

Elena Gonzalez Ferreiro

List of Publications by Year in descending order

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Version: 2024-02-01

207
papers

19,530
citations

6254

80
h-index

11607

135
g-index

207
all docs

207
docs citations

207
times ranked

7685
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	1.2	811
2	Nonlinear gluon evolution in the color glass condensate: II. Nuclear Physics A, 2002, 703, 489-538.	1.5	716
3	Elliptic Flow of Charged Particles in Pb-Pb Collisions at Long-range angular correlations on the near and away side in pA and Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 29-41.	7.8	659
4	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
5	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review Letters, 2011, 107, 032301.	7.8	482
6	Production of charm and bottom quarks in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	2.9	465
7	Heavy-flavour and quarkonium production in the LHC era: from proton to heavy-ion collisions. European Physical Journal C, 2016, 76, 107.	3.9	400
8	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	7.8	307
9	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review Letters, 2011, 107, 032301.	7.8	296
10	Production of charm and bottom quarks in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	7.8	270
11	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV with ALICE. Physical Review C, 2013, 88, 044907.	2.9	267
12	Heavy-ion collisions at the LHC – Last call for predictions. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 054001.	3.6	255
13	Long-range angular correlations of Λ , K and p in pA and Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	4.7	235
14	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
15	Charged-particle multiplicity measurement in proton collisions at $\sqrt{s} = 7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
16	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.7	210

#	ARTICLE	IF	CITATIONS
19	Production of pions, kaons and protons in pp collisions at $\sqrt{s} = 900\text{--}1300\text{ GeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
20	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2013, 110, 012301.	3.9	203
21	Charmonium and $e + e \rightarrow \gamma$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. European Physical Journal C, 2013, 73, 2617.	3.9	202
22	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456.	3.9	199
23	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 0.9\text{ and }2.36\text{ TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	7.8	194
24	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2012, 109, 072301.	1.2	189
25	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	4.1	188
26	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s} = 0.9\text{ and }2.36\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 716, 196-207.	4.1	184
27	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2012, 109, 252301.	7.8	182
28	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2012, 109, 252301.	2.1	180
29	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2016, 116, 222302.	1.2	171
30	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	4.1	171
31	Coherent photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2012, 109, 252301.	7.8	171
32	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2012, 109, 252301.	4.1	171
33	Centrality, rapidity and transverse momentum dependence of direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2012, 109, 252301.	4.1	163
34	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. Physical Review Letters, 2012, 109, 252301.	4.1	156
35	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s} = 0.9\text{ and }2.36\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 716, 196-207.		

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37	Transverse momentum spectra of charged particles in protonâ€‘proton collisions at $\sqrt{s} = 900$ GeV with ALICE at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	7.8	155
38	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	7.8	151
39	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
40	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	7.8	151
41	Measurement of pion, kaon and proton production in protonâ€‘proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
42	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
43	Percolation Approach to Quark-Gluon Plasma and J/ψ Suppression. Physical Review Letters, 1996, 77, 3736-3738.	7.8	146
44	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2015, 91, 054907.	7.8	138
45	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2015, 91, 054907.	2.9	135
46	Neutral pion and η meson production in protonâ€‘proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 1.	4.1	133
47	Centrality dependence of the average transverse momentum in pp, pâ€‘Pb, and Pbâ€‘Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	4.1	130
48	Multiplicity dependence of the average transverse momentum in pp, pâ€‘Pb, and Pbâ€‘Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	4.1	130
49	Multiparticle azimuthal correlations in Pb-Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
50	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
51	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in protonâ€‘proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
52	First protonâ€‘proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s} = 900$ GeV. European Physical Journal C, 2010, 65, 111-125.	3.9	124
53	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118

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55	Production of $\Lambda(1520)$ and $\Sigma(1385)$ in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	115
56	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
57	Production of $\Lambda(1520)$ and $\Sigma(1385)$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
58	Multi-strange baryon production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401.	4.1	111
59	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	4.1	105
60	Nonsaturation of the Λ suppression at large transverse energy in the Comovers Approach. Physical Review Letters, 2000, 85, 2080-2083.	7.8	103
61	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	3.9	101
62	Azimuthal anisotropy of D -meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 83, 054001.	2.9	101
63	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	100
64	Excited charmonium suppression in proton-nucleus collisions as a consequence of comovers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 98-103.	4.1	100
65	Polarization in p -Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	99
66	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
67	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
68	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.	7.8	96
69	Meson Production in p -Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	94
70	Production of $\Lambda(1520)$ and $\Sigma(1385)$ in pp collisions as a function of charged particle multiplicity in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	93
71	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	93
72	Measurement of quarkonium production at forward rapidity in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s_{NN}} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89

