

# Grigory Feofilov

## List of Publications by Year in descending order

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Version: 2024-02-01

398  
papers

24,721  
citations

4658

85  
h-index

9589

142  
g-index

402  
all docs

402  
docs citations

402  
times ranked

8140  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	1.2	811
2	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	7.8	659
3	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 726, 164-177.	4.1	561
4	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	7.8	507
5	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
6	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 107, 032301.	7.8	482
7	Production of $K^0_S$ and $K^0_L$ mesons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	2.9	465
8	ALICE: Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	3.6	441
9	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	4.1	433
10	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
11	Multiplicity dependence of pion, kaon, proton and lambda production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	4.1	307
12	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	4.1	301
13	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	7.8	296
14	Production of $\Lambda$ baryons 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.	7.8	270
15	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	2.9	267
16	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	4.1	235
17	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	4.1	235
18	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228

#	ARTICLE	IF	CITATIONS
19	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
20	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	7.8	210
21	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900\text{ GeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
22	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review Letters, 2013, 110, 012301.	7.8	208
23	Charmonium and $e+e\hat{e}$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . European Physical Journal C, 2013, 73, 2617.	3.9	203
24	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456.	3.9	202
25	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9\text{ and }2.36\text{ TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	3.9	199
26	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review Letters, 2012, 109, 072301.	7.8	194
27	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	1.2	189
28	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 198-207.	7.8	189
29	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review Letters, 2012, 708, 249-264.	4.1	188
30	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review Letters, 2012, 109, 252301.	7.8	184
31	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review Letters, 2016, 116, 222302.	7.8	182
32	Production of $K^0_S$ and $K^0_L$ mesons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review C, 2015, 91, .	7.8	180
33	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	1.2	171
34	Coherent $\eta$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review Letters, 2012, 109, 252301.	4.1	171
35	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Centrality, rapidity and transverse-momentum dependence of $\eta$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review Letters, 2012, 109, 252301.	7.8	171
36	Suppression in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ . Physical Review C, 2015, 91, .	4.1	171

#	ARTICLE	IF	CITATIONS
37	NA61/SHINE facility at the CERN SPS: beams and detector system. Journal of Instrumentation, 2014, 9, P06005-P06005.	1.2	170
38	Direct photon production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	163
39	Transverse momentum spectra of charged particles in proton-pion collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	156
40	Transverse momentum spectra of charged particles in proton-pion collisions at $\sqrt{s} = 2.76$ TeV with ALICE at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	156
41	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	7.8	155
42	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	7.8	154
43	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	3.6	153
44	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2011, 84, .	7.8	151
45	Measurement of pion, kaon and proton production in proton-pion collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
46	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
47	Measurements of cross sections and charged pion spectra in proton-carbon interactions at 31 GeV. Physical Review C, 2011, 84, .	2.9	142
48	Strange particle production in proton-pion collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	140
49	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	139
50	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	7.8	138
51	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	2.9	135
52	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	2.9	135
53	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	4.1	133
54	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.	4.1	130

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55	Multiparticle azimuthal correlations in $p$ -Pb and Pb-Pb collisions at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2014, 90, .	2.9	130
56	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, .	2.9	129
57	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=7.69$ TeV. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	125
58	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. <i>European Physical Journal C</i> , 2010, 65, 111-125.	3.9	124
59	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	118
60	Rapidity and transverse momentum dependence of inclusive $p$ production in pp collisions at $\sqrt{s}=7.69$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.1	115
61	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	115
62	Production of $\Lambda(1520)$ and $\Sigma(1385)^{\pm}$ in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	111
63	Multi-strange baryon production in p-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review C</i> , 2020, 101, 034907.	2.9	111
64	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review C</i> , 2020, 101, 034907.	2.9	110
65	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. <i>European Physical Journal C</i> , 2013, 73, 2662.	4.1	105
66	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. <i>European Physical Journal C</i> , 2013, 73, 2662.	3.9	101
67	Azimuthal anisotropy of meson production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review C</i> , 2012, 85, 054907.	2.9	101
68	Exclusive photoproduction of protons in ultraperipheral Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	7.8	100
69	Polarization in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review C</i> , 2012, 85, 054907.	7.8	99
70	Enhancement of hyperon production at central rapidity in 158 AGeV/c Pb-Pb collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006, 32, 427-441.	3.6	98
71	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	7.8	97
72	Upgrade of the ALICE Experiment: Letter Of Intent. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 087001.	3.6	97

