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List of Publications by Year in descending order

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107
papers

4,810
citations

81900
39
h-index

98798
67
g-index

109
all docs

109
docs citations

109
times ranked

5995
citing authors

#	ARTICLE	IF	CITATIONS
1	Charged-particle multiplicity measurement in proton–proton collisions at $\sqrt{s}=7\text{ TeV}$ with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
2	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900\text{ GeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
3	Charmonium and $e+e^-$ pair photoproduction at mid-rapidity in ultra-peripheral Pb–Pb collisions at $\sqrt{s_{\text{NN}}}=2.76\text{ TeV}$. European Physical Journal C, 2013, 73, 2617.	3.9	203
4	Measurement of inelastic, single- and double-diffraction cross sections in proton–proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456.	3.9	202
5	Charged-particle multiplicity measurement in proton–proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 89-108.	3.9	199
6	Measurement of pion, kaon and proton production in proton–proton collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2015, 75, 226.	3.9	149
7	Strange particle production in proton–proton collisions at $\sqrt{s}=0.9\text{ TeV}$ with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	140
8	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	139
9	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton–proton collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2015, 75, 1.	3.9	125
10	First proton–proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900\text{ GeV}$. European Physical Journal C, 2010, 65, 111-125.	3.9	124
11	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76\text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
12	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
13	Production of $K^{*}(892)^0$ and $\bar{K}^{*}(1020)$ in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	3.9	111
14	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	3.9	101
15	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
16	Measurement of quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2014, 74, 2974.	3.9	89
17	Production of $K^{*}(892)^0$ and $\phi(1020)$ in Pb–Pb collisions at $\sqrt{s_{\text{NN}}}=5.02\text{ TeV}$. European Physical Journal C, 2016, 76, 245.	3.9	89
18	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76\text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88

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19	Neutral pion production at midrapidity in pp and Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76, \{\mathrm{TeV}\}$ s NN = 2.76 TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
20	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
21	Charged-particle multiplicities in proton–proton collisions at $\sqrt{s} = 0.9$ s = 0.9 to 8 TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
22	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
23	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
24	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = \{2\}.76, \{\mathrm{TeV}\}$ s. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
25	Transverse momentum dependence of inclusive primary charged-particle production in p–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ – $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
26	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
27	Measurement of D0, D+, D*+ and D+s production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	54
28	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
29	Energy dependence of forward-rapidity $\langle \eta \rangle / \psi$ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	3.9	50
30	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
31	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at s NN = 2.76 $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
32	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44
33	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	2.6	44
34	Measurement of $\langle D^0 \rangle$, $\langle D^+ \rangle$, $\langle D^{*+} \rangle$ and $\langle D^+_{\mathrm{s}} \rangle$ production in pp collisions at $\sqrt{s} = 5.02$ – $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
35	$\hat{b}+c$ production in pp collisions at $\sqrt{s} = 7$ TeV and in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
36	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at s NN = 2.76 $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	40

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37	Measurement of deuteron spectra and elliptic flow in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	40
38	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
39	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	3.9	39
40	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
41	Multiplicity dependence of π^0 , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
42	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
43	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
44	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
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 p–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
47	Differential studies of inclusive J/ψ and $\Upsilon(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
48	Measurements of azimuthal anisotropy and charged-particle multiplicity in $d + \text{Au}$ collisions at $\sqrt{s_{\mathrm{NN}}} = 2.9, 3.9, 6.24, 39,$ and 19.6 GeV. Physical Review C, 2017, 96, .	2.9	33
49	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.	3.9	32
50	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
51	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	3.9	31
52	Centrality dependence of charged jet production in p–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	3.9	31
53	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
54	Neutral pion and η meson production in p–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	31

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55	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
56	Coherent π^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
57	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pPb, and PbPb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
58	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
59	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
60	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
61	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
62	(Anti-)deuteron production in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
63	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s}=7$ TeV and pPb collisions at $\sqrt{s}=5.02$ TeV. European Physical Journal C, 2017, 77, 245.	3.9	23
64	Measurement of Λ_c^+ pairs from open heavy flavor and Drell-Yan in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	4.7	23
65	Production of light-flavor hadrons in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
66	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
67	Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
68	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
69	Measurement of prompt D0, D+, D*+, and D_s^+ production in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
70	Centrality dependence of $\Upsilon(2S)$ suppression in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
71	Prompt and non-prompt J/ψ production and nuclear modification at mid-rapidity in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
72	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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73	Relative particle yield fluctuations in $\sqrt{s_{\mathrm{NN}}} = 2.76$ Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	15
74	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
75	W and Z boson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
76	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
77	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
78	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
79	Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	3.9	12
80	Single spin asymmetry of J/ψ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2015, 75, 1.	4.7	12
81	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
82	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
83	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
84	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
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	Azimuthal correlations of prompt D mesons with charged particles in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	11
87	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
88	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ TeV and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	10
89	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
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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91	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
92	Measurement of the inclusive isolated photon production cross section in $\sqrt{s}=7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
93	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
94	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	6
95	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
96	Inclusive ψ/ψ' production at midrapidity in pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
97	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
98	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
99	Nonperturbative-transverse-momentum broadening in dihadron angular correlations in $\sqrt{s}=2.76$ TeV p-Pb collisions. Physical Review C, 2019, 99, 1.	4.7	5
100	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
101	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
102	Non-linear flow modes of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
103	Production of ω mesons in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
104	Nonperturbative transverse-momentum-dependent effects in dihadron and direct photon-hadron angular correlations in p+p collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2018, 98, 1.	4.7	3
105	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	3
106	Charged-particle multiplicity fluctuations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	2
107	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