

Christine Nattrass

List of Publications by Year in descending order

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234
papers

23,593
citations

3731

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146
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234
all docs

234
docs citations

234
times ranked

7754
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	2.6	29
2	Production of mesons in heavy-ion collisions at forward rapidity and pseudorapidity. Physical Review C, 2016, 93, 014907.	2.9	47
3	Pseudorapidity and transverse momentum distributions of charged particles in proton-proton collisions at forward rapidity. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	4.1	82
4	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907.	4.1	23
5	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907.	4.1	23
6	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 032-032.	5.4	18
7	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pPb, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	3.9	30
8	Near-side azimuthal and pseudorapidity correlations using neutral strange baryons and mesons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907.	2.9	3
9	Momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907.	4.1	93
10	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, 014907.	2.9	36
11	Disappearance of the Mach cone in heavy-ion collisions. Physical Review C, 2016, 94, 014907.	2.9	11
12	Measurement of higher cumulants of net-charge multiplicity distributions in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907.	2.9	67
13	Dielectron production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907.	2.9	4
14	Transverse energy production and charged-particle multiplicity at midrapidity in various systems from 200 GeV. Physical Review C, 2016, 93, 014907.	2.9	78
15	Scaling properties of fractional momentum loss of high-momentum particles in nucleus-nucleus collisions at $\sqrt{s_{NN}} = 62.4$ GeV to 2.76 TeV. Physical Review C, 2016, 93, 014907.	2.9	14
16	Forward η production in U + U collisions at $\sqrt{s_{NN}} = 193$ GeV. Physical Review C, 2016, 93, 014907.	2.9	7
17	Single electron yields from semileptonic charm and bottom hadron decays in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, 014907.	2.9	32
18	Background subtraction methods for precision measurements of di-hadron and jet-hadron correlations in heavy ion collisions. Physical Review C, 2016, 93, 014907.	2.9	9

#	ARTICLE	IF	CITATIONS
19	cross section and double-helicity asymmetry for Λ_c^+ production at midrapidity in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions	4.7	37
20	Measurement of parity-violating spin asymmetries in Λ_c^+ production at midrapidity in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions	4.7	25
21	Centrality-Dependent Modification of Jet-Production Rates in Deuteron-Gold Collisions at $\sqrt{s_{NN}} = 2.76$ TeV	7.8	48
22	Measurement of an Excess in the Yield of Λ_c^+ Production at Midrapidity in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au Collisions	7.8	77
23	Centrality Dependence of the Nuclear Modification Factor of Charged Pions, Kaons, and Protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	7.8	107
24	Production of Λ_c^+ meson in the forward/backward rapidity region in Cu + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV	7.8	110
25	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	7.8	36
26	Production of light nuclei and anti-nuclei in p and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
27	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	2.9	37
28	Multipion Bose-Einstein correlations in Λ_c^+ and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	25
29	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV	7.8	148
30	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV	7.8	182
31	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV	7.8	138
32	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
33	Azimuthally anisotropic emission of low-momentum direct photons in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2016, 94, .	2.9	73
34	Differential studies of inclusive J/ψ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	33
35	Measurement of D-meson production versus multiplicity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
36	Measurement of D s + production and nuclear modification factor in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19

#	ARTICLE	IF	CITATIONS
55	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
56	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
57	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
58	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
59	Measurement of charged jet production cross sections and nuclear modification in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	49
60	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
61	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
62	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
63	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
64	Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 105-114.	4.1	60
65	Measurement of dijet production cross sections and nuclear modification in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 105-114.	4.1	105
66	Measurement of dijet production cross sections and nuclear modification in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 105-114.	4.1	19
67	Measurement of dijet production cross sections and nuclear modification in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 105-114.	2.9	43
68	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
69	Heavy-quark production and elliptic flow in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	29
70	Measurement of dijet production cross sections and nuclear modification in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	100
71	Measurement of dijet production cross sections and nuclear modification in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	34
72	Two-pion femtoscopia in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	2.9	39

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73	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
74	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
75	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
76	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
77	Precision measurement of the mass difference between light nuclei and anti-nuclei. Nature Physics, 2015, 11, 811-814.	16.7	41
78	Multiplicity dependence of jet-like two-particle correlation structures in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 5.02$ and 7 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 338, 1-5.	7.8	94
79	Exclusive $\rho(770)^0$ meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 5.02$ and 7 TeV. Nuclear, Elementary Particle and High-Energy Physics, 2014, 338, 1-5.	7.8	94
80	Photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76, 5.02$ and 7 TeV. Nuclear, Elementary Particle and High-Energy Physics, 2014, 338, 1-5.	7.8	100
81	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
82	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
83	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
84	Suppression of $\rho(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
85	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 5.02$ and 7 TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
86	Nuclear matter effects on $\rho(770)^0$ production in asymmetric Cu-Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 90, .	2.9	15
87	Beauty production in pp collisions at $\sqrt{s} = 2.76, 5.02$ and 7 TeV. Nuclear, Elementary Particle and High-Energy Physics, 2014, 338, 1-5.	4.1	67
88	Suppression of $\rho(770)^0$ production in p-Pb collisions at $\sqrt{s_{NN}} = 2.76, 5.02$ and 7 TeV. Nuclear, Elementary Particle and High-Energy Physics, 2014, 338, 1-5.	4.1	67
89	Freeze-out radii extracted from three-pion cumulants in pp, p-Pb and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	4.1	45
90	Cross section and transverse single-spin asymmetry of mesons in pp collisions at $\sqrt{s} = 2.76, 5.02$ and 7 TeV. Nuclear, Elementary Particle and High-Energy Physics, 2014, 338, 1-5.	4.7	27