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73	Production of Muons from Heavy Flavor Decays at Forward Rapidity in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	7.8	96
74	Measurement of Prompt Meson Production in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	7.8	94
75	Femtoscopic study of charged pion, kaon, and (anti)proton production at large transverse momentum in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	93
76	Production of $K^0_S$ and $K^0_L$ mesons in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2016, 76, 245.	4.1	93
77	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.1	93
78	Suppression of light-flavor hadron production in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	4.1	92
79	Measurement of quarkonium production at forward rapidity in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
80	Production of $K^0_S$ and $K^0_L$ mesons in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
81	Multiplicity dependence of light-flavor hadron production in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	2.9	89
82	Inclusive production of $K^0_S$ and $K^0_L$ mesons in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	4.1	88
83	Transverse momentum dependence of D-meson production in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88
84	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, .	2.9	87
85	Measurement of production properties of positively charged kaons in proton-carbon interactions at 31 GeV. Physical Review C, 2012, 85, .	2.9	86
86	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	2.9	86
87	Multiplicity dependence of $K^0_S$ and $K^0_L$ meson production in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	2.9	86
88	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, .	2.9	86
89	Measurement of negatively charged pion spectra in inelastic $p+p$ interactions at $\sqrt{s_{lab}} = 20, 31, 40, 80$ and $158$ GeV/c. European Physical Journal C, 2014, 74, 1.	3.9	83
90	Measurements of $\pi^{\pm}$ , $K^{\pm}$ , $p$ and $\bar{p}$ . European Physical Journal C, 2017, 77, 1.	3.9	83

