

Jun Takahashi

List of Publications by Year in descending order

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568
papers

46,776
citations

952

115
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2629

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579
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579
docs citations

579
times ranked

9947
citing authors

#	ARTICLE	IF	CITATIONS
1	Prompt D0, D+, and D*+ production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
2	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
3	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.	3.9	6
4	Momentum-dependent flow fluctuations as a hydrodynamic response to initial geometry. Nuclear Physics A, 2021, 1005, 121982.	1.5	0
5	Centrality dependence of J/ψ and $\Upsilon(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
6	Transverse-momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136030.	4.1	22
7	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 2.76$ and $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136030.	4.1	8
8	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 2.76$ and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
9	Measurements of dihadron correlations relative to the event plane in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ GeV*. Chinese Physics C, 2021, 45, 044002.	3.7	5
10	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review Letters, 2021, 126, 162001.	7.8	10
11	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.	4.1	11
12	Measurement of χ femtoscopy in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review C, 2021, 103, .	2.9	8
13	Prehydrodynamic evolution and its signatures in final-state heavy-ion observables. Physical Review C, 2021, 103, .	2.9	17
14	First measurement of the $ t $ -dependence of coherent J/ψ photonuclear production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136280.	4.1	21
15	Vortex rings from high energy central p-Pb collisions. Physical Review C, 2021, 104, .	2.9	17
16	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13.6$ TeV. Physical Review Letters, 2021, 127, 042302.	7.8	3
17	Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136146.	4.1	15
18	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12

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19	$\hat{\rho}$ polarization from thermalized jet energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136500.	4.1	13
20	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. European Physical Journal C, 2021, 81, 1.	3.9	12
21	Coherent ψ and ψ' photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
22	Jet-associated deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136440.	4.1	6
23	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Inclusive heavy-flavour production at central and forward rapidity in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	7.8	9
24	Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136437.	4.1	4
25	Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
26	K_S^0 and (anti-) Λ hadron correlations in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1
27	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
28	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
29	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
30	Multiplicity dependence of light (anti-)nuclei production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	4.1	27
31	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
32	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
33	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.	4.1	22
34	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.	4.1	37
35	Global baryon number conservation encoded in net-proton fluctuations measured in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564.	4.1	35
36	Multiplicity dependence of π, K, p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38

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37	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, .	2.9	4
38	Azimuthal correlations of prompt D mesons with charged particles in pp and Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
39	Measurement of nuclear effects on $\bar{\psi}(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
40	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s_{NN}} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135758.	4.1	26
41	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 102, .	2.9	4
42	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
43	Unveiling the strong interaction among hadrons at the LHC. Nature, 2020, 588, 232-238.	27.8	85
44	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.	4.7	14
45	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
46	$K^*(892)^0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review C, 2020, 102, .	2.9	15
47	Measurement of isolated photon-hadron correlations in $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions. Physical Review C, 2020, 102, .	2.9	3
48	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
49	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.1	7
50	Measurement of the (anti)3He elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	4.1	6
51	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	18
52	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
53	Measurement of the (anti)3He elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	4.1	11

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55	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
56	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
57	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. Physical Review Letters, 2020, 125, 022301.	7.8	49
58	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
59	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
60	Exploration of jet substructure using iterative declustering in pp and Pb-Pb collisions at LHC energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135227.	4.1	20
61	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
62	Measurements of inclusive jet spectra in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2020, 125, 022301.	2.9	29
63	Production of charged pions, kaons, and (anti)protons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2020, 80, 1.	2.9	110
64	Global polarization of Λ and Σ hyperons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2020, 125, 022301.	2.9	55
65	Production of (anti)-He3 and (anti)-H3 in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2020, 101, 014907.	2.9	16
66	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K_S^0 . Physical Review Letters, 2020, 125, 022301.	2.9	7
67	Measuring momentum-dependent flow fluctuations in heavy-ion collisions. Physical Review C, 2020, 101, 014907.	2.9	7
68	Measurement of strange baryon-antibaryon interactions with femtoscopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
69	Investigation of the ρ^0 interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
70	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	49
71	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
72	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15

