

Adam Kisiel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1591897/publications.pdf>

Version: 2024-02-01

611
papers

51,212
citations

807

118
h-index

2323

199
g-index

619
all docs

619
docs citations

619
times ranked

9207
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical challenges in the search for the quark-gluon plasma: The STAR Collaboration's critical assessment of the evidence from RHIC collisions. Nuclear Physics A, 2005, 757, 102-183.	0.6	2,780
2	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	0.5	811
3	Systematic measurements of identified particle spectra in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions. Physical Review Letters, 2011, 106, 032301.	1.1	714
4	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	2.9	659
5	Transverse-Momentum and Collision-Energy Dependence of High-pT Hadron Suppression in Au+Au Collisions at Ultrarelativistic Energies. Physical Review Letters, 2003, 91, 172302.	2.9	614
6	Disappearance of Back-To-Back High-pT Hadron Correlations in Central Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2003, 90, 082302.	2.9	598
7	Global Λ hyperon polarization in nuclear collisions. Nature, 2017, 548, 62-65.	13.7	585
8	Long-range angular correlations on the near and away side in $\sqrt{s_{NN}} = 2.76$ TeV Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 29-41.	5.02	561
9	STAR detector overview. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 624-632.	0.7	554
10	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2005, 72, .	1.1	520
11	Centrality Dependence of High-pT Hadron Suppression in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2002, 89, 202301.	2.9	518
12	Evidence from Au+Au Measurements for Final-State Suppression of High-pT Hadrons in Au+Au Collisions at RHIC. Physical Review Letters, 2003, 91, 072304.	2.9	517
13	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
14	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	0.5	486
15	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
16	Particle-Type Dependence of Azimuthal Anisotropy and Nuclear Modification of Particle Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2004, 92, 052302.	2.9	477
17	Centrality dependence of identified particle spectra in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions. Physical Review Letters, 2011, 106, 032301.	1.1	465
18	Distributions of Charged Hadrons Associated with High Transverse Momentum Particles in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2005, 95, 152301.	2.9	445

#	ARTICLE	IF	CITATIONS
19	ALICE: Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	1.4	441
20	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	1.5	433
21	Azimuthal Charged-Particle Correlations and Possible Local Strong Parity Violation. Physical Review Letters, 2009, 103, 251601.	2.9	424
22	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	6.5	399
23	Transverse Momentum and Centrality Dependence of High-pT Nonphotonic Electron Suppression in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2007, 98, 192301.	2.9	379
24	Identified Particle Distributions in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2004, 92, 112301.	2.9	368
25	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	2.9	365
26	Bulk properties of the medium produced in relativistic heavy-ion collisions from the beam energy scan program. Physical Review C, 2017, 96, .	1.1	357
27	Elliptic flow from two- and four-particle correlations in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review C, 2002, 66, .	1.1	309
28	Multiplicity dependence of pion, kaon, proton and lambda production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 25-38.	1.5	307
29	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.	1.5	301
30	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
31	Higher Moments of Net Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2010, 105, 022302.	2.9	278
32	Production of strange particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 022301.	2.9	270
33	Strange particle production in p+pcollisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2007, 75, .	1.1	267
34	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, .	1.1	267
35	Identified Particle Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2001, 87, .	2.9	265
36	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, .	1.1	263

#	ARTICLE	IF	CITATIONS
37	Identified Baryon and Meson Distributions at Large Transverse Momenta from Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152301.	2.9	261
38	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	6.0	249
39	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	1.1	248
40	Beam Energy Dependence of Moments of the Net-Charge Multiplicity Distributions in Au+Au Collisions at RHIC. Physical Review Letters, 2014, 113, 092301.	2.9	245
41	Long-range angular correlations of Λ , $\bar{\Lambda}$, and π in $\sqrt{s_{NN}}=2.76$ TeV Pb collisions at RHIC. Particle and High-Energy Physics, 2013, 76, 164-177.	1.5	235
42	Long-range angular correlations of Λ , $\bar{\Lambda}$, and π in $\sqrt{s_{NN}}=5.02$ TeV Pb collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 76, 164-177.	1.5	235
43	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	228
44	Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions. Physical Review C, 2008, 77, .	1.1	225
45	Cross Sections and Transverse Single-Spin Asymmetries in Forward Neutral-Pion Production from Proton Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 171801.	2.9	220
46	Long range rapidity correlations and jet production in high energy nuclear collisions. Physical Review C, 2009, 80, .	1.1	220
47	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	1.4	212
48	Multi-strange baryon production at mid-rapidity in $\sqrt{s_{NN}}=2.76$ TeV Pb collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	1.5	210
49	Pion Interferometry of $\sqrt{s_{NN}}=130$ GeV Au+Au Collisions at RHIC. Physical Review Letters, 2001, 87, 082301.	2.9	209
50	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	209
51	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	2.9	205
52	Global polarization of hyperons in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review C, 2018, 98, .	1.1	205
53	Charmonium and $e + e \rightarrow \gamma \gamma$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	1.4	203

#	ARTICLE	IF	CITATIONS
55	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. <i>European Physical Journal C</i> , 2013, 73, 2456.	1.4	202
56	Open Charm Yields in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2005, 94, 062301.	2.9	201
57	Identified particle production, azimuthal anisotropy, and interferometry measurements in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 072301.	1.1	200
58	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010, 68, 89-108.	1.4	199
59	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 072301.	2.9	194
60	Azimuthal Anisotropy at the Relativistic Heavy Ion Collider: The First and Fourth Harmonics. <i>Physical Review Letters</i> , 2004, 92, 062301.	2.9	193
61	Performance of the ALICE VZERO system. <i>Journal of Instrumentation</i> , 2013, 8, P10016-P10016.	0.5	189
62	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 708, 249-264.	2.9	189
63	Harmonic decomposition of two-particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 072301.	1.5	188
64	Beam-Energy Dependence of the Directed Flow of Protons, Antiprotons, and Pions in Au+Au Collisions. <i>Physical Review Letters</i> , 2014, 112, 162301.	2.9	186
65	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 072301.	2.9	184
66	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2016, 116, 222302.	2.9	182
67	Meson Production in Au+Au Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 072301.	2.9	181
68	Production of K^0_S and K^0_L in Au+Au Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2015, 91, .	2.9	180
69	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2006, 97, 162301.	2.9	179
70	Observation of Nuclear Modifications in Au+Au Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2014, 113, 142301.	2.9	179
71	Scaling Properties of Hyperon Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2007, 98, 062301.	2.9	175
72	Azimuthal Anisotropy and Correlations in the Hard Scattering Regime at RHIC. <i>Physical Review Letters</i> , 2003, 90, 032301.	2.9	172

