

Otwinowski Jacek

List of Publications by Year in descending order

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Version: 2024-02-01

257
papers

20,830
citations

5268

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259
docs citations

259
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV: Long-range angular correlations on the near and away side in p \bar{c} 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	659
2	Long-range angular correlations on the near and away side in p \bar{c} 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
3	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
4	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
5	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
6	Centrality dependence of $\langle K_T \rangle$ and $\langle p_T \rangle$ 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.	2.9	465
7	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	4.1	433
8	Multiplicity dependence of pion, kaon, proton and lambda production in p \bar{c} Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	16.7	399
9	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.	5.02	307
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.	4.1	301
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	296
12	The high-acceptance dielectron spectrometer HADES. European Physical Journal A, 2009, 41, 243-277.	2.5	271
13	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, 034901.	7.8	270
14	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, 034901.	2.9	267
15	Long-range angular correlations of $\langle K_T \rangle$ and $\langle p_T \rangle$ in p \bar{c} Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	4.1	235
16	Long-range angular correlations of $\langle K_T \rangle$ and $\langle p_T \rangle$ in p \bar{c} Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	5.02	235
17	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 1.	4.7	228
18	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 7$ TeV with ALICE at LHC. 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, 052301.	4.1	188
29	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.	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 charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	4.1	180
32	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	1.2	171
33	Photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	4.1	171
34	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	171
35	Suppression in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	4.1	171
36	Direct photon production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	163

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37	Transverse momentum spectra of charged particles in protonâ€‘proton collisions at $\sqrt{s} = 2.76$ TeV with ALICE at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 53-68.	4.1	156
38	Particle and high-energy physics. Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	7.8	155
39	Centrality dependence of the pseudorapidity density distribution for charged particles in Pbâ€‘Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	151
40	Measurement of pion, kaon and proton production in protonâ€‘proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
41	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
42	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	151
43	Measurement of pion, kaon and proton production in protonâ€‘proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
44	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
45	Strange particle production in protonâ€‘proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	140
46	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
47	Strange particle production in protonâ€‘proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	2.9	135
48	and centrality dependence of the average transverse momentum in pp, pâ€‘Pb, and Pbâ€‘Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	4.1	133
49	Multiplicity dependence of the average transverse momentum in pp, pâ€‘Pb, and Pbâ€‘Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	4.1	133
50	Multiplicity dependence of the average transverse momentum in pp, pâ€‘Pb, and Pbâ€‘Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	4.1	130
51	Multiparticle azimuthal correlations in Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
52	Production of light nuclei and anti-nuclei inppand Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
53	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in protonâ€‘proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
54	First protonâ€‘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

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55	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
56	Dielectron Production in C12+C12 Collisions at 2.4 GeV with the HADES Spectrometer. Physical Review Letters, 2007, 98, 052302.	7.8	115
57	Rapidity and transverse momentum dependence of inclusive π^0 production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	115
58	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
59	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
60	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
61	Production of $\Lambda(1520)$ and $\bar{\Lambda}(1520)$ in pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	4.1	105
62	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
63	Azimuthal anisotropy of D^0 -meson production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Exclusive hadron production in pp collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	2.9	101
64	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Polarization in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	100
65	Production of $\Lambda(1520)$ and $\bar{\Lambda}(1520)$ in pp collisions at $\sqrt{s}=2.76$ TeV. Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	99
66	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
67	Production of Muons from Heavy Flavor Decays at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Meson Production in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Femtoscopic study of π^0 production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	7.8	96
68	Production of $\Lambda(1520)$ and $\bar{\Lambda}(1520)$ in pp collisions at $\sqrt{s}=2.76$ TeV. Femtoscopic study of π^0 production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	7.8	94
69	Femtoscopic study of π^0 production in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.7	93
70	Production of $\Lambda(1520)$ and $\bar{\Lambda}(1520)$ in pp collisions at $\sqrt{s}=2.76$ TeV. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	93
71	Production of $\Lambda(1520)$ and $\bar{\Lambda}(1520)$ in pp collisions at $\sqrt{s}=2.76$ TeV. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	93
72	Production of $\Lambda(1520)$ and $\bar{\Lambda}(1520)$ in pp collisions at $\sqrt{s}=2.76$ TeV. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	93