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73	Z-boson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
74	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
75	Production of Ω mesons in pp collisions at $\sqrt{s}=7, \text{ext}\{TeV\}$. European Physical Journal C, 2020, 80, 1.	3.9	4
76	Probing the structure of the initial state of heavy-ion collisions with p - T -dependent flow fluctuations. Physical Review C, 2020, 102, .	4.1	7
77	Charged-particle pseudorapidity density at mid-rapidity in $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particles and High Energy Physics, 2019, 796, 204-219.	4.1	7
78	Charged-particle pseudorapidity density at mid-rapidity in $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
79	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
80	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
81	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.	4.7	9
82	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.	1.5	0
83	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.	1.5	12
84	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particles and High Energy Physics, 2019, 794, 50-63.	4.1	37
85	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.	4.7	11
86	Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	4
87	Measuring K^0_S production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particles and High Energy Physics, 2019, 794, 50-63.	4.1	28
88	Measurement of K^0_S production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particles and High Energy Physics, 2019, 794, 50-63.	4.1	28
89	Measurement of K^0_S production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particles and High Energy Physics, 2019, 794, 50-63.	4.1	27
90	Measurement of D^0 , D^+ , D^{*+} and D^+_{s1} production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43

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91	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{NN}}=5.02$ TeV Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
92	Energy dependence of exclusive ψ photoproduction off protons in ultra-peripheral Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
93	Testing a Best-Fit Hydrodynamical Model Using PCA. Proceedings (mdpi), 2019, 10, 5.	0.2	3
94	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	7.5	14
95	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and 8 TeV. Physical Review C, 2019, 99, .	2.9	19
96	Suppression of ψ production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	64
97	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	14
98	Multiplicity dependence of heavy-flavor hadron production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	20
99	Suppression of ψ production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. Physical Review C, 2019, 99, .	2.9	89
100	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
101	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
102	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review Letters, 2019, 122, 072301.	7.8	18
103	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
104	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2019, 99, .	4.7	9
105	Measurement of prompt D^0 , D^+ , D^{*+} , and $D^+_{S^*}$ production in Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
106	Measurement of charged jet cross section in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2019, 99, .	4.7	8
107	Measurement of charged jet cross section in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 308-322.	4.1	62
108	Direct photon elliptic flow 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, 789, 308-322.	4.1	62

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109	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-neutron collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.7	14
110	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	97
111	Measurement of the inclusive isolated photon production cross section in $\sqrt{s}=7$ TeV collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
112	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2018, 97, .	4.7	5
113	Resonance suppression from color reconnection. Physical Review D, 2018, 97, .	4.7	5
114	Production of deuterons, tritons, ^3He and ^4He nuclei, and their antinuclei in $\sqrt{s}=2.76$ TeV collisions. Physical Review C, 2018, 97, .	2.9	71
115	Production of ^4He and ^3He nuclei in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2018, 97, .	1.5	74
116	Production of ^4He and ^3He nuclei in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2018, 97, 1-20.	4.1	39
117	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.1	39
118	First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	4.1	39
119	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2018, 120, 102301.	7.8	80
120	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.	1.6	17
121	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
122	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
123	Measurement of D^0 , D^+ , D^{*+} and D^+_s production in Pb-Pb collisions at $\sqrt{s}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
124	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
125	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. Journal of High Energy Physics, 2018, 2018, 1.	4.7	97

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127	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
128	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
129	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.	4.7	8
130	Neutral pion and η meson production in p-Pb collisions at $\sqrt{s_{NN}}$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	31
131	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.	4.1	4
132	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	3
133	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
134	Λ_c production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
135	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.	3.9	13
136	Constraints on jet quenching in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ 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.	4.1	28
137	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 320-331.	4.1	1
138	Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
139	Anisotropic flow in Xe+Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.	4.1	4
140	π^0 and η meson production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	34
141	First measurement of Λ_c production at large rapidities in p-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 8.16 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4
142	Z^0 production in pp collisions at $\sqrt{s}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	24
143	Measurement of Z^0 -boson production at large rapidities in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ and 8.16 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	4.1	24
144	Measurement of Z^0 -boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	4.1	7

