

# Christine Nattrass

## List of Publications by Year in descending order

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234  
papers

23,593  
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3731

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234  
all docs

234  
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times ranked

7754  
citing authors

#	ARTICLE	IF	CITATIONS
1	<p>Elliptic measurements of identified particle spectra in  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physical Review Letters, 2010, 105, 252302.</p>	2.9	714
2	<p>Elliptic Flow of Charged Particles in Pb-Pb Collisions at  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physical Review Letters, 2010, 105, 252302.</p>	7.8	659
3	<p>Central Charge and Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.</p>	4.1	561
4	<p>Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physical Review Letters, 2011, 106, 032301.</p>	7.8	507
5	<p>Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.</p>	1.5	486
6	<p>Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physical Review Letters, 2011, 107, 032301.</p>	7.8	482
7	<p>Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.</p>	2.9	465
8	<p>Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.</p>	4.1	433
9	<p>Azimuthal Charged-Particle Correlations and Possible Local Strong Parity Violation. Physical Review Letters, 2009, 103, 251601.</p>	7.8	424
10	<p>Transverse Momentum and Centrality Dependence of High-pT Nonphotonic Electron Suppression in Au+Au Collisions at <math>\sqrt{s_{NN}} = 200</math> GeV. Physical Review Letters, 2007, 98, 192301.</p>	7.8	379
11	<p>Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.</p>	4.1	307
12	<p>Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.</p>	7.8	296
13	<p>Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physical Review Letters, 2010, 105, 252301.</p>	7.8	296
14	<p>Higher Moments of Net Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2010, 105, 022302.</p>	7.8	278
15	<p>Production of strange particles in Pb-Pb collisions at  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physical Review Letters, 2010, 105, 022302.</p>	7.8	270
16	<p>Strange particle production in p+p collisions at <math>\sqrt{s} = 200</math> GeV. Physical Review C, 2007, 75, .</p>	2.9	267
17	<p>Centrality determination of Pb-Pb collisions at  <math display="block">\langle \mathcal{N} \rangle = \langle \mathcal{N} \rangle + \langle \mathcal{N} \rangle</math> </p> <p>Physical Review C, 2013, 88, .</p>	2.9	267
18	<p>Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, .</p>	2.9	263

#	ARTICLE	IF	CITATIONS
19	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
20	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	12.6	249
21	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, 2013, 726, 164-177.	4.1	235
22	Long-range angular correlations of $\pi$ K and $\pi$ n in $\sqrt{s_{NN}}=2.76$ TeV Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	4.1	235
23	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
24	Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions. Physical Review C, 2008, 77, .	2.9	220
25	Long range rapidity correlations and jet production in high energy nuclear collisions. Physical Review C, 2009, 80, .	2.9	220
26	Multi-strange baryon production at mid-rapidity in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 210-213.	4.1	210
27	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	4.1	201
28	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
29	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
30	Identified particle production, azimuthal anisotropy, and interferometry measurements in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	2.9	200
31	Suppression of $\pi$ production at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	7.8	194
32	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	1.2	189
33	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, 2013, 726, 210-213.	4.1	189
34	Harmonic decomposition of two particle angular correlations in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2013, 109, 252301.	4.1	188
35	Pion, kaon and proton production, elementary Pb-Pb collisions at High Energy Physics, 2012, 708, 249-264.	7.8	184
36	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review Letters, 2016, 116, 222302.	7.8	182

