

Alexander Akindinov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5931110/publications.pdf>

Version: 2024-02-01

403
papers

24,143
citations

4960

84
h-index

10445

139
g-index

409
all docs

409
docs citations

409
times ranked

8062
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. 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, 728, 25-38.	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	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.	2.9	465
8	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
9	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
10	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.	4.1	307
11	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, 726, 164-177.	4.1	301
12	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	7.8	296
13	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	7.8	270
14	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 88, 014901.	2.9	267
15	Long-range angular correlations of π , K and p in 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
16	Long-range angular correlations of π , K and p in 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	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
18	Challenges in QCD matter physics –The scientific programme of the Compressed Baryonic Matter experiment at FAIR. European Physical Journal A, 2017, 53, 1.	2.5	222

#	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 $e + e \rightarrow \gamma \gamma$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\text{ TeV}$. European Physical Journal C, 2013, 73, 2617.	3.9	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 $\sqrt{s}=0.9\text{ TeV}$ and 2.36 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 $\sqrt{s_{NN}}=2.76\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 249-264.	4.1	188
30	Pion, Kaon, and Proton Production in Central 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 ϕ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. Physical Review Letters, 2016, 116, 222302.	4.1	171
35	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. Physical Review Letters, 2016, 116, 222302.	7.8	171
36	Centrality, rapidity and transverse-momentum dependence of ϕ suppression in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. Physical Review Letters, 2016, 116, 222302.	4.1	171

#	ARTICLE	IF	CITATIONS
37	Direct photon production in Pbâ€Pb collisions at $\sqrt{s} = 2.76$ TeV. Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pbâ€Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 316, 1-6.	7.8	163
38	Centrality dependence of the pseudorapidity density distribution for charged particles in Pbâ€Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 316, 1-6.	4.1	156
39	Transverse Momentum Spectra of Charged Particles in Pbâ€Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 316, 1-6.	7.8	155
40	Centrality dependence of the pseudorapidity density distribution for charged particles in Pbâ€Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 316, 1-6.	7.8	155
41	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pbâ€Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 316, 1-6.	7.8	154
42	Measurement of pion, kaon and proton production in protonâ€proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	151
43	Measurement of pion, kaon and proton production in protonâ€proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
44	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
45	Strange particle production in protonâ€proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	140
46	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
47	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2015, 115, 132302.	7.8	138
48	Centrality dependence of particle production in Pbâ€Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 316, 1-6.	2.9	135
49	Neutral pion and η meson production in protonâ€proton collisions at $\sqrt{s} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	4.1	133
50	Neutral pion and η meson production in protonâ€proton collisions at $\sqrt{s} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	4.1	133
51	Multiplicity dependence of the average transverse momentum in pp, pâ€Pb, and Pbâ€Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	4.1	130
52	Multiparticle azimuthal correlations in Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
53	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
54	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^{0}$ in protonâ€proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125

#	ARTICLE	IF	CITATIONS
55	First proton- \bar{p} collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. European Physical Journal C, 2010, 65, 111-125.	3.9	124
56	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
57	Rapidity and transverse momentum dependence of inclusive π^0 production in pp collisions at $\sqrt{s}=7$ TeV. Physical Review C, 2020, 101, 034907.	4.1	115
58	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
59	Performance of the ALICE Time-Of-Flight detector at the LHC. European Physical Journal Plus, 2013, 128, 1.	2.6	112
60	Production of $\Lambda(892)^0$ and $\bar{\Lambda}(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
61	Multi-strange baryon production in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2020, 101, 034907.	2.9	110
62	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2020, 101, 034907.	2.9	110
63	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	3.9	101
64	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	3.9	101
65	Azimuthal anisotropy of D -meson production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2020, 101, 034907.	2.9	101
66	Exclusive π^0 photoproduction off protons in ultraperipheral Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	100
67	Polarization in π^0 production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	99
68	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	97
69	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
70	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. Journal of High Energy Physics, 2018, 2018, 1.	4.7	97
71	Production of Muons from Heavy Flavor Decays at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2020, 101, 034907.	7.8	96
72	Measurement of Prompt π^0 -Meson Production in $\sqrt{s}=2.76$ TeV Pb-Pb Collisions at Central Rapidity. Physical Review Letters, 2012, 108, 092301.	7.8	94