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163	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.	4.7	6
164	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
165	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	3.9	28
166	Energy dependence of forward-rapidity $\psi(2S) / \psi(1S)$ and $\psi(2S) / \psi(1S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
167	Production of $\Sigma(1385)^{\pm}$ ($\Lambda(1385)^{\pm}$). European Physical Journal C, 2017, 77, 389.	3.9	36
168	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
169	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, ...	2.9	21
170	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.	3.9	32
171	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
172	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	31
173	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
174	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
175	Production of D-meson in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	2.9	47
176	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.	4.1	20
177	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
178	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 753, 41-56.	4.1	23
179	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.	5.4	18

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182	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.	4.1	30
183	Momentum in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2016, 94, .	4.1	93
184	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	3.9	36
185	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Measurement of an Excess in the Yield of η Mesons at Very Low Centrality in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Centrality Dependence of the Nuclear Modification Factor of Charged Pions and Protons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	7.8	77
186	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
187	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, .	2.9	27
188	Multipion Bose-Einstein correlations in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	25
189	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	7.8	148
190	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.	7.8	182
191	Beam-energy dependence of charge balance functions from Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	2.9	21
192	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.	7.8	138
193	Centrality dependence of $\langle \tilde{v}_2 \rangle$ suppression in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
194	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
195	Differential studies of inclusive J/ψ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33

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200	Centrality dependence of charged jet production in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
201	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.	4.7	10
202	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.	4.7	19
203	Production of $K^*_{S^*}$ and ϕ in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
204	Search for weakly decaying Λ_c^+ in Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	27
205	Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	4.1	23
206	Production of Λ_c^+ in Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	4.1	163
207	Production of Λ_c^+ 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.	4.1	111
208	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
209	Forward-central two-particle correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	4.1	45
210	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	4.1	40
211	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88
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213	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	4.1	38
214	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	2.9	135
215	Energy dependence of K^0_S , p^0 , and K^0_L fluctuations in Au+Au collisions from $\sqrt{s_{NN}} = 7.7$ to 200 GeV. Physical Review C, 2015, 92, .	2.9	17
216	Beam-energy-dependent two-pion interferometry and the freeze-out eccentricity of pions measured in heavy ion collisions at the STAR detector. Physical Review C, 2015, 92, .	2.9	65

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218	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	35
219	Precision Measurement of the Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2015, 115, 092002.	7.8	70
220	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
221	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
222	Coherent ρ^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
223	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
224	Measurement of charged jet production cross sections and nuclear modification in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	49
225	Forward-backward multiplicity correlations in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
226	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
227	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	50
228	Long-range pseudorapidity dihadron correlations in d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 265-271.	4.1	68
229	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
230	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	32
231	Isolation of flow and nonflow correlations by two- and four-particle cumulant measurements of high-energy azimuthal harmonics in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	60
232	Measurement of dijet cross sections and nuclear modification in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	11
233	Measurement of dijet cross sections and nuclear modification in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	105
234	Measurement of dijet cross sections and nuclear modification in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	19

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236	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
237	Measurement of the nuclear modification factor R_{pA} for Λ baryons in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, .	2.9	100
238	Two-pion femtoscopy in $\sqrt{s} = 2.76$ TeV Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	39
239	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
240	Inclusive photon production at forward rapidities in proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	3.9	12
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242	Effect of event selection on jetlike correlation measurement in d+Au collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 333-339.	7.8	24
243	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
244	Measurement of pion, kaon and proton production in proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
245	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	16.7	41
246	Multiplicity dependence of jet-like two-particle correlation structures in Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 333-339.	7.8	33
247	Meson Production in $\sqrt{s} = 2.76$ TeV Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 333-339.	7.8	94
248	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, 91, .	7.8	100
249	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
250	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	3.6	153
251	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61
252	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.	3.9	58

