

Petra Loncar

List of Publications by Year in descending order

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Version: 2024-02-01

213
papers

4,423
citations

94433

37
h-index

168389

53
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216
all docs

216
docs citations

216
times ranked

5078
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic collisions at $\sqrt{s_{NN}} = 2.76$ 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 Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 80, 044907.	2.9	89
4	Anisotropic flow in Xe-Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV and $\sqrt{s_{NN}} = 5.44$ TeV. Physical Review C, 2017, 95, 054907.	2.9	86
5	Unveiling the strong interaction among hadrons at the LHC. Nature, 2020, 588, 232-238.	27.8	85
6	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 120, 132301.	7.8	80
7	Production of 4He and ^3He in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 123, 012301.	7.8	74
8	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. Physical Review Letters, 2020, 125, 012301.	7.8	72
9	Production of deuterons, tritons, ^3He , and ^4He in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2018, 971, 1-20.	2.9	71
10	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 044907.	2.9	68
11	Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	4.1	67
12	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	7.8	66
13	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 044907.	7.8	64
14	Study of the p-p interaction with femtoscopy correlations in Xe-Xe and p-Pb collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	4.1	64
15	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 044907.	2.9	64
16	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ ÅTeV. European Physical Journal C, 2017, 77, 1.	3.9	62
17	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 100, 044907.	4.1	62
18	Production of ^3He and ^4He in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.	4.1	62

#	ARTICLE	IF	CITATIONS
19	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics</i> , 2018, 777, 151-162.	4.7	55
20	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	55
21	Global polarization of Λ and Λ^0 hyperons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics</i> , 2018, 777, 151-162.	2.9	55
22	Measurement of D^0 , D^+ , D^{*+} and D^+s production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	54
23	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics</i> , 2017, 773, 68-80.	3.9	50
24	Energy dependence of forward-rapidity $\psi_{\mathrm{J}/\psi}$ and $\psi_{\mathrm{J}/\psi}(2S)$ production in pp collisions at the LHC. <i>European Physical Journal C</i> , 2017, 77, 392.	3.9	50
25	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	49
26	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. <i>Physical Review Letters</i> , 2020, 125, 022301.	7.8	49
27	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	49
28	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. <i>Physical Review Letters</i> , 2017, 119, 242301.	7.8	45
29	Measurement of D^0 , D^+ , D^{*+} and D^+s production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	43
30	Λ^0 production in pp collisions at $\sqrt{s} = 7$ TeV and in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	42
31	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV at the LHC. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	40
32	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	40
33	First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics</i> , 2018, 776, 249-264.	4.1	39
34	Production of Λ^0 and Λ^0 hyperons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. <i>Physical Review Letters</i> , 2017, 119, 242301.	7.8	38
35	Collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. <i>Physical Review Letters</i> , 2017, 119, 242301.	7.8	38
36	Multiplicity dependence of π^0 , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	38

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37	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, 805, 135419.	4.1	37
38	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
40	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. Physical Review Letters, 2020, 124, 092301.	7.8	37
41	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
42	Investigation of the $\Lambda(1520)$ interaction via femtoscopy in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135419.	4.1	36
43	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, 2020, 807, 135564.	4.1	35
44	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.	3.9	34
45	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
46	Energy dependence of exclusive J/ψ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
47	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
48	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
49	Neutral pion and η meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31
50	Experimental Evidence for an Attractive Interaction. Physical Review Letters, 2021, 127, 172301.	7.8	30
51	Measurements of inclusive jet spectra in and central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2020, 101, 1.	2.9	29
52	Production and Baryon-to-Meson Ratios in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions. Physical Review C, 2020, 101, 1.	7.8	29
53	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

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55	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. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 783, 95-113.	4.1	28
56	Suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 783, 95-113.	4.1	27
57	Multiplicity dependence of light (anti)-nucleon production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135043.	4.1	26
58	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135043.	4.1	26
59	Measuring K^0_S production in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 810, 135758.	4.1	26
60	Systematics of Pb-Pb correlations between different orders in pT and η . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135043.	4.1	26
61	Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135043.	4.1	26
62	(Anti)-deuteron production in pp collisions at $\sqrt{s_{NN}}=13$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	24
63	Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC. <i>Physical Review D</i> , 2022, 105, .	4.7	24
64	Production of light-flavor hadrons in pp collisions at $\sqrt{s_{NN}}=13$ TeV. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	23
65	Multiplicity dependence of K^0_S and Λ^0 production in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135043.	4.1	22
66	Transverse momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 807, 135501.	4.1	22
67	Kaon femtoscopia in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135434.	4.1	21
68	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135434.	4.1	21
69	First measurement of the $ t $ -dependence of coherent J/ψ photonuclear production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 817, 136280.	4.1	21
70	Measurement of the Cross Sections of J/ψ production in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135434.	4.1	21
71	Measurement of the Cross Sections of J/ψ production in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135434.	4.1	21
72	Measurement of the Cross Sections of J/ψ production in pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135434.	4.1	21