#	ARTICLE	IF	CITATIONS
73	Femtoscopic view of $\langle m \rangle$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044904.	4.7	93
74	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044905.	4.1	93
75	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044906.	4.1	93
76	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044907.	4.1	92
77	Measurement of quarkonium production at forward rapidity in $\sqrt{s_{NN}} = 7$ TeV pp collisions at $\sqrt{s_{NN}} = 7$ TeV. <i>European Physical Journal C</i> , 2014, 74, 2974.	3.9	89
78	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044908.	3.9	89
79	Multiplicity dependence of light-flavor hadron production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044909.	2.9	89
80	Inclusive production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044910.	4.1	88
81	Transverse momentum dependence of D-meson production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	88
82	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044911.	4.1	87
83	Measurement of Λ and $\bar{\Lambda}$ production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044912.	4.1	86
84	Multi-strange baryon production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2012, 86, 044901.	4.1	86
85	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2012, 86, 044902.	2.9	86
86	Pseudorapidity and transverse-momentum distributions of charged particles in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044913.	4.1	82
87	Measurement of an Excess in the Yield of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044914.	7.8	80
88	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044915.	7.8	77
89	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044916.	7.8	77
90	Production of Λ and $\bar{\Lambda}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 044917.	1.5	74

#	ARTICLE	IF	CITATIONS
91	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, \sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
92	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
93	Production of nuclei, and their antinuclei in collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 269-272.	2.9	71
94	New results on MRS APDs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 387, 231-234.	1.6	69
95	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 269-272.	2.9	71
96	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	69
97	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
98	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	7.8	67
99	Midrapidity Antiproton-to-Proton Ratio in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	67
100	Suppression of Λ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	67
101	Suppression of Λ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	67
102	rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	67
103	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
104	Investigations of Anomalous Flow Using Multiparticle Azimuthal Correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 112002.	7.8	64
105	Study of the Λ -p interaction with femtoscopy correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 112002.	4.1	64
106	Study of the Λ -p interaction with femtoscopy correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 112002.	4.1	64
107	Study of the Λ -p interaction with femtoscopy correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 112002.	2.9	64
108	The multigap resistive plate chamber as a time-of-flight detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 456, 16-22.	1.6	63

#	ARTICLE	IF	CITATIONS
109	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV . European Physical Journal C, 2017, 77, 1.	3.9	62
110	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2017, 77, 1.	3.9	62
111	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}} = 2.76$ and 5.44 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.1	62
112	Two-pion Bose-Einstein correlations in central rapidity in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV . Physical Review D, 2010, 82, .	4.7	61
113	Event-by-event mean p_T fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61
114	Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in p-p collisions at $\sqrt{s} = 0.9$ to 8 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.1	60
115	Latest results on the performance of the multigap resistive plate chamber used for the ALICE TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 571, 130-133.	1.6	59
116	meson production at central rapidity in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV . Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
117	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 5.44 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
118	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76, 5.44 \text{ TeV}$. Physical Review Letters, 2013, 111, 232302.	7.8	58
119	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. European Physical Journal C, 2014, 74, 1.	3.9	58
120	Measurement of electrons from semileptonic heavy-flavor hadron decays in p-p collisions at $\sqrt{s} = 0.9$ to 8 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.7	57
121	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 5.44 \text{ TeV}$. Physical Review Letters, 2018, 120, 112301.	4.7	56
122	Silicon photomultipliers and their bio-medical applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 571, 130-133.	1.6	55
123	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.	4.7	55
124	Global polarization of Λ and Σ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 5.44 \text{ TeV}$. Physical Review Letters, 2018, 120, 112301.	2.9	55
125	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
126	Measurement of D_0 , D^+ , D^{*+} and D_s production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54

#	ARTICLE	IF	CITATIONS
127	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.	4.1	51
128	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 89, .	4.9	41
129	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
130	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	4.1	50
131	Energy dependence of forward-rapidity $\langle \psi \rangle / \langle \psi \rangle_{(2S)}$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
132	Measurement of charged jet production cross sections and nuclear modification in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	49
133	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13.6 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
134	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
135	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
136	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
137	Production of mesons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2015, 115, 022301.	2.9	47
138	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	4.1	46
139	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	2.9	46
140	Light vector meson production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	45
141	Freeze-out radii extracted from three-pion cumulants in pp, Pb-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
142	Forward-central two-particle correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 126-139.	4.1	45
143	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45
144	$\langle \psi \rangle$ production and nuclear effects in p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44