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37	<p>Direct Observation of Dijets in Central Au+Au Collisions at <math>\sqrt{s_{NN}}=200</math> GeV. Physical Review Letters, 2006, 97, 162301.</p> <p>Scaling Properties of Hyperon Production in Au+Au Collisions at <math>\sqrt{s_{NN}}=200</math> GeV. Physical Review Letters, 2007, 98, 062301.</p>	7.8	179
38	<p>Coherent <math>\pi^0</math> production in ultra-peripheral Pb+Pb collisions at <math>\sqrt{s_{NN}}=2.76</math> TeV. Physical Review C, 2015, 91, 014904.</p>	4.1	171
39	<p>Meson Elliptic Flow in Noncentral Pb-Pb Collisions at <math>\sqrt{s_{NN}}=2.76</math> TeV. Physical Review Letters, 2007, 98, 062301.</p>	7.8	171
40	<p>Centrality, rapidity and transverse momentum dependence of <math>\pi^0</math> production in Pb+Pb collisions at <math>\sqrt{s_{NN}}=2.76</math> TeV. Physical Review Letters, 2007, 98, 062301.</p>	4.1	171
41	<p>Suppression in Pb+Pb collisions at <math>\sqrt{s_{NN}}=2.76</math> TeV. Physical Review C, 2006, 73, .</p>	2.9	166
42	<p>Direct photon production in Pb+Pb collisions at <math>\sqrt{s_{NN}}=2.76</math> TeV. Physical Review Letters, 2016, 116, 132302.</p>	7.8	148
43	<p>Strange particle production in proton+proton collisions at <math>\sqrt{s}=0.9</math> TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.</p>	3.9	140
44	<p>Measurement of pion, kaon and proton production in proton+proton collisions at <math>\sqrt{s}=7</math> TeV. European Physical Journal C, 2015, 75, 226.</p>	3.9	149
45	<p>Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb+Pb collisions at <math>\sqrt{s_{NN}}=2.76</math> TeV. Physical Review C, 2010, 82, 054904.</p>	4.1	161
46	<p>Centrality dependence of the pseudorapidity density distribution for charged particles in Pb+Pb collisions at <math>\sqrt{s_{NN}}=2.76</math> TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.</p>	7.8	151
47	<p>Measurement of pion, kaon and proton production in proton+proton collisions at <math>\sqrt{s}=7</math> TeV. European Physical Journal C, 2015, 75, 226.</p>	3.9	149
48	<p>Anisotropic Flow of Charged Particles in Pb-Pb Collisions at <math>\sqrt{s_{NN}}=2.76</math> TeV. Physical Review Letters, 2016, 116, 132302.</p>	7.8	148
49	<p>Strange particle production in proton+proton collisions at <math>\sqrt{s}=0.9</math> TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.</p>	3.9	140
50	<p>Measurement of pion, kaon and proton production in proton+proton collisions at <math>\sqrt{s}=7</math> TeV. European Physical Journal C, 2015, 75, 226.</p>	3.9	149
51	<p>Measurement of pion, kaon and proton production in proton+proton collisions at <math>\sqrt{s}=7</math> TeV. European Physical Journal C, 2015, 75, 226.</p>	3.9	149
52	<p>Measurement of pion, kaon and proton production in proton+proton collisions at <math>\sqrt{s}=7</math> TeV. European Physical Journal C, 2015, 75, 226.</p>	3.9	149
53	<p>Measurement of charm production at central rapidity in proton-proton collisions at <math>\sqrt{s}=7</math> TeV. Journal of High Energy Physics, 2012, 2012, 1.</p>	4.7	139

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55	Forward Neutral Pion Transverse Single-Spin Asymmetries in $pp$ Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2016, 117, 182301.	7.8	138
56	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 117, 182301.	7.8	138
57	Production of $\Lambda$ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2015, 91, .	2.9	135
58	Production of $\Lambda$ and $\bar{\Lambda}$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2015, 91, .	2.9	135
59	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, 2012, 717, 162-172.	4.1	133
60	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
61	Multiparticle azimuthal correlations in p+Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
62	Production of light nuclei and anti-nuclei in p+Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	129
63	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
64	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
65	Measurements of meson production in relativistic heavy-ion collisions at the BNL Relativistic Heavy Ion Collider (RHIC). Physical Review C, 2007, 75, .	2.9	117
66	Rapidity and transverse momentum dependence of inclusive $\Lambda$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	115
67	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
68	Mass, quark-number, and $\sqrt{s_{NN}}$ dependence of the second and fourth flow harmonics in ultrarelativistic nucleus-nucleus collisions. Physical Review C, 2007, 75, .	2.9	112
69	Centrality dependence of low-momentum direct-photon production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2015, 91, .	2.9	112
70	Production of $\Lambda(892)^0$ and $\bar{\Lambda}(1020)$ in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
71	Multi-strange baryon production in p+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 389-401.	7.8	108
72	Strange Baryon Resonance Production in $\sqrt{s_{NN}} = 200$ GeV p+Au Collisions. Physical Review Letters, 2006, 97, 132301.	7.8	108

