

Thomas Peitzmann

List of Publications by Year in descending order

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Version: 2024-02-01

667
papers

51,267
citations

902

116
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2116

203
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677
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677
docs citations

677
times ranked

9153
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
2	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	9
3	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. Physical Review D, 2022, 105.	1.6	24
4	Measurement of Prompt D^0 , D^+ , and D^* production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	2.9	18
5	Prompt and non-prompt J/ψ production cross sections at midrapidity in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	9
6	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	7
7	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 1.	1.4	6
8	Measurements of the groomed and ungroomed jet angularities in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	8
9	Design and performance of a silicon-tungsten calorimeter prototype module and the associated readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 988, 164796.	0.7	2
10	Centrality dependence of J/ψ and $\Upsilon(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
11	Transverse-momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136030.	1.5	22
12	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.5	8
13	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	23
14	Measurements of dihadron correlations relative to the event plane in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 2.76$ GeV*. Chinese Physics C, 2021, 45, 044002.	1.5	5
15	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2021, 126, 162001.	2.9	10
16	First measurement of quarkonium polarization in nuclear collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136146.	1.5	11
17	Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5

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19	<p> $\langle \mathcal{N} \rangle$ femtoscopy in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>Physical Review C</i>, 2021, 103, 044901. </p>	1.1	8
20	<p> Measurement of beauty and charm production in pp collisions at $\sqrt{s} = 5.02$ TeV via non-prompt and prompt D mesons. <i>Journal of High Energy Physics</i>, 2021, 2021, 1. </p>	1.6	17
21	<p> First measurement of the t-dependence of coherent J/ψ photonuclear production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2021, 817, 136280. </p>	1.5	21
22	<p> Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13.6$ TeV. <i>Physical Review Letters</i>, 2021, 127, 042302. </p>	2.9	3
23	<p> Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>Physical Review Letters</i>, 2021, 127, 042302. </p>	1.5	15
24	<p> Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. <i>European Physical Journal C</i>, 2021, 81, 1. </p>	1.4	12
25	<p> Investigating particle track topology for range telescopes in particle radiography using convolutional neural networks. <i>Acta Oncologica</i>, 2021, 60, 1413-1418. </p>	0.8	6
26	<p> Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $\sqrt{s} = 5.02, 7$ and 13 TeV. <i>European Physical Journal C</i>, 2021, 81, 1. </p>	1.4	12
27	<p> Coherent ψ and ψ' photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>European Physical Journal C</i>, 2021, 81, 1. </p>	1.4	18
28	<p> 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. </p>	1.5	6
29	<p> Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s} = 5.02$ TeV. <i>Physical Review Letters</i>, 2021, 127, 023802. </p>	2.9	9
30	<p> Inclusive heavy-flavour production at central and forward rapidity in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2021, 819, 136437. </p>	1.5	4
31	<p> First measurement of coherent J/ψ photoproduction in ultra-peripheral Xe-Xe collisions at $\sqrt{s} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2021, 820, 136481. </p>	1.5	14
32	<p> Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. <i>European Physical Journal C</i>, 2021, 81, 1. </p>	1.4	5
33	<p> Hadron decays at high transverse momentum in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>Physical Review Letters</i>, 2021, 127, 023802. </p>	1.5	7
34	<p> First measurement of coherent J/ψ photoproduction in ultra-peripheral Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2021, 820, 136481. </p>	1.5	6
35	<p> Helium radiography with a digital tracking calorimeter—a Monte Carlo study for secondary track rejection. <i>Physics in Medicine and Biology</i>, 2021, 66, 035004. </p>	1.6	8
36	<p> Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i>, 2021, 2021, 1. </p>	1.6	1

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37	K_S^0 and (anti) Λ -hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	1
38	First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
39	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5
40	Measurement of the production cross section of prompt Ξ_c^0 baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	11
41	Kaon-proton strong interaction at low relative momentum via femtoscopy in Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136708.	1.5	8
42	Experimental Evidence for an Attractive Interaction. Physical Review Letters, 2021, 127, 172301.	2.9	30
43	Production and Baryon-to-Meson Ratios in $\sqrt{s} = 2.76$ TeV Pb-Pb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	2.9	29
44	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	1.1	23
45	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	1.4	2
46	Characterization of monolithic CMOS pixel sensor chip with ion beams for application in particle computed tomography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162626.	0.7	6
48	Multiplicity dependence of light (anti)-nuclei production in pPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	1.5	27
49	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
50	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
51	Multiplicity dependence of $K^*(892)^0$ and $\Lambda(1020)$ production in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501.	1.5	22
52	A High-Granularity Digital Tracking Calorimeter Optimized for Proton CT. Frontiers in Physics, 2020, 8, .	1.0	21
53	Search for a common baryon source in high-multiplicity pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	1.5	37
54	Global baryon number conservation encoded in net-proton fluctuations measured in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564.	1.5	35

