

Lucas Altenkämpfer

List of Publications by Year in descending order

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Version: 2024-02-01

163
papers

3,728
citations

109321

35
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197818

49
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all docs

163
docs citations

163
times ranked

4947
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
2	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. Physical Review D, 2022, 105, .	4.7	24
3	Nuclear modification factor of light neutral-meson spectra up to high transverse momentum in pPb collisions at $\sqrt{s} = 8.16$ TeV. Physical Review Letters, 2022, 128, 102001.	7.8	18
4	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 Plus, 2022, 13, 137060.	4.1	15
5	Measurement of prompt D^0 and D^+ meson production and azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	7.8	11
6	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.	4.7	9
7	Investigating the role of strangeness in baryon-antibaryon annihilation at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137060.	4.1	13
8	Measurement of prompt D^0 and D^+ meson production and azimuthal anisotropy in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.1	18
9	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 Plus, 2022, 13, 137060.	3.9	6
10	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	7.8	15
11	Measurements of the groomed and ungroomed jet angularities in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	8
12	Hypertriton Production in $\sqrt{s_{NN}} = 5.02$ and 13 TeV Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ and 13 TeV. Physical Review Letters, 2022, 128, .	7.8	9
13	Exploring the $N\bar{N}$ coupled system with high precision correlation techniques at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137272.	4.1	19
14	Centrality dependence of J/ψ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
15	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	4.1	22
16	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
17	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 126, 162001.	7.8	10
18	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

#	ARTICLE	IF	CITATIONS
19	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.	4.7	5
20	femtoscopy in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physical Review C, 2021, 103, .	2.9	8
21	Measurement of beauty and charm production in pp collisions at $\sqrt{s} = 5.02$ TeV via non-prompt and prompt D mesons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
22	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2021, 127, 042302.	7.8	3
23	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
24	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
25	Coherent ψ and ψ' photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
26	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
27	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s} = 5.02$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136437.	7.8	9
28	Inclusive heavy-flavour production at central and forward rapidity in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136437.	4.1	4
29	Energy dependence of ϕ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	4.1	14
30	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
31	Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
32	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
33	First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
34	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
35	Measurement of the production cross section of prompt χ_c^0 baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
36	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.	4.1	8

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37	Experimental Evidence for an Attractive $\bar{c}c$ Interaction. Physical Review Letters, 2019, 123, 022001. $\sqrt{s} = 2.76 \text{ TeV}$	7.8	30
38	Production and Baryon-to-Meson Ratios in $\sqrt{s} = 2.76 \text{ TeV}$ Pb-Pb collisions. European Physical Journal C, 2021, 81, 1. $\frac{dN}{d\eta} \approx 1000$	7.8	29
39	Production in $\sqrt{s} = 2.76 \text{ TeV}$ Pb-Pb collisions and in $\sqrt{s} = 8.16 \text{ TeV}$ p-Pb collisions. Journal of High Energy Physics, 2020, 2020, 1. $\sqrt{s} = 2.76 \text{ TeV}$	2.9	23
40	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s} = 2.76 \text{ TeV}$. European Physical Journal C, 2021, 81, 1. $\sqrt{s} = 2.76 \text{ TeV}$	3.9	2
41	Measurement of the Cross Sections of $\bar{c}c$ Production in $\sqrt{s} = 2.76 \text{ TeV}$ Pb-Pb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043. $\sqrt{s} = 2.76 \text{ TeV}$	7.8	21
42	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2021, 81, 1. $\sqrt{s} = 13 \text{ TeV}$	3.9	6
43	Multiplicity dependence of light (anti)nuclei production in $\sqrt{s} = 2.76 \text{ TeV}$ Pb-Pb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043. $\sqrt{s} = 2.76 \text{ TeV}$	4.1	27
44	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s} = 8.16 \text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1. $\sqrt{s} = 8.16 \text{ TeV}$	4.7	4
45	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1. $\sqrt{s} = 5.02 \text{ TeV}$	4.7	4
46	Multiplicity dependence of $K^*(892)^0$ and $\bar{K}^*(1020)$ production in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135501. $\sqrt{s} = 13 \text{ TeV}$	4.1	22
47	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. $\sqrt{s} = 13 \text{ TeV}$	4.1	37
48	Global baryon number conservation encoded in net-proton fluctuations measured in Pb-Pb collisions at $\sqrt{s} = 2.76 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135564. $\sqrt{s} = 2.76 \text{ TeV}$	4.1	35
49	Multiplicity dependence of π , K, and p production in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2020, 80, 1. $\sqrt{s} = 13 \text{ TeV}$	3.9	38
50	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s} = 2.76 \text{ TeV}$. Physical Review C, 2020, 101, 054907. $\sqrt{s} = 2.76 \text{ TeV}$	2.9	4
51	Azimuthal correlations of prompt D mesons with charged particles in pp and $\sqrt{s} = 5.02 \text{ TeV}$ Pb-Pb collisions. European Physical Journal C, 2020, 80, 1. $\sqrt{s} = 5.02 \text{ TeV}$	3.9	11
52	Measurement of nuclear effects on $\bar{\Lambda}(2S)$ production in p-Pb collisions at $\sqrt{s} = 8.16 \text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1. $\sqrt{s} = 8.16 \text{ TeV}$	4.7	6
53	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135758. $\sqrt{s} = 13 \text{ TeV}$	4.1	26
54	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s} = 2.76 \text{ TeV}$. Physical Review C, 2020, 102, 054907. $\sqrt{s} = 2.76 \text{ TeV}$	2.9	29