#	ARTICLE	IF	CITATIONS
163	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 0.784314$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	4.1	37
164	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
166	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
167	Design aspects and prototype test of a very precise TDC system implemented for the Multigap RPC of the ALICE-TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 178-182.	1.6	36
168	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
169	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	4.9	36
170	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.9	36
171	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
172	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
173	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	35
174	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
175	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.1	35
176	Global baryon number conservation 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.	4.1	35
177	Final test of the MRPC production for the ALICE TOF detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 709-712.	1.6	34
178	π^0 and η meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
179	Energy dependence of exclusive ψ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34

#	ARTICLE	IF	CITATIONS
181	Multiplicity dependence of jet-like two-particle correlation structures in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.1	33
182	Differential studies of inclusive J/ψ and $\Upsilon(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
183	Measurement of electrons from heavy-flavour hadron decays in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	4.1	33
184	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
185	Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 97-108.	4.1	32
186	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7, 8$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	32
187	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
188	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	3.9	31
189	Centrality dependence of charged jet production in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
190	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
191	Neutral pion and η meson production in $p\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
192	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.	4.7	30
193	Coherent ϕ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
194	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, $p\text{-Pb}$, and $Pb\text{-Pb}$ collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
195	Pseudorapidity dependence of the anisotropic flow of charged particles in $Pb\text{-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	4.1	30
196	Experimental Evidence for an Attractive Interaction. Physical Review Letters, 2021, 127, 172301.	7.8	30
197	A study of the multigap RPC at the gamma irradiation facility at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 490, 58-70.	1.6	29
198	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29

#	ARTICLE	IF	CITATIONS
199	Measurements of inclusive jet spectra in p - p and central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, 054002.	2.9	29
200	Production and Baryon-to-Meson Ratios in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	7.8	29
201	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
202	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
203	Constraints on jet quenching in ^{208}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
204	R suppression at forward rapidity in ^{208}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
205	Direct observation of the dead-cone effect in quantum chromodynamics. Nature, 2022, 605, 440-446.	27.8	28
206	Charged kaon femtoscopic correlations in p - p collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, 054002.	4.7	27
207	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, 054002.	4.1	27
208	Search for weakly decaying $\Lambda(1520)$ in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2010, 81, 054002.	4.1	27
209	Exotic bound states in central ^{208}Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2010, 81, 054002.	4.1	27
210	Multiplicity dependence of light (anti)-nucleon production in ^{208}Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
211	Multiplicity dependence of inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 810, 135750.	4.1	26
212	Scintillation counter with MRS APD light readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 539, 172-176.	1.6	25
213	Measurement of electrons from semileptonic heavy-flavor hadron decays in p - p collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
214	Multipion Bose-Einstein correlations in p - p and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, 054907.	2.9	25
215	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 97, .	4.1	25
216	Multiplicity dependence of inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2010, 81, 054002.	2.9	25

#	ARTICLE	IF	CITATIONS
217	A four-gap glass-RPC time-of-flight array with 90 ps time resolution. IEEE Transactions on Nuclear Science, 2001, 48, 1658-1663.	2.0	24
218	Suppression of $\bar{\Lambda}(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
219	Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pbâ€Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Search for collectivity with azimuthal $\langle \phi \rangle$ -hadron correlations in high multiplicity pâ€Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 407-411.	4.1	24
220	Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pbâ€Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ and 8.16 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	24
221	(Anti)-deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
222	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. Physical Review D, 2022, 105, .	4.7	24
223	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pbâ€Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	4.1	23
224	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and pâ€Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
225	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
226	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
227	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
228	Prompt D0, D+, and D*+ production in Pbâ€Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
229	Multiplicity dependence of $K^*(892)0$ and $\bar{\Lambda}(1020)$ production in pp collisions at $\sqrt{s_{\mathrm{NN}}} = 13$ TeV. Journal of High Energy Physics, 2020, 807, 135501.	4.1	22
230	Multiplicity dependence of $K^*(892)0$ and $\bar{\Lambda}(1020)$ production in pp collisions at $\sqrt{s_{\mathrm{NN}}} = 13$ TeV. Journal of High Energy Physics, 2020, 807, 135501.	4.1	22
231	RPC with low-resistive phosphate glass electrodes as a candidate for the CBM TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 676-681.	1.6	21
232	The CBM Time-of-Flight wall â€ a conceptual design. Journal of Instrumentation, 2014, 9, C10014-C10014.	1.2	21
233	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review C, 2017, 96, .	2.9	21
234	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review C, 2017, 96, .	2.9	21

