

# Alberto MartÃ- n Gago Medina

## List of Publications by Year in descending order

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368  
papers

24,871  
citations

4388

86  
h-index

9861

141  
g-index

373  
all docs

373  
docs citations

373  
times ranked

8930  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	7.8	659
2	Determination of solar neutrino oscillation parameters using 1496 days of Super-Kamiokande-I data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 539, 179-187.	4.1	625
3	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 106, 032301.	7.8	561
4	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
6	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2011, 107, 032301.	7.8	482
7	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	2.9	465
8	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	4.1	433
9	Multiplicity dependence of pion, kaon, proton and lambda production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 25-38.	16.7	399
10	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	7.8	307
11	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	7.8	301
12	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with ALICE. Physical Review C, 2013, 88, 034907.	7.8	296
13	Long-range angular correlations of $\pi$ , K and p in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	7.8	270
14	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	2.9	267
15	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE. European Physical Journal C, 2010, 68, 345-354.	4.1	235
16	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE. European Physical Journal C, 2010, 68, 345-354.	4.1	235
17	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE. European Physical Journal C, 2010, 68, 345-354.	4.7	228
18	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE. European Physical Journal C, 2010, 68, 345-354.	3.9	212

#	ARTICLE	IF	CITATIONS
19	Charged-particle multiplicity production at mid-rapidity in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.1	210
20	Production of pions, kaons and protons in pp collisions at $\sqrt{s} = 900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
21	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	4.1	206
22	Charmonium and $e^+e^-$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	3.9	203
23	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
24	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 0.9$ and $2.36$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	3.9	199
25	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	7.8	194
26	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	1.2	189
27	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 249-264.	4.1	189
28	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	4.1	188
29	Pion, kaon and proton production, elliptic flow and vorticity in Au-Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 110, 052301.	7.8	184
30	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	182
31	Production of $\Lambda$ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	4.1	180
32	Precise measurement of the solar neutrino day-night and seasonal variation in Super-Kamiokande-I. Physical Review D, 2004, 69, .	4.7	172
33	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	1.2	171
34	Coherent photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	4.1	171
35	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	7.8	171
36	Centrality, rapidity and transverse momentum dependence of $\Lambda$ and $\bar{\Lambda}$ production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	4.1	171

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37	Measurement of Muon Neutrino Quasielastic Scattering on a Hydrocarbon Target at $\sqrt{s} = 3.5$ TeV. Physical Review Letters, 2013, 111, 022502.	7.8	179
38	Volume I. Introduction to DUNE. Journal of Instrumentation, 2020, 15, T08008-T08008.	1.2	168
39	Direct photon production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 7$ TeV. Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 326, 610-622.	7.8	163
40	Direct photon production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 7$ TeV. Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 326, 610-622.	7.8	156
41	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 7$ TeV. Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 326, 610-622.	7.8	155
42	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	3.6	153
43	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 7$ TeV. Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 326, 610-622.	7.8	154
44	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	3.6	153
45	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
46	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
47	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
48	Measurement of Muon Antineutrino Quasielastic Scattering on a Hydrocarbon Target at $\sqrt{s} = 3.5$ TeV. Physical Review Letters, 2013, 111, 022501.	7.8	142
49	Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	140
50	Design, calibration, and performance of the MINERvA detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 743, 130-159.	1.6	139
51	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	7.8	138
52	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	7.8	135
53	Neutral pion and $\eta$ meson production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	133
54	Neutral pion and $\eta$ meson production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	133

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55	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
56	Multiparticle azimuthal correlations in p+Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
57	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
58	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=2.76$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
59	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. European Physical Journal C, 2010, 65, 111-125.	3.9	124
60	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
61	Rapidity and transverse momentum dependence of inclusive $\Lambda$ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	115
62	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
63	Production of $\Lambda(1520)$ and $\Sigma(1385)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
64	Multi-strange baryon production in p+Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	4.1	111
65	Production of strange baryons, kaons, pions, and protons in p+Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	2.9	110
66	Measurement of jet suppression in central p+Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	4.7	105
67	Neutrino flux predictions for the NuMI beam. Physical Review D, 2016, 94, .	4.7	102
68	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	3.9	101
69	Azimuthal anisotropy of meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	2.9	101
70	Exclusive di-hadron production in p+Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	7.8	100
71	Polarization in p+Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	7.8	99
72	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	97

