

Roberto Barbera

List of Publications by Year in descending order

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804
papers

26,658
citations

4658

85
h-index

9345

143
g-index

809
all docs

809
docs citations

809
times ranked

8914
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALICE experiment at the CERN LHC. <i>Journal of Instrumentation</i> , 2008, 3, S08002-S08002.	1.2	811
2	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2010, 105, 252302.	7.8	659
3	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 696, 30-39.	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. <i>Physical Review Letters</i> , 2011, 106, 032301.	7.8	507
5	Performance of the ALICE experiment at the CERN LHC. <i>International Journal of Modern Physics A</i> , 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. <i>Physical Review Letters</i> , 2011, 107, 032301.	7.8	482
7	Production of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 30-39.	2.9	465
8	ALICE: Physics Performance Report, Volume II. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 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. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 30-39.	4.1	433
10	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. <i>Nature Physics</i> , 2017, 13, 535-539.	16.7	399
11	ALICE: Physics Performance Report, Volume I. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004, 30, 1517-1763.	3.6	366
12	Multiplicity dependence of pion, kaon, proton and lambda production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2010, 105, 252301.	7.8	307
13	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2011, 106, 032301.	4.1	301
14	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2010, 105, 252301.	7.8	296
15	Production of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 696, 30-39.	7.8	270
16	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. <i>Physical Review C</i> , 2013, 88, 044907.	2.9	267
17	Long-range angular correlations of π and p in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 164-177.	4.1	235
18	Long-range angular correlations of π and p in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 164-177.	4.1	235

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19	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
20	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7\mathrm{TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
21	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.1	210
22	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900\mathrm{GeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
23	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review Letters, 2013, 110, 012301.	4.1	205
24	Charmonium and $e+e\bar{\nu}$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. European Physical Journal C, 2013, 73, 2617.	3.9	203
25	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
26	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and $2.36\mathrm{TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	3.9	199
27	Suppression of high transverse momentum D mesons at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review Letters, 2012, 109, 072301.	7.8	194
28	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	1.2	189
29	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.1	189
30	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review Letters, 2012, 708, 249-264.	4.1	188
31	Production and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review Letters, 2012, 109, 072301.	4.1	184
32	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review Letters, 2016, 116, 222302.	7.8	182
33	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review C, 2015, 91, 054907.	4.1	180
34	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	1.2	171
35	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7\mathrm{TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	4.1	171
36	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$. Physical Review Letters, 2013, 111, 102301.	7.8	171

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37	Centrality, rapidity and transverse momentum dependence of π^0 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	171
38	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	4.1	163
39	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	4.1	156
40	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	4.1	154
41	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	155
42	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	154
43	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	151
44	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
45	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
46	Big Data Analytics for Earth Sciences: the EarthServer approach. International Journal of Digital Earth, 2016, 9, 3-29.	3.9	142
47	Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	140
48	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
49	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	138
50	Centrality dependence of particle production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	2.9	135
51	Nutrient-specific modulation of gastric mechanosensitivity in patients with functional dyspepsia. Digestive Diseases and Sciences, 1995, 40, 1636-1641.	2.3	134
52	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	4.1	133
53	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, 2012, 717, 162-172.	4.1	130
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 $\sqrt{s}=2.76$ 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	Abnormal sensitivity to duodenal lipid infusion in patients with functional dyspepsia. <i>European Journal of Gastroenterology and Hepatology</i> , 1995, 7, 1051-1057.	1.6	120
60	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
61	Rapidity and transverse momentum dependence of inclusive Λ production in pp collisions at $\sqrt{s}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.1	115
62	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
63	Production of $\Lambda(1520)$ and $\Sigma(1385)$ in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	111
64	Multi-strange baryon production in p-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2011, 106, 111.	4.1	111
65	Production of strange baryons, Λ and Σ , in pp collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2011, 106, 111.	2.9	110
66	Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 746, 1-14.	4.7	105
67	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
68	Azimuthal anisotropy of D -meson production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review C</i> , 2011, 83, 044907.	2.9	101
69	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2011, 106, 111.	7.8	100
70	Polarization in p -Pb Collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2011, 106, 111.	7.8	99
71	Enhancement of hyperon production at central rapidity in 158 AGeV p -Pb collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006, 32, 427-441.	3.6	98
72	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

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73	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. Production of Muons from Heavy Flavor Decays at Forward Rapidity in	4.7	97
74	and Pb-Pb Collisions at	7.8	96
75	Meson Production in Femtoscopic	7.8	94
76	collisions at 7.4 TeV at the LHC with two-pion Bose-Einstein correlations. Physical Review D, 2011, 84, .	4.7	93
77	production as a function of charged particle multiplicity in pp collisions at Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in pPb collisions at	4.1	93
78	production in pp collisions at pp collisions at	4.1	93
79	pp collisions at Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	92
80	Measurement of quarkonium production at forward rapidity in pp collisions at pp collisions at	3.9	89
81	Production of K^0_S and ϕ (1020) in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245. Multiplicity dependence of light-flavor hadron production in collisions at	3.9	89
82	collisions at	2.9	89
83	production in pp collisions at Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	4.1	88
84	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. Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at	4.7	88
85	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at	2.9	86
86	Production of strange baryons in pp collisions at	2.9	86
87	pp collisions at	2.9	86
88	meson production at high transverse momentum in 2017, 95, .	2.9	86
89	Unveiling the strong interaction among hadrons at the LHC. Nature, 2020, 588, 232-238.	27.8	85
90	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82

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91	Measurement of an Excess in the Yield of Λ Hyperons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	80
92	Measurement of the Λ Hyperon Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	77
93	Production of Λ Hyperons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	77
94	Production of Λ Hyperons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	1.5	74
95	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
96	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
97	Energy dependence of hyperon production in nucleus-nucleus collisions at SPS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 68-74.	4.1	71
98	Production of deuterons, tritons, and their antinuclei in heavy-ion collisions. Physical Review Letters, 2010, 105, 072002.	2.9	71
99	Heavy-flavor hadron production at forward rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.7	68
100	Flow in Pb-Pb Collisions at Midrapidity. Physical Review Letters, 2010, 105, 072002.	7.8	69
101	Measurement of the differential 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.	4.7	68
102	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
103	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	67
104	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
105	Suppression of Λ Hyperon Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	67
106	Suppression of Λ Hyperon Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	4.1	67
107	Measurement of the Λ Hyperon Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	4.1	67
108	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66

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109	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 1-3. https://doi.org/10.1016/j.nucphysb.2019.07.001	7.8	64
110	Study of the h production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 1-3. https://doi.org/10.1016/j.nucphysb.2019.07.001	4.1	64
111	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 1-3. https://doi.org/10.1016/j.nucphysb.2019.07.001	2.9	64
112	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
113	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
114	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 1-3. https://doi.org/10.1016/j.nucphysb.2019.07.001	4.1	62
115	Two-pion Bose-Einstein correlations in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 1-3. https://doi.org/10.1016/j.nucphysb.2019.07.001	4.7	61
116	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
117	Bulk properties of $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV measured by ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124007.	3.6	60
118	Production of inclusive \bar{p} (1S) and \bar{p} (2S) in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 1-3. https://doi.org/10.1016/j.nucphysb.2019.07.001	4.1	60
119	Directed flow of charged particles at midrapidity relative to the spectator plane in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	7.8	58
120	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
121	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	7.8	58
122	Transverse momentum dependence of inclusive primary charged-particle production in pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
123	INDIGO-DataCloud: a Platform to Facilitate Seamless Access to E-Infrastructures. Journal of Grid Computing, 2018, 16, 381-408.	3.9	58
124	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	57
125	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	57
126	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

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127	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	2.9	55
128	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
129	Measurement of D^0 , D^+ , D^{*+} and $D+s$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
130	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
131	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at the LHC. 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 $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	2.9	50
134	Energy dependence of forward-rapidity J/ψ and $\psi(2S)$ 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 p+Pb collisions at $\sqrt{s_{NN}}=5.02$ 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 $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
140	Production of meson in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	2.9	47
141	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
142	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2015, 92, .	4.1	46
143	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
144	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

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145	Forward-central two-particle correlations in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 753, 126-130.	4.7	45
146	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45
147	ϕ 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	Title is missing!. Acta Physica Polonica B, 2011, 42, 859.	0.8	43
150	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2016, 93, .	2.9	43
151	Measurement of $\langle D^0 \rangle$, $\langle D^+ \rangle$, $\langle D^{*+} \rangle$ and $\langle D^+_{s1} \rangle$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
152	ϕ +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
153	The DECIDE Science Gateway. Journal of Grid Computing, 2012, 10, 689-707.	3.9	41
154	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	16.7	41
155	Strong impact parameter dependence of hard photon production in intermediate energy heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 46-49.	4.1	40
156	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
157	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
158	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	4.1	40
159	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
160	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
161	Two-pion femtoscopy in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2015, 91, .	2.9	39
162	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39

