163
65	Λ Production versus Transverse Momentum and Rapidity in p+p Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2007, 98, 232002.	7.8	161
66	Bose-Einstein Correlations of Charged Pion Pairs in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2004, 93, 152302.	7.8	158
67	Anisotropic flow of charged hadrons, pions and (anti)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.1	156
68	Transverse momentum spectra of charged particles in proton-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 5368.	7.8	155
69	Production of Λ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	155
70	Single identified hadron spectra from $\sqrt{s_{NN}} = 130$ GeV Au+Au collisions. Physical Review C, 2004, 69, .	2.9	154
71	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	7.8	154
72	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

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73	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in p -Pb Collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	151
74	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
75	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
76	Measurement of Transverse Single-Spin Asymmetries for Midrapidity Production of Neutral Pions and Charged Hadrons in Polarized p - p Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2005, 95, 202001.	7.8	144
77	Measurement of Single Electrons and Implications for Charm Production in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2002, 88, 192303.	7.8	143
78	Centrality Dependence of ϕ and Ω Production at Large Transverse Momentum in $NN = 200$ GeV d +Au Collisions. Physical Review Letters, 2007, 98, .	7.8	140
79	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
80	Measurements of Elliptic and Triangular Flow in High-Multiplicity He - He Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132301.	7.8	140
81	PHENIX calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 521-536.	1.6	139
82	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
83	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	7.8	138
84	Transverse-Mass Dependence of Two-Pion Correlations in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2002, 88, 192302.	7.8	136
85	Centrality dependence of particle production in p -Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	135
86	Measurement of the Midrapidity Transverse Energy Distribution from $NN = 130$ GeV Au+Au Collisions at RHIC. Physical Review Letters, 2001, 87, 052301.	7.8	134
87	Neutral pion and η meson production in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132301.	7.8	133
88	Centrality dependence of particle production in p -Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	4.1	133
89	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, 2012, 717, 162-172.	4.1	130
90	Multiparticle azimuthal correlations in p -Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130

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91	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
92	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=2.76$ TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	125
93	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. <i>European Physical Journal C</i> , 2010, 65, 111-125.	3.9	124
94	Measurement of Direct Photon Production in p+p Collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2007, 98, 012002.	7.8	123
95	J/ψ Production and Nuclear Effects in p+p Collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2006, 96, 012304.	7.8	121
96	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
97	Rapidity and transverse momentum dependence of inclusive production in pp collisions at $\sqrt{s}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.1	115
98	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	115
99	Measurement of Λ -particles in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2002, 89, 092302.	7.8	112
100	Production of K^0_S and \bar{K}^0_S in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	111
101	Multi-strange baryon production in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 758, 389-401.	7.8	109
102	Production of mesons and (anti)deuterons in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2008, 101, 122301.	7.8	108
103	Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2008, 101, 122301.	7.8	105
104	Yields as a function of rapidity and nuclear geometry in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2008, 101, 122301.	7.8	104
105	Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2008, 101, 122301.	7.8	104
106	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. <i>European Physical Journal C</i> , 2013, 73, 2662.	3.9	101
107	Azimuthal anisotropy of meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2008, 101, 122301.	2.9	101
108	Photo-production of mesons and of high mass mesons in ultra-peripheral Au + Au collisions at $\sqrt{s_{NN}}=19.6$ TeV. <i>Physical Review Letters</i> , 2008, 101, 122301.	4.1	100

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109	Photoproduction off Protons in Ultraperipheral Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	100
110	Polarization in Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	99
111	Production of Λ and $\bar{\Lambda}$ as constrained by deuteron-gold measurements at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	97
112	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.	7.8	97
113	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
114	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.	4.7	97
115	Production of Muons from Heavy Flavor Decays in Forward Rapidity in pp and Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	96
116	Production of mesons at midrapidity in $\sqrt{s_{NN}} = 200$ GeV Au+Au collisions at relativistic energies. Physical Review C, 2005, 72, .	2.9	95
117	Measurement of Prompt Meson Production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions. Physical Review Letters, 2012, 108, 092301.	7.8	94
118	Quantitative constraints on the transport properties of hot partonic matter from semi-inclusive single high transverse momentum pion suppression in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2008, 77, .	2.9	93
119	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	4.7	93
120	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	4.1	93
121	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	4.1	93
122	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	4.1	92
123	Nuclear effects on hadron production in $\sqrt{s_{NN}} = 200$ GeV Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV revealed by comparison with p+p data. Physical Review C, 2006, 74, .	2.9	90
124	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.	3.9	89
125	Production of K^0_S and ϕ in $\sqrt{s_{NN}} = 5.02$ TeV Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
126	Inclusive production of Λ and $\bar{\Lambda}$ in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	4.1	88

