

Nikola Poljak

List of Publications by Year in descending order

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258
papers

14,735
citations

14655

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111
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263
all docs

263
docs citations

263
times ranked

6946
citing authors

#	ARTICLE	IF	CITATIONS
1	Identified baryon and meson distributions at large transverse momenta from Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2006, 97, 152301.	2.9	714
2	Azimuthal Charged-Particle Correlations and Possible Local Strong Parity Violation. Physical Review Letters, 2009, 103, 251601.	7.8	424
3	Transverse Momentum and Centrality Dependence of High-pT Nonphotonic Electron Suppression in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2007, 98, 192301.	7.8	379
4	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	7.8	365
5	Higher Moments of Net Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2010, 105, 022302.	7.8	278
6	Strange particle production in p+pcollisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2007, 75, .	2.9	267
7	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, .	2.9	263
8	Identified Baryon and Meson Distributions at Large Transverse Momenta from Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2006, 97, 152301.	7.8	261
9	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	12.6	249
10	Beam Energy Dependence of Moments of the Net-Charge Multiplicity Distributions in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 113, 092301.	7.8	245
11	Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions. Physical Review C, 2008, 77, .	4.1	228
12	Long range rapidity correlations and jet production in high energy nuclear collisions. Physical Review C, 2009, 80, .	2.9	225
13	Charmonium and $e + e^{-}$ pair photoproduction at mid-rapidity in ultra-peripheral Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	3.9	203
14	Identified particle production, azimuthal anisotropy, and interference measurements in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2006, 97, 152301.	2.9	200
15	Beam-Energy Dependence of the Directed Flow of Protons, Antiprotons, and Pions in Au+Au Collisions. Physical Review Letters, 2014, 112, 162301.	7.8	186
16	Partonic Flow and Meson Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2006, 97, 162301.	7.8	181
17	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2006, 97, 162301.	7.8	179

#	ARTICLE	IF	CITATIONS
19	Observation of $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$ Nuclear Modifications in Au+Au collisions at $\sqrt{s} = 7.7$ TeV. Physical Review Letters, 2014, 113, 142301.	7.8	179
20	Scaling Properties of Hyperon Production in Au+Au Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2007, 98, 062301.	7.8	175
21	Minijet deformation and charge-independent angular correlations on momentum subspace (\hat{i}, \hat{j}) in Au-Au collisions at $\sqrt{s} = 130$ GeV. Physical Review C, 2006, 73, 054907.	2.9	166
22	Energy dependence of $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$ Au collisions at $\sqrt{s} = 7.7$ TeV. Physical Review Letters, 2014, 113, 052302.	4.1	161
23	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7.7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
24	Beam-Energy Dependence of Charge Separation along the Magnetic Field in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	7.8	147
25	Longitudinal Double-Spin Asymmetry and Cross Section for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2006, 97, 252001.	7.8	141
26	Forward Neutral-Pion Transverse Single-Spin Asymmetries in Au+Au collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2006, 97, 252001.	7.8	138
27	Production of $\Sigma(1385)^+$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7.7$ TeV. European Physical Journal C, 2015, 75, 1.	2.9	127
28	Production of $\Sigma(1385)^+$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7.7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
29	Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2013, 88, 054907.	2.9	124
30	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
31	Measurements of $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$ meson production in relativistic heavy-ion collisions at the BNL Relativistic Heavy Ion Collider (RHIC). Physical Review C, 2009, 79, 054907.	2.9	117
32	Mass, quark-number, and $\sqrt{s_{NN}}$ dependence of the second and fourth flow harmonics in ultrarelativistic nucleus-nucleus collisions. Physical Review C, 2007, 75, 054907.	2.9	112
33	Strange Baryon Resonance Production in $\sqrt{s_{NN}} = 200$ GeV p+Au Collisions. Physical Review Letters, 2006, 97, 132301.	7.8	108
34	Global polarization measurement in Au+Au collisions. Physical Review C, 2007, 76, 054907.	2.9	107
35	Third harmonic flow of charged particles in Au+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2014, 113, 052302.	2.9	106
36	System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.	7.8	102

#	ARTICLE	IF	CITATIONS
37	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
38	Enhanced strange baryon production in Au+Au collisions compared to $p \rightarrow p + p$	2.9	97
39	Production of D^* mesons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. $D^* \rightarrow D + \pi$	4.7	97
40	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
41	Observation of Charge Asymmetry Dependence of Pion Elliptic Flow and the Possible Chiral Magnetic Wave in Heavy-Ion Collisions. Physical Review Letters, 2015, 114, 252302.	7.8	93
42	Indications of Conical Emission of Charged Hadrons at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2009, 102, 052302.	7.8	91
43	Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.	7.8	91
44	Fluctuations of charge separation perpendicular to the event plane and local parity violation in Au + Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	2.9	62
45	Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in $p\bar{p}$ Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2008, 100, 232003.	7.8	89
46	Observation of an Energy-Dependent Difference in Elliptic Flow between Particles and Antiparticles in Relativistic Heavy Ion Collisions. Physical Review Letters, 2013, 110, 142301.	7.8	89
47	Measurement of quarkonium production at forward rapidity in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
48	Production of K^* mesons in Au+Au collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
49	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
50	Suppression of Λ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.	4.1	87
51	Strange and multi-strange particle production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.	2.9	86
52	Azimuthal Anisotropy in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.	7.8	85
53	Production of Λ baryons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.	2.9	81
54	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	7.8	80