#	ARTICLE	IF	CITATIONS
73	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003	0.5	171
74	Coherent ρ meson production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	171
75	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 022301.	2.9	171
76	Suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2006, 97, 152302.	1.5	171
77	Multiplicity Distribution and Spectra of Negatively Charged Hadrons in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2001, 87, 112303.	2.9	169
78	Centrality, rapidity and transverse momentum dependence of ρ meson 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.	1.5	166
79	Minijet deformation and charge-independent angular correlations on momentum subspace (\hat{t}, \hat{i}) in Au-Au collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review C, 2006, 73, .	1.1	166
80	Forward Neutral Pion Production in p+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2006, 97, 152302.	2.9	166
81	Multistrange Baryon Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2005, 95, 122301.	2.9	164
82	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.	1.5	163
83	Midrapidity Λ and $\bar{\Lambda}$ Production in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2002, 89, 092301.	2.3	161
84	Energy dependence of ρ meson 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.	1.5	161
85	Transverse momentum spectra 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, 2010, 693, 53-68.	1.5	156
86	Transverse momentum spectra 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, 2010, 693, 53-68.	1.5	156
87	Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 53-68.	2.9	155
88	Observation of the antimatter helium-4 nucleus. Nature, 2011, 473, 353-356.	18.7	154
89	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.	1.5	154
90	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	1.4	153

#	ARTICLE	IF	CITATIONS
91	Anisotropic Momentum Distribution and Nuclear Modification Factor of Charged Particles in p - p Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	151
92	$K(892)^*$ resonance production in Au+Au and p - p collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2005, 71, .	1.1	149
93	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
94	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
95	Beam-Energy Dependence of Charge Separation along the Magnetic Field in p - p Collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	2.9	147
96	THERMINATOR: THERMal heavy-IoN generATOR. Computer Physics Communications, 2006, 174, 669-687.	3.0	145
97	THERMINATOR 2: THERMal heavy IoN generATOR 2. Computer Physics Communications, 2012, 183, 746-773.	3.0	143
98	Longitudinal Double-Spin Asymmetry and Cross Section for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2006, 97, 252001.	2.9	141
99	Multistrange Baryon Production in Au-Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2004, 92, 182301.	2.9	140
100	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
101	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
102	Forward Neutral-Pion Transverse Single-Spin Asymmetries in p - p Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	138
103	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	138
104	Centrality dependence of particle production in p - p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	1.1	135
105	Centrality dependence of particle production in p - p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	1.1	135
106	Neutral pion and η meson production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	1.5	133
107	Neutral pion and η meson production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	2.9	131
108	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

#	ARTICLE	IF	CITATIONS
109	Multiparticle azimuthal correlations in p -Pb and Pb-Pb collisions at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2014, 90, .	1.1	130
110	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2016, 93, .	1.1	129
111	Production and Possible Modification in Au+Au and p+p Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2004, 92, 092301.	2.9	127
112	Inclusive charged hadron elliptic flow in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2012, 86, .	1.1	127
113	Production of $\Sigma(1385)^+$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=7.7$ TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	1.4	125
114	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.	1.4	124
115	Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2012, 86, .	1.1	124
116	Azimuthal Anisotropy and Correlations at Large Transverse Momenta in p+Au and Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2004, 93, 252301.	2.9	122
117	Midrapidity Antiproton-to-Proton Ratio from Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 86, 4778-4782.	1.5	122
118	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.	2.9	121
119	Measurements of Λ and $\bar{\Lambda}$ production in relativistic heavy-ion collisions at the BNL Relativistic Heavy Ion Collider (RHIC). <i>Physical Review C</i> , 2009, 79, .	1.6	118
120	Azimuthal Anisotropy of K_S^0 and Λ Production at Midrapidity from Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2002, 89, 132301.	1.1	117
121	Rapidity and transverse momentum dependence of inclusive Λ production in pp collisions at $\sqrt{s}=7.7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	2.9	115
122	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.	1.5	115
123	Mass, quark-number, and $\sqrt{s_{NN}}$ dependence of the second and fourth flow harmonics in ultrarelativistic nucleus-nucleus collisions. <i>Physical Review C</i> , 2007, 75, .	1.6	115
124	Production of $K^*(892)^0$ and $\Lambda(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.1	112
125	Multi-strange baryon production in p-Pb collisions at $\sqrt{s}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 758, 389-401.	1.4	111
126			

#	ARTICLE	IF	CITATIONS
127	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	1.1	110
128	Coherent π^0 Production in Ultrapерipheral Heavy-Ion Collisions. Physical Review Letters, 2002, 89, 272302.	2.9	108
129	Strange Baryon Resonance Production in $\sqrt{s_{NN}} = 200$ GeV $p+p$ and $Au+Au$ Collisions. Physical Review Letters, 2006, 97, 132301.	2.9	108
130	Global polarization measurement in Au+Au collisions. Physical Review C, 2007, 76, .	1.1	107
131	Collision energy dependence of moments of net-kaon multiplicity distributions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 551-560.	1.5	107
132	Third harmonic flow of charged particles in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	1.1	106
133	Global polarization measurement in Au+Au 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
134	System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.	2.9	102
135	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
136	Azimuthal anisotropy of D^0 -meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 90, .	1.1	101
137	Net charge fluctuations in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review C, 2003, 68, .	1.1	100
138	Uniform Description of Soft Observables in Heavy-Ion Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2008, 101, 022301.	2.9	100
139	Photoproduction off Protons in Ultrapерipheral Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	100
140	Polarization in $p+p$ Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	99
141	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.	1.1	97
142	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
143	D^0 production in $p+p$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	1.6	97
144	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	1.4	97

