

# Peter Christiansen

## List of Publications by Year in descending order

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Version: 2024-02-01

255  
papers

21,600  
citations

7551

77  
h-index

10127

140  
g-index

258  
all docs

258  
docs citations

258  
times ranked

7878  
citing authors

#	ARTICLE	IF	CITATIONS
1	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. <i>Physical Review D</i> , 2022, 105. Measurement of Prompt $D$ production cross section at midrapidity in pp collisions at the LHC. <i>Physical Review D</i> , 2022, 105.	1.6	24
2	Measurement of Prompt $D$ production cross section at midrapidity in pp collisions at the LHC. <i>Physical Review D</i> , 2022, 105.	2.9	18
3	Measurement of Prompt $D$ production cross section at midrapidity in pp collisions at the LHC. <i>Physical Review D</i> , 2022, 105.	1.5	15
4	Prompt $D^0$ , $D^+$ , and $D^{*+}$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	23
5	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	7
6	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	6
7	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2022, 82, 1.	1.5	22
8	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	23
9	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2021, 126, 162001.	2.9	10
10	First measurement of quarkonium polarization in nuclear collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 815, 136146.	1.5	11
11	Production of prompt $D$ mesons in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Physical Review D</i> , 2022, 105.	1.5	15
12	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	12
13	Coherent $\psi$ and $\psi'$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	18
14	Jet-associated deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 819, 136440.	1.5	6
15	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2021, 127, 092302.	2.9	9
16	Energy dependence of $\phi$ meson production at forward rapidity in pp collisions at the LHC. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	5
17	$K_S^0$ and (anti)- $\Lambda$ hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	1
18	Experimental Evidence for an Attractive $\bar{p}$ - $\bar{p}$ Interaction. <i>Physical Review Letters</i> , 2021, 127, 172301.	2.9	30

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19	Production and Baryon-to-Meson Ratios in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	2.9	29
20	Production and Baryon-to-Meson Ratios in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	1.1	23
21	Probing the gluon plasma with charm balance functions. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	2
22	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	2
23	Measurement of the Cross Sections of $\psi(2S)$ and $\psi(3S)$ Production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	2.9	21
24	Updated physics performance of the ESSnuSB experiment. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	14
25	Inclusive $\psi(2S)$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	6
26	Multiplicity dependence of light (anti-)nuclei production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	1.5	27
27	Multiplicity dependence of $\psi(2S)$ and $\psi(3S)$ production in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	1.5	22
28	QCD challenges from pp to A-A collisions. <i>European Physical Journal A</i> , 2020, 56, 1.	1.0	16
29	Search for a common baryon source in high-multiplicity pp collisions at the LHC. <i>Physics Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	1.5	37
30	Multiplicity dependence of $\pi$ , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	38
31	Azimuthal correlations of prompt D mesons with charged particles in pp and $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions at the LHC. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	11
32	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2020, 102, .		
33	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2020, 102, .	1.1	4
34	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	24
35	Measurement of isolated photon-hadron correlations in $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions at the LHC. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	1.1	3
36	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	1.5	6

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37	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	10
38	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2020, 101, .	1.1	110
39	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	1.1	16
40	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K <sub>s</sub> particles. Physical Review C, 2020, 101, .		
41	Investigation of the pK <sub>s</sub> interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	1.5	36
42	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
43	Production of $\Omega$ mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	4
44	Beam Energy and Centrality Dependence of Direct-Photon Emission from Ultrarelativistic Heavy-Ion Collisions. Physical Review Letters, 2019, 123, 022301.	2.9	26
45	Measurement of jet radial profiles 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, 2019, 796, 204-219.	1.5	7
46	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66
47	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review Letters, 2019, 123, 142301.	2.9	38
48	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	43
49	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	43
50	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	43
51	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	43
52	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s} = 2.76$ and 8 TeV. Physical Review C, 2019, 99, .	1.1	19
53	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	1.1	64
54	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .		