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55	<p>Production of Hadron Compositions in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.</p> <p>Collisional production of hadrons in heavy ion collisions at mid-rapidity. Physical Review C, 2014, 89, 054907.</p>	7.8	80
56	<p>Production of hadrons in heavy ion collisions at mid-rapidity. Physical Review C, 2014, 89, 054907.</p>	4.1	80
57	<p>Correlation function in Au+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, 054907.</p>	7.8	80
58	<p>Collisional production of hadrons in heavy ion collisions at mid-rapidity. Physical Review C, 2014, 89, 054907.</p>	7.8	79
59	<p>Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, 054907.</p>	2.9	73
60	<p>Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.</p>	3.9	72
61	<p>Cu-Cu collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, 054907.</p>	4.1	71
62	<p>Production of mesons at large Feynman x_F in heavy ion collisions. Physical Review C, 2014, 89, 054907.</p>	4.7	70
63	<p>Precision Measurement of the Longitudinal Double Spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 202301.</p>	7.8	70
64	<p>Collisional production of hadrons in heavy ion collisions at mid-rapidity. Physical Review C, 2014, 89, 054907.</p>	7.8	68
65	<p>Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.</p>	4.7	68
66	<p>Long-range pseudorapidity dihadron correlations in d+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, 054907.</p>	2.9	68
67	<p>Polarized proton-nucleon collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2015, 747, 265-271.</p>	4.7	66
68	<p>Beam-energy-dependent two-pion interferometry and the freeze-out eccentricity of pions measured in heavy ion collisions at the STAR detector. Physical Review C, 2015, 92, 054907.</p>	2.9	65
69	<p>Production of hadrons in heavy ion collisions at mid-rapidity. Physical Review C, 2014, 89, 054907.</p>	2.9	64
70	<p>Measurement of Longitudinal Spin Asymmetries for Weak Boson Production in Polarized Proton-Proton Collisions at RHIC. Physical Review Letters, 2014, 113, 072301.</p>	7.8	62
71	<p>Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.</p>	3.9	62
72	<p>Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.</p>	3.9	62

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73	<p> $\langle d \rangle$ </p> <p>and Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 104, 022301.</p>	2.9	61
74	<p> $\langle p_T \rangle$ </p> <p>Event-by-event mean p_T fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.</p>	3.9	61
75	<p> K_T </p> <p>Multiplicity dependence of inclusive pT spectra from p+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2006, 74, 074011.</p>	4.7	60
76	<p> K_T </p> <p>Cu and Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 104, 022301.</p>	2.9	60
77	<p> K_T </p> <p>Transverse momentum dependence of inclusive primary charged-particle production in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2010, 40, 022301.</p>	3.9	58
78	<p> K_T </p> <p>Meson production in Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 104, 022301.</p>	7.8	58
79	<p> K_T </p> <p>Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 104, 022301.</p>	2.9	55
80	<p> K_T </p> <p>Charged and strange hadron elliptic flow in Cu collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2009, 103, 022301.</p>	2.9	55
81	<p> K_T </p> <p>Measurements of dielectron production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV from the STAR experiment. Physical Review C, 2015, 92, 034907.</p>	2.9	55
82	<p> K_T </p> <p>Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 034907.</p>	2.9	55
83	<p> K_T </p> <p>Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.</p>	4.7	55
84	<p> K_T </p> <p>at low p_T Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 104, 022301.</p>	2.9	54
85	<p> K_T </p> <p>Measurement of D0, D+, D*+ and D+s production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.</p>	4.7	54
86	<p> K_T </p> <p>Fluctuations at Relativistic Energies. Physical Review Letters, 2009, 103, 092301.</p>	7.8	53
87	<p> K_T </p> <p>Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, 034907.</p>	2.9	53
88	<p> K_T </p> <p>Dielectron Mass Spectra from Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 113, 022301.</p>	7.8	52
89	<p> K_T </p> <p>$\langle \hat{p}_T \rangle$-correlations in central Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2007, 75, 034907.</p>	2.9	50
90	<p> K_T </p> <p>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.</p>	4.7	50

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91	Energy dependence of forward-rapidity $\langle J \rangle / \psi$ and ψ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
92	Pion interferometry in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. Physical Review C, 2009, 80, .	2.9	49
93	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
94	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
95	Jet-Hadron Correlations in $\langle \sqrt{s} \rangle$ and $\langle p \rangle$. Physical Review Letters, 2014, 112, 122301.	7.8	48
96	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
97	Production in Polarized Proton-Proton Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 112, 122301.	7.8	46
98	Balance functions from Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, 014907.	2.9	45
99	nonphotonic electron production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, 014907.	4.7	45
100	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, 014907.	2.9	45
101	Production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, 014907.		

