

Peter Christiansen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/988829/publications.pdf>

Version: 2024-02-01

255
papers

21,600
citations

7551

77
h-index

10127

140
g-index

258
all docs

258
docs citations

258
times ranked

7878
citing authors

#	ARTICLE	IF	CITATIONS
1	Quark-gluon plasma and color glass condensate at RHIC? The perspective from the BRAHMS experiment. Nuclear Physics A, 2005, 757, 1-27.	0.6	1,901
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, 2011, 106, 032301.	2.9	659
4	Long-range angular correlations of 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, 2014, 728, 25-38.	1.5	561
5	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.	2.9	507
6	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.	2.9	482
7	Production of K_S^0 and K^0_S in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Instruments and Methods in Physics Research, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 622, 316-367.	1.1	465
8	The ALICE TPC, a large 3-dimensional tracking device with fast readout for ultra-high multiplicity events. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 622, 316-367.	0.7	450
9	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	6.5	399
10	Multiplicity dependence of pion, kaon, proton and lambda production in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 728, 25-38.	1.5	307
11	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	1.5	301
12	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
13	Production of K_S^0 and K^0_S in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Instruments and Methods in Physics Research, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 622, 316-367.	2.9	270
14	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, 044907.	1.1	267
15	Quadrupole Anisotropy in Dihadron Azimuthal Correlations in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 728, 25-38.	2.9	249
16	Long-range angular correlations of K_S^0 and K^0_S in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 728, 25-38.	2.9	246
17	Long-range angular correlations of K_S^0 and K^0_S in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 728, 25-38.	1.5	235
18	Long-range angular correlations of K_S^0 and K^0_S in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 726, 164-177.	1.5	235

#	ARTICLE	IF	CITATIONS
19	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Journal of High Energy Physics, 2012, 1.	1.6	228
20	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7\mathrm{TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	1.4	212
21	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	1.5	210
22	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900\mathrm{GeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	209
23	Charmonium and $e+e^{-}$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. European Physical Journal C, 2013, 73, 2617.	1.4	203
24	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
25	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and $2.36\mathrm{TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	1.4	199
26	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 249-264.	2.9	194
27	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 249-264.	1.5	188
28	Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 249-264.	2.9	184
29	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review Letters, 2016, 116, 222302.	2.9	182
30	Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review C, 2015, 92, 034907.	2.9	171
31	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review Letters, 2013, 111, 102301.	1.5	171
32	Direct photon production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	163
33	Pseudorapidity Density of Charged Particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	156
34	Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	2.9	155
35	Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	2.9	155

#	ARTICLE	IF	CITATIONS
37	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
38	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	148
39	Flow and (Quasi)Global Anisotropy of Pions and (Anti)Protons in Central Au-Au Collisions at $\sqrt{s_{NN}} = 0.9$ TeV. Physical Review Letters, 2015, 114, 192301.	2.9	143
40	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
41	Measurements of elliptic and triangular flow in high-multiplicity He-He collisions at $\sqrt{s_{NN}} = 0.9$ TeV. Physical Review Letters, 2015, 114, 192301.	2.9	140
42	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
43	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2015, 114, 192301.	2.9	138
44	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	1.1	135
45	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	1.5	133
46	Multiplicity dependence of the average transverse momentum in pp, p-Pb, and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	1.5	130
47	Multiparticle azimuthal correlations in p-Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	1.1	130
48	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
49	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
50	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
51	Rapidity and transverse momentum dependence of inclusive particle production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401.	1.5	115
52	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
53	Production of $\Lambda(892)^0$ and $\bar{\Lambda}(1020)$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	111
54	Multi-strange baryon production in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401.	1.5	111

#	ARTICLE	IF	CITATIONS
55	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic 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	110
56	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
57	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
58	Azimuthal anisotropy of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	1.1	101
59	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	100
60	Polarization in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	99
61	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
62	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.	1.6	97
63	Measurement of Prompt Meson Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	96
64	Meson Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	94
65	Multiplicity dependence of charged pion, kaon, and (anti)proton 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, 2016, 760, 720-735.	1.6	93
66	Multiplicity dependence of charged pion, kaon, and (anti)proton 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, 2016, 760, 720-735.	1.5	93
67	Multiplicity dependence of charged pion, kaon, and (anti)proton 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, 2016, 760, 720-735.	1.5	92
68	Measurement of quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	1.4	89
69	Production of K_S^0 and ϕ (1020) in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	1.4	89
70	Multiplicity dependence of light-flavor hadron production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.1	89
71	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.	1.6	88
72	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

