

# Naomi van der Kolk

## List of Publications by Year in descending order

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Version: 2024-02-01

161  
papers

12,765  
citations

20817

60  
h-index

22832

112  
g-index

161  
all docs

161  
docs citations

161  
times ranked

7423  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	1.2	811
2	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	7.8	659
3	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 032301.	7.8	507
4	Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 107, 032301.	7.8	482
5	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	4.1	433
6	Transverse Momentum and Centrality Dependence of High-pT Nonphotonic Electron Suppression in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2007, 98, 192301.	7.8	379
7	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	7.8	296
8	Strange particle production in p+pcollisions at $\sqrt{s} = 200$ GeV. Physical Review C, 2007, 75, .	2.9	267
9	Identified Baryon and Meson Distributions at Large Transverse Momenta from Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2006, 97, 152301.	7.8	261
10	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 328-337.	4.1	235
11	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	228
12	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
13	Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions. Physical Review C, 2008, 77, .	2.9	225
14	Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
15	Production of pions, kaons and protons in pp collisions at $\sqrt{s} = 900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
16	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	7.8	205
17	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
18	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	7.8	194

#	ARTICLE	IF	CITATIONS
19	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2006, 97, 240-244.	4.1	188
20	Partonic Flow and Meson Production in Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2006, 97, 162301.	7.8	181
21	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review Letters</i> , 2006, 97, 162301.	7.8	179
22	Scaling Properties of Hyperon Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review Letters</i> , 2007, 98, 062301.	7.8	175
23	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. <i>Journal of Instrumentation</i> , 2010, 5, P03003-P03003.	1.2	171
24	Minijet deformation and charge-independent angular correlations on momentum subspace $(\hat{r}, \hat{i})$ in Au-Au collisions at $\sqrt{s_{NN}} = 130$ GeV. <i>Physical Review C</i> , 2006, 73, .	2.9	166
25	Forward Neutral Pion Production in p+p and Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review Letters</i> , 2006, 97, 152302.	7.8	166
26	Multistrange Baryon Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review Letters</i> , 2005, 95, 122301.	7.8	164
27	Dependence of Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 53-68.	4.1	161
28	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 53-68.	4.1	156
29	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 53-68.	4.1	153
30	Longitudinal Double-Spin Asymmetry and Cross Section for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s} = 200$ GeV. <i>Physical Review Letters</i> , 2006, 97, 252001.	7.8	141
31	Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	140
32	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	139
33	Forward Neutral Pion Transverse Single-Spin Asymmetries in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	7.8	138
34	Neutral pion and meson production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s} = 900$ GeV. <i>European Physical Journal C</i> , 2010, 65, 111-125.	4.1	133
35	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s} = 900$ GeV. <i>European Physical Journal C</i> , 2010, 65, 111-125.	3.9	124
36	Rapidity and transverse momentum dependence of inclusive production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	4.1	115

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37	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
38	Mass, quark-number, and NN dependence of the second and fourth flow harmonics in ultrarelativistic nucleus-nucleus collisions. Physical Review C, 2007, 75, .	2.9	112
39	Higgs physics at the CLIC electron-positron linear collider. European Physical Journal C, 2017, 77, 475.	3.9	112
40	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
41	Strange Baryon Resonance Production in $\sqrt{s_{NN}}=200$ GeV p+Au and Au+Au Collisions. Physical Review Letters, 2006, 97, 132301.	7.8	108
42	Global polarization measurement in Au+Au collisions. Physical Review C, 2007, 76, .	2.9	107
43	System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.	7.8	102
44	Polarization in Collisions at $\sqrt{s_{NN}}=200$ GeV compared to $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	99
45	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2012, 108, 092301.	2.9	97
46	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2012, 108, 092301.	7.8	97
47	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2012, 108, 092301.	7.8	96
48	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2012, 108, 092301.	4.7	93
49	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2012, 108, 092301.	4.1	93
50	Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in $p+^3\text{He}$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2008, 100, 232003.	7.8	89
51	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	4.1	88
52	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	86
53	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	86
54	Transverse-momentum correlations on $(\hat{t}, \phi)$ from mean-pt fluctuations in Au+Au collisions at GeV. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, L37-L48.	3.6	78