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73	Production of K^0_S (892) and ϕ (1020) in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
74	Long and Short Range Correlations: A Signature of String Fusion. Physical Review Letters, 1994, 73, 2813-2816.	7.8	88
75	Production in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	4.1	88
76	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.	4.7	88
77	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	4.1	88
78	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	4.1	88
79	Mid-rapidity production of ϕ (1020) 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, 718, 295-306.	4.1	82
80	Pseudorapidity and transverse momentum distributions of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
81	Froissart bound from gluon saturation. Nuclear Physics A, 2002, 710, 373-414.	1.5	79
82	Measurement of an Excess in the Yield of ϕ (1020) Production at Very Low p_T in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	7.8	77
83	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
84	Cold nuclear matter effects on ϕ (1020) production: Intrinsic and extrinsic transverse momentum effects. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 689, 50-55.	4.1	69
85	Heavy-flavor 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, 295-306.	4.1	69
86	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072301.	7.8	69
87	Measurement of Linear Dihadron Correlation Cross Section in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	4.1	68
88	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
89	Midrapidity Antiproton-to-Proton Ratio in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072302.	7.8	67
90	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 152301.	4.7	67

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91	Production of $\Upsilon(1S)$ and $\Upsilon(2S)$ in $p\bar{p}$ collisions at $\sqrt{s} = 200$ GeV in the comovers $\hat{\sigma}^{\text{TM}}$ interaction model. European Physical Journal C, 2005, 42, 419-424.	4.1	67
92	Charmonium dissociation and recombination at LHC: Revisiting comovers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 57-63.	4.1	64
93	High multiplicity events and production of $\Upsilon(1S)$ and $\Upsilon(2S)$ in $p\bar{p}$ collisions at $\sqrt{s} = 200$ GeV in the comovers $\hat{\sigma}^{\text{TM}}$ interaction model. European Physical Journal C, 2005, 42, 419-424.	2.9	62
94	Two-pion Bose-Einstein correlations in $p\bar{p}$ collisions at $\sqrt{s} = 200$ GeV in the comovers $\hat{\sigma}^{\text{TM}}$ interaction model. Physical Review D, 2010, 82, .	4.7	61
95	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and $Pb\bar{Pb}$ collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61
96	$\Upsilon(1S)$ suppression at $\sqrt{s} = 200$ GeV in the comovers $\hat{\sigma}^{\text{TM}}$ interaction model. European Physical Journal C, 2005, 42, 419-424.	3.9	60
97	Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in $p\bar{p}$ collisions at $\sqrt{s} = 200$ GeV in the comovers $\hat{\sigma}^{\text{TM}}$ interaction model. European Physical Journal C, 2005, 42, 419-424.	4.1	60
98	Charmonium suppression in lead-lead collisions: Is there a break in the Υ cross section?. Physical Review C, 1999, 59, 395-404.	2.9	58
100	Measurement of event background fluctuations for charged particle jet reconstruction in $Pb-Pb$ collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
101	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in $Pb-Pb$ Collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	7.8	58
102	Measurement of electrons from semileptonic heavy-flavor hadron decays in $p\bar{p}$ collisions at $\sqrt{s} = 200$ GeV in the comovers $\hat{\sigma}^{\text{TM}}$ interaction model. European Physical Journal C, 2005, 42, 419-424.	4.7	57
103	Measurement of prompt $\Upsilon(1S)$ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
104	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 200$ GeV in the comovers $\hat{\sigma}^{\text{TM}}$ interaction model. European Physical Journal C, 2005, 42, 419-424.	4.1	51
105	Production of $\Upsilon(1S)$ and $\Upsilon(2S)$ in $p\bar{p}$ collisions at $\sqrt{s} = 200$ GeV in the comovers $\hat{\sigma}^{\text{TM}}$ interaction model. European Physical Journal C, 2005, 42, 419-424.	2.9	51
106	Two- and three-pion quantum statistics correlations in $Pb-Pb$ collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, .	4.1	51
107	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
108	Charmonium dissociation and recombination at RHIC and LHC. European Physical Journal C, 2008, 58, 437-444.	3.9	49