#	ARTICLE	IF	CITATIONS
73	Multi-strange baryon production in pp collisions at $\sqrt{s} = 2.76$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 713, 266-270.	2.9	81
74	Measurement of an Excess in the Yield of Λ and $\bar{\Lambda}$ Meson Production at High Transverse Momentum in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	1.1	86
75	Transverse energy production and charged-particle multiplicity at midrapidity in various systems from Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	2.9	81
76	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	2.9	80
77	Measurement of an Excess in the Yield of Λ and $\bar{\Lambda}$ Meson Production at Very Low p_T in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	1.1	78
78	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	2.9	77
79	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
80	Production of He nuclei, and their antinuclei in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	1.1	71
81	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
82	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, 2017, 772, 567-577.	2.9	69
83	Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	2.9	67
84	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 152301.	2.9	67
85	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66
86	Centrality categorization for $R_p(d)+A$ in high-energy collisions. Physical Review C, 2014, 90, .	1.1	65
87	Investigations of Anisotropic Flow Using Multiparticle Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 152301.	1.1	64
88	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 142301.	2.9	64
89	Centrality categorization for $R_p(d)+A$ in high-energy collisions. Physical Review C, 2014, 90, .	1.1	65
90	Centrality categorization for $R_p(d)+A$ in high-energy collisions. Physical Review C, 2014, 90, .	1.1	65

#	ARTICLE	IF	CITATIONS
91	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2017, 77, 1.	1.1	64
92	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
93	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
94	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	1.5	62
95	Transition in Yield and Azimuthal Shape Modification in Dihadron Correlations in Relativistic Heavy Ion Collisions. Physical Review Letters, 2010, 104, 252301.	2.9	61
96	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
97	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
98	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	58
99	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	58
100	Measurement of electrons from semileptonic heavy-flavor hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.6	57
101	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	56
102	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	1.5	56
103	Cross Section and Parity-Violating Spin Asymmetries of W_{\pm} Boson Production in Polarized p+p Collisions at $\sqrt{s}=500$ GeV. Physical Review Letters, 2011, 106, 062001.	2.9	54
104	Measurement of prompt J/ψ 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.	1.6	54
105	Measurement of D_0 , D^+ , D^{*+} and D^+s production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	54
106	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	1.5	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.	1.6	50
108	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	1.5	50

#	ARTICLE	IF	CITATIONS
109	Energy dependence of forward-rapidity $\psi\{\psi\}/\tilde{\psi}$ and $\psi\{2S\}/\tilde{\psi}\{2S\}$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	1.4	50
110	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	48
111	Centrality-Dependent Modification of Jet-Production Rates in Deuteron-Gold Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 122301.	2.9	48
112	Production of meson pairs in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 122301.	1.1	47
113	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	1.5	46
114	Forward-central two-particle correlations in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 126-139.	1.5	45
115	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	2.9	45
116	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	44
117	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	1.2	44
118	Measurement of D^0 , D^+ , D^{*+} and D^+_s production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	1.4	43
119	$\hat{b}+c$ production in pp collisions at $\sqrt{s} = 7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
120	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	40
121	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 272-285.	1.5	40
122	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.	1.4	40
123	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	1.1	39
124	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	1.4	39
125	First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	1.5	39
126	Production of $\psi(2S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 122301.	1.5	39

#	ARTICLE	IF	CITATIONS
127	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.	1.6	38
128	Measurement of $\langle \mathbf{r} \rangle$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	2.9	38
129	Multiplicity dependence of π^0 , K, and p production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	38
130	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K * mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 354, 287-291.	1.1	36
131	Search for a common baryon source in high-multiplicity pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	1.5	37
132	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.	1.6	36
133	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 034907.	1.1	36
134	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	1.4	36
135	Investigation of the ρ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	1.5	36
136	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.	1.6	35
137	Measurement of the higher-order anisotropic flow coefficients for identified hadrons in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 034907.	1.1	36
138	π^0 and η meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	34
139	Multiplicity dependence of jet-like two-particle correlation structures in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	1.5	33
140	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.	1.6	33
141	Measurement of electrons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 354, 287-291.	1.5	33
142	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2012, 72, 1.	1.4	32
143	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, 2016, 354, 287-291.	1.5	32
144	Single electron yields from semileptonic charm and bottom hadron decays in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 034907.	1.1	32