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55	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 105, 072002.	7.8	67
56	Midrapidity Antiproton-to-Proton Ratio in $\sqrt{s}=2.76$ TeV Measured by the ALICE Experiment. Physical Review Letters, 2010, 105, 072002.	7.8	67
57	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	7.8	67
58	in ultraperipheral relativistic heavy ion collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2010, 105, 072002.	2.9	64
59	First results of the CALICE SDHCAL technological prototype. Journal of Instrumentation, 2016, 11, P04001-P04001.	1.2	62
60	Two-pion Bose-Einstein correlations in $\sqrt{s}=2.76$ TeV collisions at mid-rapidity. Physical Review D, 2010, 82, .	4.7	61
61	Multiplicity dependence of inclusive pT spectra from p-p collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2006, 74, .	4.7	60
62	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
63	Measurement of electrons from semileptonic heavy flavor hadron decays in $\sqrt{s}=2.76$ TeV collisions at mid-rapidity. Physical Review D, 2010, 82, .	4.7	57
64	Directed flow in Au+Au collisions at $\sqrt{s}=62.4$ GeV. Physical Review C, 2006, 73, .	2.9	55
65	Measurement of prompt $J/\psi$ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
66	$\langle \hat{p}_T \hat{p}_T \rangle$ -correlations in central Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2007, 75, .	2.9	50
67	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s}=5.02$ and $13.6$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	49
68	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
69	Proton- $\hat{p}_T$ correlations in central Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2006, 74, .	2.9	47
70	Light vector meson production in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	45
71	Light vector meson production in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	45

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73	Measurement of $D^0$ , $D^+$ , $D^{*+}$ and $D^+_s$ production in pp collisions at $\sqrt{s} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	3.9	43
74	Multiplicity and Pseudorapidity Distributions of Photons in Au+Au Collisions at $\sqrt{s_{NN}} = 62.4$ GeV. Physical Review Letters, 2005, 95, 062301.	7.8	42
75	Measurement of Transverse Single-Spin Asymmetries for Dijet Production in Proton-Proton Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2007, 99, 142003.	7.8	41
76	Multiplicity and pseudorapidity distributions of charged particles and photons at forward pseudorapidity in Au+Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV. Physical Review C, 2006, 73, .	2.9	40
77	First measurements of beam backgrounds at SuperKEKB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 914, 69-144.	1.6	38
78	Multiplicity dependence of $\pi$ , K, and p production in pp collisions at $\sqrt{s} = 13.8$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
79	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2006, 74, .	2.9	35
80	Hydrodynamics and Flow. Lecture Notes in Physics, 2009, , 139-178.	0.7	35
81	Energy dependence of exclusive $J/\psi$ photoproduction off protons in ultra-peripheral p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
82	The energy dependence of pT angular correlations inferred from mean-pT fluctuation scale dependence in heavy ion collisions at the SPS and RHIC. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 451-465.	3.6	33
83	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2012, 72, 18001.	3.9	32
84	Hadronization geometry from net-charge angular correlations on momentum subspace	4.1	31
85	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
86	Top-quark physics at the CLIC electron-positron linear collider. Journal of High Energy Physics, 2019, 2019, 1.	4.7	24
87	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
88	Correlations in pp collisions at $\sqrt{s} = 13.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 151-161.	4.1	23
89	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 13$ and 7 TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
90	Strangelet search in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2007, 76, .	2.9	19

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91	Measurement of prompt D0, D+, D*+, and $\{D\}_S^+$ production in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
92	Coherent $\rho/\psi$ and $\omega$ photoproduction at midrapidity in ultra-peripheral $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} \sim 5.02$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	18
93	The time structure of hadronic showers in highly granular calorimeters with tungsten and steel absorbers. Journal of Instrumentation, 2014, 9, P07022-P07022.	1.2	17
94	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
95	Validation of GEANT4 Monte Carlo models with a highly granular scintillator-steel hadron calorimeter. Journal of Instrumentation, 2013, 8, P07005-P07005.	1.2	16
96	Event-Shape Engineering for the D-meson elliptic flow in mid-central $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
97	Performance of the first prototype of the CALICE scintillator strip electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 278-289.	1.6	15
98	Testing hadronic interaction models using a highly granular silicon-tungsten calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 794, 240-254.	1.6	15
99	Higher harmonic non-linear flow modes of charged hadrons in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
100	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
101	Two-particle correlations on transverse momentum and momentum dissipation in $\text{Au-Au}$ collisions at $\sqrt{s_{\text{NN}}} = 130$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 799-816.	3.6	14
102	$J/\psi$ elliptic and triangular flow in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
103	Inclusive $J/\psi$ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
104	Rapidity and species dependence of particle production at large transverse momentum for $\langle \mathbf{d} \rangle + \langle \mathbf{Au} \rangle$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	2.9	13
105	Studies of $J/\psi$ production at forward rapidity in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
106	Tracking within Hadronic Showers in the CALICE SDHCAL prototype using a Hough Transform Technique. Journal of Instrumentation, 2017, 12, P05009-P05009.	1.2	12
107	Charged-particle pseudorapidity density at mid-rapidity in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
108	Study of $J/\psi$ azimuthal anisotropy at forward rapidity in $\text{Pb-Pb}$ collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12