#	ARTICLE	IF	CITATIONS
145	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
146	Production of Muons from Heavy Flavor Decays at Forward Rapidity in pp and Pb-Pb Collisions	2.9	96
147	Narrowing of the Balance Function with Centrality in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2003, 90, 172301	2.9	95
148	Azimuthal Anisotropy at Midrapidity in pp and Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV	2.9	95
149	Meson Production in pp and Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV	2.9	94
150	Femtoscopic correlations in pp collisions at $\sqrt{s_{NN}}=7.4$ TeV at the LHC with two-pion Bose-Einstein correlations. Physical Review D, 2011, 84, .	1.6	93
151	Production as a function of charged particle multiplicity in pp collisions at $\sqrt{s_{NN}}=0.9$ TeV	1.5	93
152	Observation of Charge Asymmetry Dependence of Pion Elliptic Flow and the Possible Chiral Magnetic Wave in Heavy-Ion Collisions. Physical Review Letters, 2015, 114, 252302.	2.9	93
153	J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV	1.5	93
154	Indications of Conical Emission of Charged Hadrons at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 212-224.	1.5	92
155	Indications of Conical Emission of Charged Hadrons at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2009, 102, 052302.	2.9	91
156	Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s_{NN}}=2.76$ TeV	2.9	91
157	Fluctuations of charge separation perpendicular to the event plane and local parity violation in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2012, 86, .	2.9	89
158	Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in $p\bar{p}$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2008, 100, 232003.	2.9	89
159	Observation of an Energy-Dependent Difference in Elliptic Flow between Particles and Antiparticles in Relativistic Heavy Ion Collisions. Physical Review Letters, 2013, 110, 142301.	2.9	89
160	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
161	Production of K^0_S and ϕ in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2016, 76, 245.	1.4	89
162	Multiplicity dependence of light-flavor hadron production in pp collisions at $\sqrt{s_{NN}}=0.16$ TeV. Physical Review C, 2019, 99, .	1.1	89

#	ARTICLE	IF	CITATIONS
163	production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.5	88
164	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
165	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, .	1.5	87
166	Measurement of Inclusive Antiprotons from Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2001, 87, 262302.	2.9	86
168	Midrapidity production in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review C, 2002, 65, .	1.1	86
169	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 106, 252301.	1.1	86
170	Multi-strange baryon production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 295-306.	2.9	86
171	Measurement of the cross section for electromagnetic dissociation with neutron emission in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 106, 252301.	2.9	85
172	Azimuthally Sensitive Hanbury Brown-Twiss Interferometry in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2004, 93, .	2.9	84
175	Incident energy dependence of p correlations at relativistic energies. Physical Review C, 2005, 72, .	1.1	84
176	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	1.5	82
177	Production of charged particles at high transverse momenta in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2009, 80, .	1.1	81
178	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	2.9	80
179	Production of charged particles at high transverse momenta in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2009, 80, .	2.9	80
180	Production of charged particles at high transverse momenta in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2009, 80, .	1.5	80

#	ARTICLE	IF	CITATIONS
181	Correlation Function in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	2.9	80
182	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	2.9	80
183	Production of e^+e^- pairs accompanied by nuclear dissociation in ultraperipheral heavy-ion collisions. Physical Review C, 2004, 70, .	1.1	79
184	Growth of Long Range Forward-Backward Multiplicity Correlations with Centrality in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	2.9	79
185	Transverse-momentum correlations on (\hat{l}, ϕ) from mean-pt fluctuations in Au+Au collisions at GeV. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, L37-L48.	1.4	78
186	Measurement of an Excess in the Yield of $\bar{\Lambda}$ at Very Low p_T in Pb+Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	2.9	77
187	Measurement of the mass difference and the binding energy of the hypertriton and antihypertriton. Nature Physics, 2020, 16, 409-412.	6.5	76
188	Anisotropic flow in Xe+Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.	1.1	76
189	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	0.6	74
190	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	1.1	73
191	Production of $d\bar{A}$ and $3\text{He}\bar{A}$ in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2001, 87, 262301.	2.9	73
192	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
194	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	2.9	72
195	Measurement of interaction between antiprotons. Nature, 2015, 527, 345-348.	1.5	71
196	Measurement of interaction between antiprotons. Nature, 2015, 527, 345-348.	13.7	71
197	Production of deuterons, tritons, and their antinuclei in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2001, 87, 262301.	1.1	71
198	Transverse single-spin asymmetry and cross section for $\bar{\Lambda}$ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2001, 87, 262301.	1.6	70

#	ARTICLE	IF	CITATIONS
199	Precision Measurement of the Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2015, 115, 092002.	2.9	70
200	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 728, 265-275.	2.9	69
201	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	2.9	69
202	Momentum and Angular Distributions from Linearly Polarized Photon Collisions. Physical Review Letters, 2021, 127, 052302.	2.9	69
203	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	2.9	68
204	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
205	Long-range pseudorapidity dihadron correlations in d+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.5	68
206	Centrality dependence of the pseudorapidity density distribution for charged particles in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.5	68
207	Midrapidity Antiproton-to-Proton Ratio in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.5	67
208	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV Measured by the ALICE Experiment. Physical Review Letters, 2010, 105, 072002.	1.5	67
209	Suppression of Λ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.5	67
210	rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.5	67
211	Event-wise Λ fluctuations in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2005, 71, .	1.1	66
212	Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.6	66
213	Beam-Energy Dependence of Directed Flow of Λ in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	2.9	66
214	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66
215	Beam-energy-dependent two-pion interferometry and the freeze-out eccentricity of pions measured in heavy ion collisions at the STAR detector. Physical Review C, 2015, 92, .	1.1	65

#	ARTICLE	IF	CITATIONS
217	Femtосcopy in hydrodynamics-inspired models with resonances. Physical Review C, 2006, 73, .	1.1	64
218	in ultraperipheral relativistic heavy ion collisions at	1.1	64
219	Pair Production in Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in	2.0	64
220	Study of the ρ - ρ Interaction with femtoscopy correlations in Xe-Xe, and Pb-Pb Collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	2.9	64
221	Measurements of transverse energy distributions in Au+Au collisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2004, 70, .	1.5	64
222	Measurement of Longitudinal Spin Asymmetries for Weak Boson Production in Polarized Proton-Proton Collisions at RHIC. Physical Review Letters, 2014, 113, 072301.	1.1	64
223	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	1.1	62
224	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
225	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. Physical Review C, 2019, 100, 014907.	1.5	62
226	Azimuthal dihadron correlations in Au and Au+Au collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	1.1	61
227	Two-pion Bose-Einstein correlations in Au+Au collisions at $\sqrt{s} = 0.9$ to 8 TeV. Physical Review D, 2019, 82, .	1.6	61
228	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
229	First Observation of the Directed Flow of Multiplicity dependence of inclusive spectra from p-p collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2006, 74, .	2.9	61
230	Multiplicity dependence of inclusive spectra from p-p collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2006, 74, .	1.6	60
231	Production of inclusive $\Lambda(15)$ and $\Lambda(25)$ in p+Pb collisions at TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	1.1	60
232	Production of inclusive $\Lambda(15)$ and $\Lambda(25)$ in p+Pb collisions at TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	1.5	60
233	Production of inclusive $\Lambda(15)$ and $\Lambda(25)$ in p+Pb collisions at TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	1.5	60
234	Production of inclusive $\Lambda(15)$ and $\Lambda(25)$ in p+Pb collisions at TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	1.5	60