#	ARTICLE	IF	CITATIONS
235	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135434.	4.1	21
236	First measurement of the $ t $ -dependence of coherent J/ψ photonuclear production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136280.	4.1	21
237	Measurement of the cross sections of $\psi(2S)$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135434.	7.8	21
238	Study of gas mixtures and ageing of the multigap resistive plate chamber used for the Alice TOF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 93-97.	1.6	20
239	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.	4.1	20
240	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.	4.7	20
241	Production of the η meson in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135377.	2.9	20
242	Suppression of η resonance production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2019, 99, 054907.	2.9	20
243	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, 135377.	4.1	20
244	Measurement of dijet production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135377.	4.1	19
245	Measurement of $D_s +$ production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
246	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and 8 TeV. Physical Review C, 2019, 99, .	2.9	19
247	Exploring the \tilde{N}^i - \tilde{N}^j coupled system with high precision correlation techniques at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137272.	4.1	19
248	Development of VUV wavelength shifter for the use with a visible light photodetector in noble gas filled detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 695, 403-406.	1.6	18
249	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
250	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032.	5.4	18
251	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.	4.7	18
252	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18

#	ARTICLE	IF	CITATIONS
253	Measurement of prompt D_0 , D^+ , D^{*+} , and D^0 production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
254	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	18
255	Coherent $\psi(2S)$ photoproduction at midrapidity in ultra-peripheral PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
256	Measurement of Prompt D^0 production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	7.8	18
257	Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.1	18
258	Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
259	Analysis of the apparent nuclear modification in peripheral PbPb collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	17
260	Prompt and non-prompt $\psi(2S)$ production and nuclear modification at mid-rapidity in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
261	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
262	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	2.9	16
263	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
264	$K^*(892)^0$ and $\Lambda(1020)$ production at midrapidity in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review C, 2020, 102, .	2.9	15
265	Measurements of mixed harmonic cumulants in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136943.	4.1	15
266	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
267	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
268	Nuclear modification factor of light neutral-meson spectra up to high transverse momentum in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136943.	4.1	15
269	Observation of a multiplicity dependence in the pT-differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s} = 8.16$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136943.	4.1	15
270	Polarization of Λ hyperons along the Beam Direction in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	7.8	15

#	ARTICLE	IF	CITATIONS
271	Measurement of dielectron production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2019, 99, .	4.1	14
272	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	4.1	14
273	J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
274	Measurement of strange baryon-antibaryon interactions with femtoscopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
275	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.1	14
276	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
277	The MRPC detector for the ALICE Time Of Flight System: Final Design and Performances. Nuclear Physics, Section B, Proceedings Supplements, 2006, 158, 60-65.	0.4	13
278	W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
279	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	7.8	13
280	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
281	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
282	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.	3.9	13
283	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
284	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
285	Investigating the role of strangeness in baryon-antibaryon annihilation at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137060.	4.1	13
286	Results of the ALICE time-of-flight detector from the 2009 cosmic-ray data taking. European Physical Journal C, 2010, 68, 601-607.	3.9	12
287	The commissioning of the ALICE time-of-flight detector and results from the 2008 cosmic-ray data taking. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 615, 37-41.	1.6	12
288	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

#	ARTICLE	IF	CITATIONS
289	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
290	J/ψ production as a function of charged-particle pseudorapidity density in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-104.		
291	Charged-particle pseudorapidity density at mid-rapidity in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. European Physical Journal C, 2019, 79, 1-10.	3.9	12
292	Measuring S production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. European Physical Journal C, 2019, 79, 1-10.		
293	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
294	Production of pions, kaons, (anti-)protons and ϕ mesons in XeXe collisions at $\sqrt{s_{NN}}=5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
295	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s_{NN}}=5.02, 7$ and 13 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
296	K ⁺ -meson production in pBe interactions at $T_p=2.9$ GeV. Zeitschrift für Physik A, 1996, 355, 93-100.	0.9	11
297	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
298	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.		
299	Azimuthal correlations of prompt D mesons with charged particles in pp and pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
300	J/ψ production in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	4.1	11
301	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
302	First measurement of quarkonium polarization in nuclear collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136146.	4.1	11
303	Underlying event properties in pp collisions at $\sqrt{s_{NN}}=13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
304	Measurement of the production cross section of prompt χ_{c0} baryons at midrapidity in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
305	Measurement of the production cross section of prompt χ_{c0} baryons at midrapidity in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review Letters, 2022, 128, 102001.	7.8	11
306	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10