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109	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
110	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
111	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
112	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
113	Observation of Two-Source Interference in the Photoproduction Reaction $\langle \cos(\phi_1 - \phi_2) \rangle = \langle \cos(\phi_1) \cos(\phi_2) \rangle + \langle \sin(\phi_1) \sin(\phi_2) \rangle$	7.8	38
114	Measurement of Azimuthal Anisotropy in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 102, 112301.	7.8	38
115	Rapidity and transverse-momentum dependence of the inclusive J/ψ 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
116	Multiplicity dependence of π^0 , K, and p production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
117	Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2009, 102, 112301.	4.7	37
118	Pion femtoscopic correlations in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 202301.	2.9	37
119	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
120	Production of $\Sigma(1385)^{\pm}$ in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 389.	3.9	36
121	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2006, 74, .	2.9	35
122	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2014, 89, .	4.7	35
123	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
124	Directed Flow of Identified Particles in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 202301.	7.8	34
125	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
126	Energy dependence of exclusive ψ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34

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127	The energy dependence of pT angular correlations inferred from mean-pT fluctuation scale dependence in heavy ion collisions at the SPS and RHIC. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 451-465.	3.6	33
128	Differential studies of inclusive J/ψ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
129	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	2.9	32
130	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8$ TeV. European Physical Journal C, 2017, 77, 1.	4.1	32
131	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76, \text{ and } 7$ TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	3.9	32
132	Centrality dependence of charged jet production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
133	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
134	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
135	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
136	Coherent π^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
137	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, Pb-Pb, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
138	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 467-473.	4.1	29
139	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
140	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, .	2.9	28
141	System size and energy dependence of near-side dihadron correlations. Physical Review C, 2012, 85, .	2.9	28
142	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
143	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28

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145	<p>Production of Λ baryons in p-p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2012, 85, .</p> <p>Effect of event selection on jetlike correlation measurement in d+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2012, 85, .</p>	2.9	25
146	<p>Production of Λ baryons in p-p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2012, 85, .</p> <p>Effect of event selection on jetlike correlation measurement in d+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2012, 85, .</p>	2.9	25
147	<p>Production of Λ baryons in p-p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2012, 85, .</p> <p>Effect of event selection on jetlike correlation measurement in d+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2012, 85, .</p>	7.8	25
148	<p>Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.</p>	4.7	24
149	<p>Effect of event selection on jetlike correlation measurement in d+Au collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 333-339.</p>	3.9	24
150	<p>(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.</p>	3.9	24
151	<p>Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and p+Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.</p>	3.9	23
152	<p>Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 7$ TeV and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.</p>	3.9	23
153	<p>Prompt D^0, D^+, and D^{*+} production in Pb+Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.</p>	4.7	23
154	<p>Directed and elliptic flow of charged particles in Cu collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, .</p>	2.9	21
155	<p>Production of Λ baryons in p-p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2014, 89, .</p>	2.9	21
156	<p>Beam-energy dependence of charge balance functions from Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .</p>	2.9	21
157	<p>Longitudinal scaling property of the charge balance function in Au+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2010, 82, .</p>	4.1	20
158	<p>Υ cross section in p+Pb collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2010, 82, .</p>	4.7	20
159	<p>Production of Λ baryons in p-p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2012, 85, .</p> <p>Beam-energy dependence of charge balance functions from Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .</p>	2.9	20
160	<p>Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.</p>	4.7	20
161	<p>Strangelet search in Au+Au collisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2007, 76, .</p>	2.9	19
162	<p>Measurement of the $W^+ \rightarrow e^+ \nu_e$ and $Z \rightarrow \nu_e \bar{\nu}_e$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s} = 500$ GeV. Physical Review D, 2012, 85, .</p>	4.7	19

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163	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. http://www.w3.org/1998/Math/MathML	4.7	19
164	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. http://www.w3.org/1998/Math/MathML	4.7	18
165	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
166	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
167	Measurement of prompt D^0 , D^+ , D^{*+} , and D_s^+ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
168	Coherent $\psi(2S)$ and $\psi(1S)$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1. http://www.w3.org/1998/Math/MathML	3.9	18
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170	Spectra of identified high- p_T Λ and Σ hyperons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. http://www.w3.org/1998/Math/MathML	2.9	17
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172	Centrality dependence of $\psi(2S)$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
173	Measurement of beauty and charm production in pp collisions at $\sqrt{s} = 5.02$ TeV via non-prompt and prompt D mesons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
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189	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
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