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73	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
74	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 Mesons from Heavy Flavor Decays at Forward Rapidity in $pp$ and Pb-Pb Collisions	4.7	97
75	Measurement of Prompt $D$ -Meson Production in $pp$ and Pb-Pb Collisions at $\sqrt{s} = 2.76$ and $7$ TeV. European Physical Journal C, 2016, 16, 1167-1177.	7.8	96
76	Measurement of Prompt $D$ -Meson Production in $pp$ and Pb-Pb Collisions at $\sqrt{s} = 2.76$ and $7$ TeV. European Physical Journal C, 2016, 16, 1167-1177.	7.8	94
77	Production of Mesons from Heavy Flavor Decays at Forward Rapidity in $pp$ and Pb-Pb Collisions at $\sqrt{s} = 2.76$ and $7$ TeV. European Physical Journal C, 2016, 16, 1167-1177.	4.7	93
78	Production of Mesons from Heavy Flavor Decays at Forward Rapidity in $pp$ and Pb-Pb Collisions at $\sqrt{s} = 2.76$ and $7$ TeV. European Physical Journal C, 2016, 16, 1167-1177.	4.1	93
79	Production of Mesons from Heavy Flavor Decays at Forward Rapidity in $pp$ and Pb-Pb Collisions at $\sqrt{s} = 2.76$ and $7$ TeV. European Physical Journal C, 2016, 16, 1167-1177.	4.1	93
80	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	3.9	93
81	$J/\psi$ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and $7$ TeV. European Physical Journal C, 2017, 17, 1167-1177.		92
82	Identification of Nuclear Effects in Neutrino-Carbon Interactions at Low Three-Momentum Transfer. Physical Review Letters, 2016, 116, 071802.	7.8	91
83	Measurement of quarkonium production at forward rapidity in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
84	Production of $K^0_S$ and $K^0_L$ and $\phi$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
85	Multiplicity dependence of light-flavor hadron production in $pp$ collisions at $\sqrt{s} = 2.76$ and $7$ TeV. European Physical Journal C, 2016, 16, 1167-1177.	2.9	89
86	Production of $K^0_S$ and $K^0_L$ and $\phi$ in $pp$ collisions at $\sqrt{s} = 2.76$ and $7$ TeV. European Physical Journal C, 2016, 76, 245.	4.1	88
87	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and $7$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88
88	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and $7$ TeV. European Physical Journal C, 2016, 16, 1167-1177.	2.9	87
89	Measurement of $\Lambda$ and $\Sigma$ production in $pp$ collisions at $\sqrt{s} = 2.76$ and $7$ TeV. European Physical Journal C, 2016, 16, 1167-1177.	2.8	86
90	Multi-strange baryon production in $pp$ collisions at $\sqrt{s} = 2.76$ and $7$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	4.1	86

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91	Measurement of the inclusive differential jet cross section in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	2.9	86
92	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
93	Meson production at high transverse momentum in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2010, 81, 054907.	7.8	80
94	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	7.8	77
95	Production of $4\text{He}$ and $4\text{He}$ nuclei in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	7.8	74
96	Production of $4\text{He}$ and $4\text{He}$ nuclei in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	1.5	74
97	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
98	Probing the Type I Seesaw mechanism with displaced vertices at the LHC. European Physical Journal C, 2015, 75, 1.	3.9	72
99	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	2.9	71
100	Measurement of the inclusive differential jet cross section in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	2.9	71
101	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	7.8	69
102	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. Journal of Instrumentation, 2020, 15, P12004-P12004.	1.2	69
103	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	3.9	69
104	Measurement of the inclusive differential jet cross section in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	2.9	68
105	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
106	Charged pion production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	4.7	68
107	Midrapidity Antiproton-to-Proton Ratio in $pp$ and $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 772, 567-577.	4.7	68
108	Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	67

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109	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 162301.	7.8	67
110	Suppression of $\pi^0$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 162301.	4.1	67
111	Study of the $\pi^0$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	67
112	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
113	Probing flavor changing neutrino interactions using neutrino beams from a muon storage ring. Physical Review D, 2001, 64, .	4.7	64
114	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	7.8	64
115	Study of the $\pi^0$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	64
116	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to $8$ TeV. European Physical Journal C, 2017, 77, 1.	2.9	64
117	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
118	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2011, 106, 162301.	4.1	62
119	Two-pion Bose-Einstein correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 70, 192-197.	4.7	61
120	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61
121	Production of inclusive $\pi^0$ and $\eta$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 70, 192-197.	4.1	60
122	Meson production at central rapidity in proton-proton collisions at $\sqrt{s} = 0.9$ to $8$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	59
123	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
124	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	7.8	58
125	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58