#	ARTICLE	IF	CITATIONS
91	Pseudorapidity and transverse-momentum distributions of charged particles in protonâ€“proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
92	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	7.8	80
93	Measurements of $\Lambda$ , $\Sigma$ , $\Xi$ , $\Xi'$ , $\Lambda_c$ , $\Sigma_c$ , $\Xi_c$ , $\Xi_c'$ and proton production in protonâ€“carbon interactions at 31 AGeV/c with the NA61/SHINE spectrometer at the CERN. Measurement of an Excess in the Yield of $\Lambda$ and $\Sigma$ Hyperons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	3.9	78
94	Measurement of an Excess in the Yield of $\Lambda$ and $\Sigma$ Hyperons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	7.8	77
95	Production of $^4\text{He}$ and $^4\text{He}'$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	4.1	76
96	Production of $^4\text{He}$ and $^4\text{He}'$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	1.5	74
97	Neutral pion production at midrapidity in pp and Pbâ€“Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
98	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
99	Energy dependence of hyperon production in nucleusâ€“nucleus collisions at SPS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 68-74.	4.1	71
100	The MPD detector at the NICA heavy-ion collider at JINR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 99-102.	1.6	71
101	Production of deuterons, tritons, $^3\text{He}$ , $^3\text{He}'$ , $^4\text{He}$ , $^4\text{He}'$ , $^6\text{Li}$ , $^6\text{Li}'$ , $^7\text{Li}$ , $^7\text{Li}'$ , $^8\text{Li}$ , $^8\text{Li}'$ , $^9\text{Li}$ , $^9\text{Li}'$ , $^{10}\text{Li}$ , $^{10}\text{Li}'$ , $^{11}\text{Li}$ , $^{11}\text{Li}'$ , $^{12}\text{Li}$ , $^{12}\text{Li}'$ , $^{13}\text{Li}$ , $^{13}\text{Li}'$ , $^{14}\text{Li}$ , $^{14}\text{Li}'$ , $^{15}\text{Li}$ , $^{15}\text{Li}'$ , $^{16}\text{Li}$ , $^{16}\text{Li}'$ , $^{17}\text{Li}$ , $^{17}\text{Li}'$ , $^{18}\text{Li}$ , $^{18}\text{Li}'$ , $^{19}\text{Li}$ , $^{19}\text{Li}'$ , $^{20}\text{Li}$ , $^{20}\text{Li}'$ , $^{21}\text{Li}$ , $^{21}\text{Li}'$ , $^{22}\text{Li}$ , $^{22}\text{Li}'$ , $^{23}\text{Li}$ , $^{23}\text{Li}'$ , $^{24}\text{Li}$ , $^{24}\text{Li}'$ , $^{25}\text{Li}$ , $^{25}\text{Li}'$ , $^{26}\text{Li}$ , $^{26}\text{Li}'$ , $^{27}\text{Li}$ , $^{27}\text{Li}'$ , $^{28}\text{Li}$ , $^{28}\text{Li}'$ , $^{29}\text{Li}$ , $^{29}\text{Li}'$ , $^{30}\text{Li}$ , $^{30}\text{Li}'$ , $^{31}\text{Li}$ , $^{31}\text{Li}'$ , $^{32}\text{Li}$ , $^{32}\text{Li}'$ , $^{33}\text{Li}$ , $^{33}\text{Li}'$ , $^{34}\text{Li}$ , $^{34}\text{Li}'$ , $^{35}\text{Li}$ , $^{35}\text{Li}'$ , $^{36}\text{Li}$ , $^{36}\text{Li}'$ , $^{37}\text{Li}$ , $^{37}\text{Li}'$ , $^{38}\text{Li}$ , $^{38}\text{Li}'$ , $^{39}\text{Li}$ , $^{39}\text{Li}'$ , $^{40}\text{Li}$ , $^{40}\text{Li}'$ , $^{41}\text{Li}$ , $^{41}\text{Li}'$ , $^{42}\text{Li}$ , $^{42}\text{Li}'$ , $^{43}\text{Li}$ , $^{43}\text{Li}'$ , $^{44}\text{Li}$ , $^{44}\text{Li}'$ , $^{45}\text{Li}$ , $^{45}\text{Li}'$ , $^{46}\text{Li}$ , $^{46}\text{Li}'$ , $^{47}\text{Li}$ , $^{47}\text{Li}'$ , $^{48}\text{Li}$ , $^{48}\text{Li}'$ , $^{49}\text{Li}$ , $^{49}\text{Li}'$ , $^{50}\text{Li}$ , $^{50}\text{Li}'$ , $^{51}\text{Li}$ , $^{51}\text{Li}'$ , $^{52}\text{Li}$ , $^{52}\text{Li}'$ , $^{53}\text{Li}$ , $^{53}\text{Li}'$ , $^{54}\text{Li}$ , $^{54}\text{Li}'$ , $^{55}\text{Li}$ , $^{55}\text{Li}'$ , $^{56}\text{Li}$ , $^{56}\text{Li}'$ , $^{57}\text{Li}$ , $^{57}\text{Li}'$ , $^{58}\text{Li}$ , $^{58}\text{Li}'$ , $^{59}\text{Li}$ , $^{59}\text{Li}'$ , $^{60}\text{Li}$ , $^{60}\text{Li}'$ , $^{61}\text{Li}$ , $^{61}\text{Li}'$ , $^{62}\text{Li}$ , $^{62}\text{Li}'$ , $^{63}\text{Li}$ , $^{63}\text{Li}'$ , $^{64}\text{Li}$ , $^{64}\text{Li}'$ , $^{65}\text{Li}$ , $^{65}\text{Li}'$ , $^{66}\text{Li}$ , $^{66}\text{Li}'$ , $^{67}\text{Li}$ , $^{67}\text{Li}'$ , $^{68}\text{Li}$ , $^{68}\text{Li}'$ , $^{69}\text{Li}$ , $^{69}\text{Li}'$ , $^{70}\text{Li}$ , $^{70}\text{Li}'$ , $^{71}\text{Li}$ , $^{71}\text{Li}'$ , $^{72}\text{Li}$ , $^{72}\text{Li}'$ , $^{73}\text{Li}$ , $^{73}\text{Li}'$ , $^{74}\text{Li}$ , $^{74}\text{Li}'$ , $^{75}\text{Li}$ , $^{75}\text{Li}'$ , $^{76}\text{Li}$ , $^{76}\text{Li}'$ , $^{77}\text{Li}$ , $^{77}\text{Li}'$ , $^{78}\text{Li}$ , $^{78}\text{Li}'$ , $^{79}\text{Li}$ , $^{79}\text{Li}'$ , $^{80}\text{Li}$ , $^{80}\text{Li}'$ , $^{81}\text{Li}$ , $^{81}\text{Li}'$ , $^{82}\text{Li}$ , $^{82}\text{Li}'$ , $^{83}\text{Li}$ , $^{83}\text{Li}'$ , $^{84}\text{Li}$ , $^{84}\text{Li}'$ , $^{85}\text{Li}$ , $^{85}\text{Li}'$ , $^{86}\text{Li}$ , $^{86}\text{Li}'$ , $^{87}\text{Li}$ , $^{87}\text{Li}'$ , $^{88}\text{Li}$ , $^{88}\text{Li}'$ , $^{89}\text{Li}$ , $^{89}\text{Li}'$ , $^{90}\text{Li}$ , $^{90}\text{Li}'$ , $^{91}\text{Li}$ , $^{91}\text{Li}'$ , $^{92}\text{Li}$ , $^{92}\text{Li}'$ , $^{93}\text{Li}$ , $^{93}\text{Li}'$ , $^{94}\text{Li}$ , $^{94}\text{Li}'$ , $^{95}\text{Li}$ , $^{95}\text{Li}'$ , $^{96}\text{Li}$ , $^{96}\text{Li}'$ , $^{97}\text{Li}$ , $^{97}\text{Li}'$ , $^{98}\text{Li}$ , $^{98}\text{Li}'$ , $^{99}\text{Li}$ , $^{99}\text{Li}'$ , $^{100}\text{Li}$ , $^{100}\text{Li}'$ .	2.9	71
102	Heavy flavour decay muon production at forward rapidity in protonâ€“proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.1	68
103	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072302.	7.8	69
104	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.	4.1	68
105	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
106	Centrality dependence of the pseudorapidity density distribution for charged particles in Pbâ€“Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	4.1	68
107	Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072302.	7.8	67
108	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 152301.	7.8	67

