

Nirbhay Kumar Behera

List of Publications by Year in descending order

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243
papers

14,960
citations

14655

66
h-index

22832

112
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244
all docs

244
docs citations

244
times ranked

6963
citing authors

#	ARTICLE	IF	CITATIONS
1	Centrality dependence of angular correlations on the near and away side in $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 29-41.	4.1	561
2	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
3	Centrality dependence of K^0_S production in Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	2.9	465
4	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	16.7	399
5	Multiplicity dependence of pion, kaon, proton and lambda production in $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	4.1	307
6	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	4.1	301
7	Production of Λ baryons in Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	7.8	270
8	Centrality determination of Pb-Pb collisions at the LHC with ALICE. Physical Review C, 2013, 88, 024901.	2.9	267
9	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.1	235
10	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.	4.1	210
11	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	203
12	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	1.2	189
13	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 29-41.	4.1	189
14	Pion, kaon, and proton production in central Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 29-41.	4.1	184
15	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at the LHC. Physical Review Letters, 2016, 116, 222302.	7.8	182
16	Coherent Λ production in central Pb-Pb collisions at the LHC. Physical Review C, 2015, 91, 054901.	4.1	180
17	Λ photoproduction in ultra-peripheral Pb-Pb collisions at the LHC. Physical Review C, 2015, 91, 054901.	4.1	171

#	ARTICLE	IF	CITATIONS
19	Centrality, rapidity and transverse momentum dependence of meson elliptic flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 054907.	7.8	171
20	Suppression of elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 054908.	4.1	171
21	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	11	163
22	Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	7.8	155
23	Observation of the antimatter helium-4 nucleus. Nature, 2011, 473, 353-356.	27.8	154
24	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	11	154
25	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
26	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	7.8	151
27	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
28	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
29	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	7.8	138
30	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	7.8	135
31	Production of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, 054907.	7.8	134
32	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
33	Multiparticle azimuthal correlations in p-Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, 054907.	2.9	130
34	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, 054907.	2.9	129
35	Production of $\Sigma(1385)^+$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
36	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

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37	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
38	Multi-strange baryon production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401.	4.1	111
39	Production of $K^*(892)^0$ and $\bar{\Lambda}(1020)$ 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
40	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
41	Azimuthal anisotropy of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2013, 88, 014907.	2.9	101
42	Exclusive photoproduction off protons in ultraperipheral Pb-Pb collisions at the LHC. Physical Review Letters, 2015, 115, 022301.	7.8	100
43	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
44	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
45	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, 014907.	7.8	94
46	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, 014907.	4.1	93
47	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, 2016, 760, 720-735.	4.1	92
48	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
49	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
50	Production of $K^*(892)^0$ and $\bar{\Lambda}(1020)$ in p+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
51	Multiplicity dependence of light-flavor hadron production in p+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2013, 88, 014907.	2.9	89
52	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
53	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, 2016, 93, 014907.	2.9	87
54	Production of $K^*(892)^0$ and $\bar{\Lambda}(1020)$ in p+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 95, .	2.9	86

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55	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , 2016, 753, 319-329.	4.1	82
56	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2018, 120, 102301.	7.8	80
57	Transverse Momentum Spectra of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2018, 120, 102301.	7.8	77
58	Anisotropic flow in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 784, 82-95.	7.8	76
59	He in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Nuclear Physics A</i> , 2018, 971, 1-20.	1.5	74
60	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	72
61	Production of neutrons, tritons, nuclei, and their antinuclei in $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 262, 272.	2.9	71
62	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 262, 272.	7.8	69
63	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 722, 262-272.	4.1	68
64	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	68
65	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2017, 772, 567-577.	4.1	67
66	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 262, 272.	4.1	67
67	Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 166-179.	4.1	67
68	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. <i>Physical Review Letters</i> , 2019, 123, 112002.	7.8	66
69	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2019, 123, 142301.	7.8	64
70	Study of the Λ - Λ interaction with femtoscopy correlations in Pb-Pb collisions at the LHC. <i>Physical Review Letters</i> , 2019, 123, 142301.	7.8	64
71	Study of the Λ - Λ interaction with femtoscopy correlations in Pb-Pb collisions at the LHC. <i>Physical Review Letters</i> , 2019, 123, 142301.	4.1	64
72	Study of the Λ - Λ interaction with femtoscopy correlations in Pb-Pb collisions at the LHC. <i>Physical Review Letters</i> , 2019, 123, 142301.	2.9	64