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253	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
254	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
255	Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 90, .	2.9	130
256	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.	3.2	32
257	Beauty production in pp collisions at rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 113, 052302.	4.1	67
258	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.	4.1	45
259	Longitudinal polarization in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Modifications in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at mid-rapidity. Physical Review Letters, 2014, 113, 052302.	4.1	10
260	Longitudinal polarization in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Modifications in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at mid-rapidity. Physical Review Letters, 2014, 113, 052302.	2.9	54
261	Nuclear Modifications in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at mid-rapidity. Event-plane dependent dihadron correlations with harmonic anisotropy. Physical Review Letters, 2014, 113, 052302.	7.8	179
262	Event-plane dependent dihadron correlations with harmonic anisotropy in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 113, 052302.	2.9	21
263	Beam-Energy Dependence of Charge Separation along the Magnetic Field in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	7.8	147
264	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	7.8	365
265	Multiparticle azimuthal correlations in p-Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
266	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	2.9	73
267	Beam-Energy Dependence of the Directed Flow of Protons, Antiprotons, and Pions in Au+Au Collisions. Physical Review Letters, 2014, 112, 162301.	7.8	186
268	Beam Energy Dependence of Moments of the Net-Charge Multiplicity Distributions in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 092301.	7.8	245
269	Azimuthal anisotropy of meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 90, .	2.9	101
270	Jet-Hadron Correlations in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 112, 122301.	7.8	48

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272	Charge-dependent anisotropic flow studies and the search for the Chiral Magnetic Wave in ALICE. Nuclear Physics A, 2014, 931, 981-985.	1.5	15
273	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the CERN Large Hadron Collider. Physical Review C, 2014, 89.	2.9	51
274	Dielectron Mass Spectra from Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Collision at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 113, 022301.	7.8	52
275	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
276	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44
277	Multiplicity dependence of pion, kaon, proton and lambda production in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Multi-strange baryon production at mid-rapidity in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.1	307
278	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.1	210
279	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
280	Measurement of Longitudinal Spin Asymmetries for Weak Boson Production in Polarized Proton-Proton Collisions at RHIC. Physical Review Letters, 2014, 113, 072301.	7.8	62
281	VHMPID RICH prototype using pressurized C4F8O radiator gas and VUV photon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Supporting Equipment, 2014, 671, 1-6.	1.6	5
282	Suppression of p production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. and Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	4.1	87
283	Suppression of p production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. and Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	4.1	189
284	Measurement of quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
285	A very high momentum particle identification detector. European Physical Journal Plus, 2014, 129, 1.	2.6	6
286	Centrality, rapidity and transverse momentum dependence of J/ψ suppression in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector. Journal of Instrumentation, 2014, 9, P11003-P11003.	4.1	171
287	Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector. Journal of Instrumentation, 2014, 9, P11003-P11003.	1.2	40
288	Effects of Jets in the Flow Observables. Journal of Physics: Conference Series, 2014, 509, 012031.	0.4	1

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290	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	31
291	Production of Λ 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, 727, 371-380.	7.8	270
292	Multiplicity dependence of the average transverse momentum in pp, pA and Pb-Pb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 727, 371-380.	4.1	130
293	Centrality dependence of charged-particle production at large transverse momentum 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, 726, 610-622.	4.1	235
294	Production of K and p 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, 726, 610-622.	2.9	465
295	Centrality dependence of charged-particle production at large transverse momentum 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, 726, 610-622.	4.1	301
296	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	18
297	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. <i>European Physical Journal C</i> , 2013, 73, 2662.	3.9	101
298	Charmonium and $e + e^{-}$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2617.	3.9	203
299	Photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 610-622.	4.1	171
300	Single spin asymmetry in polarized proton-proton elastic scattering at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 610-622.	4.1	41
301	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 610-622.	4.1	51
302	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum 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, 726, 610-622.	4.1	156
303	Production of Λ and $\bar{\Lambda}$ at high transverse momentum 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, 726, 610-622.	4.1	80
304	Long-range angular correlations on the near and away side in pA-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 610-622.	4.1	561
305	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, 726, 610-622.	4.1	46
306	Centrality dependence of the pseudorapidity distribution for charged particles 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, 726, 610-622.	4.1	154