#	ARTICLE	IF	CITATIONS
163	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. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" $\sqrt{s_{NN}} = 5.02 \text{ TeV}$	4.1	39
164	Production of ϕ mesons in ultra-peripheral Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" $\sqrt{s_{NN}} = 2.76 \text{ TeV}$	4.1	39
165	Production of ϕ mesons in ultra-peripheral Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" $\sqrt{s_{NN}} = 2.76 \text{ TeV}$	4.1	38
166	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1. http://www.w3.org/1998/Math/MathML	4.7	38
167	Production of J/ψ mesons in ultra-peripheral Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" $\sqrt{s_{NN}} = 2.76 \text{ TeV}$	7.8	38
168	Multiplicity dependence of π^0 , K, and p production in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2020, 80, 1. http://www.w3.org/1998/Math/MathML	3.9	38
169	Evidence of a scattering effect in p-Pb collisions at the LHC through production of K^0_S mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370. http://www.w3.org/1998/Math/MathML altimg="si1.svg" $\sqrt{s_{NN}} = 2.76 \text{ TeV}$	4.1	37
170	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370. http://www.w3.org/1998/Math/MathML altimg="si1.svg" $\sqrt{s_{NN}} = 2.76 \text{ TeV}$	4.1	37
171	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
172	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
173	Identified particles in pp and Pb-Pb collisions at LHC energies with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124025.	3.6	36
174	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
175	Measurement of transverse energy at midrapidity in Pb-Pb collisions at the LHC. Physical Review C, 2016, 94, 014907. http://www.w3.org/1998/Math/MathML $\sqrt{s_{NN}} = 2.76 \text{ TeV}$	4.9	36
176	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at the LHC. Physical Review C, 2016, 93, 014907. http://www.w3.org/1998/Math/MathML $\sqrt{s_{NN}} = 2.76 \text{ TeV}$	4.9	36
177	Production of $\Sigma(1385)^{\pm}$ baryons in pp collisions at the LHC. European Physical Journal C, 2017, 77, 389.	3.9	36
178	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
179	Charged jet cross sections and properties in proton-proton collisions at the LHC. Physical Review D, 2015, 91, 034011. http://www.w3.org/1998/Math/MathML $\sqrt{s} = 7 \text{ TeV}$	4.7	35
180	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35

#	ARTICLE	IF	CITATIONS
181	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2015, 15, 1.	4.1	35
182	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.	3.9	34
183	TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
184	and $\langle \mathcal{N}^2 \rangle$ and $\langle \mathcal{N} \rangle$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
185	Energy dependence of exclusive J/ψ photoproduction off protons in ultra-peripheral p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
186	Anisotropic flow at the LHC measured with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124013.	3.6	33
187	Elliptic and triangular flow of identified particles measured with the ALICE detector at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124047.	3.6	33
188	Multiplicity dependence of jet-like two-particle correlation structures in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.7	33
189	Differential studies of inclusive J/ψ and $\bar{\psi}(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
190	Measurement of electrons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	4.1	33
191	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7, 13$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
192	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
193	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
194	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
195	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
196	Centrality dependence of charged jet production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
197	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
198	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31

#	ARTICLE	IF	CITATIONS
199	e-Infrastructures for e-Science: A Global View. Journal of Grid Computing, 2011, 9, 155-184.	3.9	30
200	Title is missing!. Acta Physica Polonica B, 2012, 43, 555.	0.8	30
201	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
202	Coherent ρ^0 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
203	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
204	Pseudorapidity dependence of the anisotropic flow of charged particles in PbPb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	3.1	30
205	Experimental Evidence for an Attractive $\bar{c}c$ Interaction. Physical Review Letters, 2021, 127, 172301.	7.8	30
206	Diffraction dissociation in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV with ALICE at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124044.	3.6	29
207	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
208	Measurements of inclusive jet spectra in pPb and central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2020, 101, 014907.	2.9	29
209	Production and Baryon-to-Meson Ratios in pPb Collisions. Physical Review Letters, 2018, 121, 022301.	7.8	29
210	Strangeness enhancements at central rapidity in 40 A GeV/c PbPb collisions. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 045105.	3.6	28
211	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
212	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
213	Constraints on jet quenching in pPb collisions at $\sqrt{s_{\text{NN}}}=5.02$ 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
214	J/ψ suppression at forward rapidity in PbPb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	28
215	Direct observation of the dead-cone effect in quantum chromodynamics. Nature, 2022, 605, 440-446.	27.8	28
216	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

#	ARTICLE	IF	CITATIONS
217	Particle production at large transverse momentum with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124014.	3.6	27
218	Charged kaon femtoscopic correlations in p - p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2016, 93, 054907.	4.7	27
219	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, 054908.	2.9	27
220	Search for weakly decaying $\Lambda(1520)$ in p - p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2016, 93, 054909.	4.1	27
221	Multiplicity dependence of light (anti)-nucleon production in p - p collisions at $\sqrt{s} = 2.76$ TeV. Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
222	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
223	ALICE HLT High Speed Tracking on GPU. IEEE Transactions on Nuclear Science, 2011, 58, 1845-1851.	2.0	26
224	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135758.	4.1	26
225	ALICE results from the first Pb-Pb run at the CERN LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124003.	3.6	25
226	Measurement of electrons from semileptonic heavy-flavor hadron decays in p - p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
227	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, 054910.	2.9	25
228	Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pb-Pb collisions at the LHC, measured with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124032.	3.6	24
229	Suppression of $\Upsilon(2S)$ production in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
230	Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pb-Pb collisions at the LHC, measured with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124032.	3.6	24
231	Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity p - p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2018, 97, 054907.	4.1	24
232	Determination of the event centrality in the WA97 and NA57 experiments. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 391-396.	3.6	24
233	Heavy-flavour production in Pb-Pb collisions at the LHC, measured with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124032.	3.6	24
234	Suppression of $\Upsilon(2S)$ production in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24

#	ARTICLE	IF	CITATIONS
235	(Anti-)deuteron production in pp collisions at $\sqrt{s}=13$ ext {TeV}\$. European Physical Journal C, 2020, 80, 1.	3.9	24
236	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. Physical Review D, 2022, 105, .	4.7	24
237	Correlations in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	4.1	22
238	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	4.1	23
239	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
240	Production of light-flavor hadrons in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
241	Production of light-flavor hadrons in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
242	Production of light-flavor hadrons in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
243	Prompt D ₀ , D ₊ , and D _s ⁺ production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
244	Statistical and microscopic description of energetic products in the reactions induced by ¹⁶ O, ²⁷ Ni, and ¹⁹⁷ Au at 94 MeV/nucleon. Physical Review C, 1991, 43, 190-200.	2.9	22
245	Multiplicity dependence of K ^{*(892)0} and $\bar{K}^*(1020)$ production in pp collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	4.1	22
246	Transverse momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	4.1	22
247	New results from the NA57 experiment. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S717-S724.	3.6	21
248	Central-to-peripheral nuclear modification factors in Pb-Pb collisions at $\sqrt{s_{NN}}=17.3$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 17-25.	4.1	21
249	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 96, 014907.	4.1	21
250	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135434.	4.1	21
251	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
252	Measurement of the Cross Sections of $\psi(2S)$ production in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 1.	7.8	21

#	ARTICLE	IF	CITATIONS
253	Light-Fragment Emission in Heavy-Ion Reactions Producing Pions and Protons in 16 O + 27 Al Collisions at 94 MeV/nucleon. <i>Europhysics Letters</i> , 1988, 6, 25-30.	2.0	20
254	Jet-like correlations with neutral pion triggers in pp and central Pbâ€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
255	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	20
256	Production of the η meson in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, 054907.	2.9	20
257	Resonance production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, 054907.	2.9	20
258	Exploration of jet substructure using iterative declustering in pp and Pbâ€Pb collisions at LHC energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 802, 135227.	4.1	20
259	Silicon pixel detectors for tracking in NA57. <i>Nuclear Physics A</i> , 1999, 661, 716-720.	1.5	19
260	Production of nuclei and antinuclei in pp and Pbâ€Pb collisions with ALICE at the LHC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2011, 38, 124189.	3.6	19
261	Performance of the RPC-based ALICE muon trigger system at the LHC. <i>Journal of Instrumentation</i> , 2012, 7, T12002-T12002.	1.2	19
262	Measurement of dijet T in Pbâ€Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Physical Review C</i> , 2019, 99, 054907.	4.1	19
263	Measurement of D_s production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	19
264	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, 054907.	2.9	19
265	Exploring the \tilde{N} - \tilde{N}^c coupled system with high precision correlation techniques at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 833, 137272.	4.1	19
266	A study for the use of the LNS crystal ball multidetector as a neutral pions spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991, 306, 283-290.	1.6	18
267	Impact-parameter dependence of neutral pion production in the Ar36 on Al27 collision at 95 MeV/nucleon. <i>Physical Review C</i> , 1993, 48, 2350-2354.	2.9	18
268	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
269	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
270	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	18

#	ARTICLE	IF	CITATIONS
271	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in p -Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	7.8	18
272	Measurement of prompt D^0 , D^+ , D^{*+} , and $\psi(2S)$ production in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
273	Pb-Pb 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
274	Coherent $\psi(2S)$ and $\psi(1S)$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
275	Measurement of prompt D^0 production in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	7.8	18
276	Measurement of prompt D^0 production in p -Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.1	18
277	Neutral pion production in the $^{16}O+^{27}Al$ reaction at 94 MeV/nucleon. Physical Review C, 1993, 47, 231-236.	2.9	17
278	Hot-nuclei formation and decay: The Ar + Ag system at 50 and 70. Nuclear Physics A, 1994, 571, 588-616.	1.5	17
279	The ALICE high level trigger. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S1097-S1100.	3.6	17
280	Quarkonium production measurements with the ALICE detector at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124034.	3.6	17
281	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
282	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
283	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
284	Photon-Photon Correlation in the $A^{36}r+A^{27}l$ reaction at 95 MeV/Nucleon. Physical Review Letters, 1995, 74, 4779-4782.	7.8	16
285	Study of the transverse mass spectra of strange particles in Pb-Pb collisions at 158 AGeV/c. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 823-840.	3.6	16
286	J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, measured with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124111.	3.6	16
287	Charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124165.	3.6	16
288	Vector meson production in pp collisions at $\sqrt{s} = 7$, $\sqrt{s} = 13.6$ TeV, measured with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124083.	3.6	16