#	ARTICLE	IF	CITATIONS
235	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = \{2.76, 2.76\}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
237	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
238	Transverse momentum dependence of inclusive primary charged-particle production in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	58
239	Meson production at central rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	58
240	Kaon production and kaon to pion ratio in Au + Au collisions at $\sqrt{s_{NN}} = 130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 143-150.	1.5	57
241	Measurement of charm and bottom meson production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.6	57
242	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 120, 112301.	1.6	56
243	Measurement of charm and bottom meson production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.5	56
244	Directed flow in Au+Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV. Physical Review C, 2006, 73, .	1.1	55
245	Charged and strange hadron elliptic flow in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.1	55
246	Charged and strange hadron elliptic flow in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.1	55
247	Measurements of dielectron production in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV from the STAR experiment. Physical Review C, 2015, 92, .	1.1	55
248	Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	1.1	55
249	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	55
250	Global polarization of hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.1	55
251	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
252	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	1.1	54

#	ARTICLE	IF	CITATIONS
253	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
254	Strange hadron production in Au+Au collisions at $\sqrt{s_{NN}}=11.5, 19.6, 27,$ and 39 GeV. Physical Review C, 2020, 102, .	1.1	54
255	Fluctuations at Relativistic Energies. Physical Review Letters, 2009, 103, 092301.	2.9	53
256	Free-streaming approximation in early dynamics of relativistic heavy-ion collisions. Physical Review C, 2009, 80, .	1.1	53
257	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, .	1.1	53
258	Beam energy dependence of (anti-)deuteron production in Au + Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2019, 99, .	1.1	53
259	$K^*(892)^0$ production in relativistic heavy ion collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2002, 66, .	1.1	52
260	Dielectron Mass Spectra from Au+Au collisions at $\sqrt{s_{NN}}=2.76$ and $2.76 < \sqrt{s_{NN}} < 6.24$ GeV. Physical Review Letters, 2014, 113, 022301.	2.9	52
261	Measurement of elliptic flow of light nuclei at $\sqrt{s_{NN}}=62.4, 39, 27, 19.6, 11.5,$ and 7.7 GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	1.1	52
262	Measurement of the Λ_c^+ lifetime in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2018, 97, .	1.1	52
263	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	1.5	51
264	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and $2.76 < \sqrt{s_{NN}} < 6.24$ GeV. Physical Review C, 2014, 89, .	1.1	51
265	Three-Pion Hanbury Brown-Twiss Correlations in Relativistic Heavy-Ion Collisions from the STAR Experiment. Physical Review Letters, 2003, 91, 262301.	2.9	50
266	$\langle \delta N \delta N \rangle$ -correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	1.1	50
267	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
268	Linear and non-linear flow mode in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ and $2.76 < \sqrt{s_{NN}} < 6.24$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	1.5	50
269	Energy dependence of forward-rapidity $\psi(2S)$ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	1.4	50
270	Pion interferometry in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. Physical Review C, 2009, 80, .	1.1	49

#	ARTICLE	IF	CITATIONS
271	Measurement of charged jet production cross sections and nuclear modification in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 749, 60-81.		49
272	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ TeV and 13.6 TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	49
273	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. <i>Physical Review Letters</i> , 2020, 125, 022301.	2.9	49
274	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	49
275	Jet-Hadron Correlations in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2014, 112, 122301.	2.9	48
276	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	48
277	Proton- \bar{p} correlations in central Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2006, 74, .	1.1	47
278	π -meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2014, 112, 122301.	1.1	47
279	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2015, 115, 022301.	2.9	47
280	Centrality and transverse momentum dependence of π -meson production at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2015, 92, 014904.	1.1	47
281	Production of π -mesons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2014, 112, 122301.	2.9	46
282	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.	1.5	46
283	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, 014904.	1.1	46
284	Balance functions in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2015, 92, 014904.	1.1	45
285	Nonphotonic electron production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 052301.	1.6	45
286	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2012, 86, .	1.1	45
287	Light vector meson production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 710, 557-568.	1.5	45
288	Freeze-out radii extracted from three-pion cumulants in pp , Pb-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.	1.5	45

#	ARTICLE	IF	CITATIONS
289	Forward-central two-particle correlations in pae Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV $\langle \cos(\phi_1 - \phi_2) \rangle$		45
290	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV $v_2\{2\}$	2.9	45
291	Baryon Production in Spinalignment measurements of the $\langle \cos(\phi_1 - \phi_2) \rangle$ $\langle \cos(\phi_1 - \phi_2) \rangle$	2.9	45
292	Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td		

#	ARTICLE	IF	CITATIONS
307	Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector. Journal of Instrumentation, 2014, 9, P11003-P11003.	0.5	40
308	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
309	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, 373-385.	1.5	40
310	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
311	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
312	Strange antiparticle-to-particle ratios at mid-rapidity in $\sqrt{s_{NN}} = 130$ GeV Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 567, 167-174.	1.5	39
313	Two-pion femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	1.1	39
314	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	1.4	39
315	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
316	Production of $\psi(2S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 102, 112301.	2.9	38
317	Observation of two-source interference in the photoproduction reaction $\gamma p \rightarrow \psi(2S) p$. Physical Review Letters, 2009, 102, 112301.	2.9	38
318	Measurement of the nuclear modification factor R_{pA} for $\psi(2S)$ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 102, 112301.	2.9	38
319	Coherent $\psi(2S)$ production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	1.6	38
320	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
321	Measurement of the nuclear modification factor R_{pA} for $\psi(2S)$ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 102, 112301.	2.9	38
322	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
323	Evidence of rescattering effects in $\psi(2S)$ production in Pb-Pb collisions at the LHC through production of K^0_S . Physical Review Letters, 2015, 751, 358-370.	1.6	38
324	Pion-Kaon Correlations in Central Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV. Physical Review Letters, 2003, 91, 262302.	2.9	37