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308	Pseudorapidity Density of Charged Particles in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 88, .	7.8	155
309	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 88, .	4.7	27
310	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 88, .	7.8	69
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312	Observation of an Energy-Dependent Difference in Elliptic Flow between Particles and Antiparticles in Relativistic Heavy Ion Collisions. Physical Review Letters, 2013, 110, 142301.	7.8	89
313	Experimental studies of di-jets in Au+Au collisions using angular correlations with respect to back-to-back leading hadrons. Physical Review C, 2013, 87, .	2.9	4
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316	Third harmonic flow of charged particles in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 88, .	2.9	106
317	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 88, .	2.9	106
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320	Freeze-out dynamics via charged kaon femtoscopy in central Au+Au collisions. Physical Review C, 2013, 88, .	2.9	15
321	System-size dependence of transverse momentum correlations at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 88, .	2.9	9
322	Measurement of $\langle \cos(\phi - \psi) \rangle$ in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 88, .	7.8	38
323	Directed flow of mesons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	171
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327	Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092303.	4.7	70
328	Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092304.	4.7	66
329	Displacement spectrum at mid-rapidity in Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092305.	2.9	25
330	Inclusive charged hadron elliptic flow in Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092306.	2.9	127
331	Directed and elliptic flow of charged particles in Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092307.	7.8	80
332	Directed and elliptic flow of charged particles in Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092308.	2.9	21
333	Au collisions and Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092309.	7.8	96
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335	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092311.	2.9	45
336	Directed Flow of Identified Particles in Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092312.	7.8	34
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339	Effects of initial state fluctuations in the final state elliptic flow measurements using the NeXSPheRIO model. Physical Review C, 2012, 85, .	2.9	18
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342	Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092315.	7.8	91
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344	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.	4.7	31
345	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
346	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.	4.7	228
347	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
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349	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	4.7	184
350	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
351	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
352	Correlations in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Physics Letters, 2012, 717, 151-161.	4.1	28
353	and $K^*(892)^0$ production in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Journal of High Energy Physics, 2012, 717, 162-172.	4.1	133
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363	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	139
365	Production of nonphotonic electron in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011, 704, 467-473.	4.7	45
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371	Multi-flux tube initial condition and event-by-event hydrodynamics. <i>Nuclear Physics A</i> , 2011, 862-863, 188-191.	1.5	6
372	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2011, 107, 032301.	4.1	433
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375	Longitudinal dependence of two-particle momentum correlations from the hydrodynamic flow model NEXSPHERIO. <i>Physical Review C</i> , 2011, 84, .	2.9	8
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377	Strange and multistrange particle production in Au+Au collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2011, 107, 032301.	2.9	86
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385	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s}=7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
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395	Measurement of the Bottom Quark Contribution to Nonphotonic Electron Production in Au+Au collisions at $\sqrt{s}=2.36$ TeV. Physical Review C, 2010, 81, 044907.	2.9	17
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401	Azimuthal di-hadron correlations in Cu collisions at $\sqrt{s_{NN}} = 2.76$ GeV. <i>Physical Review Letters</i> , 2010, 105, 022302.	2.9	55
402	$\sqrt{s_{NN}}$ cross section in p collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review D</i> , 2010, 82, .	4.7	20
403	A non-extensive equilibrium analysis of $\sqrt{s_{NN}}$ spectra at RHIC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010, 37, 094042.	3.6	18
404	Observation of an Antimatter Hypernucleus. <i>Science</i> , 2010, 328, 58-62.	12.6	249
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406	Como trabalhar nos grandes experimentos da Física de Altas Energias. <i>Physicae</i> , 2010, 9, .	0.0	0
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409	Topology Studies of Hydrodynamics Using Two-Particle Correlation Analysis. <i>Physical Review Letters</i> , 2009, 103, 242301.	7.8	178
410	Neutral pion production in Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. <i>Physical Review Letters</i> , 2009, 103, 242301.	2.9	25
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413	Pion interferometry in $Au+Au$ and $Cu+Cu$ collisions at $\sqrt{s_{NN}} = 62.4$ and 200 GeV. <i>Physical Review C</i> , 2009, 80, .	2.9	49
414	Beam-energy and system-size dependence of dynamical net charge fluctuations. <i>Physical Review C</i> , 2009, 79, .	2.9	44