#	ARTICLE	IF	CITATIONS
289	Prompt and non-prompt ψ/ψ' production and nuclear modification at mid-rapidity in $\sqrt{s_{\text{NN}}}=5.02$ TeV Pb collisions. European Physical Journal C, 2018, 78, 1.	3.9	16
290	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
291	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
292	Evidence of a two-source emission for light charged particles in coincidence with pions produced in $^{16}\text{O} + ^{27}\text{Al}$ collisions at 94 MeV/nucleon. Nuclear Physics A, 1990, 518, 767-785.	1.5	15
293	Subthreshold Production of Low Momentum K^+/π^+ at 1.2 GeV. Physical Review Letters, 1998, 80, 4863-4866.	7.8	15
294	GENIUS: a web portal for the grid. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 502, 433-436.	1.6	15
295	ψ' and ψ measurement with photon conversions in ALICE in proton-proton collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Nuclear Physics A, 2011, 855, 281-284.	1.5	15
296	Charged particle directed flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV measured with ALICE at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124167.	3.6	15
297	Particle identification in the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124073.	3.6	15
298	Relative particle yield fluctuations in $\sqrt{s_{\text{NN}}}=2.76$ TeV Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
299	$K^*(892)^0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at $\sqrt{s}=8$ TeV. Physical Review C, 2020, 102, .	2.9	15
300	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Nuclear Physics A, 2020, 943, 1-16.	4.1	15
301	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
302	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
303	Nuclear modification factor of light neutral meson spectra up to high transverse momentum in p-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Nuclear Physics A, 2020, 943, 1-16.	4.1	15
304	Observation of a multiplicity dependence in the pT-differential charm baryon-to-meson ratios in proton-proton collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Nuclear Physics A, 2020, 943, 1-16.	4.1	15
305	Production of Λ hyperons in p-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Nuclear Physics A, 2020, 943, 1-16.	7.8	15
306	Hyperon yields in Pb-Pb collisions from NA57 experiment. Nuclear Physics A, 2003, 715, 140c-150c.	1.5	14

#	ARTICLE	IF	CITATIONS
307	Blast-wave analysis of strange particle spectra in Pb-Pb collisions at the SPS. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S127-S133.	3.6	14
308	A grid portal with robot certificates for bioinformatics phylogenetic analyses. Concurrency Computation Practice and Experience, 2011, 23, 246-255.	2.2	14
309	Production of strange baryons and antibaryons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 83, 054907.	3.6	13
310	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	7.5	14
311	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, 054907.	7.5	13
312	v_2 elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
313	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
314	Λ_c^+ production and nuclear modification at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 83, 054907.	4.1	14
315	Inclusive Λ_c^+ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
316	The INFN-Grid Testbed. Future Generation Computer Systems, 2005, 21, 249-258.	7.5	13
317	Multiplicity of charged particles in Pb-Pb collisions at SPS energies. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 321-335.	3.6	13
318	The GENIUS Grid Portal: Its Architecture, Improvements of Features, and New Implementations about Authentication and Authorization. , 2007, , .		13
319	The GENIUS Grid Portal and robot certificates: a new tool for e-Science. BMC Bioinformatics, 2009, 10, S21.	2.6	13
320	K^+ and Λ_c^+ production in Pb-Pb collisions with the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124078.	3.6	13
321	Measurement of π^0 , K, p transverse momentum spectra with ALICE in proton-proton collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124074.	3.6	13
322	Charged-particle multiplicity and transverse energy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124040.	3.6	13
323	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
324	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

#	ARTICLE	IF	CITATIONS
325	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
326	Neutral pion and $\hat{1}$ -meson production at midrapidity in Pb-Pb collisions at sNN=2.76 TeV. Physical Review C, 2018, 98, .	2.9	13
327	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s} = 8$ s. European Physical Journal C, 2018, 78, 1.	3.9	13
328	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
329	Studies of J/ψ 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
330	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
331	GENIUS: a simple and easy way to access computational and data grids. Future Generation Computer Systems, 2003, 19, 805-813.	7.5	12
332	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
333	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at sNN=2.76 TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
334	J/ψ 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
335	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, Measuring K^0_S production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 152301.	3.9	12
336	Measuring K^0_S production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 152301.	4.1	12
337	Study of J/ψ 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
338	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
339	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 0.7$ and 13 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
340	Light fragment emission correlated with large transverse momentum protons in 94 mev/u 16O induced reactions. Nuclear Physics A, 1990, 511, 442-460.	1.5	11
341	Photon intensity interferometry with multidetectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 351, 387-400.	1.6	11
342	Search for $\omega(1232)$ -resonance excitation in heavy-ion collisions around 100 MeV/nucleon. Physical Review C, 1996, 54, R2138-R2142.	2.9	11

#	ARTICLE	IF	CITATIONS
343	GILDA: The Grid INFN Virtual Laboratory for Dissemination Activities. , 0, , .		11
344	PHOS, the ALICE-PHOton spectrometer. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S719-S723.	3.6	11
345	Data sonification of volcano seismograms and Sound/Timbre reconstruction of ancient musical instruments with Grid infrastructures. Procedia Computer Science, 2010, 1, 397-406.	2.0	11
346	D meson nuclear modification factors in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$, measured with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124139.	3.6	11
347	Untriggered di-hadron correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76 \text{ TeV}$ from ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124093.	3.6	11
348	Investigation of charm and beauty production via semileptonic decays of heavy-flavour hadrons in pp at 7 TeV and Pb-Pb at 2.76 TeV with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124069.	3.6	11
349	Open science: Approaches and benefits for modeling & simulation. , 2017, , .		11
350	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
351	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-516.		
352	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. European Physical Journal C, 2020, 80, 1.	3.9	11
353	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. Physical Review Letters, 2022, 128, 102001.	4.1	11
354	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
355	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
356	Underlying event properties in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
357	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in pp and Pb-Pb Collisions at $\sqrt{s} = 13 \text{ TeV}$. Physical Review Letters, 2022, 128, 102001.	7.8	11
358	Breakup of the projectile induced reactions on Al ²⁷ , Ni ⁵⁸ , and Au ¹⁹⁷ targets around 100 MeV/nucleon. Physical Review C, 1993, 48, 633-646.	2.9	10
359	Results on hyperon production from NA57. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1607-1614.	3.6	10
360	Transition radiation spectra of electrons from 1 to 10 GeV/c in regular and irregular radiators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 558, 516-525.	1.6	10

#	ARTICLE	IF	CITATIONS
361	Charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV measured with ALICE at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124112.	3.6	10
362	Cross-section normalization in proton-proton collisions at $\sqrt{s}=2.76$ and 7 TeV, with ALICE at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124131.	3.6	10
363	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
364	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 7 TeV. Physical Review C, 2017, 96, 014904.	2.9	10
365	Inclusive J/ψ production in Xe-Xe collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 96, 014904.	2.9	10
366	Two-particle differential transverse momentum and number density correlations in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV and 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, 014904.	2.9	10
367	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s}=7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
368	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
369	Subthreshold production of pions in coincidence with light particles. Nuclear Physics A, 1990, 519, 231-240.	1.5	9
370	Proton-helium correlation in 94 MeV/nucleon induced reactions on Al, Ni, and Au targets. Physical Review C, 1992, 45, 1730-1744.	2.9	9
371	Status of the NA57 experiment at CERN SPS. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 383-390.	3.6	9
372	Vertex finding in ALICE by the use of silicon pixel layers in the inner tracking system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 485, 100-104.	1.6	9
373	THE ALICE FORWARD MULTIPLICITY DETECTOR. International Journal of Modern Physics E, 2007, 16, 2432-2437.	1.0	9
374	Heavy-ion physics with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S511-S518.	3.6	9
375	The ALICE Electronic Logbook. Journal of Physics: Conference Series, 2010, 219, 022027.	0.4	9
376	Elliptic flow at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124170.	3.6	9
377	Commissioning and first performance of the resistive plate chambers for the ALICE muon arm. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S45-S49.	1.6	9
378	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

#	ARTICLE	IF	CITATIONS
379	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
380	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, .	4.7	9
381	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
382	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 605.	0.1	9
383	Hypertriton Production in p-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2022, 128, .	7.8	9
384	Semi exclusive pion production by heavy-ions at energy below 100 MeV/u. Nuclear Physics A, 1988, 482, 511-524.	1.5	8
385	^{16}O breakup on Al, Ni and Au targets at 94 MeV/nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 11-15.	4.1	8
386	Strange particle production in 158 and 40A GeV/c Pb-Pb and p-Be collisions. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S135-S140.	3.6	8
387	The control system for the front-end electronics of the ALICE time projection chamber. IEEE Transactions on Nuclear Science, 2006, 53, 980-985.	2.0	8
388	Transverse dynamics of Pb-Pb collisions at 40A GeV/c viewed by strange hadrons. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 2065-2080.	3.6	8
389	The ALICE data quality monitoring. Journal of Physics: Conference Series, 2010, 219, 022023.	0.4	8
390	From raw data to physics results with ALICE PHOS. Journal of Physics: Conference Series, 2011, 293, 012026.	0.4	8
391	Femtoscopia of Pb-Pb and pp collisions at the LHC with the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124008.	3.6	8
392	Triggered di-hadron correlations in Pb-Pb collisions from the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124091.	3.6	8
393	Hadron correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124028.	3.6	8
394	ρ -meson production at forward rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV and in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 369, 11-15.	5.02	8
395	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	7.8	8
396	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