#	ARTICLE	IF	CITATIONS
307	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, 014902.	2.9	10
308	Inclusive J/ψ production in Xe+Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	5.44	10
309	Two-particle differential transverse momentum and number density correlations in Pb-Pb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. Physical Review C, 2019, 100, 014902.	2.9	10
310	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
311	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 126, 162001.	7.8	10
312	Detection of scintillation light in liquid xenon by multipixel avalanche Geiger photodiode and wavelength shifter. Journal of Instrumentation, 2010, 5, P04007-P04007.	1.2	9
313	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.	4.7	9
314	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
315	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, 014004.	4.7	9
316	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 092302.	7.8	9
317	Hypertriton Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2022, 128, 012601.	7.8	9
318	The ALICE time of flight system. Nuclear Physics, Section B, Proceedings Supplements, 2003, 125, 193-197.	0.4	8
319	Tests of multipixel Geiger photodiodes in liquid and gaseous xenon. Instruments and Experimental Techniques, 2009, 52, 345-351.	0.5	8
320	I -Meson production at forward rapidity in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and in pp collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	4.7	8
321	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	7.8	8
322	Inclusive J/ψ 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.	4.7	8
323	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
324	Measurement of charged jet cross section in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review D, 2019, 100, 014004.	4.7	8

#	ARTICLE	IF	CITATIONS
325	Measurement of the inclusive isolated photon production cross section in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2021, 103, .	4.1	8
326	Measurement of the inclusive isolated photon production cross section in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2021, 103, .	2.9	8
327	Measurement of the inclusive isolated photon production cross section in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
328	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
329	Multiplicity studies and effective energy in ALICE at the LHC. European Physical Journal C, 2007, 50, 341-352.	3.9	7
330	A topological trigger based on the Time-of-Flight detector for the ALICE experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 372-376.	1.6	7
331	Subthreshold and near-threshold kaon and antikaon production in proton-nucleus reactions. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 015107.	3.6	7
332	The MRPC-based ALICE Time-Of-Flight detector: Commissioning and first performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S98-S101.	1.6	7
333	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.	4.7	7
334	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.	4.1	7
335	Measurement of the inclusive isolated photon production cross section in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2021, 103, .	4.1	7
336	Measurement of the inclusive isolated photon production cross section in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 100, .	2.9	7
337	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, .	2.9	7
338	Measurement of the (anti)3He elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136708.	4.1	7
339	Measurement of the (anti)3He elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136708.	4.1	7
340	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
341	Quality Assurance procedures for the construction of ALICE TOF detector. Nuclear Physics, Section B, Proceedings Supplements, 2006, 158, 78-82.	0.4	6
342	Two-phase xenon emission detector with electron multiplier and optical readout by multipixel avalanche Geiger photodiodes. Journal of Instrumentation, 2013, 8, P05017-P05017.	1.2	6

#	ARTICLE	IF	CITATIONS
343	Production of muons from heavy-flavour hadron decays in pAe Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 770, 459-472.		6
344	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	6
345	Dielectron production in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	6
346	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	6
347	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 820, 136481.	4.1	6
348	Jet-associated deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 819, 136440.	4.1	6
349	Jet-associated deuteron production in pp collisions at $\sqrt{s} = 5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 820, 136481.	4.1	6
350	Inclusive χ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	6
351	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2022, 82, 1.	3.9	6
352	Dielectric resistive plate chamber – the first step in new high-resolution TOF technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 494, 474-479.	1.6	5
353	START as the detector of choice for large-scale muon triggering systems. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 567, 74-77.	1.6	5
354	Construction and tests of the MRPC detectors for TOF in ALICE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 602, 658-664.	1.6	5
355	Improving the timing resolution of an electromagnetic calorimeter based on lead tungstate crystals. <i>Instruments and Experimental Techniques</i> , 2014, 57, 233-247.	0.5	5
356	Radiation hard ceramic RPC development. <i>Journal of Physics: Conference Series</i> , 2017, 798, 012136.	0.4	5
357	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s_{NN}} = 5.02$ TeV pAe Pb collisions. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	5
358	Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	5
359	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. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	5
360	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	5