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73	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
74	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2017, 77, 1.	3.9	62
75	Centrality and pseudorapidity dependence of the charged particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}} = 2.76$ and 5.44 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	4.1	62
76	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
77	Production of inclusive $I(1S)$ and $I(2S)$ in pA-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 2.76 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	5.02	60
78	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV . Physical Review Letters, 2013, 111, 232302.	7.8	58
79	Transverse momentum dependence of inclusive primary charged-particle production in pA-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 2.76 TeV . European Physical Journal C, 2014, 74, 1.	3.9	58
80	Measurement of electrons from semileptonic heavy-flavor hadron decays in pA-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 2.76 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	57
81	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.7	56
82	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 2.76 TeV . Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
83	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
84	Measurement of D_0 , D^+ , D^{*+} and $D+s$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
85	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	4.1	51
86	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV at the CERN Large Hadron Collider. Physical Review C, 2014, 89, .	3.9	51
87	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	50
88	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	4.1	50
89	Energy dependence of forward-rapidity $\langle \psi \rangle / \langle \psi \rangle$ and $\langle \psi \rangle / \langle \psi \rangle$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
90	Measurement of charged jet production cross sections and nuclear modification in pA-Pb collisions at $\sqrt{s_{NN}} = 5.02$ and 2.76 TeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	49

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91	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ TeV and 13 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
92	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
93	production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	2.9	47
94	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
95	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. High Energy Physics, 2013, 723, 267-279.	2.9	46
96	electron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	4.7	45
97	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2012, 86, 034907.	2.9	45
98	Freeze-out radii extracted from three-pion cumulants in pp, pPb 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
99	Forward-central two-particle correlations in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 753, 126-139.	1.1	45
100	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	7.8	45
101	J/ψ 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
102	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
103	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, 034907.	2.9	44
104	Measurement of $\langle D \rangle^0$, $\langle D \rangle^+$, $\langle D \rangle^{*+}$ and $\langle D \rangle^+_{\{s\}}$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
105	$\hat{b}+c$ 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
106	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	16.7	41
107	measurements in heavy-ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 86, 034907.	2.9	40
108	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

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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	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, 373-385.	4.1	40
111	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
112	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
113	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	39
114	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
115	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
116	Production of J/ψ 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.	4.1	39
117	Production of J/ψ 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.	4.1	38
118	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
119	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	7.8	38
120	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.	4.1	37
121	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	4.7	36
122	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	36
123	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
124	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2015, 91, .	4.7	35
125	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
126			

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127	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 766, 308-322.	3.9	34
128	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
129	Centrality dependence of charged jet production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
130	Centrality dependence of exclusive $J/\psi/\psi'$ 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
131	Centrality dependence of jet-like two-particle correlation structures in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	4.7	33
132	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
133	Beauty production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 738, 97-108.	3.9	31
134	Beauty production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 738, 97-108.	3.9	31
135	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7,$ and 8 TeV. European Physical Journal C, 2017, 77, 1.	3.9	32
136	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	3.9	31
137	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
138	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
139	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
140	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
141	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
142	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
143	Pseudorapidity dependence of the anisotropic 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, 2016, 766, 308-322.	3.9	30
144	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 467-473.	4.1	29

#	ARTICLE	IF	CITATIONS
145	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
146	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
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