#	ARTICLE	IF	CITATIONS
397	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
398	Measurement of charged jet cross section in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136708.	4.7	8
399	Measurement of the inclusive isolated photon production cross section in pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2019, 79, 1.	4.1	8
400	collisions at $\sqrt{s_{NN}}=K$ femtoscopy in Pb-Pb TeV. Physical Review C, 2021, 103, .	2.9	8
401	Measurement of the inclusive isolated photon production cross section in pp collisions at $\sqrt{s_{NN}}=7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
402	A Simplified Access to Grid Resources by Science Gateways. , 2011, , .		8
403	Kaon π proton strong interaction at low relative momentum via femtoscopy in Pb π Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136708.	4.1	8
404	Subthreshold pion production from nucleus-nucleus collisions around 100 MeV/nucleon. Zeitschrift für Physik A, 1993, 344, 455-467.	0.9	7
405	Benchmarks and implementation of the ALICE high level trigger. IEEE Transactions on Nuclear Science, 2006, 53, 854-858.	2.0	7
406	Electroweak boson detection in the ALICE muon spectrometer. European Physical Journal C, 2007, 49, 149-154.	3.9	7
407	Strange prospects for LHC energies. European Physical Journal C, 2007, 49, 121-124.	3.9	7
408	First Results from the ALICE experiment at the LHC. Nuclear Physics A, 2011, 862-863, 78-84.	1.5	7
409	Suppression of neutral pion production at large transverse momentum measured with the ALICE experiment in Pb π Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124117.	3.6	7
410	Distributed and cloud-based multi-model analytics experiments on large volumes of climate change data in the earth system grid federation eco-system. , 2016, , .		7
411	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
412	Measurement of Z0-boson production at large rapidities in Pb π 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
413	Measurement of jet radial profiles in Pb π 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
414	One-dimensional charged kaon femtoscopy in pp -Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2019, 100, .	2.9	7

#	ARTICLE	IF	CITATIONS
415	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 297-300.	2.9	7
416	Measurement of the (anti)3He elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 297-300.	4.1	7
417	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 297-300.	4.1	7
418	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2012, 82, 1.	3.9	7
419	Search for the electromagnetic decay of $\omega(1232)$ resonance in nuclear matter. Physical Review C, 1998, 57, 166-177.	2.9	6
420	The ALICE silicon strip detector system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 251-256.	1.6	6
421	Neural tracking in ALICE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 502, 503-506.	1.6	6
422	The GENIUS Web portal: Grid computing made easy. , 0, , .		6
423	Hyperon production at the CERN SPS: results from the NA57 experiment. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S129-S138.	3.6	6
424	Neural tracking in the ALICE Inner Tracking System. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 543-559.	1.6	6
425	Rapidity distributions around mid-rapidity of strange particles in Pb-Pb collisions at 158 AGeV/c. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 1345-1357.	3.6	6
426	QUARKONIA MEASUREMENTS WITH THE CENTRAL DETECTORS OF ALICE. International Journal of Modern Physics E, 2007, 16, 2484-2490.	1.0	6
427	Expansion dynamics of Pb-Pb collisions at 40 AGeV/c viewed by negatively charged hadrons. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 403-429.	3.6	6
428	Advances in the GRelC Data Access Service. , 2008, , .		6
429	Simulation study of $J/\psi \rightarrow e^+e^-$ detection with $J/\psi \rightarrow e^+e^-$ in pp collisions in the ALICE experiment at LHC. European Physical Journal C, 2009, 61, 899-903.	3.9	6
430	Online processing in the ALICE DAQ The detector algorithms. Journal of Physics: Conference Series, 2010, 219, 022004.	0.4	6
431	The ALICE online data storage system. Journal of Physics: Conference Series, 2010, 219, 052002.	0.4	6
432	Using a Simple Prioritisation Mechanism to Effectively Interoperate Service and Opportunistic Grids in the EELA-2 e-Infrastructure. Journal of Grid Computing, 2011, 9, 241-257.	3.9	6

#	ARTICLE	IF	CITATIONS
433	production in p-p collisions at in the ALICE experiment. Nuclear Physics, Section B, Proceedings Supplements, 2011, 214, 56-59.	0.4	6
434	Measurement of the electromagnetic dissociation cross section of Pb nuclei at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124174.	3.6	6
435	Measurement of the nuclear modification factor of electrons from heavy-flavour decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124186.	3.6	6
436	Production of neutral pions and eta-mesons in pp collisions measured with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124076.	3.6	6
437	Open heavy flavor production in p-p and Pb-Pb collisions as seen by ALICE at the LHC. AIP Conference Proceedings, 2012, , .	0.4	6
438	Production of muons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	4.1	6
439	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	6
440	Dielectron production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
441	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
442	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	4.1	6
443	First measurement of coherent ρ photoproduction in ultra-peripheral Xe-Xe collisions at $\sqrt{s_{NN}} = 1.36$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136440.	4.1	6
444	Inclusive $\psi(2S)$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
445	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
447	Energetic Particle Emission in Heavy-Ion Collisions Around 100 MeV/u. Europhysics Letters, 1991, 15, 145-148.	2.0	5
448	Reactions $Ni^{58,64}(p, \pi^{\pm})$ at 201 MeV. Physical Review C, 1992, 46, 604-615.	2.9	5
449	On the cosmic-ray induced background in neutral pion production measurements with a BaF2 multidetector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 357, 443-449.	1.6	5
450	Nuclear stopping in heavy-ion collisions at 100 MeV/nucleon from inclusive and exclusive neutral pion measurements. Physical Review C, 1996, 53, 1782-1791.	2.9	5

#	ARTICLE	IF	CITATIONS
451	Tracking inside the ALICE Inner Tracking System. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 485, 15-22.	1.6	5
452	Combined tracking in the ALICE detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 534, 211-216.	1.6	5
453	Jet physics in heavy-ion collisions at the LHC with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S597-S602.	3.6	5
454	Results on strangeness production from the NA57 experiment. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S919-S927.	3.6	5
455	GRelC DAS: A Grid-DB Access Service for gLite Based Production Grids. , 2007, , .		5
456	Anisotropic flow from RHIC to the LHC. European Physical Journal C, 2007, 49, 87-90.	3.9	5
457	Photon-Induced Physics with Heavy-Ion Beams in ALICE. Nuclear Physics, Section B, Proceedings Supplements, 2008, 179-180, 156-161.	0.4	5
458	The ALICE Electromagnetic Calorimeter: EMCAL. Journal of Physics: Conference Series, 2011, 293, 012043.	0.4	5
459	Search for gluon saturation effects in quarkonium production in p-Pb collisions at the LHC with the ALICE experiment. Nuclear Physics, Section B, Proceedings Supplements, 2011, 214, 80-83.	0.4	5
460	Measurement of reference cross sections in pp and Pb-Pb collisions at the LHC in van der Meer scans with the ALICE detector. , 2012, , .		5
461	Status and performance of the ALICE MRPC-based Time-Of-Flight detector. Journal of Instrumentation, 2012, 7, P10024-P10024.	1.2	5
462	The demand for consistent web-based workflow editors. , 2013, , .		5
463	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{\text{NN}}}=5.02$ TeV p-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
464	Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
465	Z-boson production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
466	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 225.	0.1	5
467	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 237.	0.1	5
468	Proton and subthreshold pion production correlated with light fragments: A statistical process?. Nuclear Physics A, 1993, 564, 564-594.	1.5	4

#	ARTICLE	IF	CITATIONS
469	Measurement of the Dalitz decay of π^0 produced in heavy ion collisions at intermediate energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 350, 192-198.	1.6	4
470	Preliminary results with the CLAMSUD pion spectrometer at the Moscow Meson Factory. Nuclear Instruments & Methods in Physics Research B, 1995, 99, 657-660.	1.4	4
471	Pion shadowing as a tool to study the topology of heavy-ion collisions at intermediate energies. Physical Review C, 1997, 55, 2506-2520.	2.9	4
472	Search for a narrow resonance structure in pion production from p+C near 350 MeV. Physical Review C, 1997, 56, R596-R599.	2.9	4
473	Measurement of the space-time extent of the hard-photon emitting source in heavy-ion collisions at 100 MeV/nucleon. Physical Review C, 1997, 55, 2521-2532.	2.9	4
474	Physics programme of ALICE experiment. Nuclear Physics A, 2005, 749, 229-242.	1.5	4
475	Hard Probes Capabilities of ALICE: Jets and Photons. Nuclear Physics A, 2007, 783, 427-434.	1.5	4
476	Jet and gamma-jet physics with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104167.	3.6	4
477	The ALICE Data Quality Monitoring system. , 2009, , .		4
478	Generating web-based user interfaces for computational science. Concurrency Computation Practice and Experience, 2011, 23, 256-268.	2.2	4
479	Heavy flavour production in the semi-muonic channel at forward rapidity in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124067.	3.6	4
480	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ and 7 TeV with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124106.	3.6	4
481	Anisotropic flow of charged particles at $\sqrt{s_{\text{NN}}} = 2.76$ TeV measured with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124052.	3.6	4
482	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and Pb-Pb collisions measured by the ALICE experiment at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124095.	3.6	4
483	J/ψ production in pp and Pb - Pb with ALICE at the LHC. , 2012, , .		4
484	A study on the state-of-the-art of e-Infrastructures uptake in Africa. Palgrave Communications, 2015, 1, .	4.7	4
485	A GEANT4 web-based application to support Intra-Operative Electron Radiotherapy using the European grid infrastructure. Concurrency Computation Practice and Experience, 2015, 27, 458-472.	2.2	4
486	Investigating a Science Gateway for an Agent-Based Simulation Application Using REPAST. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
487	Demonstrating Open Science for Modeling & Simulation Research. , 2016, , .		4
488	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4
489	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
490	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
491	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
492	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	4
493	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
494	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
495	Inclusive heavy-flavour production in central and forward rapidity in Xe-Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136437.	4.1	4
496	A Data Engine for Science Gateways: enabling easy data transfer and sharing. , 2012, , .		4
497	Production of ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
498	Study of the CLAMSUD magnetic spectrometer focal plane by a simulation code. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 308, 533-543.	1.6	3
499	Peripheral pion production in projectile breakup reactions at 94 MeV/nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 240-244.	4.1	3
500	Results on 40 A GeV/c PbPb collisions from the NA57 experiment. Nuclear Physics A, 2003, 715, 514c-517c.	1.5	3
501	ALICE distributed analysis of the signal in pp events with the AliEn package. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 534, 189-193.	1.6	3
502	Grid portal-based data management for lattice QCD data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 534, 76-79.	1.6	3
503	Multiplicity of charged particles in relativistic heavy-ion interactions. Nuclear Physics A, 2005, 749, 325-328.	1.5	3
504	The dimuon High Level Trigger. Journal of Physics: Conference Series, 2006, 50, 381-384.	0.4	3

