

Marek Kowalski

List of Publications by Year in descending order

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Version: 2024-02-01

329
papers

26,771
citations

3531

90
h-index

7745

150
g-index

331
all docs

331
docs citations

331
times ranked

8324
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	1.2	811
2	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	7.8	659
3	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 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. Physical Review Letters, 2011, 106, 032301.	7.8	507
5	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
6	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 107, 032301.	7.8	482
7	Production of multi-strange hadrons in high-multiplicity proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 13, 535-539.	2.9	465
8	The ALICE TPC, a large 3-dimensional tracking device with fast readout for ultra-high multiplicity events. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 622, 316-367.	1.6	450
9	ALICE: Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	3.6	441
10	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	4.1	433
11	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
12	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, 2011, 696, 30-39.	4.1	307
13	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.	2.9	302
14	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	7.8	296
15	Directed and elliptic flow of charged pions and protons in Pb-Pb collisions at 4.0 and 15.8 AGeV. Physical Review C, 2003, 68, .	2.9	282
16	Production of multi-strange hadrons in high-multiplicity proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 13, 535-539.	7.8	270
17	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, .	2.9	267
18			

#	ARTICLE	IF	CITATIONS
19	Evidence for an Exotic $S=2, Q=2$ Baryon Resonance in Proton-Proton Collisions at the CERN SPS. <i>Physical Review Letters</i> , 2004, 92, 042003.	7.8	252
20	Baryon Stopping and Charged Particle Distributions in Central Pb+Pb Collisions at 158 GeV per Nucleon. <i>Physical Review Letters</i> , 1999, 82, 2471-2475.	7.8	250
21	The NA49 large acceptance hadron detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999, 430, 210-244.	1.6	244
22	Two-pion Bose-Einstein correlations 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> , 2013, 726, 164-177.	4.1	235
23	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	228
24	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010, 68, 345-354.	3.9	212
25	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 216-227.	4.1	210
26	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ GeV with ALICE at the LHC. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	209
27	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2013, 110, 012301.	3.9	203
28	Charmonium and $e+e$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2617.	3.9	202
29	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. <i>European Physical Journal C</i> , 2013, 73, 2456.	3.9	199
30	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010, 68, 89-108.	7.8	194
31	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 072301.	1.2	189
32	Performance of the ALICE VZERO system. <i>Journal of Instrumentation</i> , 2013, 8, P10016-P10016.	4.1	188
33	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 736, 196-207.	2.8	184
34	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 708, 249-264.	2.8	184
35	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 252301.	2.8	184

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37	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	182
38	Production of η -mesons in p+p, p+Pb and central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	4.1	160
39	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	1.2	171
40	Photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	4.1	171
41	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	171
42	Centrality, rapidity and transverse momentum dependence of η -meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	4.1	171
43	Production of η -mesons in p+p, p+Pb and central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 59-66.	4.1	165
44	Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	163
45	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	156
46	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	156
47	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	155
48	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	154
49	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
50	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in p+Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	151
51	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
52	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
53	Event-by-event fluctuations of average transverse momentum in central Pb+Pb collisions at 158 GeV per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 679-686.	4.1	146
54	Multiplicity and transverse energy flux in 160+Pb at 200 GeV per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 184, 271-276.	4.1	145

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55	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
56	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	7.8	138
57	Transverse Energy Production in Pb208+ Pb Collisions at 158 GeV per Nucleon. Physical Review Letters, 1995, 75, 3814-3817.	7.8	136
58	Centrality dependence of particle production in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2015, 91, .	2.9	135
59	Neutral pion and η meson production in proton-proton collisions at $\sqrt{s}=0.28$ TeV. Physical Review C, 2015, 91, .	4.1	133
60	Energy and centrality dependence of η production and the η /pA ratio in Pb+Pb collisions between 20A GeV and 158A GeV. Physical Review C, 2006, 73, .	2.9	131
61	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
62	Multiparticle azimuthal correlations in p-Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
63	Production of light nuclei and anti-nuclei in p and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
64	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s}=0.9$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
65	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
66	Energy and centrality dependence of deuteron and proton production in Pb+Pb collisions at relativistic energies. Physical Review C, 2004, 69, .	2.9	119
67	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
68	Rapidity and transverse momentum dependence of inclusive Λ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	115
69	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
70	Production of $K^*(892)^0$ and $\bar{\Lambda}(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
71	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, 2016, 758, 389-401.	4.1	111
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73	Energy dependence of π^0 and K^0_S production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Nuclear and High-Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	2.7	105
74	Inclusive production of charged pions in p+p collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2006, 45, 343-381.	2.9	104
75	Inclusive production of charged pions in p+p collisions at 158 GeV/c beam momentum. European Physical Journal C, 2006, 45, 343-381.	3.9	101
76	Inclusive production of charged pions in p+Pb collisions at 158 GeV/c beam momentum. European Physical Journal C, 2007, 49, 897-917.	3.9	101
77	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
78	Azimuthal anisotropy of meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear and High-Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	2.9	101
79	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	100
80	Polarization in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	99
81	Particle-Yield Modifications 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
82	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
83	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. Journal of High Energy Physics, 2018, 2018, 1.	4.7	97
84	Production of Muons from Heavy Flavor Decays at Forward Rapidity in p-Pb and Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear and High-Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	7.8	96
85	Meson Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear and High-Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	7.8	94
86	ϕ and $\bar{\Lambda}$ Production in Central Pb-Pb Collisions at 40, 80, and 158 A GeV. Physical Review Letters, 2004, 93, 022302.	7.8	93
87	Femtoscscopy of meson production in p-p collisions at $\sqrt{s} = 2.76$ TeV. Nuclear and High-Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.7	93
88	Production of charged pion, kaon, and (anti)proton production at large transverse momentum in p+Pb collisions at $\sqrt{s} = 2.76$ TeV. Nuclear and High-Energy Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	93
89	Charged particle spectra in central S+S collisions at 200 GeV/c per nucleon. Physical Review Letters, 1994, 72, 1419-1422.	4.1	93
90	Charged particle spectra in central S+S collisions at 200 GeV/c per nucleon. Physical Review Letters, 1994, 72, 1419-1422.	7.8	92