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127	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. Detailed study of high- p_T pion suppression and azimuthal anisotropy in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	4.7	88
128	Measurement of the cross section for electromagnetic dissociation with neutron emission in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	2.9	87
129	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, 2007, 75, .	7.8	87
130	Measurement of the cross section for electromagnetic dissociation with neutron emission in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	2.9	87
131	Multi-strange baryon production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	7.8	86
132	Systematic studies of elliptic flow measurements in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	2.9	86
133	High transverse momentum Λ meson production in p+p, d+Au, and Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2007, 75, .	2.9	82
134	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.7	82
135	Cold Nuclear Matter Effects on Heavy-Quark Production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions. Physical Review C, 2007, 75, .	4.7	81
136	Measurement of Nonrandom Event-by-Event Fluctuations of Average Transverse Momentum in $\sqrt{s_{NN}} = 200$ GeV Au+Au and p+p Collisions. Physical Review Letters, 2004, 93, 092301.	7.8	81
137	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	7.8	80
138	Event-by-event fluctuations in mean $\langle p_T \rangle$ and $\langle p_T^2 \rangle$ in $\sqrt{s_{NN}} = 130$ GeV Au+Au collisions. Physical Review C, 2002, 66, .	2.9	79
139	Jet properties from dihadron correlations in p+p collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2006, 74, .	4.7	78
140	Transverse energy production and charged-particle multiplicity at midrapidity in various systems from $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions. Physical Review C, 2016, 93, 054907.	2.9	78
141	Measurement of an Excess in the Yield of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions at Very Low p_T . Physical Review C, 2016, 93, 054907.	7.8	77
142	Measurement of an Excess in the Yield of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions at Very Low p_T . Physical Review C, 2016, 93, 054907.	7.8	77

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145	Centrality dependence of the high pT charged hadron suppression in Au+Au collisions at sNN=130 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 82-92. Dilepton mass spectra in Au+Au collisions at sNN=130 GeV. Physical Review Letters, 2003, 91, 172301.	4.1	75
146	Centrality dependence of the high pT charged hadron suppression in Au+Au collisions at sNN=130 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 82-92. Dilepton mass spectra in Au+Au collisions at sNN=130 GeV. Physical Review Letters, 2003, 91, 172301.	4.1	75
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173	Charged-particle multiplicity fluctuations in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072301.	4.7	63
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175	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
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205	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13.6 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
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219	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at the LHC. Physical Review C, 2016, 93, .	2.9	43
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228	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
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237	Source Breakup Dynamics in Au+Au Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2007, 98, 132301.	7.8	37
238	Production of mesons in Au+Au collisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2013, 87, .	2.9	37
239	Direct photon production in Au collisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2013, 87, .	2.9	37
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241	Direct photon production in Au collisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2013, 87, .	4.7	36
242	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
243	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2016, 94, .	3.9	36
244	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2016, 93, .	3.9	36
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247	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2015, 91, .	4.7	35
248	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
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250	Measurement of ϕ meson production in Au+Au collisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2013, 87, .	2.9	34
251	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
252	Energy dependence of exclusive ϕ/ψ photoproduction off protons in ultra-peripheral p+Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34

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254	Multiplicity dependence of jet-like two-particle correlation structures in pA collisions at Au collisions $\langle N \rangle + \langle N^2 \rangle - \langle N \rangle^2$	2.9	33
255	Differential studies of inclusive J/ψ and $\psi(2S)$ 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
256	Measurement of electrons from heavy-flavour hadron decays in pA collisions at Au collisions $\langle N \rangle + \langle N^2 \rangle - \langle N \rangle^2$	2.9	33
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260	Measurement of single muons at forward rapidity in pA collisions $\langle N \rangle + \langle N^2 \rangle - \langle N \rangle^2$	2.9	31
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264	Centrality dependence of charged jet production in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
265	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
266	Neutral pion and η meson production in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
267	Measurement of transverse single-spin asymmetries for J/ψ production in polarized p+p collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2010, 82, .	4.7	30
268	Nuclear-modification factor for open-heavy-flavor production at forward rapidity in Cu+Cu collisions at Au collisions $\langle N \rangle + \langle N^2 \rangle - \langle N \rangle^2$	2.9	30
269	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
270	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
270	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pA, and Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30

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278	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
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281	High p_T direct photon and η -triggered azimuthal jet correlations and measurement of k_T for isolated direct photons in p+p collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2010, 82, .	4.7	27
282	Charged kaon femtoscopic correlations in p+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, .	4.7	27
283	Event-shape engineering for inclusive spectra and elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Search for weakly decaying η mesons at large transverse momenta in p+Pb and Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, .		
284	Measurement of density correlations in pseudorapidity via charged particle multiplicity fluctuations in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2007, 76, .	4.1	27
285	Production of η mesons at large transverse momenta in p+Pb and Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	26
286	Measurement of density correlations in pseudorapidity via charged particle multiplicity fluctuations in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2007, 76, .	2.9	26
287	Improved measurement of double helicity asymmetry in inclusive midrapidity η production for polarized p+p collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2006, 73, .	4.7	25
288	Measurement of K_S^0 production in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2014, 90, .	2.9	25

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289	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
290	Multipion Bose-Einstein correlations in p+Pb and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	25
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292	Overview of PHENIX results from the first RHIC run. Nuclear Physics A, 2002, 698, 39-53.	1.5	24
294	Event structure and double helicity asymmetry in jet production from polarized p+Pb collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2011, 84, .	4.7	24
295	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
296	Measurement of the production of high-pT 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, 2017, 771, 467-481.	4.1	24
297	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ and 8.16 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	24
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