#	ARTICLE	IF	CITATIONS
109	Transverse momentum spectra and nuclear modification factors of charged particles in XeXe collisions at $\sqrt{s_{NN}} = 5.44$ and $2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	67
110	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
111	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in XeXe collisions at $\sqrt{s_{NN}} = 5.44$ and $2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	7.8	64
112	Study of the $\Lambda$ p interaction with femtoscopy correlations in XeXe and Pb-Pb collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	4.1	64
113	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to $8$ TeV. European Physical Journal C, 2017, 77, 1.	2.9	64
114	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
115	Centrality and pseudorapidity dependence of the charged particle multiplicity density in XeXe collisions at $\sqrt{s_{NN}} = 5.44$ and $2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	62
116	Two-pion Bose-Einstein correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2010, 82, .	4.7	61
117	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.	3.9	61
118	Production of inclusive $\rho(1S)$ and $\rho(2S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.1	60
119	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
120	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	7.8	58
121	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
122	Production of electrons from semileptonic heavy-flavor hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	57
123	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
124	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	7.8	58
125	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
126	Production of electrons from semileptonic heavy-flavor hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	57

#	ARTICLE	IF	CITATIONS
127	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ and $2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1. Global polarization of $\langle \mathbf{m} \rangle$ and $\langle \mathbf{m} \rangle$ and $\langle \mathbf{m} \rangle$	4.7	55
128	Measurement of prompt $J/\psi$ 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.	2.9	55
129	Measurement of $D^0$ , $D^+$ , $D^{*+}$ and $D^s$ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
130	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	4.1	51
131	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2014, 89, .	2.9	51
132	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	50
133	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	4.1	50
134	Energy dependence of forward-rapidity $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
135	Measurement of charged jet production cross sections and nuclear modification in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	49
136	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s}=5.02$ and $13$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
137	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. Physical Review Letters, 2020, 125, 022301.	7.8	49
138	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	49
139	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
140	Production of meson in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	2.9	47
141	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	4.1	46
142	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2015, 92, .	2.9	46
143	Light vector meson production in pp collisions at $\sqrt{s_{\text{NN}}}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	45

#	ARTICLE	IF	CITATIONS
145	Freeze-out radii extracted from three-pion cumulants in pp, p-Pb and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	4.1	45
146	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45
147	$\hat{\gamma}$ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44
148	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
149	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .		
150	Measurement of $D^0$ , $D^+$ , $D^{*+}$ and $D^+_s$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
151	$\hat{\gamma} + c$ production in pp collisions at $\sqrt{s} = 7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
152	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	16.7	41
153	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.	1.2	40
154	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.	4.7	40
155	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.		40
156	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
157	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
158	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	39
159	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
160	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.	4.1	39
161	Coherent $\Upsilon(2S)$ photo-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, 2015, 751, 358-370.		39
162	Coherent $\Upsilon(2S)$ photo-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, 2015, 751, 358-370.		38

#	ARTICLE	IF	CITATIONS
163	Rapidity and transverse-momentum dependence of the inclusive $J/\psi$ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
164	Measurement of $\langle \mathbf{r} \rangle$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 308-322.	7.8	38
165	Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
166	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of $K^0_S$ mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	4.1	37
167	Coherent $J/\psi$ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	4.1	37
168	Search for a common baryon source in high-multiplicity pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	4.1	37
169	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
170	Pion emission from the T2K replica target: Method, results and application. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 701, 99-114.	1.6	36
171	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
172	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	4.7	36
173	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.7	36
174	Production of $\Sigma(1385)^{\pm}$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 389.	3.9	36
175	Investigation of the $\Lambda(1520)$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
176	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	35
177	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
178	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.	4.7	35
179	Measurement of $\langle \mathbf{r} \rangle$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564.	4.1	35
180	$\pi^0$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34