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73	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
74	Production of the η meson in pp and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Nuclear Physics A, 2019, 982, 180-182.	2.9	20
75	Resonance production in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physical Review C, 2019, 99, .	2.9	20
76	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
77	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
78	Energy dependence of $\eta(1020)$ production at mid-rapidity in pp collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 180-182.	1.5	18
79	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in pp-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	7.8	18
80	Measurement of prompt D^0 , D^+ , D^{*+} , and D_s^+ production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
81	Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135377.	4.1	18
82	Coherent ψ and $\psi(2S)$ photoproduction at midrapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
83	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.	7.8	18
84	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
85	Analysis of the apparent nuclear modification in peripheral Pb-Pb collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	4.1	17
86	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
87	Prompt and non-prompt $\psi(2S)/\psi$ production and nuclear modification at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
88	Hadronic resonances, strange and multi-strange particle production in Xe-Xe and Pb-Pb collisions with ALICE at the LHC. Nuclear Physics A, 2019, 982, 823-826.	1.5	16
89	Testing the system size dependence of hydrodynamical expansion and thermal particle production with η , K, p, and π in Xe-Xe and Pb-Pb collisions with ALICE. Nuclear Physics A, 2019, 982, 427-430.	1.5	16
90	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16

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91	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at sNN=5.02 TeV. Physical Review C, 2020, 101, .	2.9	16
92	Relative particle yield fluctuations in $\sqrt{s_{\text{NN}}} = 2.76$ Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
93	$K^*(892)0$ and $\bar{K}^*(1020)$ production at midrapidity in pp collisions at s=8 TeV. Physical Review C, 2020, 102, . Measurements of mixed harmonic cumulants in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 102, .	2.9	15
94	First measurement of $\langle \cos(\phi_1 - \phi_2) \rangle$ in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 102, .	4.1	15
95	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
96	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
97	Measurement of the nuclear modification factor of light neutral meson spectra up to high transverse momentum in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 102, .	4.1	15
98	Measurement of the nuclear modification factor of light neutral meson spectra up to high transverse momentum in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 102, .	4.1	15
99	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	7.5	14
100	Measurement of dielectron production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2019, 99, .	2.9	14
101	J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
102	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
103	Measurement of the nuclear modification factor of light neutral meson spectra up to high transverse momentum in p-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review C, 2020, 102, .	4.1	14
104	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
105	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
106	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at sNN=2.76 TeV. Physical Review C, 2018, 98, .	2.9	13
107	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	13
108	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. Physical Review Letters, 2020, 125, 162001.	7.8	13

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109	Studies of J/ψ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
110	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	7.8	12
111	J/ψ production as a function of charged particle pseudorapidity density in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-101.	4.1	12
112	Charged-particle pseudorapidity density at mid-rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
113	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
114	Measuring K^0_S production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 91-101.	4.1	12
115	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
116	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
117	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
118	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
119	Dilepton 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.	4.1	11
120	Azimuthal correlations of prompt D mesons with charged particles in pp and p-Pb collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
121	J/ψ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135486.	4.1	11
122	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
123	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
124	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
125	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
126	Inclusive J/ψ production in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.	4.1	11

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127	Two-particle differential transverse momentum and number density correlations in $\sqrt{s} = 5.02$ TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2019, 100, .	2.9	10
128	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	10
129	Elliptic Flow of Electrons from Beauty-Hadron Decays in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2021, 126, 162001.	7.8	10
130	Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	9
131	Event-shape- and multiplicity-dependent identified particle production in pp collisions at 13 TeV with ALICE at the LHC. <i>Nuclear Physics A</i> , 2019, 982, 507-510.	1.5	9
132	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical Review D</i> , 2019, 99, .	4.7	9
133	Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review Letters</i> , 2021, 127, 092302.	7.8	9
134	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	9
135	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. <i>Physical Review Letters</i> , 2017, 118, 162302.	7.8	8
136	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	8
137	Calibration of the photon spectrometer PHOS of the ALICE experiment. <i>Journal of Instrumentation</i> , 2019, 14, P05025-P05025.	1.2	8
138	Elliptic flow of identified hadrons in small collisional systems measured with ALICE. <i>Nuclear Physics A</i> , 2019, 982, 451-454.	1.5	8
139	Measurement of charged jet cross section in $\sqrt{s} = 13$ TeV collisions at the LHC. <i>Physical Review D</i> , 2019, 99, .	4.7	8
140	Pion kaon femtoscopy and the lifetime of the hadronic phase in Pb-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136030.	4.1	8
141	Pion kaon femtoscopy in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. <i>Physical Review C</i> , 2021, 103, .	2.9	8
142	Measurement of the inclusive isolated photon production cross section in $\sqrt{s} = 7$ TeV collisions. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	8
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144	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	7

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146	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Nuclear Physics A, 2019, 982, 133-173.	4.1	7
147	Measurement of Z0-boson production at large rapidities in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2019, 100, 014907.	2.9	7
148	ALICE measurements of flow coefficients and their correlations in small (pp and p-Pb) and large (Xe-Xe and Pb-Pb) collision systems. Nuclear Physics A, 2019, 982, 487-490.	1.5	7
149	Higher moment fluctuations of identified particle distributions from ALICE. Nuclear Physics A, 2019, 982, 851-854.	1.5	7
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151	Production of muons from heavy-flavor hadron decays at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Nuclear Physics A, 2019, 982, 133-173.	4.1	7
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153	Production of muons from heavy-flavor hadron decays in particle collisions. Energy Physics, 2021, 820, 133-173.	4.1	6
154	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
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156	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
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162	Balance functions of (un)identified hadrons in Pb-Pb, p-Pb, and pp collisions at the LHC. Nuclear Physics A, 2019, 982, 315-318.	1.5	5

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166	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
167	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
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180	Dielectron production in proton-proton and proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV. Physical Review C, 2020, 102, .	2.9	4

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185	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ s NN. European Physical Journal C, 2018, 78, 1.	3.9	3
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210	Electroweak boson measurements in p-Pb and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV with ALICE at the LHC. Nuclear Physics A, 2019, 982, 783-786.	1.5	0
211	Pion-kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV measured with ALICE. Nuclear Physics A, 2019, 982, 351-354.	1.5	0
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