

Marco van Leeuwen

List of Publications by Year in descending order

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Version: 2024-02-01

205
papers

15,500
citations

16451

64
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17592

121
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205
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205
docs citations

205
times ranked

7541
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
2	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
3	Prompt D_0 , D^+ , and D^{*+} production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
4	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
5	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. European Physical Journal C, 2022, 82, 1.	3.9	7
6	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
7	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
8	Centrality dependence of J/ψ 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
9	Production of light-flavor hadrons in pp collisions at $\sqrt{s} = 7$ and $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	23
10	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
11	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
12	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
13	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
14	Coherent ρ/ψ and ω/ψ 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
15	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
16	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
17	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
18	First measurements of N-subjettiness in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1

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19	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
20	Measurement of the production cross section of prompt χ_{c}^0 baryons at midrapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
21	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
22	Inclusive χ/ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 1.	3.9	6
23	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
24	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
25	Multiplicity dependence of π , K, and p production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	38
26	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
27	Measurement of nuclear effects on $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
28	J/ψ elliptic and triangular flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
29	(Anti-)deuteron production in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	24
30	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
31	Coherent photoproduction of ρ^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
32	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
33	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
34	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
35	Underlying event properties in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
36	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15

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37	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ and 5.02 TeV. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
38	Novel tools and observables for jet physics in heavy-ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 065102.	3.6	42
39	Production of Ω mesons in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	4
40	Charged-particle pseudorapidity density at mid-rapidity in $\sqrt{s_{\mathrm{NN}}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	12
41	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
42	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
43	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
44	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
45	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
46	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV $\sqrt{s_{\mathrm{NN}}}$ Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
47	Energy dependence of exclusive J/ψ photoproduction off protons in ultra-peripheral $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	34
48	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
49	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
50	Measurement of prompt D0, D+, D*+, and D_s^+ production in $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
51	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
52	Measurement of the inclusive isolated photon production cross section in $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	3.9	8
53	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
54	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

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55	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
56	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
57	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
58	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	55
59	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
60	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	40
61	$\hat{b}+c$ production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	42
62	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
63	Prompt and non-prompt χ/ψ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	3.9	16
64	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s}=0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	3.9	62
65	Production of $\Sigma(1385)^{\pm}$ $\Lambda(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	3.9	36
66	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
67	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
68	Nuclear collisions at the Future Circular Collider. Nuclear Physics A, 2016, 956, 854-857.	1.5	4
69	Production of $K^*(892)^0$ and $\phi(1020)$ in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. European Physical Journal C, 2016, 76, 245.	3.9	89
70	Measurement of event-by-event transverse momentum and multiplicity fluctuations using strongly intensive measures	2.9	12
71	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
72	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30

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73	Coherent π^0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
74	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
75	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
76	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
77	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
78	Critical fluctuations of the proton density in A+A collisions at 158A GeV. European Physical Journal C, 2015, 75, 1.	3.9	39
79	Centrality dependence of inclusive J/ψ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
80	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
81	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
82	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	118
83	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	3.9	149
84	Measurement of Prompt Meson Production in p -Pb collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	94
85	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2015, 75, 226.	7.8	100
86	Event-by-event mean p_T fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61
87	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
88	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
89	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
90	Phase-space dependence of particle-ratio fluctuations in Pb + Pb collisions from 20 to 158 GeV beam energy. Physical Review C, 2014, 89, .	2.9	17

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91	Heavy-ion physics studies for the Future Circular Collider. Nuclear Physics A, 2014, 931, 1163-1168.	1.5	16
92	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
93	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
94	Measurement of quarkonium production at forward rapidity in \mathbf{pp} collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
95	Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV in van der Meer scans with the ALICE detector. Journal of Instrumentation, 2014, 9, P11003-P11003.	1.2	40
96	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
97	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
98	Production in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2013, 73, 1.	7.8	270
99	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
100	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
101	Charmonium and $e + e$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	3.9	203
102	System-size dependence of particle-ratio fluctuations in Pb + Pb collisions at 158 AGeV. Physical Review C, 2013, 87, .	2.9	8
103	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	7.8	69
104	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	7.8	58
105	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	67
106	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	171
107	Comparison of jet quenching formalisms for a quark-gluon plasma. Physical Review C, 2012, 86, .	2.9	108
108	Antideuteron and deuteron production in midcentral Pb+Pb collisions at 158 GeV. Physical Review C, 2012, 85, .	2.9	20