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55	Multiplicity dependence of light-flavor hadron production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	89
56	Relative particle yield fluctuations in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	15
57	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2019, 122, 072301.	2.9	18
58	Study of $J/\psi$ azimuthal anisotropy at forward rapidity in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	12
59	Measurement of prompt $D^0$ , $D^+$ , $D^{*+}$ , and $D^+$ production in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	18
60	Two-particle differential transverse momentum and number density correlations in $Pb-Pb$ collisions at 5.02 TeV and $Pb-Pb$ collisions at 2.76 TeV at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2019, 100, .	1.1	10
61	Multiplicity density in $Xe-Xe$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 544-548.	1.5	62
62	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 505-518.	1.5	11
63	Measurement of the inclusive isolated photon production cross section in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	8
64	Systematic studies of correlations between different order flow harmonics in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2019, 100, .	1.1	15
65	Production of $He$ nuclei, and their antinuclei in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2018, 121, 022301.	1.1	71
66	$J/\psi$ production as a function of charged-particle pseudorapidity density in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 776, 91-104.	1.5	56
67	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 777, 151-160.	1.5	16
68	First measurement of jet mass in $Pb-Pb$ and $pPb$ collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 776, 249-264.	1.5	39
69	$D$ -Meson Azimuthal Anisotropy in Midcentral $Pb-Pb$ Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2018, 120, 102301.	2.9	80
70	Neutral pion and $\eta$ meson production at midrapidity in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2018, 98, .	1.1	13
71	Measurement of $D^0$ , $D^+$ , $D^{*+}$ and $D^+$ production in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	54
72	Transverse momentum spectra and nuclear modification factors of charged particles in $pp$ , $pPb$ and $Pb-Pb$ collisions at the LHC. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	97

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73	Neutral pion and $\eta$ meson production in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}$ NN. European Physical Journal C, 2018, 78, 1.	1.4	31
74	Inclusive $J/\psi$ production in $\text{Xe-Xe}$ collisions at $\sqrt{s_{\text{NN}}}$ NN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	5.44	10
75	$\phi$ meson production at forward rapidity in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}$ NN. European Physical Journal C, 2018, 78, 1.	1.4	3
76	$\Lambda^+$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
77	Constraints on jet quenching in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 95-113.	1.5	28
78	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 320-331.	1.5	1
79	Anisotropic flow in $\text{Xe-Xe}$ collisions at $\sqrt{s_{\text{NN}}}$ NN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 92-95.	5.44	10
80	Particle identification studies with a full-size 4-GEM prototype for the ALICE TPC upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 903, 215-223.	0.7	11
81	$\pi^0$ and $\eta$ meson production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	34
82	First measurement of $\Lambda^0$ production in pp collisions at $\sqrt{s}=0.9$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
83	$J/\psi$ production at forward rapidity in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}$ NN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	5.02	92
84	Production of muons from heavy-flavour hadron decays in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}$ NN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	5.02	6
85	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	6.5	399
86	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
87	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ TeV and $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2017, 77, 245.	1.4	23
88	W and Z boson production in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
89	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}}$ NN. Physical Review C, 2017, 96, 014907.	1.1	10
90	Anomalous Evolution of the Near-Side Jet Peak Shape in $\text{Pb-Pb}$ Collisions at $\sqrt{s_{\text{NN}}}$ NN. Physical Review Letters, 2017, 119, 102301.	2.9	13