#	ARTICLE	IF	CITATIONS
181	<a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> altimg="si1.svg" > < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" mathvariant="normal">H</mml:mi> </mml:mrow> < mml:mprescripts /> < mml:mrow> < mml:mi mathvariant="normal">H</mml:mi> </mml:mrow> < mml:mrow> < mml:mn>3</mml:mn> </mml:mrow> </mml:math>		
182	Energy dependence of exclusive $\psi$ photoproduction off protons in ultra-peripheral pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
183	Measurement of electron-positron pair production and jet-like two-particle correlation structures in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.1	33
184	Differential studies of inclusive $J/\psi$ and $\Upsilon(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
185	Measurement of electrons from heavy-flavour hadron decays in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	4.1	33
186	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
187	Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 730, 97-100.	3.9	32
188	Multiplicity and transverse momentum fluctuations in inelastic proton-proton interactions at the CERN Super Proton Synchrotron. European Physical Journal C, 2016, 76, 1.	3.9	32
189	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.	3.9	32
190	Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
191	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.	3.9	31
192	Centrality dependence of charged jet production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
193	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	31
194	Neutral pion and $\eta$ meson production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
195	Inclusive, prompt and non-prompt $J/\psi$ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
196	Coherent $\pi^0$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
197	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pPb, and PbPb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
198	Pseudorapidity dependence of the anisotropic flow of charged particles in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	4.1	30

#	ARTICLE	IF	CITATIONS
199	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
200	Measurements of inclusive jet spectra in $pp$ and central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	29
201	$p$ $t$ -Multiplicity correlations in a multi-pomeron-exchange model with string collective effects. Physics of Atomic Nuclei, 2008, 71, 2087-2095.	0.4	28
202	Strangeness enhancements at central rapidity in 40 A GeV/c Pb-Pb collisions. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 045105.	3.6	28
203	Measurements of production properties of $\Lambda$ and $\bar{\Lambda}$ hyperons in proton-carbon interactions at 31 A GeV. Physical Review C, 2016, 93, .	2.9	28
204	Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
205	Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
206	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 95-113.	4.1	28
207	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	28
208	Determination of the number of wounded nucleons in Pb+Pb collisions at 158 A GeV/c. European Physical Journal C, 2000, 18, 57-63.	3.9	27
209	Charged baryon femtoscopic correlations in $pp$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.7	27
210	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.1	27
211	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.1	27
212	Exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	27
213	Multiplicity dependence of inclusive $J/\psi$ production at midrapidity in pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2016, 93, .	4.1	27
214	Multiplicity dependence of inclusive $J/\psi$ production at midrapidity in pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135758.	4.1	26
215	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
216	Multipion Bose-Einstein correlations in $pp$ and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	25

#	ARTICLE	IF	CITATIONS
217	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2018, 97, .	4.7	24
218	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
220	Measurements of $\pi^{\pm}$ differential yields from the surface of the T2K replica target for incoming 31 GeV/c protons with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2016, 76, 1.	3.9	24
221	Measurement of the production of high- $p_T$ electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Search for collectivity with azimuthal $\langle \phi \rangle$ -hadron correlations in high multiplicity pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	24
222	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
224	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Azimuthal anisotropy of charged jet production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	4.1	23
225	Azimuthal anisotropy of charged jet production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 511-525.	4.1	23
226	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
227	Measurements of $\pi^{\pm}$ , $K^{\pm}$ and proton double differential yields from the surface of the T2K replica target for incoming 31 GeV/c protons with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2019, 79, 1.	3.9	23
229	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
230	Prompt $D^0$ , $D^+$ , and $D^{*+}$ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
231	Multiplicity dependence of $K^*(892)^0$ and $\Lambda(1020)$ production in pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Transverse momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Energy Physics, 2020, 2020, 125501.	4.1	22
232	Central-to-peripheral nuclear modification factors in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 17-25.	4.1	22
233	Central-to-peripheral nuclear modification factors in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 17.3$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 17-25.	4.1	21
234	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2017, 96, .	4.9	21

#	ARTICLE	IF	CITATIONS
235	A High-Granularity Digital Tracking Calorimeter Optimized for Proton CT. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	21
236	Centrality and transverse momentum dependence of inclusive $J/\psi$ production at midrapidity 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, 805, 135434.	4.1	21
237	First measurement of the $ t $ -dependence of coherent $J/\psi$ photoproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 817, 136280.	4.1	21
238	Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 763, 238-250.	4.1	20
239	Production of $\Lambda$ -hyperons in inelastic p+p interactions at 158 GeV/c. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	20
240	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	20
241	Production of the $\eta$ meson 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, 802, 135407.	4.1	20
242	Suppression of $\eta$ resonance production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, 054907.	2.9	20
243	Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 802, 135407.	4.1	20
244	Measurement of dijet production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, 054907.	4.1	19
245	Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	19
246	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and 8 TeV. <i>Physical Review C</i> , 2019, 99, .	2.9	19
247	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	18
248	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 032-032.	5.4	18
249	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	18
250	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2019, 122, 072301.	7.8	18
251	Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 804, 135377.	4.1	18
252	Coherent $\psi$ and $\psi'$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}\sim 5.02$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	18

