

Lucas Altenkämpfer

List of Publications by Year in descending order

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163
papers

3,728
citations

109321

35
h-index

197818

49
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163
all docs

163
docs citations

163
times ranked

4947
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2020, 101, 044907.	2.9	110
2	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
3	Multiplicity dependence of light-flavor hadron production in collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2020, 101, 044907.	2.9	89
4	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review Letters, 2018, 120, 052301.	7.8	80
5	Production of ^4He and ^4He in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review Letters, 2018, 120, 052301.	7.8	74
6	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	1.5	74
7	Production of deuterons, tritons, and hyperons in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	7.8	72
8	Study of the Λ - $\bar{\Lambda}$ interaction with femtoscopy correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	2.9	71
9	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
10	Study of the Λ - $\bar{\Lambda}$ interaction with femtoscopy correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	7.8	64
11	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	4.1	64
12	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 151-162.	2.9	64
13	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.1	62
14	Global polarization of hyperons in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	2.9	55
15	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.	4.7	54

#	ARTICLE	IF	CITATIONS
19	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, 60-69.		50
20	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
21	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
22	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
23	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 042301.	7.8	45
24	Measurement of $\langle D^0 \rangle$, $\langle D^+ \rangle$, $\langle D^{*+} \rangle$ and $\langle D^+_{s1} \rangle$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
25	$\hat{b}+c$ production in pp collisions at $\sqrt{s} = 7$ TeV and in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
26	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
27	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
28	Production of Λ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 042301.	7.8	38
29	Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 1.	7.8	38
30	Multiplicity dependence of π , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. Evidence of rescattering effect in Pb-Pb collisions at the LHC through production of K. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	3.9	38
31	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135849.	4.1	37
32	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
33	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
34	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
35	Investigation of the ρ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
36	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 308-322.	7.8	36

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37	<p>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.</p>	4.1	35
38	<p>Energy dependence of exclusive π^0 and η meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.</p>	3.9	34
39	<p>Energy dependence of exclusive π^0 and η meson production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.</p>	3.9	34
41	<p>Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = 0.9, 7,$ and 8 TeV. European Physical Journal C, 2017, 77, 1.</p>	3.9	32
42	<p>Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.</p>	3.9	31
43	<p>Experimental Evidence for an Attractive Interaction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 172301.</p>	7.8	30
44	<p>Measurements of inclusive jet spectra in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, 014907.</p>	2.9	29
45	<p>Production and Baryon-to-Meson Ratios in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, 014907.</p>	7.8	29
46	<p>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.</p>	4.1	28
47	<p>Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135543.</p>	4.1	28
48	<p>Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135543.</p>	4.1	27
49	<p>Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135543.</p>	4.1	27
50	<p>Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135543.</p>	4.1	26
51	<p>Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 97, 014907.</p>	4.1	24
53	<p>(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.</p>	4.1	24
54	<p>(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.</p>	3.9	24

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73	Measurement of prompt D meson production in peripheral Pb-Pb collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	7.8	18
74	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.	4.1	18
75	Prompt and non-prompt 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.	4.1	17
76	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	17
77	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2020, 101, .	3.9	16
78	Applicability of transverse mass scaling in hadronic collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2017, 96, .	4.7	16
79	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	2.9	16
80	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.	2.9	15
81	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.	4.1	15
82	Nuclear modification factor of light neutral-meson spectra up to high transverse momentum 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, 2022, 827, 136943.	4.1	15
83	First measurement of Λ production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 99, .	7.8	15
84	Measurement of di-electron production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review C, 2019, 99, .	4.1	14
85	Λ production and nuclear modification at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
86	Measurement of strange baryon-antibaryon interactions with femtosopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
87	Production and nuclear modification at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.1	14
88	Λ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.1	14
89	Measurement of strange baryon-antibaryon interactions with femtosopic correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135223.	4.1	14
90	Production and nuclear modification at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.1	14

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91	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
92	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
93	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2018, 98, .	2.9	13
94	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
95	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13
96	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
97	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
98	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. http://www.w3.org/1998/Math/MathML	3.9	12
99	Measurement of the 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. http://www.w3.org/1998/Math/MathML		
100	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
101	Production of pions, kaons, (anti-)protons and ϕ mesons in Xe-Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
102	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
103	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
104	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 505-518.		
105	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.	3.9	11
106	Coherent photoproduction of ρ^0 vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
107	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
108	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11

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109	Measurement of the production cross section of prompt χ_{c0} baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
110	Measurement of the Groomed Jet Radius and Momentum Splitting Fraction in χ_{c0} production in Xe+Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2022, 128, 102101.	7.8	11
111	Two-particle differential transverse momentum and number density correlations in χ_{c0} production in Xe+Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2022, 128, 102101.	7.8	10
112	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, .	2.9	10
113	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
114	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
115	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
116	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, .	4.7	9
117	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2021, 127, 092302.	7.8	9
118	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
119	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
120	Hypertriton Production in χ_{c0} -Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2022, 128, .	7.8	9
121	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
122	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	1.2	8
123	Measurement of charged jet cross section in χ_{c0} production in pp collisions at $\sqrt{s} = 5.02$ TeV. Physical Review D, 2019, 99, .	4.7	8
124	Measurement of the charged jet cross section in χ_{c0} production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2021, 103, .	2.9	8
125	Measurement of the inclusive isolated photon production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
126	Kaon π 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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127	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
128	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
129	Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	4.1	7
130	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physical Review C, 2019, 100, 054001.	4.1	7
131	Measurement of the elliptic flow of Λ baryons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2019, 100, 054002.	2.9	7
132	Elliptic and triangular flow of (anti)deuterons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2020, 102, 054001.	2.9	7
133	Measurement of the elliptic flow of Λ baryons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physical Review C, 2019, 100, 054001.	4.1	7
134	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
135	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
136	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135375.	4.1	6
137	Measurement of the elliptic flow of Λ baryons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physical Review C, 2019, 100, 054001.	4.1	6
138	Inclusive ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
139	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
140	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV p-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
141	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
142	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
143	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.	4.7	5
144	Longitudinal asymmetry and its effect on pseudorapidity distributions in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	4.1	4

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145	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
146	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
147	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
148	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 101, .	2.9	4
149	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4
150	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
151	Centrality dependence of J/ψ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
152	Inclusive heavy-flavour production at central and forward rapidity in Xe+Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136437.	4.1	4
153	Production of ω mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
154	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
155	Measurement of isolated photon-hadron correlations in $\sqrt{s_{\text{NN}}} = 5.02$ TeV p-Pb collisions. Physical Review C, 2020, 102, .	2.9	3
156	Soft-Dielectron Excess in Proton-Proton Collisions at $\sqrt{s} = 13.6$ TeV. Physical Review Letters, 2021, 127, 042302.	7.8	3
157	Charged-particle multiplicity fluctuations in Pb+Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
158	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.	4.1	1
159	ALICE Collaboration. Nuclear Physics A, 2019, 982, 975-984.	1.5	1
160	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
161	K_S^0 and (anti-) Λ -hadron correlations in pp collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	1
162	First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1

#	ARTICLE	IF	CITATIONS
163	ALICE Collaboration. Nuclear Physics A, 2017, 967, 932-941.	1.5	0