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109	Production of pions, kaons, (anti-)protons and $\phi$ mesons in Xe–Xe collisions at $\sqrt{s_{\mathrm{NN}}}$ = 5.44 TeV. European Physical Journal C, 2021, 81, 1.	3.9	12
110	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
111	Track segments in hadronic showers in a highly granular scintillator-steel hadron calorimeter. Journal of Instrumentation, 2013, 8, P09001-P09001.	1.2	11
112	Pion and proton showers in the CALICE scintillator-steel analogue hadron calorimeter. Journal of Instrumentation, 2015, 10, P04014-P04014.	1.2	11
113	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
114	Azimuthal correlations of prompt D mesons with charged particles in pp and p–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ hbox {TeV}. European Physical Journal C, 2020, 80, 1.	3.9	11
115	Coherent photoproduction of $\rho^0$ vector mesons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
116	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
117	Measurement of the production cross section of prompt $\chi_{\mathrm{c}}^0$ baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
118	Shower development of particles with momenta from 1 to 10 GeV in the CALICE Scintillator-Tungsten HCAL. Journal of Instrumentation, 2014, 9, P01004-P01004.	1.2	10
119	Measurement of $\Lambda(1520)$ production in pp collisions at $\sqrt{s} = 7$ hbox {TeV} and p–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ hbox {TeV}. European Physical Journal C, 2020, 80, 1.	3.9	10
120	Hadronic energy resolution of a combined high granularity scintillator calorimeter system. Journal of Instrumentation, 2018, 13, P12022-P12022.	1.2	9
121	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
122	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
123	Prompt and non-prompt $J/\psi$ 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
124	Shower development of particles with momenta from 15 GeV to 150 GeV in the CALICE scintillator-tungsten hadronic calorimeter. Journal of Instrumentation, 2015, 10, P12006-P12006.	1.2	8
125	Performance of the GridPix detector quad. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 956, 163331.	1.6	8
126	Helium radiography with a digital tracking calorimeter—a Monte Carlo study for secondary track rejection. Physics in Medicine and Biology, 2021, 66, 035004.	3.0	8



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127	Measurement of the inclusive isolated photon production cross section in $\text{ext}\{p\}\text{-ext}\{p\}$ collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
128	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
129	Beam test performance of the SKIROC2 ASIC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 778, 78-84.	1.6	7
130	DHCAL with minimal absorber: measurements with positrons. Journal of Instrumentation, 2016, 11, P05008-P05008.	1.2	7
131	Construction and response of a highly granular scintillator-based electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 887, 150-168.	1.6	7
132	Hadron shower decomposition in the highly granular CALICE analogue hadron calorimeter. Journal of Instrumentation, 2016, 11, P06013-P06013.	1.2	6
133	PEN as self-vetoing structural material. AIP Conference Proceedings, 2018, , .	0.4	6
134	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{\text{NN}}}$ = 8.16 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
135	Inclusive $\text{ext}\{J\}/\psi$ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
136	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
137	Resistive Plate Chamber digitization in a hadronic shower environment. Journal of Instrumentation, 2016, 11, P06014-P06014.	1.2	5
138	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{\text{NN}}}=5.02$ TeV p-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
139	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
140	Energy dependence of $\phi$ meson production at forward rapidity in pp collisions at the LHC. European Physical Journal C, 2021, 81, 1.	3.9	5
141	Anisotropic flow of identified hadrons in Xe-Xe collisions at $\sqrt{s_{\text{NN}}} = 5.44$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
142	Forward $\bar{b}$ production and nuclear stopping power in $\text{math}$ collisions at $\text{math}$ collisions at $\text{math}$	2.9	4
143	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
144	$\bar{b}$ 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

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145	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
146	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
147	Centrality dependence of $J/\psi$ and $\Upsilon(2S)$ production and nuclear modification in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
148	Production of $\Omega$ mesons in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
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