#	ARTICLE	IF	CITATIONS
253	Centrality dependence of $\Psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
254	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.	1.6	17
255	Analysis of the apparent nuclear modification in peripheral Pb-Pb collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	17
256	Prompt and non-prompt $\psi/\psi'$ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
257	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
258	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physical Review C, 2020, 101, .	2.9	16
259	Measurement of meson resonance production in $\pi^+ + \pi^- + C$ interactions at SPS energies. European Physical Journal C, 2017, 77, 1.	3.9	15
260	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
261	$K^*(892)0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at $\sqrt{s}=8$ TeV. Physical Review C, 2020, 102, .	2.9	15
262	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physical Review C, 2020, 102, .	4.1	15
263	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.	4.7	15
264	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.	4.7	15
265	Results of in-beam tests of an MCP-based vacuum sector prototype of the T0/centrality detector for ALICE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 220-224.	1.6	14
266	Correlation between heavy flavour production and multiplicity in pp and p-Pb collisions at high energy in the multi-pomeron exchange model. EPJ Web of Conferences, 2018, 171, 18003.	0.3	14
267	Production of $\psi(2S)$ in pp collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
268	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	7.5	14
269	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physical Review C, 2019, 99, .	4.7	14
270	$\Psi(2S)$ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14

#	ARTICLE	IF	CITATIONS
271	Measurement of strange baryon-antibaryon interactions with femtosopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
272	$\Lambda$ production and nuclear modification at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 2019, 1.	4.1	14
273	Inclusive $J/\psi$ production at mid-rapidity in pp collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
274	W and Z boson production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
275	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	7.8	13
276	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.	4.7	13
277	Neutral pion and $\eta$ meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
278	Measurement of the inclusive $J/\psi$ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	13
279	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
280	Studies of $J/\psi$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
281	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.	3.9	12
282	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
283	Two-particle correlations in azimuthal angle and pseudorapidity in inelastic p + p interactions at the CERN Super Proton Synchrotron. European Physical Journal C, 2017, 77, 1.	3.9	12
284	$J/\psi$ production as a function of charged-particle pseudorapidity density in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-104.	4.1	12
285	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. European Physical Journal C, 2019, 79, .	3.9	12
286	Measuring $K_S^0$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-104.	4.1	12
287	Study of $J/\psi$ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
288	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe-Xe collisions at $\sqrt{s_{\text{NN}}}=5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12

#	ARTICLE	IF	CITATIONS
289	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.	3.9	12
290	Experimental investigation of new ultra-lightweight support and cooling structures for the new Inner Tracking System of the ALICE Detector. <i>Journal of Instrumentation</i> , 2018, 13, T08003-T08003.	1.2	11
291	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.	4.7	11
292	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.		
293	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.	3.9	11
294	$\Upsilon$ production in Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 806, 135486.	4.1	11
295	Coherent photoproduction of $\rho$ vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	11
296	First measurement of quarkonium polarization in nuclear collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 815, 136146.	4.1	11
297	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	11
298	Measurement of the production cross section of prompt $\Xi_c^0$ baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	11
299	Multipomeron Model with Collective Effects for High-Energy Hadron Collisions. <i>Universe</i> , 2022, 8, 246.	2.5	11
300	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	10
301	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, 054907.	2.9	10
302	Inclusive $J/\psi$ production in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 785, 419-428.		
303	Two-particle differential transverse momentum and number density correlations in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2019, 100, 054907.	2.9	10
304	Measurements of production and inelastic cross sections for p+C, p+Be, and p+Al at $60 \leq p_T \leq 100$ GeV/c and p+C and p+Be at $120 \leq p_T \leq 100$ GeV/c. <i>Physical Review D</i> , 2019, 100, 054004.	4.7	10
305	Proton-proton interactions and onset of deconfinement. <i>Physical Review C</i> , 2020, 102, 054907.	2.9	10
306	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	10