#	ARTICLE	IF	CITATIONS
361	Prototype of a cosmic muon detection system based on scintillation counters with MRS APD light readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 555, 65-71.	1.6	4
362	Probing of compact baryonic configurations in nuclei in $A(p, p\bar{\Lambda})X$ reactions and antiproton formation length in nuclear matter. Physical Review C, 2012, 85, .	2.9	4
363	Radiation-hard ceramic Resistive Plate Chambers for forward TOF and T0 systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 203-205.	1.6	4
364	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb 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
365	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
366	J/ψ 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
367	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
368	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	4
369	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
370	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
371	Centrality dependence of J/ψ and $\Upsilon(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
372	Inclusive heavy-flavour production at central and forward rapidity in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136437.	4.1	4
373	Production of Ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
374	Study of QGP signatures with the $\bar{\Lambda} \rightarrow \bar{p} + K^0$ signal in Pb-Pb ALICE events. European Physical Journal C, 2006, 45, 669-677.	3.9	3
375	Data quality monitor as the final quality assurance procedure for the ALICE-TOF detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 821-824.	1.6	3
376	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	3
377	Measurement of isolated photon-hadron correlations in $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions. Physical Review C, 2020, 102, .	2.9	3
378	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13.6$ TeV. Physical Review Letters, 2021, 127, 042302.	7.8	3

#	ARTICLE	IF	CITATIONS
379	Production of $\bar{\Lambda}$ and Λ in jets in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Instruments and Methods in Physics Research, Section B: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 431-435.	4.1	3
380	Measurement of $\bar{\Lambda}(892)$ production in inelastic pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 828, 137013.	4.1	3
381	Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, .	3.9	3
382	Long-term operation of a multi-channel cosmic muon system based on scintillation counters with MRS APD light readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 431-435.	1.6	2
383	The highest precision proof of CPT invariance in the α -nuclear binding masses. International Journal of Modern Physics A, 2015, 30, 1550170.	1.5	2
384	Performance study of a Mosaic high rate MRPC. Journal of Instrumentation, 2016, 11, C09016-C09016.	1.2	2
385	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
386	First commissioning results of ALICE-TOF SuperModules. Indian Journal of Physics, 2011, 85, 1155-1159.	1.8	1
387	ALICE Collaboration. Nuclear Physics A, 2016, 956, 913-921.	1.5	1
388	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
389	ALICE Collaboration. Nuclear Physics A, 2019, 982, 975-984.	1.5	1
390	ALICE Collaboration. Nuclear Physics A, 2021, 1005, 122087.	1.5	1
391	Underlying Event measurements in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the ALICE experiment at the LHC. , 0, .		1
392	K_S^0 and (anti)- Λ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1
393	DETECTION OF THE LIGHT PRODUCED IN SCINTILLATING TILES BY MEANS OF A WLS FIBER AND AN AVALANCHE PHOTODIODE WORKING IN THE GEIGER MODE. , 2004, , .		0
394	Quality assurance procedures for the construction of ALICE TOF SuperModules. , 2008, , .		0
395	Tools to monitor the quality of the ALICE-TOF detector data. , 2008, , .		0
396	Two-particle correlations from RHIC to LHC with a new method based on the fourier transform. Indian Journal of Physics, 2010, 84, 1651-1655.	1.8	0

#	ARTICLE	IF	CITATIONS
397	The ALICE Time-Of-Flight detector: status and expected performance at the LHC startup. , 2010, , .		0
398	Pre-installation tests and calibration of the ALICE TOF modules. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S106-S109.	1.6	0
399	ALICE Collaboration. Nuclear Physics A, 2017, 967, 932-941.	1.5	0
400	A timing RPC with low resistive ceramic electrodes. Journal of Instrumentation, 2019, 14, C09007-C09007.	1.2	0
401	CBM Collaboration. Nuclear Physics A, 2021, 1005, 122089.	1.5	0
402	MAGNETIC FIELD AND RADIATION TESTS OF A PROGRAMMABLE DELAY LINE. , 2006, , .		0
403	Latest results from a massâ€ production sample of MRPCs for the ALICE TOF detector. , 2008, , .		0