#	ARTICLE	IF	CITATIONS
505	Results from NA57. Nuclear Physics A, 2006, 774, 51-58.	1.5	3
506	OPEN CHARM RECONSTRUCTION IN ALICE: $D^+ \rightarrow K^+ \pi^0$ and $D^0 \rightarrow K^+ \pi^-$. International Journal of Modern Physics E, 2007, 16, 2097-2102.	1.0	3
507	The ALICE experiment at LHC. Nuclear Physics A, 2007, 787, 19-28.	1.5	3
508	Investigation of the ALICE muon forward spectrometer performances for upsilon measurement. European Physical Journal C, 2007, 49, 143-148.	3.9	3
509	Jet physics in ALICE. European Physical Journal C, 2007, 49, 315-319.	3.9	3
510	NA57 main results. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 044005.	3.6	3
511	The ALICE DAQ storage system: an analysis of the impact on the performance of the configuration parameters and of the load of concurrent streams. , 2009, , .		3
512	Commissioning and Prospects for Early Physics with ALICE. Nuclear Physics A, 2009, 830, 81c-88c.	1.5	3
513	Commissioning and first experience of the ALICE Data Acquisition System. , 2009, , .		3
514	The ALICE electromagnetic calorimeter project. Journal of Physics: Conference Series, 2009, 160, 012012.	0.4	3
515	Detection of atmospheric muons with ALICE detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 57-61.	1.6	3
516	Study of strange particle production in pp collisions with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 094049.	3.6	3
517	The ALICE DAQ, current status and future evolution. Journal of Physics: Conference Series, 2011, 331, 022028.	0.4	3
518	Inclusive electron spectrum from heavy-flavour decays in proton-proton collisions at measured with ALICE at LHC. Nuclear Physics A, 2011, 855, 432-435.	1.5	3
519	Performance and First Physics Results of the ALICE Muon Spectrometer. Nuclear Physics A, 2011, 862-863, 223-230.	1.5	3
520	A European framework to build science gateways. , 2011, , .		3
521	Anisotropic flow analysis in the ALICE experiment. , 2011, , .		3
522	ALICE detector upgrades. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124128.	3.6	3

#	ARTICLE	IF	CITATIONS
523	High T suppression of \hat{b} and K^0_S in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124080.	3.6	3
524	Resonance measurements in pp collisions with the ALICE detector and prospects for Pb-Pb. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124077.	3.6	3
525	Title is missing!. Acta Physica Polonica B, 2012, 43, 645.	0.8	3
526	Correlations and fluctuations studied with ALICE. Journal of Physics: Conference Series, 2012, 389, 012036.	0.4	3
527	Connecting the underlying event with jet properties in pp collisions at $\sqrt{s} = 7$ TeV with the ALICE experiment. Journal of Physics: Conference Series, 2012, 389, 012004.	0.4	3
528	A Resilient Methodology for Accessing and Exploiting Data and Scientific Codes on Distributed Environments. , 2015, , .		3
529	Two-level Dynamic Workflow Orchestration in the INDIGO DataCloud for Large-scale, Climate Change Data Analytics Experiments. Procedia Computer Science, 2016, 80, 722-733.	2.0	3
530	The Catania Science Gateway Framework in the ReCaS Environment. , 2017, , 473-483.		3
531	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	3
532	Building Global Research Capacity in Public Health: The Case of a Science Gateway for Physical Activity Lifelong Modelling and Simulation. , 2019, , .		3
533	Measurement of isolated photon-hadron correlations in $\sqrt{s} = 5.02$ TeV and $\sqrt{s} = 2.76$ TeV Pb-Pb collisions. Physical Review C, 2020, 102, .	2.9	3
534	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13.6$ TeV. Physical Review Letters, 2021, 127, 042302.	7.8	3
535	Production of \hat{b} and K^0_S in pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 828, 137013.	4.1	3
536	Measurement of K^0_S 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
537	Multiplicity dependence of charged-particle jet production in pp collisions at $\sqrt{s} = 13-27.6$ TeV. European Physical Journal C, 2022, 82, .	3.9	3
538	Charged pions from the isotopes $^{58,64}\text{Ni}$ by 201 MeV protons. Physical Review C, 1989, 40, 1081-1084.	2.9	2
539	Light charged particles associated with subthreshold neutral pion emission in the $^{16}\text{O} + ^{27}\text{Al}$ reaction. Zeitschrift für Physik A, 1993, 346, 293-296.	0.9	2
540	The ALICE dimuon spectrometer. Nuclear Physics A, 2003, 715, 839c-842c.	1.5	2

#	ARTICLE	IF	CITATIONS
541	Hyperon production in 40AGeV/collisions from the NA57 experiment. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S199-S204.	3.6	2
542	Multiplicity of charged particles in Pb-Pb collisions at SPS energies. Journal of Physics: Conference Series, 2005, 5, 64-73.	0.4	2
543	The Muon Spectrometer of the ALICE experiment. Nuclear Physics A, 2005, 749, 313-319.	1.5	2
544	Measuring beauty production in Pb-Pb collisions at the LHC via single electrons in ALICE. European Physical Journal D, 2005, 55, 1631-1634.	0.4	2
545	Results from NA57. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, S89-S95.	3.6	2
546	SHORT LIVED RESONANCES IN ALICE. International Journal of Modern Physics E, 2007, 16, 2463-2469.	1.0	2
547	ALICE potential for heavy-flavour physics. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S943-S946.	3.6	2
548	Multiple Middleware Co-existence: Another Aspect of Grid Interoperation. , 2007, , .		2
549	Jet measurements in the ALICE experiment at the LHC. Nuclear Physics A, 2007, 787, 52-59.	1.5	2
550	Heavy-Ion Physics with ALICE. Nuclear Physics, Section B, Proceedings Supplements, 2008, 177-178, 156-160.	0.4	2
551	The ALICE detector and trigger strategy for diffractive and electromagnetic processes. Nuclear Physics, Section B, Proceedings Supplements, 2008, 179-180, 196-201.	0.4	2
552	High-p t and jet physics from RHIC to LHC. Physics of Atomic Nuclei, 2008, 71, 1535-1542.	0.4	2
553	Study of short-lived resonances in ALICE. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 044052.	3.6	2
554	Prospects for $\bar{\Lambda}^0$ meson production in pp collisions at the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 044058.	3.6	2
555	Study of the ALICE performance for the measurement of beauty production. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 044047.	3.6	2
556	The ALICE muon spectrometer and related physics. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104145.	3.6	2
557	Commissioning and calibration of the Zero Degree Calorimeters for the ALICE experiment. Journal of Physics: Conference Series, 2009, 160, 012060.	0.4	2
558	The ALICE electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 5-8.	1.6	2

#	ARTICLE	IF	CITATIONS
559	The colour glass condensate framework in p+p and Pb+p interactions at the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 094050.	3.6	2
560	Multi-strange particle measurements in 7 TeV proton-proton and 2.76 TeV Pb-Pb collisions with the ALICE experiment at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124079.	3.6	2
561	π^0 -reconstruction from photon conversions in ALICE for first p-p collisions at the LHC. Journal of Physics: Conference Series, 2011, 270, 012035.	0.4	2
562	The ALICE Geant4 Simulation. Journal of Physics: Conference Series, 2011, 331, 032016.	0.4	2
563	Search for collective expansion in pp collisions at the LHC. Journal of Physics: Conference Series, 2011, 270, 012046.	0.4	2
564	Commissioning of the ALICE-PHOS trigger. Journal of Physics: Conference Series, 2011, 293, 012062.	0.4	2
565	Measurement of heavy-flavour production in proton-proton collisions at with ALICE. Nuclear Physics A, 2011, 855, 166-173.	1.5	2
566	Detector performance of the ALICE silicon pixel detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 77-80.	1.6	2
567	Small-x physics with the ALICE experiment at the CERN-LHC. Nuclear Physics A, 2011, 854, 230-236.	1.5	2
568	Photon multiplicity measurements at forward rapidity in the ALICE experiment at CERN. Nuclear Physics A, 2011, 862-863, 279-282.	1.5	2
569	PARTON DISCRIMINATION USING JETS WITH ALICE AT THE LHC. International Journal of Modern Physics E, 2011, 20, 1561-1565.	1.0	2
570	Central Diffraction in ALICE. , 2011, , .		2
571	Title is missing!. Acta Physica Polonica B, 2011, 42, 1401.	0.8	2
572	Two-pion Bose-Einstein correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV measured with the ALICE experiment. , 2012, , .		2
573	Strange and identified hadron production at the LHC with ALICE. , 2012, , .		2
574	Charged particle jet measurements with the ALICE experiment in proton-proton collisions at the LHC. Journal of Physics: Conference Series, 2012, 389, 012005.	0.4	2
575	$\langle i \rangle \langle i \rangle$ Measurements with the ALICE Experiment at the LHC. Journal of Physics: Conference Series, 2012, 389, 012028.	0.4	2
576	Multi-strange baryon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV measured with the ALICE detector. Open Physics, 2012, 10, .	1.7	2