#	ARTICLE	IF	CITATIONS
307	$\sqrt{s_{\text{NN}}}$ meson production in inelastic p+p interactions at 158 A GeV/c beam momentum measured by NA61/SHINE at the CERN SPS. European Physical Journal C, 2020, 80, 1.	3.9	10
308	Proposals for a new type of microchannel-plate-based vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 323, 439-444.	1.6	9
309	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{\text{NN}}}$ = 5.02 TeV and Pb-Pb collisions at $\sqrt{s_{\text{NN}}}$ = 2.76 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
310	Measurements of total production cross sections for $\chi$ and $\chi$ in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}$ = 2.76 TeV. Physical Review D, 2019, 99, 014004.	4.7	9
311	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.	4.7	9
312	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2019, 99, 014004.	4.7	9
313	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}$ = 2.76 TeV. Physical Review Letters, 2021, 127, 092302.	7.8	9
314	Transverse dynamics of Pb-Pb collisions at 40 A GeV/c viewed by strange hadrons. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 2065-2080.	3.6	8
315	Measurement of the inclusive production cross section of $\chi$ and $\chi$ in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}$ = 2.76 TeV and in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136030.	4.1	8
316	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	7.8	8
317	Inclusive $J/\psi$ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}$ = 8.16 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
318	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
319	Measurement of charged jet cross section in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}$ = 2.76 TeV. Physical Review D, 2019, 99, 014004.	4.7	8
320	Measurements of $\chi$ and $\chi$ production in proton-proton interactions at $\sqrt{s_{\text{NN}}}$ = 17.3 A GeV in the NA61/SHINE experiment. European Physical Journal C, 2020, 80, 1.	3.9	8
321	Measurement of $\phi$ meson production in p+p interactions at 40, 80 and 158 A GeV/c with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2020, 80, 1.	3.9	8
322	Pion-kaon femtoscopy and the lifetime of the hadronic phase in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}$ = 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136030.	4.1	8
323	Measurement of the inclusive isolated photon production cross section in p+p collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
324	Kaon-proton strong interaction at low relative momentum via femtoscopy in Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136708.	4.1	8

#	ARTICLE	IF	CITATIONS
325	Number of nucleon-nucleon collisions vs. energy in modified Glauber calculations. Journal of Physics: Conference Series, 2005, 5, 230-237.	0.4	7
326	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
327	Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	4.1	7
328	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.1	7
329	Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physical Review C, 2019, 100, 014907.	2.9	7
330	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2020, 102, 014907.	2.9	7
331	Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physical Review C, 2019, 100, 014907.	4.1	7
332	Measurements of $\pi^0$ , $K^0_S$ , p and $\Lambda$ spectra in $\sqrt{s_{\mathrm{NN}}}=7.69$ Be-Be collisions at beam momenta from 19A to 150AA $\sqrt{s_{\mathrm{NN}}}$ with the NA61/SHINE spectrometer at the CERN SPS. European Physical Journal C, 2021, 81, 1.	3.9	7
333	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
334	Rapidity distributions around mid-rapidity of strange particles in Pb-Pb collisions at 158A GeV/c. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 1345-1357.	3.6	6
335	Expansion dynamics of Pb-Pb collisions at 40A GeV/c viewed by negatively charged hadrons. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 403-429.	3.6	6
336	Extra lightweight mechanical support structures with the integrated cooling system for a new generation of vertex detectors. Instruments and Experimental Techniques, 2014, 57, 356-360.	0.5	6
337	Production of muons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 458-470.	4.1	6
338	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	6
339	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
340	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
341	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	4.1	6
342	Investigating particle track topology for range telescopes in particle radiography using convolutional neural networks. Acta Oncologica, 2021, 60, 1413-1418.	1.8	6

#	ARTICLE	IF	CITATIONS
343	Inclusive $\chi/\psi$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
344	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.	3.9	6
345	Position-sensitive MCP-based detectors with high timing resolution: some results and perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 367, 402-407.	1.6	5
346	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{NN}}=5.02$ TeV pPb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
347	Measurements of $\chi$ production in $^7\text{Be} + ^9\text{Be}$ collisions at beam momenta from 19A to 150A,ext{ GeV} in the NA61/SHINE experiment at the CERN SPS. European Physical Journal C, 2020, 80, 1.	4.7	5
348	Measurements of $\pi^+$ production in $^7\text{Be} + ^9\text{Be}$ collisions at beam momenta from 19A to 150A,ext{ GeV} in the NA61/SHINE experiment at the CERN SPS. European Physical Journal C, 2020, 80, 1.	3.9	5
349	Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
350	Energy dependence of $\phi$ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
351	Z-boson production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
352	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
353	Fast micro-channel plate detector. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 416-421.	0.4	4
354	Forward-backward correlations with strange particles in PYTHIA. Journal of Physics: Conference Series, 2016, 668, 012034.	0.4	4
355	Centrality and multiparticle production in ultrarelativistic nuclear collisions. Physics of Atomic Nuclei, 2016, 79, 737-748.	0.4	4
356	Constraints on the percolation model from anomalous centrality evolution of two-particle correlations in Au-Au collisions at sNN=62 and 200 GeV. AIP Conference Proceedings, 2016, , .	0.4	4
357	The Small Acceptance Vertex Detector of NA61/SHINE. EPJ Web of Conferences, 2018, 171, 10003.	0.3	4
358	Longitudinal asymmetry and its effect on pseudorapidity distributions in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4
359	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.	4.7	4
360	$\chi$ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4