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55	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.	1.4	38
56	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, .	1.1	4
57	Azimuthal correlations of prompt D mesons with charged particles in pp and $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	11
58	Constraints of the Low- x Structure of Protons and Nuclei. EPJ Web of Conferences, 2020, 235, 03001.	0.1	0
59	Measurement of nuclear effects on $\Upsilon(2S)$ production in p -Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	6
60	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s} = 13.6$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135758.	1.5	26
61	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 102, .	1.1	4
62	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.1	4
63	Unveiling the strong interaction among hadrons at the LHC. Nature, 2020, 588, 232-238.	13.7	85
64	J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
65	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	24
66	$K^*(892)^0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at $s = 8$ TeV. Physical Review C, 2020, 102, .	1.1	15
67	Measurement of isolated photon-hadron correlations in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review C, 2020, 102, .	1.1	3
68	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	2.9	13
69	Image quality of list-mode proton imaging without front trackers. Physics in Medicine and Biology, 2020, 65, 135012.	1.6	8
70	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135434.	1.1	1
71	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	1.5	7
72	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and $Pb-Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	1.5	18

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73	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2020, 124, 092301.	1.5	6
74	Production of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s} = 8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 806, 135486.	1.5	11
75	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. <i>Physical Review Letters</i> , 2020, 124, 092301.	2.9	37
76	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	10
77	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. <i>Physical Review Letters</i> , 2020, 125, 012301.	2.9	72
78	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. <i>Physical Review Letters</i> , 2020, 125, 022301.	2.9	49
79	Fabrication and beam test of a silicon-tungsten electromagnetic calorimeter. <i>Journal of Instrumentation</i> , 2020, 15, P03015-P03015.	0.5	5
80	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	11
81	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	4
82	Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 802, 135227.	1.5	20
83	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	13
84	Measurements of inclusive jet spectra in central and peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2020, 101, 014907.	1.1	29
85	Production of charged pions, kaons and (anti)protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2020, 101, 014907.	1.1	110
86	Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2020, 101, 014907.	1.1	55
87	Production of (anti)-He3 and (anti)-H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2020, 101, 014907.	1.1	16
88	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K^0_S and \bar{K}^0_S . <i>Physical Review C</i> , 2020, 101, 014907.	1.1	16
89	Measurement of strange baryon-antibaryon interactions with femtoscopic correlations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 802, 135223.	1.5	14
90	Investigation of the Λ interaction via femtoscopy in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135419.	1.5	36

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91	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	49
92	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
93	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	15
94	Z-boson production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
95	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
96	Production of Ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	4
97	Development of Readout Electronics for a Digital Tracking Calorimeter. , 2020, , .		1
98	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.5	7
99	Production of Ω mesons in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. European Physical Journal C, 2020, 80, 1.	1.1	20
100	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	12
101	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66
102	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	0.5	8
103	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.	1.4	49
104	Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
105	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2019, 100, .	2.9	38
106	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2019, 100, .	2.9	64
107	Quarkonium measurements in nucleus-nucleus collisions with ALICE. Nuclear Physics A, 2019, 982, 703-706.	1.1	7
108	Quarkonium measurements in nucleus-nucleus collisions with ALICE. Nuclear Physics A, 2019, 982, 703-706.	0.6	2