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109	Production of Muons from Heavy Flavor Decays at Forward Rapidity in pp and Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 252301.	7.8	96
110	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 252302.	7.8	86
111	System-Size and Centrality-Dependence of Charged Kaon and Pion Production in Nucleus-Nucleus Collisions at 40 GeV and 158 GeV Beam Energy. <i>Physical Review C</i> , 2012, 86, 034907.	2.9	22
112	Underlying Event measurements in pp collisions at $\sqrt{s}=0.9$ and 7 TeV with the ALICE experiment at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	31
113	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	115
114	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	228
115	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	54
116	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012, 109, 252301.	4.7	184
117	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s}=0.9$ and 7 TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	32
118	Production of $\Lambda(892)^0$ and $\bar{\Lambda}(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	111
119	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	58
120	Evidence for the onset of deconfinement and quest for the critical point by NA49 at the CERN SPS. <i>Physics of Atomic Nuclei</i> , 2012, 75, 556-566.	0.4	5
121	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
122	Production of $\Lambda(892)^0$ and $\bar{\Lambda}(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	2.9	30
123	Search for the Critical Point of Strongly Interacting Matter at the CERN SPS. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 219-220, 102-110.	0.4	2
124	Strange particle production in proton-proton collisions at $\sqrt{s}=0.9$ and 7 TeV with ALICE at the LHC. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	140
125	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ GeV with ALICE at the LHC. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	209
126	Comparing parton energy loss models. <i>Nuclear Physics A</i> , 2011, 855, 67-72.	1.5	1

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127	The theory and phenomenology of perturbative QCD based jet quenching. Progress in Particle and Nuclear Physics, 2011, 66, 41-92. Centrality dependence of proton and antiproton spectra in Pb-Pb collisions at $\sqrt{s}=2.76$ GeV. Physical Review Letters, 2010, 105, 252301.	14.4	249
128	Centrality dependence of proton and antiproton spectra in Pb-Pb collisions at $\sqrt{s}=2.76$ GeV. Physical Review Letters, 2010, 105, 252301.	2.9	66
129	Proton-antiproton correlations in central Pb-Pb collisions at $\sqrt{s}=2.76$ GeV. Physical Review Letters, 2010, 105, 252301.	2.9	23
130	Pb-Pb collisions at $\sqrt{s}=2.76$ GeV. Physical Review Letters, 2010, 105, 252301.	2.9	6
131	Vertex finding in pile-up rich events for p+p and d+Au collisions at STAR. Journal of Physics: Conference Series, 2010, 219, 032020.	0.4	4
132	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	1.2	171
133	First proton-antiproton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. European Physical Journal C, 2010, 65, 111-125.	3.9	124
134	Charged-particle multiplicity measurement in proton-antiproton 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
135	Charged-particle multiplicity measurement in proton-antiproton collisions at $\sqrt{s}=7$ TeV with ALICE at LHC. European Physical Journal C, 2010, 68, 345-354.	3.9	212
136	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. Nuclear Physics A, 2010, 832, 134-147.	1.5	12
137	Production of π^0 mesons in Pb-Pb collisions at $\sqrt{s}=2.76$ GeV. Physical Review Letters, 2010, 105, 252301.	4.1	7
138	Performance of prototypes for the ALICE electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 615, 6-13.	1.6	17
139	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s}=2.76$ GeV. Physical Review Letters, 2010, 105, 252301.	7.8	296
140	Search for the QCD critical point in nuclear collisions at $\sqrt{s}=2.76$ GeV at the CERN Super Proton Synchrotron (SPS). Physical Review C, 2010, 81, 034907.	2.9	35
141	Production of π^0 mesons in Pb-Pb collisions at $\sqrt{s}=2.76$ GeV. Physical Review Letters, 2010, 105, 252301.	7.8	68
142	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	12.6	249
143	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s}=2.76$ GeV. Physical Review Letters, 2010, 105, 252302.	7.8	659
144	Energy dependence of particle ratio fluctuations in central Pb+Pb collisions from $\sqrt{s}=6.3$ to 17.3 GeV. Physical Review C, 2009, 79, .	2.9	64

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145	Energy dependence of transverse momentum fluctuations in heavy ion collisions at the CERN Super Proton Synchrotron. Physical Review Letters, 2009, 102, 112301.	2.9	49
146	Growth of Long-Range Forward-Backward Multiplicity Correlations With Centrality in Au+Au Collisions at RHIC. Physical Review Letters, 2009, 103, 172301.	7.8	79
147	Hot and dense matter: Hard probes from RHIC to LHC. Nuclear Physics A, 2009, 827, 137c-144c.	1.5	0
148	The NA49 Collaboration. Nuclear Physics A, 2009, 830, 959c.	1.5	4
149	Recent high-p T results from STAR. European Physical Journal C, 2009, 61, 569-574.	3.9	11
150	Observation of Two-Source Interference in the Photoproduction Reaction $\gamma p \rightarrow \pi^0 p$. Physical Review Letters, 2009, 102, 112301.	7.8	38
151	Energy dependence of multiplicity fluctuations in heavy ion collisions at 20A to 158A GeV. Physical Review C, 2008, 78, .	2.9	74
152	Transverse momentum hadron spectra at RHIC. Physical Review C, 2008, 78, .	2.9	49
153	Energy dependence of p and $1z$ production in central Au+Au collisions at RHIC. Physical Review C, 2008, 78, .	2.9	37
154	System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.	2.9	104
155	Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in $p\bar{p} \rightarrow p\bar{p}$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2008, 100, 232003.	7.8	102
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