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417	<p>Test of chemical freeze-out at the RHIC. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 064074.</p>	7.8	79
418	<p>Energy and system size dependence of Λ-meson production in Au+Au collisions compared to Cu+Cu collisions. Physical Review D, 2009, 80, .</p>	3.6	5
419	<p>Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2009, 80, .</p>	4.1	71
420	<p>Measurements of hyperons in polarized proton-proton collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2009, 80, .</p>	4.7	37
421	<p>Measurements of Λ-meson production in relativistic heavy-ion collisions at the BNL Relativistic Heavy Ion Collider (RHIC). Physical Review C, 2009, 79, .</p>	4.7	17
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424	<p>Upper limit on the cosmic-ray photon flux above 1019eV using the surface detector of the Pierre Auger Observatory. Astroparticle Physics, 2008, 29, 243-256.</p>	4.3	161
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426	<p>System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.</p>	7.8	102
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430	<p>Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions compared to Cu+Cu collisions. Physical Review C, 2009, 80, .</p>	2.9	225
431	<p>Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions compared to Cu+Cu collisions. Physical Review C, 2009, 80, .</p>	2.9	225

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440	Rapidity and species dependence of particle production at large transverse momentum for $\sqrt{s} = 200$ GeV Au+Au collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2007, 98, 062301.	7.8	175
441	Measurement of Transverse Single-Spin Asymmetries for Dijet Production in Proton-Proton Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2007, 99, 142003.	7.8	41
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445	The energy dependence of ptangular correlations inferred from mean-ptfluctuation scale dependence in heavy ion collisions at the SPS and RHIC. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 451-465.	2.9	4
446	Two-particle correlations on transverse momentum and momentum dissipation in Au+Au collisions at $\sqrt{s} = 130$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 799-816.	2.9	44
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448	Strange particle production in p+pcollisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2007, 75, .	3.6	33
449	Strange particle production in p+pcollisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2007, 75, .	3.6	14
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455	Energy dependence of $\langle \sin(\phi_1) \rangle$ and $\langle \sin(2\phi_1) \rangle$ in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2007, 98, 192301.	4.1	161
456	Hadronization geometry from net-charge angular correlations on momentum subspace $\langle \sin(\phi_1) \rangle$ and $\langle \sin(2\phi_1) \rangle$ in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2007, 98, 192301.	4.1	31
457	Hadronization geometry from net-charge angular correlations on momentum subspace $\langle \sin(\phi_1) \rangle$ and $\langle \sin(2\phi_1) \rangle$ in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2007, 98, 192301.	4.1	228
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459	Multiplicity dependence of inclusive pT spectra from p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review D</i> , 2006, 74, .	4.7	60
460	Minijet deformation and charge-independent angular correlations on momentum subspace $(\hat{r}, \hat{\phi})$ in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review C</i> , 2006, 73, .	2.9	166
461	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2006, 97, 162301.	7.8	179
462	Multiplicity and pseudorapidity distributions of charged particles and photons at forward pseudorapidity in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. <i>Physical Review C</i> , 2006, 73, .	2.9	40
463	Strange Baryon Resonance Production in $\sqrt{s_{NN}}=200$ GeV p+Au and Au+Au Collisions. <i>Physical Review Letters</i> , 2006, 97, 132301.	7.8	108
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