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55	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$. Physical Review C, 2020, 102, .	2.9	4
56	J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
57	(Anti-)deuteron production in pp collisions at $\sqrt{s}=13\text{ ext {TeV}}$. European Physical Journal C, 2020, 80, 1.	3.9	24
58	Measurement of isolated photon-hadron correlations in $\sqrt{s_{NN}} = 5.02\text{ TeV}$ and $\sqrt{s_{NN}} = 2.76\text{ TeV}$ Pb-Pb collisions. Physical Review C, 2020, 102, .	2.9	29
59	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
60	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135434.	4.1	7
61	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	4.1	18
62	Collisional production of $\Lambda(1520)$ baryons in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	6
63	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
64	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7\text{ TeV}$ and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$. European Physical Journal C, 2020, 80, 1.	3.9	10
65	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
66	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
67	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02\text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
68	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
69	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
70	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
71	Measurements of inclusive jet spectra in central and central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$. Physical Review C, 2020, 101, .	2.9	29
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73	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2019, 100, 054907.	2.9	110
74	Global polarization of Λ and $\bar{\Lambda}$ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2019, 100, 054908.	2.9	55
75	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, 054907.	2.9	16
76	Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K_S^0 mesons. Physical Review C, 2020, 101, 054908.	4.1	14
77	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
78	Investigation of the Λ - $\bar{\Lambda}$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
79	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
80	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
81	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.	4.7	15
82	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.	4.7	15
83	Production of Ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
84	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ and 5.02 TeV. Physical Review C, 2020, 101, 054907.	4.1	7
85	Production of Λ and $\bar{\Lambda}$ hyperons in pp collisions at $\sqrt{s} = 2.76$ and 5.02 TeV. Physical Review C, 2020, 101, 054908.	2.9	20
86	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.	3.9	12
87	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
88	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
89	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
90	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

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109	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2019, 99, 054907.	2.9	20
110	Suppression of heavy-flavor hadron production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2019, 99, 054908.	2.9	89
111	Multiplicity dependence of heavy-flavor hadron production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2019, 99, 054909.	2.9	89
112	ALICE Collaboration. Nuclear Physics A, 2019, 982, 975-984.	1.5	1
113	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
114	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
115	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 072301.	7.8	18
116	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
117	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, 054004.	4.7	9
118	Measurement of prompt D0, D+, D*+, and D^0_{S} production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
119	Measurement of prompt D0, D+, D*+, and D^0_{S} production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
120	Two-particle differential transverse momentum and number density correlations in Pb-Pb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. Physical Review C, 2019, 100, 054905.	2.9	10
121	Multiplicity density in Xe-Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Particle and High Energy Physics, 2019, 808, 292-295.	4.1	62
122	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Nuclear Physics A, 2019, 982, 101-104.	3.1	13
123	Dielectron and heavy-flavor production in inelastic particle multiplicity proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Particle and High Energy Physics, 2019, 808, 296-300.	4.1	62
124	Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Particle and High Energy Physics, 2019, 808, 292-295.	4.1	62
125	Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.7	14
126	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	14
126	Measurement of the inclusive isolated photon production cross section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8

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127	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Production of deuterons, tritons, and their antinuclei in collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	2.9	71
128	Production of deuterons, tritons, and their antinuclei in collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	2.9	71
129	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.5	74
130	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.5	74
131	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162. Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2018, 98, .	7.8	80
132	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
133	Neutral pion and $\hat{1}$ meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
134	Measurement of D^0 , D^+ , D^{*+} and D^+s production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
135	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
136	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
137	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
138	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
139	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
140	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
141	Inclusive J/ψ production in Xe-Xe collisions at $\sqrt{s_{\text{NN}}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	3.9	3
142	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	3
143	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
144	$\hat{1}+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42

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145	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
146	Constraints on jet quenching in Pb-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
147	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-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
148	Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
149	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	7
150	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
151	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4
152	First measurement of $\tilde{\chi}_c$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	1
153	Measurement of η production in Pb-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
154	Measurement of Z0-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
155	Measurement of K^0_S production 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	25
156	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 24-30.	7.8	45
157	Direct 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.	4.1	50
158	ALICE Collaboration. Nuclear Physics A, 2017, 967, 932-941.	1.5	0
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161	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
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#	ARTICLE	IF	CITATIONS
163	Applicability of transverse mass scaling in hadronic collisions at energies available at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2017, 96, .	2.9	15