#	ARTICLE	IF	CITATIONS
145	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8 \text{ TeV}$. European Physical Journal C, 2017, 77, 1.	1.4	32
146	Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9 \text{ and } 7 \text{ TeV}$ with the ALICE experiment at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	31
147	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76 \text{ and } 7 \text{ TeV}$ measured by ALICE. European Physical Journal C, 2013, 73, 1.	1.4	31
148	Centrality dependence of charged jet production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$. European Physical Journal C, 2016, 76, 271.	1.4	31
149	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2017, 77, 1.	1.4	31
150	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$. European Physical Journal C, 2018, 78, 1.	1.4	31
151	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
152	Coherent ρ^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
153	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, Pb-Pb, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	1.4	30
154	Pseudorapidity dependence of the anisotropic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	2.9	30
155	Experimental Evidence for an Attractive $\rho\rho$ Interaction. Physical Review Letters, 2021, 127, 172301.	2.9	30
156	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	1.2	29
157	Production and Baryon-to-Meson Ratios in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	2.9	29
158	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
159	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	1.4	28
160	Constraints on jet quenching in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02 \text{ TeV}$ measured by the event-activity dependence of semi-inclusive hadron-jet distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 95-113.	1.5	28
161	Centrality dependence of inclusive J/ψ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	1.6	27
162	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$. Physical Review C, 2016, 93, .	1.4	27

#	ARTICLE	IF	CITATIONS
163	Multiplicity dependence of (anti)deuteron production in pp collisions at $\sqrt{s} = 2.76$ TeV. Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	1.5	27
164	Multiplicity dependence of light (anti)nucleon production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	1.5	27
165	Beam Energy and Centrality Dependence of Direct-Photon Emission from Ultrarelativistic Heavy-Ion Collisions. Physical Review Letters, 2019, 123, 022301.	2.9	26
166	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	1.6	25
167	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 97, .	1.5	25
168	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
169	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.	1.5	24
170	(Anti)-deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	24
171	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. Physical Review D, 2022, 105, .	1.6	24
172	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	1.5	23
173	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	1.4	23
174	Production of light-flavor hadrons in pp collisions at $\sqrt{s} \sim 7$ and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	23
175	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.1	23
176	Prompt D0, D+, and D*+ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	23
177	Multiplicity dependence of $K^*(892)^0$ and $\Lambda^*(1020)$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	1.5	22
178	Transverse-momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	1.5	22
179	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	2.9	21
180	Azimuthal-Angle Dependence of Charged-Pion-Interferometry Measurements with Respect to Second- and Third-Order Event Planes in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 112, 222301.	2.9	20

#	ARTICLE	IF	CITATIONS
181	Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	1.5	20
182	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.	1.6	19
183	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s} = 2.76$ and 8 TeV. Physical Review C, 2019, 99, .	1.1	19
184	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	18
185	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
186	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in p-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	2.9	18
187	Measurement of prompt D^0 , D^+ , D^{*+} , and D_s^+ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
188	Coherent ψ and ψ' photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} \sim 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	18
189	Performance studies with an ALICE TPC prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 565, 551-560.	2.9	18
190	The Opportunity Offered by the ESSnuSB Project to Exploit the Larger Leptonic CP Violation Signal at the Second Oscillation Maximum and the Requirements of This Project on the ESS Accelerator Complex. Advances in High Energy Physics, 2016, 2016, 1-16.	0.7	17
191	Centrality dependence of $\tilde{r}(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
192	Cross section and transverse single-spin asymmetry of muons from open heavy-flavor decays in polarized p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	1.6	17
193	Systematic study of charged-pion and kaon femtoscopy in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	1.6	17
194	QCD challenges from pp to A-A collisions. European Physical Journal A, 2020, 56, 1.	1.0	16
195	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	1.1	16
196	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	15
197	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 79, 1.	1.5	15
198			