#	ARTICLE	IF	CITATIONS
325	Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at $\sqrt{s} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	1.6	37
326	Pion femtoscopy in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	1.1	37
327	Direct virtual photon production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	1.5	37
328	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	1.5	37
329	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	2.9	37
330	Soft heavy-ion physics from hydrodynamics with statistical hadronization: Predictions for collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2008, 78, .	1.1	36
331	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
332	Jet-like correlations with direct-photon and neutral-pion triggers at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 689-696.	1.5	36
333	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	1.1	36
334	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	1.1	36
335	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	1.4	36
336	Azimuthal Harmonics in Small and Large Collision Systems at RHIC Top Energies. Physical Review Letters, 2019, 122, 172301.	2.9	36
337	Investigation of the Λ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	1.5	36
338	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2006, 74, .	1.1	35
339	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2014, 89, .	1.6	35
340	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	1.6	35
341	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
342	Direct photon elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 308-322.	1.1	35

#	ARTICLE	IF	CITATIONS
343	<p>Chiral-odd number nonconservation encoded in net-proton fluctuations measured in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564.</p> <p>Pseudorapidity asymmetry and centrality dependence of charged hadron spectra in d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2004, 70, .</p>	1.5	35
344	Directed Flow of Identified Particles in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 202301.	2.9	34
345	Energy dependence of exclusive 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
346	Energy dependence of exclusive ψ photoproduction off protons in ultra-peripheral p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	34
347	The energy dependence of angular correlations inferred from mean-pT fluctuation scale dependence in heavy ion collisions at the SPS and RHIC. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 451-465.	1.4	33
348	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
349	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.	1.6	33
350	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, 754, 81-93.	1.5	33
351	Harmonic decomposition of three-particle azimuthal correlations at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2018, 98, .	1.1	33
352	Beam Energy Dependence of Jet-Quenching Effects in Au+Au Collisions at $\sqrt{s_{NN}} = 7.7, 11.5, 14.5, 19.6, 27, 39,$ and 62.4 GeV. Physical Review Letters, 2018, 121, 032301.	2.9	33
353	Production of beauty in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 108, 202301.	1.1	32
354	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 0.9, 2.76, 7.7, 11.5, 14.5, 19.6, 27, 39,$ and 62.4 GeV. Physical Review Letters, 2018, 121, 032301.	1.1	32
355	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7.7, 11.5, 14.5, 19.6, 27, 39,$ and 62.4 GeV. European Physical Journal C, 2012, 72, 1.	1.4	32
356	Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 108, 202301.	1.5	32
357	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 0.9, 2.76, 7.7, 11.5, 14.5, 19.6, 27, 39,$ and 62.4 GeV. Physical Review Letters, 2018, 121, 032301.	1.5	32
358	Coherent diffractive photoproduction of mesons on gold nuclei at 200 GeV/nucleon-pair at the Relativistic Heavy Ion Collider. Physical Review C, 2017, 96, .	1.1	32
359	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7,$ and 8 TeV. European Physical Journal C, 2017, 77, 1.	1.4	32

#	ARTICLE	IF	CITATIONS
361	Particle production geometry from net-charge angular correlations on momentum subspace $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl_struct="http://www.elsevier.com/xml/journal/table/dtd" table_struct="tbl_struct" > </tbl_struct>$	1.5	31
362	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.	1.6	31
363	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	1.4	31
364	Centrality dependence of charged jet production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	1.4	31
365	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.	1.4	31
366	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	31
367	Collision-energy dependence of second-order off-diagonal and diagonal cumulants of net-charge, net-proton, and net-kaon multiplicity distributions in Au-Au collisions. Physical Review C, 2019, 100, .	1.1	31
368	Azimuthally sensitive femtoscopy in hydrodynamics with statistical hadronization from the BNL Relativistic Heavy Ion Collider to the CERN Large Hadron Collider. Physical Review C, 2009, 79, .	1.1	30
369	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
370	Coherent π^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
371	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
372	Pseudorapidity dependence of the anisotropic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 762, 376-388.	1.5	30
373	Energy dependence of B production in Au-Au collisions at high energy. Physics Letters, Section B: Nuclear, Particle and High Energy Physics, 2011, 704, 467-473.	1.5	29
374	Longitudinal double-spin asymmetry for inclusive jet and dijet production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2020, 101, .	1.6	30
375	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 467-473.	1.5	29
376	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	1.2	29
377	Measurements of inclusive jet spectra in central and central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 101, .	1.1	29
378	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, .	1.1	28

#	ARTICLE	IF	CITATIONS
379	System size and energy dependence of near-side dihadron correlations. <i>Physical Review C</i> , 2012, 85, .	1.1	28
380	Extracting baryon-antibaryon strong-interaction potentials from femtosopic correlation functions. <i>Physical Review C</i> , 2014, 89, .	1.1	28
381	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	28
382	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. <i>European Physical Journal C</i> , 2017, 77, 339.	1.4	28
383	Constraints on jet quenching in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 783, 95-113.	1.5	28
384	π suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 89-101.	1.5	28
385	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, .	1.6	27
386	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, .	1.6	27
387	Exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review D</i> , 2018, 97, .	1.5	27
388	Azimuthal transverse single-spin asymmetries of inclusive jets and charged pions within jets from polarized-proton collisions at $\sqrt{s_{NN}} = 500$ GeV. <i>Physical Review D</i> , 2018, 97, .	1.6	27
389	Multiplicity dependence of light (anti-)nucleon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 810, 135758.	1.5	27
390	Pion kaon and proton femtoscopy in Pb-Pb collisions at midrapidity. <i>Physical Review C</i> , 2014, 90, .	1.5	27
391	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2012, 86, .	1.1	26
392	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2012, 86, .	1.5	26
393	Di-electron spectrum at mid-rapidity in Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2012, 86, .	1.1	25
394	Di-electron spectrum at mid-rapidity in Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2012, 86, .	1.1	25
395	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review D</i> , 2015, 91, .	2.9	25
396	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review D</i> , 2015, 91, .	1.6	25