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73	Global polarization measurement in Au+Au collisions. Physical Review C, 2007, 76, .	2.9	107
74	Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	2.76	105
75	System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.	7.8	102
76	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
77	Azimuthal anisotropy of $D$ -meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 1-14.	2.9	101
78	Exclusive photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	100
79	Polarization in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	99
80	Enhanced strange baryon production in Au+Au collisions compared to pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	2.9	97
81	Particle-Yield Modification in Jetlike Azimuthal Hadron Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	97
82	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
83	Production of Muons from Heavy Flavor Decays at Forward Rapidity in Au+Au and Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	96
84	Measurement of Prompt $D$ -Meson Production in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	7.8	94
85	Reintroduction of charm quark production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 092301.	4.7	93
86	Production of charged pion, kaon, and (anti)proton production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	4.1	93
87	Indications of Conical Emission of Charged Hadrons at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2009, 102, 052302.	7.8	91
89	Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in $p$ - $p$ Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2008, 100, 232003.	7.8	89
90	Measurement of quarkonium production at forward rapidity in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89

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91	Production of $\Lambda$ baryons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.1	88
92	Transverse momentum dependence of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	88
93	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 105, 022301.	7.8	87
94	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, 105, 022301.	7.8	86
95	Multistrange baryon production in pp collisions at $\sqrt{s} = 7$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	7.8	85
96	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2016, 116, 012301.	4.1	82
97	Production of $\Lambda$ baryons in Pb-Pb collisions at high transverse momenta. Physical Review Letters, 2012, 109, 052301.	2.9	81
98	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	7.8	80
99	Production of $\Lambda$ baryons in Au-Au collisions at $\sqrt{s_{NN}} = 2.4$ GeV. Physical Review C, 2009, 80, 054907.	7.8	79
100	Transverse energy production and charged-particle multiplicity at midrapidity in various systems from 200 GeV. Physical Review C, 2016, 93, 054907.	2.9	78
101	Production of $\Lambda$ baryons at Very Low Transverse Momentum in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 052301.	7.8	77
102	Azimuthally anisotropic emission of low-momentum direct photons in Au + Au collisions at $\sqrt{s_{NN}} = 2.4$ GeV. Physical Review C, 2016, 94, 054907.	2.9	73
103	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
104	Energy and system size dependence of $\Lambda$ meson production in Au-Au collisions at $\sqrt{s_{NN}} = 2.4$ GeV. Physical Review C, 2009, 80, 054907.	4.1	71
105	Heavy flavor decay product production at forward rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	7.8	70
106	Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	7.8	69
107	Production of $\Lambda$ baryons in Au-Au collisions at $\sqrt{s_{NN}} = 2.4$ GeV. Physical Review C, 2009, 80, 054907.	7.8	68
108	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 262-272.	4.1	68