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91	Measurement of $\langle K_S^0 \rangle$ and $\langle K_S^0 \rangle$ in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 89, .	2.9	130
92	Multiparticle azimuthal correlations in $\langle p \rangle$ -Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	101
93	Azimuthal anisotropy of D^0 -meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	4.7	11
94	Low-mass vector-meson production at forward rapidity in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 89, .	2.9	51
95	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	4.7	68
96	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44
97	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.1	307
98	Multiplicity dependence of pion, kaon, proton and lambda production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	2.76	210
99	Multiplicity dependence of pion, kaon, proton and lambda production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	3.6	97
100	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	4.1	189
101	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	3.9	89
102	Measurement of quarkonium production at forward rapidity in $\sqrt{s_{NN}} = 7$ TeV pp collisions at $\sqrt{s_{NN}} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	4.1	171
103	Centrality, rapidity and transverse momentum dependence of $\langle p_T \rangle$ suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	1.2	40
104	Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector. Journal of Instrumentation, 2014, 9, P11003-P11003.	3.9	202
105	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.	7.8	270
106	Multiplicity dependence of the average transverse momentum in pp, p-Pb, and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	4.1	130
107	Long-range angular correlations of η , K and p in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	4.1	235

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109	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2662.	2.9	465
110	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
111	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
112	Charmonium and $e + e^+$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	3.9	203
113	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. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.1	171
114	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.1	51
115	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	4.1	156
116	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.1	154
117	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.1	561
118	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.1	46
119	Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.1	68
120	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	4.1	68
121	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.1	68
122	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	4.1	68
123	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	4.1	68
124	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	4.1	68
125	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	4.1	68
126	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	4.1	68

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127	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	7.8	58
128	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Reactions in Heavy-Ion Collisions, 2013, 111, 102301.	7.8	105
129	Neutron Reactions in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	67
130	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	171
131	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	1.2	189
132	Polarization in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb Collisions at Forward Rapidity. Physical Review Letters, 2013, 111, 102301.	7.8	99
133	Suppression of Λ and $\bar{\Lambda}$ Production at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	96
134	Suppression of Λ and $\bar{\Lambda}$ Production at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	194
135	Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	2.9	22
136	System size and energy dependence of near-side dihadron correlations. Physical Review C, 2012, 85, .	2.9	28
137	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, 2013, 111, 232302.	7.8	86
138	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	97
139	Suppression in Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	45
140	Measurement of electrons from semileptonic heavy-flavor hadron decays in $\sqrt{s_{NN}} = 2.76$ TeV collisions at mid-rapidity. Physical Review Letters, 2012, 108, 092301.	4.7	57
141	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
142	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
143	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
144	Measurement of prompt J/ψ 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

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145	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	4.8	104
146	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
147	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
148	Correlations in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 151-161.	4.1	28
149	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	4.1	133
150	Meson production at central rapidity in proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	188
151	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76, 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
152	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 265-275.	4.1	188
153	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 265-275.	4.1	188
154	Light vector meson production in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	45
155	Multistrange baryon production in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	93
156	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	139
157	Femtoscopic study of $\pi^+\pi^-$ correlations in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.7	93
160	Rapidity and transverse momentum dependence of inclusive Λ production in pp collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	115
161	Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9, 2.76, 7$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	140
162	Suppression of charged particle production at large transverse momentum 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

#	ARTICLE	IF	CITATIONS
163	<p>Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.</p> <p>Physical Review Letters, 2011, 107, 032301.</p>	4.1	235
164	<p>Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.</p> <p>Physical Review Letters, 2011, 107, 032301.</p>	7.8	507
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167	<p>Longitudinal scaling property of the charge-balance function in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.</p>	2.9	37
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183	mathvariant="normal">Cu</mml:mi><mml:mo>+</mml:mo><mml:mi>mathvariant="normal">Cu</mml:mi></mml:mrow></mml:math>collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mrow><mml:msub><mml:mi>s</mml:mi></mml:mi></mml:mrow><mml:mi>	2.9	55
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187	production at high transverse momentum in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">J \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">J \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">J \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">J$	2.9	32
188	at high transverse momenta in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">p$	2.9	81
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198	Energy and system size dependence of ρ meson production in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">N \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">N \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">N \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">N$	4.1	71

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