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109	Light (anti-)nuclei production and elliptic flow at the LHC with ALICE. Nuclear Physics A, 2019, 982, 447-450.	0.6	4
110	Measurements of heavy-flavour correlations and jets with ALICE at the LHC. Nuclear Physics A, 2019, 982, 579-582.	0.6	2
111	Event-shape- and multiplicity-dependent identified particle production in pp collisions at 13 TeV with ALICE at the LHC. Nuclear Physics A, 2019, 982, 507-510.	0.6	9
112	Upgrade of the ALICE central barrel tracking detectors: ITS and TPC. Nuclear Physics A, 2019, 982, 943-946.	0.6	2
113	Hadronic resonances, strange and multi-strange particle production in Xe-Xe and Pb-Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 823-826.	0.6	16
114	ALICE measurements of flow coefficients and their correlations in small (pp and p-Pb) and large (Xe-Xe and Pb-Pb) collision systems. Nuclear Physics A, 2019, 982, 487-490.	0.6	7
115	Exploring the Phase Space of Jet Splittings at ALICE using Grooming and Recursive Techniques. Nuclear Physics A, 2019, 982, 587-590.	0.6	5
116	Non-strange and strange D-meson and charm-baryon production in heavy-ion collisions measured with ALICE at the LHC. Nuclear Physics A, 2019, 982, 667-670.	0.6	0
117	Elliptic flow of identified hadrons in small collisional systems measured with ALICE. Nuclear Physics A, 2019, 982, 451-454.	0.6	8
118	Balance functions of (un)identified hadrons in Pb-Pb, p-Pb, and pp collisions at the LHC. Nuclear Physics A, 2019, 982, 315-318.	0.6	5
119	$\phi(980)$ resonance production in pp collisions with the ALICE detector at the LHC. Nuclear Physics A, 2019, 982, 201-203.	0.6	1
120	Heavy-flavour hadron decay leptons in Pb-Pb and Xe-Xe collisions at the LHC with ALICE. Nuclear Physics A, 2019, 982, 651-654.	0.6	1
121	The evolution of the near-side peak in two-particle number and transverse momentum correlations in Pb-Pb collisions from ALICE. Nuclear Physics A, 2019, 982, 363-366.	0.6	0
122	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$ with the ALICE detector. Nuclear Physics A, 2019, 982, 383-386.	0.6	0
123	ALICE results on system-size dependence of charged-particle multiplicity density in p-Pb, Pb-Pb and Xe-Xe collisions. Nuclear Physics A, 2019, 982, 279-282.	0.6	4
124	Energy dependence of $\Lambda_c(1020)$ production at mid-rapidity in pp collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 180-182.	0.6	18
125	Testing the system size dependence of hydrodynamical expansion and thermal particle production with Λ_c , K, p, and Λ in Xe-Xe and Pb-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 427-430.	0.6	16
126	Dielectron measurements in pp and Pb-Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 779-782.	0.6	2

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127	Electroweak boson measurements in p-Pb and Pb-Pb collisions at sNN=5.02TeV with ALICE at the LHC. Nuclear Physics A, 2019, 982, 783-786.	0.6	0
128	Muon physics at forward rapidity with the ALICE detector upgrade. Nuclear Physics A, 2019, 982, 947-950.	0.6	1
129	Pion-kaon femtoscopy in Pb-Pb collisions at sNN=2.76TeV measured with ALICE. Nuclear Physics A, 2019, 982, 351-354.	0.6	0
130	Energy and system dependence of nuclear modification factors of inclusive charged particles and identified light hadrons measured in p-Pb, Xe-Xe and Pb-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 567-570.	0.6	5
131	Exploring jet profiles in Pb-Pb collisions at 5.02 TeV with the ALICE detector. Nuclear Physics A, 2019, 982, 639-642.	0.6	1
132	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Nuclear Physics A, 2019, 982, 195-197.	0.6	1
133	Measurements of the chiral magnetic effect in Pb-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 543-546.	0.6	4
134	Multiplicity dependence of strangeness and hadronic resonance production in pp and p-Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 467-470.	0.6	12
135	Open heavy-flavour production and elliptic flow in p-Pb collisions at the LHC with ALICE. Nuclear Physics A, 2019, 982, 691-694.	0.6	0
136	Addressing the hypertriton lifetime puzzle with ALICE at the LHC. Nuclear Physics A, 2019, 982, 815-818.	0.6	5
137	Investigating correlated fluctuations of conserved charges with net- \hat{b} fluctuations in Pb-Pb collisions at ALICE. Nuclear Physics A, 2019, 982, 299-302.	0.6	4
138	Quarkonium production in p-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 739-742.	0.6	1
139	Measurements of anisotropic flow and flow fluctuations in Xe-Xe and Pb-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 367-370.	0.6	2
140	Constraining production models with light (anti-)nuclei measurements in small systems with ALICE at the LHC. Nuclear Physics A, 2019, 982, 895-898.	0.6	1
141	Spin alignment measurements using vector mesons with ALICE detector at the LHC. Nuclear Physics A, 2019, 982, 515-518.	0.6	6
142	Study of the \hat{b} interaction with femtoscopy correlations in p-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2019, 797, 134822.	1.5	64
143	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.5	37
144	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11