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109	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
110	Net-Charge Fluctuations in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 152301.	7.8	67
111	Measurement of higher cumulants of net-charge multiplicity distributions in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 152301.	4.1	67
112	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	2.9	67
113	Azimuthal dihadron correlations in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review D, 2006, 74, 014005.	2.9	64
114	Production of inclusive $\Lambda(1520)$ and $\Lambda(2280)$ in p+Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 340, 105-117.	2.9	61
115	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
116	Multiplicity dependence of inclusive pT spectra from p+Pb collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review D, 2006, 74, 014005.	4.7	60
117	Production of inclusive $\Lambda(1520)$ and $\Lambda(2280)$ in p+Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 340, 105-117.	2.9	60
118	Production of inclusive $\Lambda(1520)$ and $\Lambda(2280)$ in p+Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 340, 105-117.	4.1	60
119	Meson production at central rapidity in proton-proton collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	7.8	58
120	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
121	Directed Flow of Charged Particles at Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	7.8	58
122	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	58
123	Hadronic resonance production in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2013, 111, 232302.	4.7	57
124	Hadronic resonance production in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2013, 111, 232302.	2.9	55
125	Hadronic resonance production in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2013, 111, 232302.	2.9	55
126	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



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127	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \tilde{\epsilon} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Fluctuations at Relativistic Energies. Physical Review Letters, 2009, 103, 092301.	7.8	53
128	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, .	2.9	53
129	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	4.1	51
130	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the CERN Large Hadron Collider. Physical Review C, 2014, 89, .	2.9	51
131	$\langle \text{mml:math} \rangle$ $\langle \text{mml:mi} \rangle$ $\langle \text{mml:mi} \rangle$ -correlations in central Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2007, 75, .	2.9	50
132	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
133	Pion interferometry in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}} = 62.4$ and 200 GeV. Physical Review C, 2009, 80, .	2.9	49
134	Measurement of charged jet production cross sections and nuclear modification in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 68-81.	4.1	49
135	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
136	Centrality-Dependent Modification of Jet-Production Rates in Deuteron-Gold Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 122301.	7.8	48
137	Production of mesons in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	2.9	47
138	Charge correlations using the balance function in $\text{Pb-Pb}$ 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	46
139	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	2.9	46
140	Suppression of meson production in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	2.9	45
141	Suppression of meson production in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 92, .	7.8	45
142	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
143	Freeze-out radii extracted from three-pion cumulants in pp, $\text{Pb-Pb}$ and $\text{Pb-Pb}$ collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	4.1	45
144	Forward-central two-particle correlations in $\text{Pb-Pb}$ collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 126-139.	4.1	45

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145	ment measurements of the $\left( \frac{K}{U} \right)^{0.784314} \frac{rgBT}{Overlock} \frac{10 Tf}{50 747 Td}$ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"<math>K</math> stretchy="false"></math>	Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (stretchy="false")	

#	ARTICLE	IF	CITATIONS
163	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
164	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	4.9	36
165	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	4.9	36
166	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2006, 74, .	2.9	35
167	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	35
168	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
169	Measurement of $\eta$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	2.9	34
170	The energy dependence of ptangular 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
171	Measurement of $\eta$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	5.02	33
172	Differential studies of inclusive $J/\psi$ 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
173	Measurement of $\eta$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 38-50.	5.02	33
174	Production of $\eta$ and direct photon production 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, 2015, 741, 38-50.	2.9	32
175	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, 1.	3.9	32
176	Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 336, 67-100.	4.1	32
177	Single electron yields in high energy proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	32
178	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
179	Inclusive, prompt and non-prompt $J/\psi$ 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
180	Coherent $\eta$ 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

#	ARTICLE	IF	CITATIONS
181	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pPb, and PbPb collisions at the LHC. <i>European Physical Journal C</i> , 2016, 76, 86.	3.9	30
182	Particle identification in ALICE: a Bayesian approach. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	29
183	System size and energy dependence of near-side dihadron correlations. <i>Physical Review C</i> , 2012, 85, .	2.9	28
184	Centrality dependence of inclusive $J/\psi$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	28
185	Charged bion femtoscopy correlations in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	27
186	Cross section and transverse single-spin asymmetry of mesons in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	27
187	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2014, 90, .	4.1	27
188	Search for weakly decaying exotically bound states in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2014, 90, .	4.1	27
189	Measurement of parity-violating spin asymmetries in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review D</i> , 2015, 91, .	2.9	25
190	Measurement of electrons from semileptonic heavy-flavor hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review D</i> , 2015, 91, .	2.9	25
191	Measurement of parity-violating spin asymmetries in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review D</i> , 2015, 91, .	4.7	25
192	Multipion Bose-Einstein correlations in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2014, 90, .	4.7	25
193	Multipion Bose-Einstein correlations in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review C</i> , 2014, 90, .	2.9	25
194	Suppression of $\Upsilon(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	24
195	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters</i> , 2016, 753, 41-56.	4.1	23
196	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters</i> , 2016, 753, 41-56.	4.1	23
197	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters</i> , 2016, 753, 41-56.	4.1	23
198	Suppression of $\Upsilon(2S)$ production in Au-Au collisions at forward rapidity. <i>Physical Review C</i> , 2014, 90, .	2.9	22