#	ARTICLE	IF	CITATIONS
577	Quarkonia production at forward rapidity in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ALICE detector. Pramana - Journal of Physics, 2012, 79, 863-866.	1.8	2
578	Grid Computing Technology and the Recurrence Quantification Analysis to Predict Seizure Occurrence in Patients Affected by Drug-Resistant Epilepsy. , 2011, , 493-506.		2
579	Silicon pixel detectors for tracking in NA57*1. Nuclear Physics A, 1999, 661, 716c-720c.	1.5	2
580	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 243.	0.1	2
581	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 407.	0.1	2
582	An Architectural Overview of the GRelC Data Access Service. , 2012, , 517-527.		2
583	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}}$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
584	Detection of $\hat{1}$ -mesons in heavy-ion collisions at 100 MeV/nucleon. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 388, 109-118.	1.6	1
585	Irradiation tests of the pixel front-end readout electronics for the ALICE experiment at LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 476, 765-769.	1.6	1
586	Low-p T proton-proton physics at low luminosity at LHC. Pramana - Journal of Physics, 2003, 60, 795-816.	1.8	1
587	Monte Carlo simulation of a clinical beam line: Geant4 and GRID technology approach. , 0, , .		1
588	Hyperon production in 158 and 40A GeV/c PbPb and p-Be collisions from the NA57 experiment. Nuclear Physics A, 2004, 734, 57-60.	1.5	1
589	Jet physics at the LHC with ALICE. European Physical Journal C, 2005, 43, 333-336.	3.9	1
590	Results on Hyperon Production from the NA57 Experiment. Acta Physica Hungarica A Heavy Ion Physics, 2005, 22, 113-120.	0.4	1
591	Strangeness production in the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S701-S707.	3.6	1
592	(Di)lepton physics with ALICE. Nuclear Physics A, 2006, 774, 915-918.	1.5	1
593	NA57 Results. AIP Conference Proceedings, 2006, , .	0.4	1
594	ELLIPTIC FLOW SIMULATION AND ANALYSIS IN ALICE. International Journal of Modern Physics E, 2007, 16, 2528-2534.	1.0	1

#	ARTICLE	IF	CITATIONS
595	PROTON-PROTON PHYSICS WITH THE ALICE MUON SPECTROMETER AT THE LHC. International Journal of Modern Physics E, 2007, 16, 2438-2444.	1.0	1
596	Proton-proton physics in ALICE. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S783-S787.	3.6	1
597	Beam test performance and simulation of prototypes for the ALICE silicon pixel detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 1-3.	1.6	1
598	The physics programme of the ALICE experiment at the LHC. Nuclear Physics A, 2007, 782, 283-290.	1.5	1
599	ALICE perspectives for the study of charm and beauty energy loss at the LHC. European Physical Journal C, 2007, 49, 135-141.	3.9	1
600	The ALICE experiment at the LHC. Physics of Particles and Nuclei, 2008, 39, 1074-1081.	0.7	1
601	Distributed Computing Education, Part 4: Training Infrastructure. IEEE Distributed Systems Online, 2008, 9, 2-2.	0.5	1
602	Soft physics in ALICE. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 044044.	3.6	1
603	Heavy flavour physics in ALICE. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104144.	3.6	1
604	Gamma-jet physics with the electro-magnetic calorimeter in the ALICE experiment at LHC. Journal of Physics: Conference Series, 2008, 110, 032006.	0.4	1
605	Heavy flavours in ALICE. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 064053.	3.6	1
606	Results from the commissioning of the ALICE Inner Tracking System with cosmics. Nuclear Physics A, 2009, 830, 527c-530c.	1.5	1
607	Quarkonia measurements with ALICE at the LHC. Nuclear Physics A, 2009, 830, 339c-342c.	1.5	1
608	Exploring the LHC medium with direct photons. European Physical Journal C, 2009, 61, 735-740.	3.9	1
609	B-hadron cross-section measurement in pp collisions at $\sqrt{s}=14$ TeV with the ALICE muon spectrometer. European Physical Journal C, 2009, 62, 9-13.	3.9	1
610	The ALICE online-offline framework for the extraction of conditions data. Journal of Physics: Conference Series, 2010, 219, 022010.	0.4	1
611	The ALICE Silicon Pixel Detector: commissioning and performance optimization. Journal of Instrumentation, 2010, 5, C12001-C12001.	1.2	1
612	The ALICE muon trigger system: Cosmic ray commissioning and first beam-induced events. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 362-364.	1.6	1

#	ARTICLE	IF	CITATIONS
613	Readout system of the ALICE Muon tracking detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 528-530.	1.6	1
614	Strangeness and heavy flavours within the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 094020.	3.6	1
615	Measurements of quarkonium production with ALICE at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 094051.	3.6	1
616	Strangeness in high multiplicity proton-proton collisions in the ALICE experiment. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 094048.	3.6	1
617	Increasing e-Infrastructure Usability: The EELA-2 Experience. , 2010, , .		1
618	Charmonium production in pp collisions at LHC with the ALICE Muon Spectrometer. Journal of Physics: Conference Series, 2011, 270, 012027.	0.4	1
619	Relative pre-calibration of the ALICE electromagnetic calorimeter EMCAL. Journal of Physics: Conference Series, 2011, 293, 012046.	0.4	1
620	The ALICE Configuration Tool. Journal of Physics: Conference Series, 2011, 331, 022034.	0.4	1
621	The ALICE data quality monitoring system. Journal of Physics: Conference Series, 2011, 331, 022030.	0.4	1
622	Two particle correlations: A probe of the LHC QCD medium. Journal of Physics: Conference Series, 2011, 270, 012032.	0.4	1
623	Photon \rightarrow jet correlations measurement with ALICE at LHC: a feasibility study in proton-proton collisions. Indian Journal of Physics, 2011, 85, 959-963.	1.8	1
624	Luminosity determination in ALICE with T0 and V0 detectors. Indian Journal of Physics, 2011, 85, 965-970.	1.8	1
625	ALICE potential for direct photon measurements in p-p and Pb-Pb collisions. Nuclear Physics A, 2011, 855, 339-342.	1.5	1
626	Measurement of forward-rapidity heavy-flavour muons in proton-proton collisions at with ALICE. Nuclear Physics A, 2011, 855, 323-326.	1.5	1
627	Simulation of the job processing performance at an ALICE Tier-2 site with MONARC. Journal of Physics: Conference Series, 2011, 331, 072038.	0.4	1
628	Charm content in jets in proton-proton collisions with the ALICE experiment at CERN-LHC. Journal of Physics: Conference Series, 2011, 270, 012019.	0.4	1
629	High-pT particle correlations in pp collisions at LHC/ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124094.	3.6	1
630	Two-pion Bose-Einstein correlations in Pb-Pb collisions at 2.76 TeV with ALICE. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124056.	3.6	1

#	ARTICLE	IF	CITATIONS
631	Jet reconstruction and jet background classification with the ALICE experiment in Pb-Pb collisions at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124088.	3.6	1
632	FIRST LOOK AT BEAUTY AND BEAUTY-JET TAGGING VIA SECONDARY VERTEXING WITH ALICE IN p+p COLLISIONS AT $\sqrt{s} = 7, \sqrt{s} = 2.76$ TeV. International Journal of Modern Physics E, 2011, 20, 1629-1634.	1.0	1
633	Title is missing!. Acta Physica Polonica B, 2011, 42, 1655.	0.8	1
634	Measurement of identified charged hadron spectra in proton-proton collisions using the Inner Tracking System of the ALICE experiment at the LHC. , 2011, , .		1
635	Title is missing!. Acta Physica Polonica B, 2012, 43, 713.	0.8	1
636	Charged-particle multiplicity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE at the LHC. , 2012, , .		1
637	A Study of Diffractive Production in ALICE. Journal of Physics: Conference Series, 2012, 381, 012039.	0.4	1
638	Study of short-lived resonances with the ALICE Experiment at the LHC. Journal of Physics: Conference Series, 2012, 347, 012012.	0.4	1
639	A Very High Momentum Particle Identification Detector for the ALICE Experiment at the LHC. Journal of Physics: Conference Series, 2012, 389, 012007.	0.4	1
640	Open heavy-flavour measurements in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Journal of Physics: Conference Series, 2012, 389, 012023.	0.4	1
641	Infrastructure Monitoring for Distributed Tier1: The ReCaS Project Use-Case. , 2014, , .		1
642	Enabling intercontinental e-Infrastructures - a case for Africa. , 2015, , .		1
643	ALICE Collaboration. Nuclear Physics A, 2016, 956, 913-921.	1.5	1
644	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
645	ALICE Collaboration. Nuclear Physics A, 2019, 982, 975-984.	1.5	1
646	ALICE Collaboration. Nuclear Physics A, 2021, 1005, 122087.	1.5	1
647	Underlying Event measurements in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the ALICE experiment at the LHC. , 0, .		1
648	GILDA Status and Recent Activities in Grid Training. , 2010, , 311-322.		1