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91	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.		24
92	Cross section and transverse single-spin asymmetry of muons from open heavy-flavor decays in polarized p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2017, 95, 1.6	1.6	17
93	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2017, 95, 1.6		68
94	Measurements of $B \rightarrow J/\psi K$ and $B \rightarrow J/\psi \bar{K}$ meson production at high transverse momentum in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, .	1.1	86
95	Measurements of $B \rightarrow J/\psi K$ and $B \rightarrow J/\psi \bar{K}$ meson production at high transverse momentum in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, .		10
96	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
97	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	2.9	45
98	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.		50
99	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
100	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	2.9	8
101	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	6
102	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	2.9	12
103	Production of $\pi^0$ and $\eta$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	1.4	28
104	Energy dependence of forward-rapidity $\psi/\psi(2S)$ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	1.4	50
105	Production of $\Sigma(1385)^{\pm}$ . European Physical Journal C, 2017, 77, 389.	1.4	36
106	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	1.2	44
107	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.	1.4	32
108	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.	1.6	13

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109	B-meson production at forward and backward rapidity in p+p and Cu + Au collisions at sNN=200 GeV. Physical Review C, 2017, 96, .	1.1	6
110	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s}=7$ s=7 ATeV. European Physical Journal C, 2017, 77, 1.	1.4	31
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.	1.4	40
112	The Opportunity Offered by the ESSnuSB Project to Exploit the Larger Leptonic CP Violation Signal at the Second Oscillation Maximum and the Requirements of This Project on the ESS Accelerator Complex. Advances in High Energy Physics, 2016, 2016, 1-16.	0.5	17
113	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	1.2	29
114	production in collisions at	1.1	47
115	Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	1.5	20
116	Elliptic flow of muons from heavy-flavour hadron decays 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, 753, 41-56.	1.5	23
117	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	1.4	30
118	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, 762, 376-388.	1.5	30
119	momentum in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 376-388.	1.5	93
120	Transverse energy production and charged-particle multiplicity at midrapidity in various systems from 200 GeV. Physical Review C, 2016, 93, .	1.1	78
121	Single electron yields from semileptonic charm and bottom hadron decays in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, .	1.1	32
122	Measurement of the higher-order anisotropic flow coefficients for identified hadrons in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, .	1.1	30
123	Centrality-Dependent Modification of Jet-Production Rates in Deuteron-Gold Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, .	2.9	48
124	Measurement of an Excess in the Yield of $J/\psi$ at Very Low Centrality Dependence on the Nuclear Modification Factor for $J/\psi$ and $\psi(2S)$ protons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, .	2.9	77
125	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, .	1.7	17
126	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2016, 93, .	1.1	36



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127	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 044907.	2.9	127
128	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	148
129	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.	2.9	182
130	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	2.9	138
131	Centrality dependence of $\tilde{v}_2$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
132	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.	1.6	18
133	Differential studies of inclusive $J/\psi$ and $\tilde{\chi}(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	33
134	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.	1.6	40
135	Centrality dependence of charged jet production in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	1.4	31
136	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
137	Measurement of D + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
138	Production of $K_S^0$ and $\phi$ (1020) in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	1.4	89
139	Direct photon production in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 754, 335-348.	1.4	163
140	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.	1.4	111
141	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	1.4	39
142	Forward-central two-particle correlations in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.4	45
143	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	1.4	40
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147	Systematic study of charged-pion and kaon femtometry in Au+Au collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2015, 91, .	1.1	16
148	Measurements of Elliptic and Triangular Flow in High-Multiplicity pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	140
149	Rapidity and transverse-momentum dependence of the inclusive $J/\psi$ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	38
150	Inclusive, prompt and non-prompt $J/\psi$ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
151	Coherent $\pi^0$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
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153	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.	1.6	36
154	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.	1.6	35
155	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.	1.6	50
156	Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	28
157	Measurement of jet suppression in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	1.5	105
158	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	1.6	25
159	Measurement of Long-Range Angular Correlation and Quadrupole Anisotropy of Pions and (Anti)Protons in Central Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	143
160	Production of $K^0_S$ and $K^0_L$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	1.1	100
161	Two-pion femtometry in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	1.1	39
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164	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	118
165	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	1.4	149
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167	Meson Production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	94
168	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	2.9	100
169	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.	1.4	61
170	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	58
171	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
172	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.	1.4	72
173	Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 97-108.	1.5	32
174	Investigation of propagation algorithms for ray-tracing simulation of polarized neutrons. Journal of Neutron Research, 2014, 17, 27-34.	0.4	5
175	Heavy-flavor electron-muon correlations in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 112, 222301.	1.1	14
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177	Centrality categorization for Rp(d)+Au high-energy collisions. Physical Review C, 2014, 90, .	1.1	65
178	Multiparticle azimuthal correlations in Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	1.1	130
179	Azimuthal anisotropy of meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 90, .	2.9	56
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182	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	68
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184	Multiplicity dependence of pion, kaon, proton and lambda production in p+Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	1.5	307
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186	Measurement of quarkonium production at forward rapidity in $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	1.4	89
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188	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.	1.4	202
189	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.	1.4	31
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191	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.	1.5	130
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194	Centrality dependence of charged particle production at large transverse momentum in Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	1.1	301
195	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	18
196	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	1.4	101
197	Charmonium and $e^+e^-$ pair photoproduction at mid-rapidity in ultra-peripheral Pb+Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	1.4	203