#	ARTICLE	IF	CITATIONS
361	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.	4.7	4
362	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physical Review C, 2020, 101, .	2.9	4
363	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
364	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.	4.7	4
365	Centrality dependence of $J/\psi$ and $\Upsilon(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
366	Inclusive heavy-flavour production at central and forward rapidity in Xe+Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136437.	4.1	4
367	Production of $\Omega$ mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
368	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.	1.2	3
369	Strange particle production in relativistic collisions of heavy ions. Physics of Particles and Nuclei, 2011, 42, 911-962.	0.7	3
370	$\phi$ meson production at forward rapidity in Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	3
371	Measurement of isolated photon-hadron correlations in $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV p-Pb collisions. Physical Review C, 2020, 102, .	2.9	3
372	Measurement of the production cross section of $\phi$ mesons on carbon via beam attenuation in a 90-cm-long target. Physical Review D, 2021, 103, .	4.7	3
373	Thin-wall drift tube vertex chamber for the AMPIR spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 367, 159-162.	1.6	2
374	Multiplicity of charged particles in Pb+Pb collisions at SPS energies. Journal of Physics: Conference Series, 2005, 5, 64-73.	0.4	2
375	The SDD and SSD support structure for the ALICE Inner Tracking System. Journal of Instrumentation, 2009, 4, P01003-P01003.	1.2	2
376	Azimuthal flows in hadron collisions from quark-gluon string repulsion. EPJ Web of Conferences, 2016, 125, 04011.	0.3	2
377	NA61/SHINE vertex detector for open charm measurements. Journal of Physics: Conference Series, 2016, 668, 012012.	0.4	2
378	Modified Glauber model and a new interpretation of collective effects in AA and pA at LHC. AIP Conference Proceedings, 2016, .	0.4	2

#	ARTICLE	IF	CITATIONS
379	Development and tests of MCP based timing and multiplicity detector for MIPs. Physics of Particles and Nuclei Letters, 2017, 14, 150-159.	0.4	2
380	Fast beam-beam collisions monitor for experiments at NICA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162154.	1.6	2
381	Measurements of $\Xi(1530)^0$ and $\overline{\Xi}(1530)^0$ production in proton-proton interactions at $\sqrt{s_{NN}} = 17.3$ GeV in the NA61/SHINE experiment. European Physical Journal C, 2021, 81, 1.	3.9	2
382	Sector multipad prototype of the FMD-MCP detector for ALICE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 419, 654-659.	1.6	1
383	NA57 Results. AIP Conference Proceedings, 2006, , .	0.4	1
384	ALICE Collaboration. Nuclear Physics A, 2014, 931, 1211-1221.	1.5	1
385	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 320-331.	4.1	1
386	Search for an exotic $S=2, Q=2$ baryon resonance in proton-proton interactions at $\sqrt{s_{NN}} = 17.3$ GeV. Physical Review D, 2020, 101, .	4.7	1
387	Underlying Event measurements in pp collisions at ( $\sqrt{s} = 0.9$ ) and 7 TeV with the ALICE experiment at the LHC. , 0, .		1
388	Determination of the number of wounded nucleons in Pb+Pb collisions at 158 A GeV/c. Nuclear Physics A, 1999, 661, 357c-361c.	1.5	1
389	Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
390	$K_S^0$ and (anti-) $\Lambda$ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1
391	First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
392	Probing the specific entropy produced in ultra-relativistic heavy-ion collisions with a silicon pixel multiplicity detector: a simulation study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 452, 323-337.	1.6	0
393	Hyperon production in lead-lead interactions at 40 and 160 A GeV/c. European Physical Journal C, 2004, 33, s618-s620.	3.9	0
394	$\hat{b}$ and $\hat{c}$ Polarization in Pb+Pb Collisions at 160 A GeV/c. AIP Conference Proceedings, 2005, , .	0.4	0
395	Long-range correlation studies in pp and Pb-Pb collisions. , 2012, , .		0
396	Monte-Carlo study of long-range correlations of average transverse momentum and multiplicity for strange particles in pp-collisions at the LHC energies. Journal of Physics: Conference Series, 2019, 1390, 012029.	0.4	0

#	ARTICLE	IF	CITATIONS
397	Two-particle correlations in azimuthal angle and pseudorapidity in central ${}^7\text{Be}+{}^9\text{Be}$ collisions at the CERN Super Proton Synchrotron. European Physical Journal C, 2020, 80, 1.	3.9	0
398	Initial States in Nucleus-Nucleus Collisions at Energies of the NICA Collider. Physics of Particles and Nuclei, 2021, 52, 584-590.	0.7	0