#	ARTICLE	IF	CITATIONS
649	The DECIDE Science Gateway. , 2012, 10, 689.		1
650	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
651	The Sicilian Grid Infrastructure for High Performance Computing. International Journal of Distributed Systems and Technologies, 2010, 1, 40-54.	0.7	1
652	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 231.	0.1	1
653	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 329.	0.1	1
654	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 335.	0.1	1
655	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 599.	0.1	1
656	\mathcal{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
657	Grid INFN Virtual Laboratory for Dissemination Activities (GILDA). , 2009, , 241-248.		1
658	Sustainable and Interoperable e-Infrastructures for Research and Business. , 2009, , 23-39.		1
659	Cultural Heritage Digital Libraries on Data Grids. Lecture Notes in Computer Science, 2009, , 469-472.	1.3	1
660	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 585.	0.1	1
661	E-Infrastructures for International Cooperation. , 2014, , 380-430.		1
662	e-Infrastructures for Cultural Heritage Applications. , 0, , 341-369.		1
663	E-Infrastructures for International Cooperation. , 0, , 141-193.		1
664	Subthreshold pion production in heavy ion collisions around 100 MeV/u: a statistical process?. Physica Scripta, 1993, 48, 188-193.	2.5	0
665	The low energy kaon program at the celsius storage ring. , 1997, , .		0
666	Pion production from proton-nucleus collisions: Recent results at the Moscow Meson Factory. , 1997, , .		0

#	ARTICLE	IF	CITATIONS
667	Reply to "Comment on "Measurement of the space-time extent of the hard-photon emitting source in heavy-ion collisions at 100 MeV/nucleon" Physical Review C, 1998, 57, 2765-2766.	2.9	0
668	The study of heavy-ion collisions with the ALICE detector at the LHC. Nuclear Physics, Section B, Proceedings Supplements, 1999, 75, 200-202.	0.4	0
669	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
670	Results on hyperon production from CERN NA57 experiment. AIP Conference Proceedings, 2001, , .	0.4	0
671	Strange Baryon Production from the NA57 Experiment at the CERN SPS. AIP Conference Proceedings, 2002, , .	0.4	0
672	Primary Vertex in the ALICE Experiment in Absence of the Event Reconstruction. Acta Physica Hungarica A Heavy Ion Physics, 2002, 16, 315-326.	0.4	0
673	Physics perspectives of the ALICE experiment at the large hadron collider. Pramana - Journal of Physics, 2003, 60, 851-863.	1.8	0
674	Hyperon yields in Pb-Pb collisions from the NA57 experiment. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 74-76.	0.4	0
675	ALICE. European Physical Journal A, 2004, 19, 223-228.	2.5	0
676	Hyperon production in lead-lead interactions at 40 and 160 A GeV/c. European Physical Journal C, 2004, 33, s618-s620.	3.9	0
677	ALICE physics reach. European Physical Journal C, 2004, 34, s287-s298.	3.9	0
678	The ALICE dimuon spectrometer. European Physical Journal C, 2004, 34, s317-s323.	3.9	0
679	Grid portal based data management for Lattice QCD. , 0, , .		0
680	Measuring charged particle multiplicity in ALICE. Journal of Physics: Conference Series, 2005, 5, 105-114.	0.4	0
681	Perspectives for the measurement of beauty production cross section at LHC with ALICE. Nuclear Physics A, 2005, 749, 320-324.	1.5	0
682	Charm and beauty with ALICE at LHC. Nuclear Physics, Section B, Proceedings Supplements, 2005, 142, 459-463.	0.4	0
683	Λ and $\bar{\Lambda}$ Polarization in Pb+Pb Collisions at 160 A GeV/c. AIP Conference Proceedings, 2005, , .	0.4	0
684	Physics of the Muon Spectrometer of the ALICE Experiment. Journal of Physics: Conference Series, 2006, 50, 361-370.	0.4	0

#	ARTICLE	IF	CITATIONS
685	The ALICE forward multiplicity detector. Nuclear Physics A, 2006, 774, 919-922.	1.5	0
686	Study of the Capabilities of the ALICE Inner Tracking System Stand-Alone for HBT Analysis. Acta Physica Hungarica A Heavy Ion Physics, 2006, 25, 337-346.	0.4	0
687	THE INNER TRACKING SYSTEM OF ALICE. International Journal of Modern Physics E, 2007, 16, 2445-2450.	1.0	0
688	Event-by-event fluctuation studies in the ALICE experiment. European Physical Journal C, 2007, 49, 309-314.	3.9	0
689	Study of the ALICE performance for the measurement of beauty via the electron decay channel. European Physical Journal C, 2007, 49, 163-167.	3.9	0
690	First physics with heavy ions in ALICE. Nuclear Physics, Section B, Proceedings Supplements, 2008, 177-178, 161-166.	0.4	0
691	From RHIC to LHC. Nuclear Physics, Section B, Proceedings Supplements, 2008, 177-178, 167-172.	0.4	0
692	The ALICE experiment at the LHC. European Physical Journal: Special Topics, 2008, 162, 205-211.	2.6	0
693	Proton-proton physics with the ALICE muon spectrometer at the LHC. Physics of Atomic Nuclei, 2008, 71, 1505-1513.	0.4	0
694	Prospects for strangeness measurement in ALICE. Physics of Atomic Nuclei, 2008, 71, 1523-1534.	0.4	0
695	Towards the Interoperability between GTRS and EUMEDGRID. , 2008, , .		0
696	Anisotropic flow measurements in ALICE. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104165.	3.6	0
697	Study of $\Lambda(1520)$ production in pp simulated interactions at 14 TeV with the ALICE detector. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 044059.	3.6	0
698	Data grids for conservation of cultural inheritance. , 2009, , .		0
699	Photon Physics in ALICE. Nuclear Physics A, 2009, 830, 495c-498c.	1.5	0
700	Preparation for heavy-flavour measurements with ALICE at the LHC. Nuclear Physics A, 2009, 830, 769c-772c.	1.5	0
701	Results from cosmics and first LHC beam with the ALICE HMPID detector. Nuclear Physics A, 2009, 830, 539c-542c.	1.5	0
702	Perspectives for the measurement of $D_s +$ mesons via $\Lambda^0 \rightarrow p + \bar{K} + K^0$ channel in the ALICE experiment. European Physical Journal C, 2009, 62, 229-235.	3.9	0

#	ARTICLE	IF	CITATIONS
703	ALICE-PHOS: acceptance and efficiency correction factors p_{\perp}^{phos} vs p_{\perp}^{phos} at 10 TeV. European Physical Journal C, 2009, 62, 197-201.	3.9	0
704	The ALICE DAQ online databases. , 2009, , .		0
705	Performance of ALICE detector and electronics under first beam conditions. Journal of Instrumentation, 2010, 5, C12008-C12008.	1.2	0
706	Development of a simulated trigger generator for the ALICE commissioning. Journal of Physics: Conference Series, 2010, 219, 032033.	0.4	0
707	Status of the ALICE CERN Analysis Facility. Journal of Physics: Conference Series, 2010, 219, 072010.	0.4	0
708	Z0 Boson measurement with the ALICE central barrel in pp collisions at 14 TeV. Indian Journal of Physics, 2010, 84, 1695-1700.	1.8	0
709	Minimum bias trigger for pp physics with ALICE. Indian Journal of Physics, 2010, 84, 1733-1738.	1.8	0
710	Resonance production at ALICE: ρ and ω . Indian Journal of Physics, 2010, 84, 1739-1743.	1.8	0
711	Readout upgrade, hardware and software, for the ALICE Data Acquisition program. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 258-259.	1.6	0
712	Potential physics measurement with ALICE electromagnetic calorimeters. Nuclear Physics A, 2010, 834, 291c-294c.	1.5	0
713	Simulation study of ρ and ω resonance production and detection in ALICE at LHC. Nuclear Physics, Section B, Proceedings Supplements, 2010, 198, 132-135.	0.4	0
714	Study of hadronic resonances in ALICE in a first physics scenario. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 094047.	3.6	0
715	Physics of Hot Partonic Matter at LHC-ALICE. , 2010, , .		0
716	INFN, IT the GENIUS grid portal and the robot certificates to perform phylogenetic analysis on large scale: a success story from the International LIBI project. , 2010, , 119-130.		0
717	Event Reconstruction Performance of the ALICE High Level Trigger for $\sqrt{s} = 2.76$ TeV $p\text{-}p$ Collisions. IEEE Transactions on Nuclear Science, 2011, 58, 1706-1713.	2.0	0
718	Multi-strange baryon measurements at LHC energies, with the ALICE experiment. Journal of Physics: Conference Series, 2011, 270, 012020.	0.4	0
719	Measurement of charged-particle pseudorapidity density with ALICE at LHC. Journal of Physics: Conference Series, 2011, 270, 012002.	0.4	0
720	A trigger simulation framework for the ALICE experiment. Journal of Physics: Conference Series, 2011, 331, 032041.	0.4	0