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73	γ/π 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
74	Measurement of quarkonium production at forward rapidity in $\sqrt{s_{NN}} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
75	Production of K_S^0 and ϕ (1020) in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
76	Inclusive π^0 production in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	4.1	88
77	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
78	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, 2010, 81, 054907.	2.9	87
79	Measurement of π^0 production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	4.8	86
80	Multi-strange baryon production in pp collisions at $\sqrt{s_{NN}} = 7$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	4.1	86
81	and Λ meson production at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, 054907.	2.9	86
82	Origin of the low-mass electron pair excess in light nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 118-122.	4.1	85
83	C collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	83
84	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
85	D -Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2017, 95, 054907.	7.8	80
86	Dielectron production in Ar + KCl collisions at 1.76 GeV. Physical Review C, 2011, 84, 054907.	2.9	78
87	at Very Low $\sqrt{s_{NN}}$. Physical Review C, 2011, 84, 054907.	7.8	77
88	Anisotropic flow in Xe+Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.	7.8	77
89	Production of ^4He and ^4He in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	7.8	74
90	Production of ^4He and ^4He in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	1.5	74

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91	$\bar{\Lambda}$ decay: A relevant source for K^0 at energies available at the GSI Schwerionen-Synchrotron (SIS)? Physical Review C, 2009, 80, .	2.9	71
92	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
93	Production of Λ and $\bar{\Lambda}$ baryons in heavy-ion collisions: nuclei, and their antinuclei in heavy-ion collisions. Physical Review C, 2013, 87, .	2.9	71
94	The case of K^0 threshold production in heavy-ion collisions. Physical Review C, 2013, 87, .	2.9	70
95	Measurement of charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 269-272.	4.7	68
96	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
99	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 77, 567-577.	7.8	67
100	Midrapidity Antiproton-to-Proton Ratio in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV Measured by the ALICE Experiment. Physical Review Letters, 2010, 105, 072002.	7.8	67
101	Suppression of $\bar{\Lambda}$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 87, 054907.	4.1	67
102	rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
103	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
104	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
105	Two-pion Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ to 8 TeV. Physical Review D, 2018, 98, .	4.7	61
106	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
107	Production of inclusive $I(1S)$ and $I(2S)$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 269-272.	4.1	60
108	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	62

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109	Inclusive dielectron spectra in p+p collisions at 3.5 GeV kinetic beam energy. European Physical Journal A, 2012, 48, 1.	2.5	58
110	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = \{2\}.76, \{ \text{TeV} \}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
111	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	7.8	58
112	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
113	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	57
114	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
115	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
116	Measurement of D^0 , D^+ , D^{*+} and $D+s$ production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
118	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
119	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV at the CERN Large Hadron Collider. Physical Review C, 2014, 89, .	2.9	51
120	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
121	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	4.1	50
122	Energy dependence of forward-rapidity ψ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
123	Measurement of charged jet production cross sections and nuclear modification in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 68-81.	4.1	49
124	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
125	Charged particle production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	2.9	47
126	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	4.1	46

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127	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
128	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
129	Freeze-out radii extracted from three-pion cumulants in pp, pPb and PbPb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	4.1	45
130	Forward-central two-particle correlations in pPb 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
131	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45
132	$\sqrt{s_{NN}} = 5.02$ TeV 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
133	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
134	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	44
135	$\sqrt{s_{NN}} = 7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
136	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	16.7	41
137	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
138	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
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143	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
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155	π^0 and η meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
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166	Neutral pion and η meson production in Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
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