#	ARTICLE	IF	CITATIONS
199	Longitudinal scaling property of the charge balance function in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2010, 82, .	4.1	20
200	Strangelet search in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 76, .	4.7	20
201	Measurement of dijet production in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	2.9	19
202	Heavy-quark production and elliptic flow in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.1	19
203	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
204	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
205	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
206	Longitudinal spin transfer to hyperons in polarized proton-proton collisions at $\sqrt{s_{NN}}=2.76$ TeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 615, 6-13.	4.7	17
207	Spectra of identified high- $p_T$ particles in ultraperipheral heavy-ion collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2010, 81, .	1.6	17
208	Systematic study of charged-pion and kaon femtoscopy in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2015, 92, .	2.9	16
209	Elastic properties of $\text{LaSn}_x\text{Ni}_5\text{As}_x$ compounds. Journal of Applied Physics, 2004, 95, 1089-1095.	2.5	15
210	System size dependence of associated yields in hadron-triggered jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	4.1	15
211	Nuclear matter effects on $\Lambda/\bar{\Lambda}$ production in asymmetric Cu+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2014, 90, .	2.9	15
212	Two-particle correlations on transverse momentum and momentum dissipation in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 799-816.	3.6	14

#	ARTICLE	IF	CITATIONS
217	Scaling properties of fractional momentum loss of high- $p_T$ particles in nucleus-nucleus collisions at rapidity and species dependence of particle production at large transverse momentum for	2.9	14
218	Production of $D$ mesons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2015, 92, .	2.9	13
219	$D$ -meson production in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2015, 92, .	2.9	13
220	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
221	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
222	Temperature dependence of the elastic moduli of polycrystalline $\text{LaAl}_x\text{Ni}_5$ and $\text{LaSn}_x\text{Ni}_5$ . Journal of Alloys and Compounds, 2004, 376, 139-144.	5.5	11
223	System and energy dependence of strange and non-strange particle correlations in STAR at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104110.	3.6	11
224	Low-mass vector-meson production at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2014, 90, .	4.7	11
225	Disappearance of the Mach cone in heavy-ion collisions. Physical Review C, 2016, 94, .	2.9	11
226	Production of $D$ mesons in the forward/backward rapidity region in Cu + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2016, 93, .	2.9	10
227	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
228	Background subtraction methods for precision measurements of di-hadron and jet-hadron correlations in heavy ion collisions. Physical Review C, 2016, 93, .	2.9	9
229	Forward $D$ production in U + U collisions at $\sqrt{s_{NN}} = 193$ GeV. Physical Review C, 2016, 93, .	2.9	7
230	System size dependence of strange particle correlations in Cu + Cu and Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV in STAR at RHIC. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 044063.	3.6	6
231	Production of $D$ mesons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2016, 93, .	2.9	4
232	Near-side azimuthal and pseudorapidity correlations using neutral strange baryons and mesons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2016, 94, .	2.9	3
233	Energy and system dependence of high- $p_T$ triggered two-particle near-side correlations. European Physical Journal C, 2009, 62, 265-269.	3.9	2
234	Measurements of Jets in ALICE. Acta Physica Polonica B, 2016, 47, 1543.	0.8	1