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200	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 723, 267-279.	1.5	156
201	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 723, 267-279.	1.5	561
202	Charge correlations using the balance function 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, 723, 267-279.	1.5	46
203	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 723, 267-279.	1.1	267
204	Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	155
205	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	1.6	27
206	Quadrupole Anisotropy in Dihadron Azimuthal Correlations in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	69
207	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	58
208	Quadrupole Anisotropy in Dihadron Azimuthal Correlations in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	246
209	Naturalistic Collisions in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	167
210	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	171
211	Polarization in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	99
212	Observation of Direct Photon Collective Flow in Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	184
213	Quark Production in Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	96
214	Deviation from quark number scaling of the anisotropy parameter $v_2$ of pions, kaons, and protons in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 072301.	1.1	64
215	Quark Production in Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013, 111, 162301.	2.9	81
216	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 072301.	2.9	194

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218	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	57
219	Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	31
220	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.	1.6	115
221	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	228
222	Measurement of prompt $J/\psi$ 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.	1.6	54
223	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9$ and 2.76 TeV. European Physical Journal C, 2012, 72, 1.	1.4	32
224	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	111
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230	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	139
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236	<p>Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	2.9	507
237	<p>Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. <i>Physical Review Letters</i>, 2011, 107, 032301.</p>	2.9	249
238	<p>Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. <i>Physical Review Letters</i>, 2011, 107, 032301.</p>	2.9	482
239	<p>Cross Section and Parity-Violating Spin Asymmetries of <math>W^{\pm}</math> Boson Production in Polarized p-p Collisions at <math>\sqrt{s} = 500</math> GeV. <i>Physical Review Letters</i>, 2011, 106, 062001.</p>	2.9	54
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242	<p>Charged-particle multiplicity measurement in proton-proton collisions at <math>\sqrt{s} = 0.9</math> and 2.36 TeV with ALICE at LHC. <i>European Physical Journal C</i>, 2010, 68, 89-108.</p>	1.4	199
243	<p>Charged-particle multiplicity measurement in proton-proton collisions at <math>\sqrt{s} = 7</math> TeV with ALICE at LHC. <i>European Physical Journal C</i>, 2010, 68, 345-354.</p>	1.4	212
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246	<p>Transition in Yield and Azimuthal Shape Modification in Dihadron Correlations in Relativistic Heavy Ion Collisions. <i>Physical Review Letters</i>, 2010, 104, 252301.</p>	2.9	61
247	<p>Midrapidity Antiproton-to-Proton Ratio in Pb-Pb Collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV. <i>Physical Review Letters</i>, 2010, 105, 072002.</p>	2.9	67
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250	<p>The influence of detector effects on TPC performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i>, 2009, 609, 149-155.</p>	0.7	4
251	<p>The ALICE experiment at the CERN LHC. <i>Journal of Instrumentation</i>, 2008, 3, S08002-S08002.</p>	0.5	811
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