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91	η suppression 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, 2017, 766, 212-224.		92
92	Measurement of quarkonium production at forward rapidity in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
93	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.	3.9	89
94	Multiplicity dependence of light-flavor hadron production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2019, 99, .	2.9	89
95	Transverse momentum fluctuations in nuclear collisions at 158 A GeV. Physical Review C, 2004, 70, .	2.9	88
96	Inclusive Λ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	4.1	88
97	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88
98	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2009, 79, 034907.	2.9	87
99	Measurement of π^0 Cross-Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 034907.	2.8	86
100	Multi-strange baryon production in pp collisions at $\sqrt{s} = 7$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	4.1	86
101	and Λ meson production at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, .	2.9	86
102	Probing the space-time geometry of ultra-relativistic heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 203, 320-326.	4.1	84
103	Event-by-Event Fluctuations of the Kaon-to-Pion Ratio in Central Pb+Pb Collisions at 158 GeV per Nucleon. Physical Review Letters, 2001, 86, 1965-1969.	7.8	83
104	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
105	Λ Production in Central Pb+Pb collisions at 40 and 158 A GeV. Physical Review Letters, 2005, 94, 192301.	7.8	80
106	D -Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2018, 120, 102301.	7.8	80
107	Production of Λ and $\bar{\Lambda}$ at Very Low p_T in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2017, 95, .	7.8	77
108	Inclusive production of protons, anti-protons and neutrons in p+p collisions at 158 A GeV/c beam momentum. European Physical Journal C, 2010, 65, 9.	3.9	76

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109	Anisotropic flow in Xe+Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Energy dependence of meson production in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	2.9	74
110	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
111	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	71
112	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	4.1	70
113	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	7.8	69
114	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	68
115	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	4.7	68
116	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	7.8	67
117	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	4.1	67
118	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	66
119	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	64
120	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	64
121	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	64
122	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	64
123	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	64
124	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	64
125	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	64
126	Production of deuterium, tritium, and ^3He in central Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	64

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145	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, .	2.9	51
146	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
147	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	4.1	50
148	Energy dependence of forward-rapidity $\langle N \rangle / \sqrt{N}$ and $\langle N^2 \rangle / \langle N \rangle^2$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
149	Charged particle multiplicities and inelastic cross sections in high energy nuclear collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 205, 583-589.	4.1	49
150	Electric charge fluctuations in central Pb+Pb collisions at 20A, 30A, 40A, 80A, and 158A GeV. Physical Review C, 2004, 70, .	2.9	49
151	Energy dependence of multiplicity fluctuations in heavy ion collisions at 20A to 158A GeV. Physical Review C, 2008, 78, .	2.9	49
152	Energy dependence of transverse momentum fluctuations in Pb-Pb collisions at the CERN Super Proton Synchrotron (SPS). Physical Review C, 2007, 75, .	2.9	49
153	Measurement of charged jet production cross sections and nuclear modification in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	49
154	Bose-Einstein correlations of π^0 mesons in central Pb+Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2008, 77, .	2.9	48
155	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
156	Centrality and system size dependence of multiplicity fluctuations in nuclear collisions at 158A GeV. Physical Review C, 2007, 75, .	2.9	47
157	Production of D mesons in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 92, .	2.9	47
158	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	4.1	46
159	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 92, .	2.9	46
160	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
161	Freeze-out radii extracted from three-pion cumulants in pp, Pb-Pb and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	4.1	45
162	Forward-central two-particle correlations in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 126-139.	4.1	45

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163	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45
164	Multiplicity, momentum and angular characteristics of Λ mesons for pC, dC, ^3He and CC interactions at 4.2 GeV/c per nucleon. Zeitschrift für Physik C-Particles and Fields, 1985, 27, 177-185.	1.5	44
165	Λ 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
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