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127	Measurement of electrons from semileptonic heavy flavor hadron decays in $\sqrt{s}=5.02$ TeV Pb-Pb collisions at the LHC. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	57
128	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s}=5.02$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	56
129	Energy dependence and fluctuations of anisotropic flow in Pb collisions at $\sqrt{s}=5.02$ TeV and 2.76 TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	55
130	Global polarization of $\Lambda$ and $\Sigma$ hyperons in Pb-Pb collisions at $\sqrt{s}=5.02$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	2.9	55
131	Measurement of prompt $J/\psi$ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	54
132	Measurement of $D_0$ , $D^+$ , $D^{*+}$ and $D^+s$ production in Pb-Pb collisions at $\sqrt{s}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	54
133	Hydrocarbon at $\sqrt{s}=5.02$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	7.8	52
134	Search for periodic modulations of the solar neutrino flux in Super-Kamiokande-I. <i>Physical Review D</i> , 2003, 68, .	4.7	51
135	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	4.1	51
136	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s}=5.02$ TeV at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2014, 89, .	3.9	51
137	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	50
138	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s}=5.02$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	4.1	50
139	Energy dependence of forward-rapidity $\psi$ and $\psi(2S)$ production in pp collisions at the LHC. <i>European Physical Journal C</i> , 2017, 77, 392.	3.9	50
140	Violation of Equivalence Principle and Solar Neutrinos. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001, 100, 68-70.	0.4	49
141	Measurement of charged jet production cross sections and nuclear modification in p-Pb collisions at $\sqrt{s}=5.02$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 68-81.	4.1	49
142	Measurement of neutrino flux from neutrino-electron elastic scattering. <i>Physical Review D</i> , 2016, 93, .	4.7	49
143	Publisher's Note: Neutrino flux predictions for the NuMI beam [Phys. Rev. D 94, 092005 (2016)]. <i>Physical Review D</i> , 2017, 95, .	4.7	49
144	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s}=5.02$ TeV and 13 TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	49

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145	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
146	Measurement of Ratios of $\langle \sigma_{\text{CC}} \rangle / \langle \sigma_{\text{CH}} \rangle$ Charged-Current Cross Sections on C, Fe, and Pb to CH at Neutrino Energies $2 \leq E \leq 20$ GeV. Physical Review Letters, 2014, 112, 231801.	7.8	48
147	Measurement of Ratios of $\langle \sigma_{\text{CC}} \rangle / \langle \sigma_{\text{CH}} \rangle$ Charged-Current Cross Sections on C, Fe, and Pb to CH at Neutrino Energies $2 \leq E \leq 20$ GeV. Physical Review Letters, 2014, 112, 231801.	4.7	48
148	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $s_{NN} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
149	Measurement of meson production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	2.9	47
150	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
151	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92.	2.9	46
152	Measurement of quasielastic-like neutrino scattering at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2019, 99, .	4.7	46
153	Global analysis of the post-SNO solar neutrino data for standard and nonstandard oscillation mechanisms. Physical Review D, 2002, 65, .	4.7	45
154	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
155	Freeze-out radii extracted from three-pion cumulants in pp, 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
156	Forward-central two-particle correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 126-139.	4.1	45
157	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45
158	$J/\psi$ 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
159	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
160	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	43
161	Constraint of the MINERvA medium energy neutrino flux using neutrino-electron elastic scattering. Physical Review D, 2019, 100, .	4.7	43
162	Measurement of $D^0$ , $D^+$ , $D^{*+}$ and $D^+_s$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43

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164	$\hat{b} + c$ production in pp collisions at $\sqrt{s} = 7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
165	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	16.7	41
166	Quantum dissipative effects and neutrinos: Current constraints and future perspectives. Physical Review D, 2001, 63, .	4.7	40
167	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
168	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
169	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 273-285.	4.7	40
170	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
171	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
172	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	39
173	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
174	First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	4.1	39
175	Measurement of the muon antineutrino double-differential cross section for quasielastic-like scattering on hydrocarbon at $\sqrt{s} = 1.76$ TeV. Physical Review C, 2018, 97, 054907.	4.7	39
176	Production of $J/\psi$ in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	4.7	39
177	Production of $J/\psi$ in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 358-370.	4.7	38
178	Rapidity and transverse-momentum dependence of the inclusive $J/\psi$ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
179	Multiplicity dependence of $\pi^0$ , K, and p production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	7.8	38
180	Multiplicity dependence of $\pi^0$ , K, and p production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38

