

Krzysztof Redlich

List of Publications by Year in descending order

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Version: 2024-02-01

475
papers

33,352
citations

2423

97
h-index

5519

163
g-index

478
all docs

478
docs citations

478
times ranked

8537
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALICE experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08002-S08002.	0.5	811
2	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302. and away side in pAePb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	2.9	659
3	Elliptic flow 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, 719, 29-41.	1.5	561
4	Hadron production in AuAu collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 518, 41-46.	1.5	528
5	Comparison of chemical freeze-out criteria in heavy-ion collisions. Physical Review C, 2006, 73, .	1.1	520
6	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.	2.9	507
7	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	0.5	486
8	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.	2.9	482
9	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.	1.1	465
10	Decoding the phase structure of QCD via particle production at high energy. Nature, 2018, 561, 321-330.	18.7	452
11	ALICE: Physics Performance Report, Volume II. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1295-2040.	1.4	441
12	Suppression of charged particle production at large transverse momentum in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	1.5	433
13	Enhanced production of multi-strange hadrons in high-multiplicity protonproton collisions. Nature Physics, 2017, 13, 535-539.	6.5	399
14	Thermodynamics of two flavor QCD to sixth order in quark chemical potential. Physical Review D, 2005, 71, .	1.6	391
15	Features of particle multiplicities and strangeness production in central heavy ion collisions between 1.7A and 158A GeV/c. Physical Review C, 2001, 64, .	1.1	318
16	Chemical and thermal freeze-out parameters from 1A to 200A GeV. Physical Review C, 1999, 60, .	1.1	309
17	Multiplicity dependence of pion, kaon, proton and lambda production in pAePb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	1.5	307
18	Centrality dependence of charged particle production at large transverse momentum in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	1.5	301

#	ARTICLE	IF	CITATIONS
19	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	2.9	296
20	Unified Description of Freeze-Out Parameters in Relativistic Heavy Ion Collisions. Physical Review Letters, 1998, 81, 5284-5286.	2.9	295
21	Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	2.9	270
22	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE. Physical Review C, 2013, 88, .	1.1	267
23	Heavy-ion collisions at the LHC – Last call for predictions. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 054001.	1.4	255
24	Hadron resonance mass spectrum and lattice QCD thermodynamics. European Physical Journal C, 2003, 29, 549-556.	1.4	254
25	Probing freeze-out conditions in heavy ion collisions with moments of charge fluctuations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 136-142.	1.5	237
26	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.	1.5	235
27	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 164-177.	1.5	235
28	Statistical hadronization of charm in heavy-ion collisions at SPS, RHIC and LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 571, 36-44.	1.5	233
29	Hadronic fluctuations at the QCD phase transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 275-282.	1.5	230
30	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.	1.6	228
31	Susceptibilities and the phase structure of a chiral model with Polyakov loops. Physical Review D, 2007, 75, .	1.6	227
32	Thermodynamics at non-zero baryon number density: a comparison of lattice and hadron resonance gas model calculations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 571, 67-74.	1.5	221
33	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.	1.4	212
34	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, 2014, 728, 216-227.	1.5	210
35	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.	1.4	209
36	Fluctuations as probe of the QCD phase transition and freeze-out in heavy ion collisions at LHC and RHIC. European Physical Journal C, 2011, 71, 1.	1.4	207

#	ARTICLE	IF	CITATIONS
37	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 110, 012301.	1.4	203
38	Charmonium and $e + e \hat{e}$ 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.	1.4	202
39	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.	1.4	199
40	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.	1.4	194
41	Production rate of hard thermal photons and screening of quark mass singularity. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 433-438.	1.5	194
42	Suppression at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	2.9	189
43	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	0.5	189
44	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, 2011, 736, 196-207.	1.5	188
45	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	2.9	184
46	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	2.9	182
47	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.	1.8	180
48	Centrality dependence of the charged-particle multiplicity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2015, 91, .	0.6	179
49	Hadron production in ultra-relativistic nuclear collisions: Quarkyonic matter and a triple point in the phase diagram of QCD. Nuclear Physics A, 2010, 837, 65-86.	0.3	176
50	Confronting LHC data with the statistical hadronization model. Journal of Physics: Conference Series, 2014, 509, 012019.	0.5	171
51	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. Journal of Instrumentation, 2010, 5, P03003-P03003.	1.5	171
52	Coherent photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 072301.	2.9	171
53	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	1.5	171
54	Centrality, rapidity and transverse momentum dependence of $\langle v_2 \rangle$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	1.5	171

#	ARTICLE	IF	CITATIONS
55	Direct photon production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.		163
56	Maximum relative strangeness content in heavy-ion collisions around 30 GeV. Nuclear Physics A, 2002, 697, 902-912.	0.6	162
57	Statistical hadronization of heavy quarks in ultra-relativistic nucleus-nucleus collisions. Nuclear Physics A, 2007, 789, 334-356.	0.6	161
58	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	156
59	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	155
60	Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Nuclear Physics A, 2007, 789, 334-356.	2.9	155
61	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	154
62	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	1.4	153
63	Transverse Momentum Distributions and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Nuclear Physics A, 2007, 789, 334-356.	2.9	151
64	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 226.	1.4	149
65	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	148
66	Canonical description of strangeness enhancement from Au to Pb collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 61-66.	1.5	146
67	The thermal model on the verge of the ultimate test: particle production in Pb-Pb collisions at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124081.	1.4	142
68	Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	1.4	140
69	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2016, 116, 132302.	2.9	138
70	Centrality dependence of particle production in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Nuclear Physics A, 2007, 789, 334-356.	1.1	135
71	Neutral pion and η meson production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	1.5	133