#	ARTICLE	IF	CITATIONS
415	Correlation measurements between flow harmonics in Au+Au collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 459-465. Measurement of inclusive J/ψ suppression in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV	1.5	22
416	Directed and elliptic flow of charged particles in Cu+Cu collisions at $\sqrt{s_{NN}}=200$ GeV	1.5	22
417	Yield at Very Low Transverse Momenta in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV	2.9	22
418	Multiplicity dependence of $K^*(892)0$ and $\bar{K}^*(1020)$ production in pp collisions at $\sqrt{s_{NN}}=200$ GeV.	1.5	22
419	Efficient and robust calculation of femtosopic correlation functions in spherical harmonics directly from the raw pairs measured in heavy-ion collisions. Physical Review C, 2009, 80, .	1.1	21
420	Directed and elliptic flow of charged particles in Cu+Cu collisions at $\sqrt{s_{NN}}=200$ GeV	1.1	21
421	Beam-energy dependence of charge balance functions from Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2014, 89, .	1.1	21
422	Beam-energy dependence of charge balance functions from Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	1.1	21
423	$\bar{K}^*(1020)$ production in U + U collisions at $\sqrt{s_{NN}}=200$ GeV measured with the STAR experiment. Physical Review C, 2016, 94, .	1.1	21
424	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV.	1.1	21
425	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV.	1.1	21
426	Longitudinal scaling property of the charge balance function in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV.	1.5	20
427	$\bar{K}^*(1020)$ cross section in p+pcollisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2010, 82, .	1.6	20
428	$\bar{K}^*(1020)$ photoproduction in AuAu collisions at $\sqrt{s_{NN}}=200$ GeV measured with the STAR detector. Physical Review C, 2012, 85, .	1.1	20
429	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
430	Dijet imbalance measurements in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV and p+pcollisions at $\sqrt{s_{NN}}=200$ GeV	2.9	20
431	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
432	Production of the $\bar{K}^*(1020)$ meson in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV.	1.1	20

#	ARTICLE	IF	CITATIONS
433	Suppression of $\langle \mathbf{p}_T \rangle$ and $Z(\frac{1}{2}\hat{\alpha}^* \hat{\alpha}^T e^+ e^-)$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s}=500$ GeV. Physical Review D, 2012, 85, .	1.1	20
434	Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135227.	1.5	20
435	Rapidity and centrality dependence of proton and antiproton production from Au197+Au197 collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2004, 70, .	1.1	19
436	Photon and neutral pion production in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2004, 70, .	1.1	19
437	Strangelet search in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 76, .	1.1	19
438	Measurement of the $W^+ \hat{e}_1^{\frac{1}{2}}$ and $Z(\frac{1}{2}\hat{\alpha}^* \hat{\alpha}^T e^+ e^-)$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s}=500$ GeV. Physical Review D, 2012, 85, .	1.6	19
439	Measurement of dijet $\langle \mathbf{p}_T \rangle$ and $Z(\frac{1}{2}\hat{\alpha}^* \hat{\alpha}^T e^+ e^-)$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s}=500$ GeV. Physical Review D, 2012, 85, .	1.5	19
440	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
441	Charge-Dependent Directed Flow in Cu+Cu and Au+Au Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2017, 118, 012301.	2.9	19
442	Transverse spin-dependent azimuthal correlations of charged pion pairs measured in p+Au collisions at $\sqrt{s_{NN}}=500$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 332-339.	1.5	19
443	Collision-energy dependence of transverse spin-dependent azimuthal correlations in Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2019, 99, .	1.1	19
444	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
445	Measurement of $\langle \mathbf{p}_T \rangle$ and $Z(\frac{1}{2}\hat{\alpha}^* \hat{\alpha}^T e^+ e^-)$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s}=500$ GeV. Physical Review D, 2012, 85, .	1.6	18
446	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	18
447	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.	1.9	18
448	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
449	Elliptic flow of electrons from heavy-flavor hadron decays in Au+Au collisions at $\sqrt{s_{NN}}=200, 62.4,$ and 39 GeV. Physical Review C, 2017, 95, .	1.1	18
450	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	2.9	18

#	ARTICLE	IF	CITATIONS
451	Measurement of prompt D^0 , D^+ , D^{*+} , and D^* production in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
452	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Nuclear Instruments and Methods in Physics Research, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	1.5	18
453	Bulk properties of the system formed in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2020, 101, .	1.1	18
454	Coherent ψ and ψ' photoproduction at midrapidity in ultra-peripheral $Pb\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	18
455	The STAR silicon strip detector (SSD). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 652-658.	0.7	17
456	Longitudinal spin transfer to Λ and Λ^0 hyperons in polarized proton-proton collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2010, 81, .	1.6	17
457	Energy dependence of K^0_S , π^0 , and K^0_L fluctuations in $A\text{-A}$ collisions from $\sqrt{s_{\text{NN}}} = 7.7$ to 200 GeV. Physical Review C, 2015, 92, .	1.1	17
458	Centrality dependence of $\tilde{r}(2S)$ suppression in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
459	The ALICE Transition Radiation Detector: Construction, operation, and performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 881, 88-127.	0.7	17
460	Analysis of the apparent nuclear modification in peripheral $Pb\text{-Pb}$ collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	1.5	17
461	Observation of \tilde{r} production in ultraperipheral heavy-ion collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2010, 81, .	1.1	17
462	Nonidentical-particle femtoscopy at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2010, 81, .	1.1	16
463	Prompt and non-prompt ψ/ψ' production and nuclear modification at mid-rapidity in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	16
464	Event-Shape Engineering for the D-meson elliptic flow in mid-central $Pb\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	16
465	Production of (anti-)He3 and (anti-)H3 in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2020, 101, .	1.1	16
466	System size dependence of associated yields in hadron-triggered jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	1.5	15
467	Freeze-out dynamics via charged kaon femtoscopy in central $A\text{-A}$ collisions. Physical Review C, 2013, 88, .	1.1	15
468			