#	ARTICLE	IF	CITATIONS
199	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ = 2.76 and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
200	Nuclear modification factor of light neutral-meson spectra up to high transverse momentum in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ = 2.76 and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.5	15
201	First measurement of dilepton production in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ = 2.76 and 5.02 TeV. Physical Review Letters, 2019, 123, 123001.	1.1	14
202	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ = 2.76 and 5.02 TeV. Physical Review Letters, 2019, 123, 123001.	1.1	14
203	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ = 2.76 and 5.02 TeV. Physical Review Letters, 2019, 123, 123001.	1.1	14
204	Updated physics performance of the ESSnuSB experiment. European Physical Journal C, 2021, 81, 1.	1.4	14
205	W and Z boson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
206	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ and 5.02 TeV. Physical Review Letters, 2017, 119, 102301.	2.9	13
207	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
208	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review C, 2018, 98, .	1.1	13
209	Universal scaling dependence of QCD energy loss from data-driven studies. Physical Review C, 2014, 89, .	1.1	12
210	Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	1.4	12
211	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	2.9	12
212	J/ψ production as a function of charged-particle pseudorapidity density in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ and 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-104.	1.9	12
213	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
214	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	12
215	Particle identification studies with a full-size 4-GEM prototype for the ALICE TPC upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 903, 215-223.	0.7	11
216	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.	1.9	11

#	ARTICLE	IF	CITATIONS
217	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	11
218	First measurement of quarkonium polarization in nuclear collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136146.	1.5	11
219	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
220	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physical Review C, 2017, 96, .	1.1	10
221	Measurements of $B \rightarrow J/\psi$ at forward rapidity in p+p collisions at $\sqrt{s} = 5.10$ GeV. Physical Review D, 2017, 95, 1.6	1.6	10
222	Inclusive J/ψ production in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	1.5	10
223	Two-particle differential transverse momentum and number density correlations in Pb-Pb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. Physical Review C, 2019, 100, .	1.1	10
224	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	10
225	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2017, 118, 162302.	2.9	10
226	Azimuthal correlations of electrons from heavy-flavor decay with hadrons in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2017, 118, 162302.	1.1	9
227	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
228	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, 2021, 127, 092302.	2.9	9
229	Number-ratio fluctuations in high-energy particle production. Physical Review C, 2009, 80, .	1.1	8
230	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	2.9	8
231	Measurement of the inclusive isolated photon production cross section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	8
232	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 204-219.	1.5	7
233	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.1	7
234	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	7

#	ARTICLE	IF	CITATIONS
235	PARTICLE IDENTIFICATION STUDIES WITH AN ALICE TEST TPC. International Journal of Modern Physics E, 2007, 16, 2457-2462.	0.4	6
236	Production of muons from heavy-flavour hadron decays in pA collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	1.5	6
237	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	6
238	B-meson production at forward and backward rapidity in p+p and Cu + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2017, 96, .	1.1	6
239	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136440.	1.5	6
240	Jet-associated deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136440.	1.5	6
241	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	6
242	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	6
243	Investigation of propagation algorithms for ray-tracing simulation of polarized neutrons. Journal of Neutron Research, 2014, 17, 27-34.	0.4	5
244	Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	1.4	5
245	The influence of detector effects on TPC performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 609, 149-155.	0.7	4
246	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.1	4
247	Production of ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	4
248	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	3
249	Measurement of isolated photon-hadron correlations in $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions. Physical Review C, 2020, 102, .	1.1	3
250	Probing the gluon plasma with charm balance functions. European Physical Journal C, 2021, 81, 1.	1.4	2
251	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	2
252	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 320-331.	1.5	1

#	ARTICLE	IF	CITATIONS
253	Underlying Event measurements in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the ALICE experiment at the LHC. , 0, .		1
254	\mathbf{K}_S^0 and (anti-) Λ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	1
255	How to extract physics from $\hat{1}/2$ dyn. Physics of Atomic Nuclei, 2012, 75, 744-747.	0.1	0