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145	Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	4
146	Measurement of $\langle N \rangle$ and $\langle N^2 \rangle$ in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 89-101.	1.5	28
147	Higher moment fluctuations of identified particle distributions from ALICE. <i>Nuclear Physics A</i> , 2019, 982, 851-854.	0.6	7
148	\bar{p} suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 89-101.	1.5	28
149	Interactions using pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 420-432.	1.5	17
150	Analysis of the apparent nuclear modification in peripheral Pb-Pb collisions at 5.02 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 420-432.	1.5	17
151	Characterisation of different stages of hadronic showers using the CALICE Si-W ECAL physics prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 937, 41-52.	0.7	3
152	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 794, 50-63.	1.5	27
153	Design optimization of a pixel-based range telescope for proton computed tomography. <i>Physica Medica</i> , 2019, 63, 87-97.	0.4	18
154	Production of \bar{p} in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 89-101.	1.5	28
155	Measurement of $\langle N \rangle$, $\langle N^2 \rangle$, and $\langle N^3 \rangle$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	43
156	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s_{NN}} = 5.02$ TeV pA-Pb collisions. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	5
157	Energy dependence of exclusive J/ψ photoproduction off protons in ultra-peripheral pA-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	34
158	Real-time data processing in the ALICE High Level Trigger at the LHC. <i>Computer Physics Communications</i> , 2019, 242, 25-48.	3.0	14
159	Direct photon production at low transverse momentum in proton-proton collisions at $s = 2.76$ and 8 TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	19
160	Correlations studied via femtoscopy in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 793, 89-101.	1.1	64
161	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	20
162	Suppression of resonance production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2019, 99, .	1.1	20

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163	Multiplicity dependence of light-flavor hadron production in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2019, 99, 044907.	1.1	89
164	Relative particle yield fluctuations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	15
165	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	16
166	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2019, 122, 072301.	2.9	18
167	Study of J/ψ 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
168	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review D</i> , 2019, 99, 014011.	1.6	9
169	Measurement of prompt D0, D+, D*+, and D^0_S production in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	18
170	Measurement of charged jet cross section in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review D</i> , 2019, 99, 014011.	1.6	8
171	Two-particle differential transverse momentum and number density correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2019, 122, 072301.	1.1	10
172	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe+Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. <i>Physical Review Letters</i> , 2019, 122, 072301.	1.6	62
173	Direct photon elliptic flow in p+Pb and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2019, 122, 072301.	1.6	15
174	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, 505-516.	1.6	13
175	Elementary Particle and High-Energy Physics, 2019, 788, 505-516.	1.6	9
176	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	14
177	Measurement of the inclusive isolated photon production cross section in $\sqrt{s_{NN}} = 7$ TeV collisions at $\sqrt{s_{NN}} = 7$ TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	8
178	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, 99, 044907.	1.6	15
179	Production of ^4He and $^4\bar{\text{He}}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2019, 122, 072301.	1.1	71
180	Production of ^4He and $^4\bar{\text{He}}$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Nuclear Physics A</i> , 2018, 971, 1-20.	0.6	74

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182	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	1.5	16
183	First measurement of jet mass in Pb-Pb and pPb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	1.5	39
184	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	2.9	80
185	The ALICE Transition Radiation Detector: Construction, operation, and performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 881, 88-127.	0.7	17
186	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
187	The FoCal prototype—an extremely fine-grained electromagnetic calorimeter using CMOS pixel sensors. Journal of Instrumentation, 2018, 13, P01014-P01014.	0.5	19
188	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2018, 98, .	1.1	13
189	Measurement of D^0 , 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.	1.6	54
190	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
191	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.	1.6	97
192	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
193	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	55
194	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
195	Neutral pion and η meson production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	31
196	Inclusive J/ψ production in Xe-Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	1.4	11
197	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	3
198	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40

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200	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s}=8$ s. European Physical Journal C, 2018, 78, 1.	1.4	13
201	Constraints on jet quenching in p-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
202	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in 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
203	Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	16
204	Anisotropic flow in Xe-Xe collisions at $\sqrt{s_{\text{NN}}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.	1.5	17
205	π^0 and η meson production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	34
206	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	1.5	4
207	Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity p-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	1.5	5
208	Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	1.5	7
210	J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 458-470.	1.5	92
211	Production of bosons from heavy-flavor decays and high- p_T jets in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 458-470.	1.5	6
212	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	6.5	399
213	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s}=0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
214	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ TeV and p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2017, 77, 245.	1.4	23
215	Proton tracking in a high-granularity Digital Tracking Calorimeter for proton CT purposes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Instrumentation, 2017, 660, 1-10.	0.7	22
216	η -meson production at forward rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV and in pp collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 458-470.	1.5	8