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182	DEMONSTRATION OF COMMUNICATION USING NEUTRINOS. <i>Modern Physics Letters A</i> , 2012, 27, 1250077.	1.2	37
183	Coherent $J/\psi$ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 123, 022301.	4.1	37
184	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. <i>Physical Review Letters</i> , 2020, 124, 092301.	7.8	37
185	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	36
186	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 94, 014907.	4.9	36
187	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2016, 93, 014907.	4.9	36
188	Production of $\Sigma(1385)^{\pm}$ . <i>European Physical Journal C</i> , 2017, 77, 389.	3.9	36
189	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. <i>Physical Review D</i> , 2015, 91, 034004.	4.7	35
190	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	35
191	Measurement of Electron Neutrino Quasielastic and Quasielasticlike Scattering on Hydrocarbon at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 123, 022301.	7.8	35
192	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 789, 308-322.	4.1	35
193	$\pi^0$ and $\eta$ meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	34
194	Multiplicity dependence of jet-like two-particle correlation structures in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 789, 308-322.	4.1	34
195	Energy dependence of exclusive $J/\psi$ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	34
196	Energy-independent new physics in the flavour ratios of high-energy astrophysical neutrinos. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	33
197	MINERvA neutrino detector response measured with test beam data. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 789, 28-42.	1.6	33
198	Multiplicity dependence of jet-like two-particle correlation structures in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 741, 38-50.	4.1	33

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201	Measurement of electrons from heavy-flavour hadron decays in pA-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-93.	4.1	33
202	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
203	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
204	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
205	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
206	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
207	Centrality dependence of charged jet production in pA-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
208	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
209	Neutral pion and $\eta$ meson production in pA-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
210	Inclusive, prompt and non-prompt $J/\psi$ 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
211	Coherent $\pi^0$ 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
212	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pA-Pb, and PbA-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
213	Pseudorapidity dependence of the anisotropic flow of charged particles in PbA-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	4.1	30
214	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
215	Measurement of $\hat{1}/2\hat{1}/4$ charged-current single $\Upsilon(0)$ production on hydrocarbon in the few-GeV region using MINERvA. Physical Review D, 2017, 96, .	4.7	29
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218	Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
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221	Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	27
222	Neutrino oscillation parameters from MINOS, ICARUS, and OPERA combined. Physical Review D, 2002, 65, .	4.7	27
223	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.7	27
224	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.1	27
225	Exotic bound states in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	27
226	Multiplicity dependence of (anti)deuteron production in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 89-101.	4.1	27
227	Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
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231	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
232	Multipion Bose-Einstein correlations in Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	25
233	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 97, .	2.9	25
234	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 97, .	2.9	25

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236	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
237	Measurement of the production of high- $p_T$ electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Search for collectivity with azimuthal $\Upsilon$ -hadron correlations in high multiplicity p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 407-401.	4.1	24
238	Measurement of the production of high- $p_T$ electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ and 8.16 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	24
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241	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	4.1	23
242	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 41-56.	4.1	23
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244	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV and $\sqrt{s} = 7$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
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254	Production of the $\bar{K}^0$ meson in p-p and Pb-Pb collisions at $\sqrt{s_{NN}} = 1520$ and 2.76 TeV. Physical Review C, 2019, 99, 034907.	2.9	20
255	Resonance production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, 034907.	2.9	20
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257	Measurement of dijet production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135227.	4.1	19
258	Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
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260	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
261	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032.	5.4	18
262	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
263	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
264	Measurement of prompt D0, D+, D*+, and $D_s^+$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
265	Centrality dependence of $\bar{D}^0$ (2S) suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
266	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
267	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
268	The MINERvA data acquisition system and infrastructure. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 179-192.	1.6	16
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273	Neutron measurements from antineutrino hydrocarbon reactions. Physical Review D, 2019, 100, .	4.7	15
274	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
275	Double-differential inclusive charged-current $\hat{1}/2\hat{1}/4$ cross sections on hydrocarbon in MINERvA at $\sqrt{s_{\text{NN}}}=3.5$ GeV. Physical Review D, 2020, 101, .	4.7	15
276	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
277	Measurement of K <sup>+</sup> production in charged-current $\hat{1}/2\hat{1}/4$ interactions. Physical Review D, 2016, 94, .	4.7	14
278	First measurement of $\langle \mathbb{1} \rangle$ production in pp collisions at $\sqrt{s_{\text{NN}}}=0.07$ TeV. Physical Review D, 2019, 100, .	4.7	14
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280	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2019, 99, .	4.7	14
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284	W and Z boson production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
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297	Production of $K$ mesons in pp collisions at $\sqrt{s} = 5.02, 7$ and 13 TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	12
298	Study of $J/\psi$ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	12
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304	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 505-518.	4.7	11
305	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	11
306	Coherent photoproduction of $\rho^0$ vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	11

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349	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
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