#	ARTICLE	IF	CITATIONS
469	Relative particle yield fluctuations in $\sqrt{s_{\text{NN}}} = 2.76$ Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	15
470	$K^*(892)0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at $s=8$ TeV. Physical Review C, 2020, 102, .	1.1	15
471	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
472	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
473	Two-particle correlations on transverse momentum and momentum dissipation in Au-Au collisions at $\sqrt{s_{\text{NN}}} = 130$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 799-816.	1.4	14
474	Non-identical particle femtoscopy in models with single freeze-out. Brazilian Journal of Physics, 2007, 37, 917-924.	0.7	14
475	First measurement of $\bar{\Lambda}$ production in pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.4	14
476	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	3.0	14
477	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.4	14
478	Status of the MPD Experiment at JINR. Journal of Physics: Conference Series, 2020, 1602, 012021.	0.3	14
479	J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
480	Measurement of strange baryon-antibaryon interactions with femtoscopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	1.5	14
481	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
482	Publisher's Note: $d\bar{A}$ and $3\text{He}\bar{A}$ Production in $\sqrt{s_{\text{NN}}} = 130$ GeV Au+Au Collisions [Phys. Rev. Lett. 87, 262301 (2001)]. Physical Review Letters, 2001, 87, .	2.9	13
483	Rapidity and species dependence of particle production at large transverse momentum for Au+Au collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.1	13
484	Signatures of collective flow in high-multiplicity pp collisions. Physical Review C, 2011, 84, .	1.1	13
485	Experimental studies of di-jet survival and surface emission bias in Au+Au collisions via angular correlations with respect to back-to-back leading hadrons. Physical Review C, 2011, 83, .	1.1	13
486	J/ψ production at low transverse momentum in p+pp and Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review C, 2016, 93, .	1.1	13

#	ARTICLE	IF	CITATIONS
487	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
488	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	2.9	13
489	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
490	Neutral pion and $\hat{1}$ -meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2018, 98, .	1.1	13
491	Longitudinal double-spin asymmetries for dijet production at intermediate pseudorapidity in polarized p-p collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2018, 98, .	1.6	13
492	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	13
493	Measurement of inclusive charged-particle jet production in Au-Au collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2020, 102, .	1.1	13
494	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	2.9	13
495	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
496	Strangeness in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}}=130$ GeV observed with the STAR detector. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1535-1542.	1.4	12
497	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. Nuclear Physics A, 2010, 832, 134-147.	0.6	12
498	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
499	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
500	J/ψ production as a function of charged-particle pseudorapidity density in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-104.	1.9	12
501	Elementary particle and hyperons in polarized proton-proton collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2018, 121, 112301.	1.6	12
502	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. European Physical Journal C, 2019, 79, .	1.4	12
503	Measuring K^0_S production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	1.9	12
504	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

#	ARTICLE	IF	CITATIONS
505	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02, 7$ and 13 TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	12
506	Di-hadron correlations with identified leading hadrons in 200 GeV Au + Au and d + Au collisions at STAR. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 751, 233-240.	1.5	11
507	Flow and nonflow correlations by two- and four-particle cumulant measurements of azimuthal harmonics in Au+Au collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 745, 40-47.	1.5	11
508	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	11
509	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 505-518.	1.6	11
510	Beam energy dependence of net- \hat{p} fluctuations measured by the STAR experiment at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2020, 102, .	1.1	11
511	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	11
512	\hat{p} production in Pb collisions at $\sqrt{s} = 8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 806, 135486.	1.5	11
513	Underlying event measurements in p+p collisions at $s = 200$ GeV at RHIC. <i>Physical Review D</i> , 2020, 101, .	1.6	11
514	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	11
515	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	11
516	\hat{p} polarization in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 806, 135486.	1.5	10
517	Measurement of D-meson production versus multiplicity in p-Pb collisions at $s_{NN} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	10
518	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review C</i> , 2017, 96, 014905.	1.1	10
519	\hat{p} production at mid-rapidity in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 806, 135486.	1.6	10
520	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. <i>Physical Review C</i> , 2019, 100, .	1.1	10
521	Measurement of the central exclusive production of charged particle pairs in proton-proton collisions at $\sqrt{s} = 200$ GeV with the STAR detector at RHIC. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	10
522	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	10

#	ARTICLE	IF	CITATIONS
523	Non-identical particle correlations in 130 and 200 A GeV collisions at STAR. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1059-S1063.	1.4	9
524	Centrality and pseudorapidity dependence of charged hadron production at intermediate pT in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2004, 70, .	1.1	9
525	System-size dependence of transverse momentum correlations at $\sqrt{s_{NN}}=200$ GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 87, .	1.1	9
526	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
527	Longitudinal double-spin asymmetries for Λ baryons in the forward direction for 510 GeV polarized pp collisions. Physical Review D, 2018, 98, .	1.6	9
528	Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
529	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	9
530	Measurement of inclusive Λ polarization in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review D, 2013, 87, .	1.6	9
531	Femtoscopy of Pb-Pb and pp collisions at the LHC with the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124008.	1.4	8
532	Λ -meson production at forward rapidity in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV and in pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and Hadron Physics, 2013, 325, 107-110.	1.6	8
533	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	2.9	8
534	Inclusive Λ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
535	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	0.5	8
536	Measurement of charged jet cross section in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review D, 2019, 100, .	1.6	8
537	Measurement of the inclusive isolated photon production cross section in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review D, 2019, 100, .	1.1	8
538	Measurement of the inclusive isolated photon production cross section in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	8
539	Exploring lifetime effects in femtoscopy. Physical Review C, 2007, 76, .	1.1	7
540	Three-dimensional two-pion source image from p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review D, 2013, 87, .	1.5	7

#	ARTICLE	IF	CITATIONS
541	Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 90, .		
542	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
543	Measurement of the longitudinal spin transfer to hyperons in polarized proton-proton collisions. Physical Review Letters, 2018, 120, 102301.	1.6	7
544	Beam energy dependence of rapidity-even dipolar flow in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 26-32.	1.5	7
545	Measurement of Z0-boson production at large rapidities in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	1.5	7
546	Measurement of jet radial profiles in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	1.5	7
547	Measurement of the (anti)- ^3He elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2018, 120, 102301.	1.1	7
548	Measurement of the (anti)- ^3He elliptic flow in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2018, 120, 102301.	1.5	7
549	Non-identical Particle Correlation Analysis in the Presence of Non-femtoscopic Correlations. Acta Physica Polonica B, 2017, 48, 717.	0.3	7
550	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	7
551	Production of muons 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, 2017, 770, 459-472.		6
552	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
553	Dielectron production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
554	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	6
555	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, 2020, 804, 135375.	1.5	6
556	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	6
557	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
558	An update from STAR using strangeness to probe relativistic heavy ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S61-S73.	1.4	5