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109	Measurement of charged jet production cross sections and nuclear modification in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 749, 60-61.		49
110	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.	4.7	48
111	Production of mesons in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 749, 62-63.	2.9	47
112	Universality of the transverse momentum distributions in the framework of percolation of strings. <i>European Physical Journal C</i> , 2005, 40, 229-241.	3.9	46
113	Charge correlations using the balance function in Pb-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.	4.1	46
114	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, .	2.9	46
115	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.	4.1	45
116	Freeze-out radii extracted from three-pion cumulants in pp, p+Pb and Pb-Pb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 739, 139-151.	4.1	45
117	Forward-central two-particle correlations 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, 753, 126-139.		45
118	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.	4.7	44
119	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, .	2.9	43
120	Predictions for cold nuclear matter effects in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Nuclear Physics A</i> , 2018, 972, 18-85.	1.5	43
121	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.	4.1	42
122	Precision measurement of the mass difference between light nuclei and anti-nuclei. <i>Nature Physics</i> , 2015, 11, 811-814.	16.7	41
123	Prospects for quarkonium studies at the high-luminosity LHC. <i>Progress in Particle and Nuclear Physics</i> , 2022, 122, 103906.	14.4	41
124	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.	1.2	40
125	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 373-385.		40
126	Two-pion femtoscopy in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2015, 91, .	2.9	39

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127	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
128	Coherent $\Upsilon(2S)$ photo-production in ultra-peripheral Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	4.9	38
129	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
130	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
131	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2016, 94, .	4.9	36
132	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2016, 93, .	4.9	36
133	Transverse momentum fluctuations and percolation of strings. Physical Review C, 2004, 69, .	2.9	35
134	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2015, 91, .	4.7	35
135	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
136	Multiplicity dependence of jet-like two-particle correlation structures in p-Pb collisions at $\sqrt{s}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.1	33
137	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
138	Measurement of electrons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	4.1	33
139	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
140	Beauty production in pp collisions at $\sqrt{s}=2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 97-108.	4.1	32
141	Underlying Event measurements in pp collisions at $\sqrt{s}=0.9$ and 7 TeV with the ALICE experiment at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
142	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	3.9	31
143	Quarkonium production in high energy proton-proton and proton-nucleus collisions. Nuclear Physics, Section B, Proceedings Supplements, 2011, 214, 3-36.	0.4	30
144	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

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145	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
146	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p+Pb, and Pb+Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
147	A unitary model for structure functions and diffractive production at small x. Nuclear Physics B, 2001, 593, 336-358.	2.5	29
148	Predictions for p+Pb Collisions at $\sqrt{s_{NN}} = 5$ TeV: Comparison with Data. International Journal of Modern Physics E, 2016, 25, 1630005.	1.0	29
149	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
150	Charged kaon femtoscopic correlations in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 044907.	4.7	27
151	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, 044908.	4.1	27
152	Search for weakly decaying $\Lambda(1520)$ in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 044909.	4.1	27
153	Deep inelastic scattering data and the problem of saturation in small-x physics. Physical Review D, 2001, 63, 054002.	4.7	26
154	Charged multiplicities in pp and AA collisions at LHC. European Physical Journal C, 2012, 72, 1.	3.9	26
155	Centrality, Rapidity, and Transverse-Momentum Dependence of Gluon Shadowing and Antishadowing on J/ψ Production in dAu Collisions at $\sqrt{s} = 200$ GeV. Few-Body Systems, 2012, 53, 27-36.	1.5	26
156	Centrality, rapidity, and transverse-momentum dependence of cold nuclear matter effects on J/ψ production in dAu, CuCu, and AuAu collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2010, 81, 054904.	2.9	25
157	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, 032004.	4.7	25
158	Multipion Bose-Einstein correlations in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, 044910.	2.9	25
159	π^0 production in p(d)A collisions at RHIC and the LHC. European Physical Journal C, 2013, 73, 1.	3.9	24
160	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
161	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 B, 2016, 753, 41-56.	4.1	23
162	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 B, 2016, 753, 41-56.	4.1	23

#	ARTICLE	IF	CITATIONS
163	Angular anisotropy of charged jet production in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 511-525.	4.1	23
164	Transverse-momentum dependence of J/ψ shadowing effects. European Physical Journal C, 2009, 61, 859-864.	3.9	22
165	Multiplicity fluctuations in the string clustering approach. Physical Review C, 2005, 72, .	2.9	21
166	Spin physics and TMD studies at A Fixed-Target Experiment at the LHC (AFTER@LHC). EPJ Web of Conferences, 2015, 85, 02038.	0.3	20
167	Schwinger model and string percolation in hadron and heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 581, 156-160.	4.1	19
168	Suppression of J/ψ production and the decrease of nuclear absorption with increasing energy. Physical Review C, 2007, 76, .	4.1	19
169	Universal behavior of transverse momentum distributions of baryons and mesons in the framework of percolation of strings. European Physical Journal C, 2008, 53, 585-589.	3.9	19
170	Measurement of dijet production in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 511-525.	4.1	19
171	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
172	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
173	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032.	5.4	18
174	Cumulative particle production and percolation of strings. European Physical Journal C, 2002, 25, 249-257.	3.9	17
175	Cold Nuclear Matter effects on J/ψ production with extrinsic PT at the LHC. Nuclear Physics A, 2011, 855, 327-330.	1.5	16
176	AFTER@LHC: a precision machine to study the interface between particle and nuclear physics. EPJ Web of Conferences, 2014, 66, 11023.	0.3	15
177	Event-by-event fluctuations in heavy-ion collisions and the quark-gluon string model. European Physical Journal C, 1999, 11, 163-167.	3.9	13
178	Inclusive photon production at forward rapidities in proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	3.9	12
179	Spin physics at a fixed-target experiment at the LHC (AFTER@LHC). Physics of Particles and Nuclei, 2014, 45, 336-337.	0.7	11
180	Baryon and antibaryon production in hadronic and nuclear interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 27-32.	4.1	10