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218	Measuring K^0_S production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	2.9	13
219	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, 014907.	1.1	10
220	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	2.9	13
221	Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	2.9	24
222	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	1.6	68
223	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	1.1	86
224	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
225	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 162302.	2.9	45
226	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.	1.6	50
227	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
228	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	2.9	8
229	Addendum to: Centrality dependence of high- p_T 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
230	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	2.9	12
231	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.	1.4	28
232	Energy dependence of forward-rapidity $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	1.4	50
233	Production of $\Sigma(1385)^{\pm}$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 389.	1.4	36
234	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	1.2	44

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236	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
237	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
238	Impact of residual contamination on inclusive and direct photon flow. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 025106.	1.4	1
239	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.	1.4	31
240	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
241	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	1.2	29
242	Production of mesons in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	1.1	47
243	LHC forward physics. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 110201.	1.4	99
244	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
245	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	1.5	82
246	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
247	Overlapped flow in p-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	34
248	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032.	1.9	18
249	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
250	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
251	Transverse momentum in p-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	93
252	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	1.4	36

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254	Measurement of an η Excess in the Yield of η Mesons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	77
255	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
256	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, .	1.1	129
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258	Multipion Bose-Einstein correlations in p and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	1.1	25
259	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
260	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
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263	Centrality dependence of η (2S) suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
264	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
265	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.	1.6	33
266	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
267	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
268	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
269	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.	1.6	19
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272	Exotic bound states in central Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	1.5	27
273	Direct photon production in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 389-401.	1.5	23
274	Multistrange baryon production in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	163
275	Production of Λ baryons in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 369-401.	1.5	111
276	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	1.4	39
277	Forward-central two-particle correlations in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	1.4	45
278	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	1.4	40
279	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.	1.6	88
280	Measurement of electrons from heavy-flavour hadron decays in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-94.	1.5	33
281	Coherent $\rho(770)$ photoproduction in ultra-peripheral Pb - Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-94.	1.5	38
282	Centrality dependence of particle production in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 81-94.	1.5	135
283	One-dimensional pion, kaon, and proton femtoscopy in Pb - Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2015, 92, .	1.5	46
284	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	1.6	35
285	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.	1.6	38
286	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.	1.6	30
287	Coherent $\rho(770)$ 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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289	Measurement of charged jet production cross sections and nuclear modification in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 60-61.	1.6	49
290	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
291	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
292	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
293	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.	1.6	28
294	Production of inclusive $J/\psi(1S)$ and $J/\psi(2S)$ in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 60-61.	1.6	60
295	Measurement of dijet production in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 105-106.	1.5	105
296	Measurement of dijet production in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 105-106.	1.5	19
297	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
298	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	100
299	Two-pion femtoscopy in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	1.1	39
300	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	1.4	125
301	Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	1.4	12
302	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
303	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
304	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	6.5	41
305	Multiplicity dependence of jet-like two-particle correlation structures in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	1.5	33
306	Upgrade of the ALICE Experiment. EPJ Web of Conferences, 2014, 71, 00106.	0.1	7

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307	Measurement of Prompt D -meson Production in Exclusive p -Pb Collisions at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	2.9	94
308	Photoproduction off Protons in Ultraperipheral Pb Collisions at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	2.9	100
309	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	0.5	486
310	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	1.4	153
311	Event-by-event mean p_T fluctuations in pp and Pb - Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	1.4	61
312	Transverse momentum dependence of inclusive primary charged-particle production in Pb collisions at $\sqrt{s_{NN}}=5.02$ -ext $\{TeV\}$ $s_{NN} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	58
313	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
314	Neutral pion production at midrapidity in pp and Pb - Pb collisions at $\sqrt{s_{NN}} = 2.76, \{TeV\}$ $s_{NN} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	72
315	Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV. Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	1.5	32
316	Suppression of $\Upsilon(2S)$ production in p - Pb collisions at midrapidity in Pb - Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	1.5	67
317	Freeze-out radii extracted from three-pion cumulants in pp , p - Pb and Pb - Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	1.5	45
318	Event-plane-dependent dihadron correlations with harmonic flow in $Au + Au$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, 054907.	1.1	21
319	Multiparticle azimuthal correlations in Pb and Pb - Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, 054907.	1.1	130
320	Azimuthal anisotropy of D -meson production in Pb - Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, 054907.	1.1	101
321	Two- and three-pion quantum statistics correlations in Pb - Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, 054907.	1.1	51
322	Measurement of charged jet suppression in Pb - Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	68
323	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.	1.6	44
324	Multiplicity dependence of pion, kaon, proton and lambda production in Pb - Pb collisions at the CERN Large Hadron Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 25-38.	1.5	307