#	ARTICLE	IF	CITATIONS
721	Strangeness measurements at LHC with ALICE. Journal of Physics: Conference Series, 2011, 312, 012004.	0.4	0
722	Can we observe the elliptic flow in pp collisions at LHC?. Journal of Physics: Conference Series, 2011, 270, 012047.	0.4	0
723	π^0 measurement with ALICE electromagnetic calorimeters in p+p collisions at LHC. Journal of Physics: Conference Series, 2011, 270, 012004.	0.4	0
724	Baryon number transport at LHC energies with the ALICE experiment. Journal of Physics: Conference Series, 2011, 270, 012005.	0.4	0
725	Measurement of identified charged hadron spectra with ALICE using the ITS in proton-proton collisions at the LHC. Journal of Physics: Conference Series, 2011, 270, 012006.	0.4	0
726	Analysis of ϕ resonance in pp collisions at 900 GeV with the ALICE detector. Journal of Physics: Conference Series, 2011, 270, 012007.	0.4	0
727	Study of the strange resonance $\Lambda(1385)$ in the decay channel $\Lambda \rightarrow \pi^- p$ for simulated pp collisions at $\sqrt{s} = 10$ TeV and first analysis of data at $\sqrt{s} = 900$ GeV and $\sqrt{s} = 7$ TeV with the ALICE Experiment. Journal of Physics: Conference Series, 2011, 312, 012015.	0.4	0
728	Intrajet radiation study with the ALICE experiment at LHC. Journal of Physics: Conference Series, 2011, 270, 012014.	0.4	0
729	Studies of isolated photon production in simulated proton-proton collisions with ALICE-EMCal. Journal of Physics: Conference Series, 2011, 270, 012033.	0.4	0
730	Trigger performance of the ALICE Silicon Pixel Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 650, 30-32.	1.6	0
731	Prospects for first heavy ion physics with the ALICE experiment. Nuclear Physics A, 2011, 855, 522-525.	1.5	0
732	Detection of atmospheric muons using ALICE detectors. Nuclear Physics, Section B, Proceedings Supplements, 2011, 212-213, 293-298.	0.4	0
733	Measuring the charged particle multiplicity with ALICE. Indian Journal of Physics, 2011, 85, 93-97.	1.8	0
734	Study of the quarkonium polarization in the muon channel at ALICE. Indian Journal of Physics, 2011, 85, 935-940.	1.8	0
735	Reaction plane from Lee-Yang Zeros for elliptic flow analysis in ALICE. Indian Journal of Physics, 2011, 85, 1069-1073.	1.8	0
736	Neutral meson inclusive spectra measured with ALICE. Nuclear Physics A, 2011, 855, 213-216.	1.5	0
737	Transverse energy measurements with ALICE. Nuclear Physics A, 2011, 855, 249-252.	1.5	0
738	Heavy quarkonium production in the ALICE experiment. Nuclear Physics A, 2011, 855, 384-387.	1.5	0

#	ARTICLE	IF	CITATIONS
739	Jet and Photon Physics with ALICE: First Results from the pp Runs. Nuclear Physics A, 2011, 862-863, 160-167.	1.5	0
740	ALICE status and first results. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 13-17.	0.4	0
741	The ALICE Zero Degree Calorimeter in pp physics. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 173-175.	0.4	0
742	The trigger system of the muon spectrometer of the ALICE experiment at the LHC. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 204-207.	0.4	0
743	Study of a trigger in p-p events for the HMPID detector in the ALICE experiment at LHC. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 215-217.	0.4	0
744	Emerging picture of hard scattering phenomena in p + p collisions at in ALICE. Nuclear Physics A, 2011, 855, 461-464.	1.5	0
745	Study of D-mesons using hadronic decay channels with the ALICE detector. Nuclear Physics, Section B, Proceedings Supplements, 2011, 210-211, 33-36.	0.4	0
746	Quarkonium and heavy flavour physics with the ALICE Muon Spectrometer at the LHC. Nuclear Physics, Section B, Proceedings Supplements, 2011, 210-211, 53-56.	0.4	0
747	First measurements of strangeness production in pp collisions with the ALICE experiment at LHC. Nuclear Physics, Section B, Proceedings Supplements, 2011, 210-211, 61-64.	0.4	0
748	Diffraction physics in ALICE at the LHC. , 2011, , .		0
749	A Very High Momentum Particle Identification Detector for the ALICE experiment. , 2011, , .		0
750	THE ALICE EXPERIMENT AT CERN LHC: STATUS AND FIRST RESULTS. International Journal of Modern Physics A, 2011, 26, 517-522.	1.5	0
751	OPEN CHARM ANALYSIS FOR ENERGY LOSS STUDIES WITH ALICE AT LHC. International Journal of Modern Physics E, 2011, 20, 1635-1640.	1.0	0
752	JET AND HIGH PT MEASUREMENTS WITH THE ALICE EXPERIMENT. International Journal of Modern Physics E, 2011, 20, 1533-1538.	1.0	0
753	Title is missing!. Acta Physica Polonica B, 2011, 42, 1465.	0.8	0
754	Title is missing!. Acta Physica Polonica B, 2011, 42, 1517.	0.8	0
755	First results from two particle azimuthal correlations at ALICE. , 2011, , .		0
756	Inclusive J/ψ production in proton-proton interactions at $\sqrt{s} = 7$ TeV with ALICE at LHC. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
757	Transverse sphericity of minimum bias proton-proton collisions in ALICE. , 2011, , .		0
758	A new detector array for diffractive physics in ALICE at the LHC. , 2011, , .		0
759	Title is missing!. Acta Physica Polonica B, 2012, 43, 497.	0.8	0
760	D meson analysis in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC with ALICE. , 2012, , .		0
761	In-medium energy loss and correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. , 2012, , .		0
762	Reconstruction of jet properties in Pb-Pb collisions with the ALICE-Experiment. , 2012, , .		0
763	First results with heavy-ion collisions at LHC from ALICE. , 2012, , .		0
764	Photoproduction of J/ψ and Υ in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at ALICE. , 2012, , .		0
765	EPIC results from ALICE. , 2012, , .		0
766	Results on resonance production at LHC energies from the ALICE experiment. , 2012, , .		0
767	Measurement of the nuclear modification factor of electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE at the LHC. , 2012, , .		0
768	Measurement of J/ψ production at mid-rapidity in pp and Pb-Pb collisions with ALICE. , 2012, , .		0
769	Quarkonium and heavy flavour physics in pp and Pb-Pb collisions with the ALICE muon spectrometer at the LHC. , 2012, , .		0
770	Jets and photons in ALICE. , 2012, , .		0
771	Charge asymmetry measurements at ALICE. , 2012, , .		0
772	Results and perspectives on heavy flavour measurement with the ALICE inner tracking system in Pb-Pb collisions at the LHC. , 2012, , .		0
773	J/ψ measurements with the ALICE experiment at the LHC. , 2012, , .		0
774	Identified charged hadron production in pp and Pb-Pb collisions with the ALICE experiment at the LHC. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
775	Inclusive Open Charm Production in pp and Pb-Pb collisions with the ALICE Detector. Journal of Physics: Conference Series, 2012, 381, 012034.	0.4	0
776	Measurement of nuclear modification of lepton production from heavy flavour decays in Pb-Pb collisions with ALICE at the LHC. Journal of Physics: Conference Series, 2012, 381, 012033.	0.4	0
777	Production of identified charged and neutral hadrons in pp and Pb-Pb collisions at LHC with ALICE detector. Journal of Physics: Conference Series, 2012, 381, 012035.	0.4	0
778	Nuclear modification of hadron production measured by ALICE. Journal of Physics: Conference Series, 2012, 381, 012040.	0.4	0
779	Charge separation measurements in Pb-Pb collisions at LHC energies. Journal of Physics: Conference Series, 2012, 381, 012041.	0.4	0
780	First results from the ALICE experiment. Physics of Atomic Nuclei, 2012, 75, 580-584.	0.4	0
781	Surveying clouds in a global environment. , 2015, , .		0
782	ALICE Collaboration. Nuclear Physics A, 2017, 967, 932-941.	1.5	0
783	Hyperon yields in Pb-Pb collisions from the NA57 experiment. , 2003, , 74-76.		0
784	gLibrary/DRI. , 2009, , 664-686.		0
785	PROSPECTS OF HEAVY FLAVOR PHYSICS AT ALICE USING THE ELECTROMAGNETIC CALORIMETER. , 2009, , .		0
786	Performance Analysis of EGEE-like Grids in Asia and Latin America. , 2011, , 153-162.		0
787	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2011, 4, 573.	0.1	0
788	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 291.	0.1	0
789	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 219.	0.1	0
790	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 263.	0.1	0
791	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 355.	0.1	0
792	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 277.	0.1	0

#	ARTICLE	IF	CITATIONS
793	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 579.	0.1	0
794	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 567.	0.1	0
795	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 477.	0.1	0
796	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 445.	0.1	0
797	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 561.	0.1	0
798	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 297.	0.1	0
799	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 271.	0.1	0
800	Evidence of $\rho(1232)$ -Resonance Excitation in Subthreshold Pion Production at Intermediate Energies. , 1996, , 291-297.		0
801	Hard Photon Intensity Interferometry in Heavy-Ion Collisions at Intermediate Energies. , 1996, , 91-98.		0
802	Coherent Pions in Nucleus-Nucleus Collisions at Intermediate Energies. , 1996, , 139-144.		0
803	Experimental Evidence of ω -Effects in Heavy-Ion Collisions at Intermediate Energies. , 1998, , 1-11.		0
804	A New Framework to Build Science Gateways based on EnginFrame and Liferay. , 0, , .		0