#	ARTICLE	IF	CITATIONS
181	Ultra-relativistic heavy-ion physics with AFTER@LHC. Nuclear Physics A, 2013, 904-905, 957c-960c.	1.5	10
182	Open-beauty production in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV: Effect of the gluon nuclear densities. Nuclear Physics A, 2014, 926, 236-241.	1.5	10
183	On the theoretical and experimental uncertainties in the extraction of the J/ψ absorption cross section in cold nuclear matter. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 094055.	3.6	9
184	Fusion of strings and cosmic rays at ultrahigh energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 78-82.	4.1	8
185	Density saturation and the decrease of the normalised width of the multiplicity distribution in high energy pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 601, 125-131.	4.1	8
186	J/ψ and ψ' production in proton(deuteron)-nucleus collisions: lessons from RHIC for the proton-lead LHC run. Journal of Physics: Conference Series, 2013, 422, 012018.	0.4	8
187	Anomalous suppression of π^0 production at large transverse momentum in Au + Au and d + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. European Physical Journal C, 2005, 40, 129-135.	3.9	7
188	Scaling behaviour and correlations in the string fusion model for heavy ion collisions. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 489-493.	1.5	5
189	Fast antibaryon production in pp collisions as a result of string fusion. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 309-313.	1.5	5
190	Charmonium dynamics in dA and AA at RHIC and LHC. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104156.	3.6	5
191	Fusion of strings and its consequences at the highest cosmic ray energies. Astroparticle Physics, 1997, 6, 329-336.	4.3	4
192	Elliptic flow and fixed p_T suppression in a final state interaction model. Physical Review C, 2007, 75, .	2.9	4
193	Strangeness enhancement in the string fusion model code. Journal of Physics G: Nuclear and Particle Physics, 1997, 23, 1961-1968.	3.6	3
194	Can the RHIC J/ψ puzzle(s) be settled at LHC?. European Physical Journal C, 2009, 61, 865-870.	3.9	3
195	Spin and diffractive physics with a fixed-target experiment at the LHC (AFTER@LHC). , 2013, , .		3
196	Aspects of the unitarized soft multipomeron approach in DIS and diffraction. European Physical Journal C, 2002, 24, 109-115.	3.9	2
197	String fusion model results on Pb-Pb central collisions at SPS energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 314-318.	4.1	1
198	Fusion of strings vs. percolation and the transition to the quark gluon plasma. Nuclear Physics A, 1998, 642, c143-c148.	1.5	1

#	ARTICLE	IF	CITATIONS
199	Fluctuations and correlations in the string clustering approach. European Physical Journal A, 2007, 31, 845-847.	2.5	1
200	Fusion of strings: Consequences at the highest cosmic ray energies. Nuclear Physics, Section B, Proceedings Supplements, 1997, 52, 126-128.	0.4	0
201	String fusion and quark gluon plasma signatures: fast antibaryon production. Nuclear Physics, Section B, Proceedings Supplements, 1999, 71, 313-318.	0.4	0
202	LARGE TRANSVERSE MOMENTUM SUPPRESSION AT RHIC: SHADOWING AND ABSORPTION. International Journal of Modern Physics A, 2005, 20, 4456-4461.	1.5	0
203	Correlations at RHIC and the Clustering of Color Sources. AIP Conference Proceedings, 2007, , .	0.4	0
204	Color strings, pomeron shadowing and Color Glass Condensate. Nuclear Physics A, 2007, 782, 327-334.	1.5	0
205	Resolving the $\langle J \rangle / \langle \hat{J} \rangle$ RHIC puzzles at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 064054.	3.6	0
206	Fluctuations and transverse momentum distributions in the color clustering approach. Indian Journal of Physics, 2010, 84, 1819-1823.	1.8	0
207	Quarkonium as a tool: cold nuclear matter effects. Nuclear Physics, Section B, Proceedings Supplements, 2011, 214, 143-146.	0.4	0