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325	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s} = 0.9, 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	1.5	210
326	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	1.4	97
327	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s} = 0.9, 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	1.5	189
328	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.	1.4	89
329	Centralities dependence of J/ψ suppression in Pb-Pb collisions at $\sqrt{s} = 0.9, 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	1.5	171
330	Measurement of visible cross sections in proton-lead collisions at $\sqrt{s} = 5.02$ TeV in van der Meer scans with the ALICE detector. Journal of Instrumentation, 2014, 9, P11003-P11003.	0.5	40
331	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
332	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	1.4	31
333	Production of Λ baryons in Pb-Pb Collisions at $\sqrt{s} = 0.9, 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	2.9	270
334	Multiplicity dependence of the average transverse momentum in pp, pA 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
335	Centrality dependence of K^0_S production in Pb-Pb collisions at $\sqrt{s} = 0.9, 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 58-62.	1.5	235
336	Production of K^0_S and p in Pb-Pb collisions at $\sqrt{s} = 0.9, 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 58-62.	1.1	465
337	Multiplicity dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s} = 0.9, 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 58-62.	1.5	301
338	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	18
339	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
340	Charmonium and e^+e^- pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	1.4	203
341	Photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	1.5	171
342	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	1.5	51

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343	Long-range angular flow of charged hadrons, pions and (anti)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	1.5	156
344	Upgrade of the ALICE Experiment. Nuclear Physics A, 2013, 904-905, 929c-932c.	0.6	0
345	Long-range angular correlations on the near and away side 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.	1.5	561
346	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.	1.5	46
347	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, 722, 262-272.	1.5	154
348	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	1.5	68
349	Photon and \hat{I} production in p+Pb and p+C collisions at. Nuclear Physics A, 2013, 898, 14-23.	0.6	1
350	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, 054907.	1.1	267
351	Charged kaon femtosopic correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	155
352	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232301.	1.6	27
353	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	69
354	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232301.	2.9	151
355	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	2.9	58
356	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232301.	2.9	151
357	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232301.	2.9	171
358	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	0.5	189
360	ALICE Upgrades. EPJ Web of Conferences, 2013, 60, 10003.	0.1	0

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361	Energy and system size dependence of two- and four-particle correlations in heavy-ion collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	1.1	40
362	Polarization in Au-Au collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	2.9	99
363	Collisions in Au-Au collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	2.9	80
364	Cu collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	1.1	21
365	and Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	2.9	96
366	Suppression of Λ production at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	2.9	194
367	Anomalous centrality evolution for two-particle angular correlations from Au-Au collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	1.1	45
368	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	2.9	86
369	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 092301.	2.9	97
370	Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 072301.	2.9	91
371	heavy-flavor hadron decays in Au-Au collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 108, 072301.	1.6	57
372	Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	31
373	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	115
374	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	228
375	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	54
376	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 252301.	2.9	184
377	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9$ and 7 TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	32
378	Production of K_s^0 and \bar{K}^0 in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	111

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379	Neutrons and meson production in proton- \bar{p} collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 151-161.	1.5	23
380	Inclusive D^0 production in proton- \bar{p} collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	1.5	133
381	Inclusive D^0 production in proton- \bar{p} collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	1.5	88
382	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.1	20
383	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
384	Heavy flavour decay muon production at forward rapidity in proton- \bar{p} collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 265-275.	1.5	188
385	Light vector meson production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	1.5	45
386	Multistrange baryon production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	1.5	93
387	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
388	Femtoscopy of p - p collisions at $\sqrt{s} = 2.76$ TeV. High Energy Physics, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 24.	1.6	93
389	High energy electron production in p - p collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	1.6	45
390	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	0.3	6
391	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	18.7	154
392	Rapidity and transverse momentum dependence of inclusive D^0 production in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 467-473.	1.5	115
393	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.	1.5	29
394	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.	1.5	29