#	ARTICLE	IF	CITATIONS
559	Describing transverse dynamics and space-time evolution at RHIC in a hydrodynamic model with statistical hadronization. Nuclear Physics A, 2009, 830, 821c-824c.	0.6	5
560	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV pPb collisions. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
561	Beam-energy dependence of identified two-particle angular correlations in $\sqrt{s}=0.77$ GeV Au+Au collisions. Physical Review C, 2020, 101, .	1.1	5
562	Measurements of dihadron correlations relative to the event plane in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ GeV. Chinese Physics C, 2021, 45, 044002.	1.5	5
563	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
564	Z-boson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
565	Forward h production and nuclear stopping power in $\sqrt{s_{\mathrm{NN}}}=2.76$ GeV Au+Au collisions. Physical Review C, 2013, 87, .	1.1	4
566	Experimental studies of di-jets in Au+Au collisions using angular correlations with respect to back-to-back leading hadrons. Physical Review C, 2013, 87, .	1.1	4
567	Charged-to-neutral correlation at forward rapidity in Au + Au collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ GeV. Physical Review C, 2015, 91, .	1.1	4
568	Pion-kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV modeled in (3+1)D hydrodynamics coupled to the Therminator 2 code, and the effect of delayed kaon emission. Physical Review C, 2018, 98, .	1.1	4
569	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	1.5	4
570	MCORd - MPD Cosmic Ray Detector a new features. EPJ Web of Conferences, 2019, 204, 07016.	0.1	4
571	Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
572	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
573	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
574	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2020, 101, .	1.1	4
575	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
576	Centrality dependence of J/ψ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4

#	ARTICLE	IF	CITATIONS
577	Production of Ω mesons in pp collisions at $\sqrt{s}=7, \text{ext}\{\text{TeV}\}$. European Physical Journal C, 2020, 80, 1.	1.4	4
578	Transverse-momentum dependent modification of dynamic texture in central Au+Au collisions at $\sqrt{s_{NN}}=200\text{GeV}$. Physical Review C, 2005, 71, .	1.1	3
579	Non-Identical Particle Femtoscopy in Heavy-Ion Collisions. AIP Conference Proceedings, 2006, , .	0.3	3
580	Solution of the RHIC HBT puzzle with Gaussian initial conditions. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 064067.	1.4	3
581	Operation and calibration of the Silicon Drift Detectors of the ALICE experiment during the 2008 cosmic ray data taking period. Journal of Instrumentation, 2010, 5, P04004-P04004.	0.5	3
582	Near-side azimuthal and pseudorapidity correlations using neutral strange baryons and mesons in Au+Au collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$, Cu + Cu, and Au + Au collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physical Review C, 2016, 94, .	1.1	3
583	ϕ meson production at forward rapidity in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. European Physical Journal C, 2018, 78, 1.	1.4	3
584	Constraining the initial conditions and temperature dependent viscosity with three-particle correlations in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 81-88.	1.5	3
585	Three-particle multiplicity correlations in Au+Au collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ and Pb+Pb collisions. Physical Review C, 2020, 102, .	1.1	3
586	The MPD Experiment and JINR: construction status and physics performance. Nuclear Physics A, 2021, 1005, 122006.	0.6	3
587	Extracting Femtosopic Radii in the Presence of Significant Additional Correlation Sources. Acta Physica Polonica B, 2014, 45, 1993.	0.3	2
588	Obtaining femtoscopy results in models with resonances. Brazilian Journal of Physics, 2007, 37, 726-728.	0.7	2
589	Charged-particle multiplicity fluctuations in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. European Physical Journal C, 2021, 81, 1.	1.4	2
590	Measuring the Size and Dynamics of Heavy Ion Collisions with Femtoscopy. Acta Physica Polonica B, 2014, 45, 2395.	0.3	1
591	How to measure the size of the quark-gluon plasma? And why is it important?. Proceedings of SPIE, 2015, , .	0.8	1
592	Influence of quantum conservation laws on particle production in hadron collisions. Nuclear Physics A, 2016, 956, 886-889.	0.6	1
593	STAR Collaboration. Nuclear Physics A, 2016, 956, 971-974.	0.6	1
594	Measuring baryon-(anti)-baryon interaction cross-sections with femtoscopy in Heavy-Ion Collisions. Nuclear Physics A, 2016, 956, 385-388.	0.6	1

#	ARTICLE	IF	CITATIONS
595	STAR Collaboration. Nuclear Physics A, 2017, 967, 1007-1010.	0.6	1
596	STAR Collaboration. Nuclear Physics A, 2019, 982, 1063-1066.	0.6	1
597	Status and promise of particle interferometry in heavy-ion collisions. Brazilian Journal of Physics, 2007, 37, xxxi-xxxiv.	0.7	1
598	Overview of Baryon Femtoscopy in the ALICE Experiment. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 519.	0.0	1
599	\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
600	Conceptual design report of the MPD Cosmic Ray Detector (MCORD). Journal of Instrumentation, 2021, 16, P11035.	0.5	1
601	Non-Identical Particle Correlations in STAR. Acta Physica Hungarica A Heavy Ion Physics, 2004, 21, 315-320.	0.4	0
602	Underlying event background in two-pion correlations in p + p Collisions at $\sqrt{s} = 0.9$ and 7 TeV. Physics of Particles and Nuclei Letters, 2011, 8, 888-890.	0.1	0
603	Femtoscopy at the LHC. EPJ Web of Conferences, 2014, 71, 00069.	0.1	0
604	STAR Collaboration. Nuclear Physics A, 2014, 932, 634-637.	0.6	0
605	STAR Collaboration. Nuclear Physics A, 2014, 931, 1237-1240.	0.6	0
606	Baryon femtoscopy considering residual correlations as a tool to extract strong interaction potentials. EPJ Web of Conferences, 2015, 95, 04064.	0.1	0
607	Connections between femtoscopy results in small and large systems. , 2016, , .		0
608	Recent femtoscopy results from ALICE. EPJ Web of Conferences, 2017, 141, 01012.	0.1	0
609	Transverse velocity dependence of pion-kaon correlations at LHC energies. Proceedings of SPIE, 2017, , .	0.8	0
610	Emission Asymmetry and Time Delays in Non-identical Particle Femtoscopy. Acta Physica Polonica B, Proceedings Supplement, 2019, 12, 289.	0.0	0
611	The cosmic ray detector for the NICA collider. EPJ Web of Conferences, 2020, 239, 07004.	0.1	0