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397	Strange particle production in proton-proton collisions at $\sqrt{s}=0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	140
398	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	209
399	Measurement of the pseudorapidity dependence of charged-particle production in pp collisions at $\sqrt{s}=0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	0.9	0
400	Suppression of charged-particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 71, 1.	1.5	433
401	Event-by-event charged-particle neutral fluctuations in $\sqrt{s}=2.76$ TeV Pb-Pb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 71, 1.	1.5	235
402	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions, at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 71, 1.	1.5	17
403	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	2.9	507
404	Strange and multistrange particle production in Au+Au collisions at $\sqrt{s}=62.4$ GeV. Physical Review C, 2011, 83, 054907.	1.1	60
405	Production in Polarized Proton-Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2011, 107, 032301.	2.9	482
406	Pion femtoscopy in $\sqrt{s}=0.9$ TeV pp collisions. Physical Review C, 2011, 83, 054907.	1.1	86
407	Production of Λ and $\bar{\Lambda}$ baryons in Au+Au collisions at $\sqrt{s}=62.4$ GeV. Physical Review C, 2011, 83, 054907.	2.9	46
408	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, 054907.	1.1	37
409	Experimental studies of di-jet survival and surface emission bias in Au+Au collisions via angular correlations with respect to back-to-back leading hadrons. Physical Review C, 2011, 83, 054907.	1.1	28
410	ALICE detector upgrades. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124128.	1.4	3
412	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	0.5	171
413	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. European Physical Journal C, 2010, 65, 111-125.	1.4	124
414	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	1.4	199

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415	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	1.4	212
416	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. Nuclear Physics A, 2010, 832, 134-147.	0.6	12
417	System size dependence of associated yields in hadron-triggered jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	1.5	15
418	Longitudinal scaling property of the charge-balance function in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions at LHC. Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	1.5	20
419	Transverse momentum spectra of charged particles in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions at LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 53-68.	1.1	200
420	Observation of $\sqrt{s}=7\text{ TeV}$ proton-proton collisions at LHC. Physical Review C, 2010, 81, .	2.9	296
421	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s}=2.76\text{ TeV}$. Physical Review Letters, 2010, 105, 252301.	1.1	53
422	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, .	1.1	45
423	Balance functions from $\sqrt{s}=7\text{ TeV}$ proton-proton collisions at LHC. Physical Review C, 2010, 81, .	1.1	17
424	Midrapidity Antiproton-to-Proton Ratio in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions at LHC. Physical Review C, 2010, 81, .	2.9	67
425	Collisions at $\sqrt{s}=7\text{ TeV}$. Physical Review Letters, 2010, 105, 072002.	2.9	68
426	Charged-particle multiplicity distributions in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions at LHC. Physical Review Letters, 2010, 105, 202301.	1.1	263
427	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, .	2.9	80
428	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	2.9	278
429	Higher Moments of Net Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2010, 105, 022302.	1.1	61
430	Azimuthal di-hadron correlations in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions at LHC. Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	1.1	55
431	Charged and strange hadron elliptic flow in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions at LHC. Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	1.1	55
432	Charged and strange hadron elliptic flow in $\sqrt{s}=7\text{ TeV}$ proton-proton collisions at LHC. Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	1.1	55

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434	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	6.0	249
435	Observation of a Centrality-Dependent Dijet Asymmetry in Lead-Lead Collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 252303.	2.9	581
436	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	2.9	659
437	Production of Λ and $\bar{\Lambda}$ baryons in Au+Au collisions at high transverse momentum in $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	1.1	32
438	Two-pion Bose-Einstein correlations in $\sqrt{s_{NN}}=2.76$ TeV Au+Au collisions at high transverse momenta. Physical Review D, 2010, 82, .	1.6	61
439	Production of Λ and $\bar{\Lambda}$ baryons in Au+Au collisions at high transverse momenta in $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	1.1	81
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615	Comment on Search for direct photons from S-Au collisions at 200 GeV/nucleon by the CERES Collaboration. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 587-591.	1.5	0
616	Event by event measurement of $\langle \hat{p}_T \rangle$ of photons in S + Au collisions at 200 A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 207-212.	1.5	5
617	Azimuthal correlations in the target fragmentation region of high energy nuclear collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 381, 29-34.	1.5	13
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619	Photon and neutral meson production in 158 A GeV 208Pb+Pb collisions. Nuclear Physics A, 1996, 610, 200-212.	0.6	24
620	Limits on the Production of Direct Photons in 200 A GeV S+Au Collisions. Physical Review Letters, 1996, 76, 3506-3509.	2.9	96
621	A new VME-based high voltage power supply for large photomultiplier systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 593-597.	0.7	11
622	Bose-Einstein correlations of soft pions in ultrarelativistic nucleus-nucleus collisions. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 67-76.	1.5	8
623	Bose-einstein correlations of soft pions in ultrarelativistic nucleus-nucleus collisions. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 67-76.	1.5	1
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627	Single photon and neutral meson data from WA80. Nuclear Physics A, 1994, 566, 61-68.	0.6	50
628	Comparison of $\hat{\rho}$ and $\hat{\rho}$ spectra from S + Au collisions at 200. Nuclear Physics A, 1994, 566, 355-358.	0.6	9
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630	Effective source sizes of low rapidity soft particle emission. Nuclear Physics A, 1994, 566, 519-522.	0.6	3

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633	Photon and neutral meson data from the collision of 200 A $\hat{\cdot}$ GeV sulphur ions with gold targets. Progress in Particle and Nuclear Physics, 1993, 30, 353-362.	5.6	0
634	Production of slow singly charged fragments in 200 GeV/c hadron nucleus interactions. Zeitschrift F $\hat{\cdot}$ Physik C-Particles and Fields, 1993, 57, 37-42.	1.5	86
635	The correlation strength in pion interferometry. Zeitschrift F $\hat{\cdot}$ Physik C-Particles and Fields, 1993, 59, 127-131.	1.5	6
636	On the measurement of correlations of neutral pions in a high multiplicity environment. Zeitschrift F $\hat{\cdot}$ Physik C-Particles and Fields, 1992, 54, 559-564.	1.5	1
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642	Multiplicity and pseudorapidity distributions of charged particles from ^{32}S induced heavy ion interactions at 200A GeV. Zeitschrift F $\hat{\cdot}$ Physik C-Particles and Fields, 1992, 55, 539-548.	1.5	84
643	The correlation strength in pion interferometry. Zeitschrift F $\hat{\cdot}$ Physik C-Particles and Fields, 1992, 55, 485-489.	1.5	7
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646	Search for direct photons in heavy-ion collisions. Nuclear Physics A, 1991, 525, 305-309.	0.6	0
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648	Upper limit for thermal direct photon production in heavy-ion collisions at 60 and 200A $\hat{\cdot}$ GeV. Zeitschrift F $\hat{\cdot}$ Physik C-Particles and Fields, 1991, 51, 1-10.	1.5	28

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650	Global and Collective Phenomena Observed in Nuclear Collisions at Ultrarelativistic Energies. <i>Physica Scripta</i> , 1990, T32, 118-121.	1.2	0
651	Transverse energy production in the target fragmentation region in ^{16}O -nucleus reactions at 60 and 200 A GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990, 45, 529-537.	1.5	17
652	Transverse momentum distributions of neutral pions from central and peripheral $^{16}\text{O}+\text{Au}$ collisions at 200 A GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1990, 47, 367-375.	1.5	20
653	Design and performance of the saphir lead-glass calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1990, 292, 81-96.	0.7	29
654	Nucleus-nucleus collisions at 60 to 200 GeV/nucleon: Results from the WA80 experiment at CERN. <i>Nuclear Physics A</i> , 1990, 519, 449-462.	0.6	1
655	Global and local fluctuations in multiplicity and transverse energy for central ultra-relativistic heavy-ion interactions. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1989, 45, 31-37.	1.5	17
656	Fluctuations and intermittency in reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 221, 427-431.	1.5	39
657	Results from WA80 on transverse energy production, fluctuations in multiparticle production, and $\langle n \rangle / \langle E \rangle$ ratios. <i>Nuclear Physics A</i> , 1989, 498, 53-66.	0.6	10
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659	Correlations of neutral pions in ultrarelativistic heavy ion collisions. <i>Nuclear Physics A</i> , 1989, 498, 397-402.	0.6	3
660	Oxygen-induced reactions at 60 A GeV and 200 A GeV studied by calorimetry. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1988, 38, 3-14.	1.5	22
661	Charged particle spectra in ^{16}O induced nuclear collisions at the CERN SPS. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1988, 38, 51-57.	1.5	13
662	Neutral transverse momentum spectra in 60 and 200 A GeV ^{16}O -nucleus and proton+nucleus reactions. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1988, 38, 97-103.	1.5	10
663	Target fragmentation in proton-nucleus and ^{16}O -nucleus reactions at 60 and 200 GeV/nucleon. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1988, 38, 109-115.	1.5	18
664	Photon and neutral pion distributions in. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 201, 390-396.	1.5	36
665	Charged-particle distributions in ^{16}O induced nuclear reactions at 60 and 200 A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 202, 596-602.	1.5	46
666	Forward and transverse energy distributions in oxygen-induced reactions at 60 A GeV and 200 A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 199, 297-303.	1.5	73

#	ARTICLE	IF	CITATIONS
667	Underlying Event measurements in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the ALICE experiment at the LHC. , 0, .		1