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73	Influence of impact parameter on thermal description of relativistic heavy ion collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 1999, 59, 1663-1673.	1.1	130
74	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.	1.5	130
75	Multiparticle azimuthal correlations in Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	1.1	130
76	Vacuum fluctuations and the thermodynamics of chiral models. Physical Review D, 2010, 82, .	1.6	129
77	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	1.1	129
78	Quark number fluctuations in the Polyakov loop-extended quark-meson model at finite baryon density. Physical Review C, 2011, 83, .	1.1	126
79	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1385)^{\pm}$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7$ GeV. European Physical Journal C, 2015, 75, 1.	1.4	125
80	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. European Physical Journal C, 2010, 65, 111-125.	1.4	124
81	Meson fluctuations and thermodynamics of the Polyakov-loop-extended quark-meson model. Physical Review C, 2010, 82, .	1.1	120
82	Quarkyonic matter and chiral symmetry breaking. Nuclear Physics A, 2009, 824, 86-100.	0.6	119
83	Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	118
84	Rapidity and transverse momentum dependence of inclusive production in pp collisions at $\sqrt{s} = 7$ GeV. Physical Review C, 2012, 85, 014907.	1.5	115
85	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.	1.6	115
86	Bulk viscosity in quasiparticle models. Physical Review C, 2009, 79, .	1.1	113
87	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s} = 7$ GeV. European Physical Journal C, 2012, 72, 1.	1.4	111
88	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.	1.5	111
89	Phase transitions in the statistical bootstrap model with an internal symmetry. Zeitschrift für Physik C-Particles and Fields, 1980, 5, 201-204.	1.5	107
90	Volume fluctuations and higher-order cumulants of the net baryon number. Physical Review C, 2013, 88, .	1.1	106

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91	PARTICLE PRODUCTION IN HEAVY ION COLLISIONS. , 2004, , 491-599. 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.		106
92	Statistical thermodynamics in relativistic particle and ion physics: Canonical or grand canonical?. Zeitschrift für Physik C-Particles and Fields, 1985, 27, 541-551.	1.5	105
93	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	1.4	101
94	Azimuthal anisotropy of D -meson production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 90, .	1.1	101
95	Scaling properties of the energy density in SU(2) lattice gauge theory. Nuclear Physics B, 1995, 435, 295-310.	0.9	100
96	Exclusive photoproduction off Protons in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	2.9	100
97	Polarization in p -Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	2.9	99
98	Antimatter production in proton-proton and heavy-ion collisions at ultrarelativistic energies. Physical Review C, 2011, 84, .	1.1	98
99	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.	2.9	97
100	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	1.4	97
101	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. Production of Muons from Heavy Flavor Decays in Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	1.6	97
102	Production of Muons from Heavy Flavor Decays in Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	2.9	96
103	Transport coefficients near chiral phase transition. Nuclear Physics A, 2010, 832, 62-75. Measurement of Prompt D -Meson Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	0.6	95
104	Femtoscopy of D -Meson Production in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, .	2.9	94
105	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2011, 84, .	1.6	93
106	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2011, 84, .	1.5	93
107	Multiplicity dependence 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.	1.5	93
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109	\sqrt{s} suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 212-224.		92
110	Quark number fluctuations in a chiral model at finite baryon chemical potential. Physical Review D, 2007, 75, .	1.6	91
111	Measurement of quarkonium production at forward rapidity in $\sqrt{s_{NN}} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	1.4	89
112	Production of K^0_S and ϕ (1020) in Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 245.	1.4	89
113	Multiplicity dependence of light-flavor hadron production in collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.1	89
114	Inclusive production in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 295-306.	1.5	88
115	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.	1.6	88
116	Evidence for charmonium generation at the phase boundary in ultra-relativistic nuclear collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 259-261.	1.5	87
117	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 C, 2010, 81, 054907.	1.7	87
118	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 87, 054907.	2.9	86
119	Multiplicity dependence of ϕ production at $\sqrt{s_{NN}} = 7$ TeV with ALICE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 713, 300-310.	1.5	86
120	and ϕ meson production at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, .	1.1	86
121	On the phenomenology of deconfinement and chiral symmetry restoration. Zeitschrift für Physik C-Particles and Fields, 1986, 33, 151-156.	1.5	83
122	Canonical description of strangeness conservation and particle production. Zeitschrift für Physik C-Particles and Fields, 1991, 51, 137-141.	1.5	82
123	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s_{NN}} = 13$ TeV. Physical Review C, 2016, 93, 054907.	1.5	82
124	Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physical Review Letters, 2018, 120, 102301.	2.9	80
125	Transition from baryonic to mesonic freeze-out. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 615, 50-54.	1.5	77
126	Measurement of an Excess in the Yield of ϕ Mesons at Very Low Transverse Momentum in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 95, .	2.9	77

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127	The onset of deconfinement in SU(2) lattice gauge theory. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1989, 42, 341-347.	1.5	76
128	Anisotropic flow in Xe-Xe collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 784, 82-95.	1.5	76
129	Production of deuterons, tritons, and their antinuclei in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Nuclear Physics A</i> , 2018, 971, 1-20.	0.6	74
130	Transverse-momentum distribution of dileptons in different scenarios for the QCD phase transition. <i>Physical Review D</i> , 1987, 35, 2153-2165.	1.6	72
131	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014, 74, 1.	1.4	72
132	Production of deuterons, tritons, and their antinuclei in Au-Au collisions at forward rapidity in proton-proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 722, 262-272.	1.1	71
133	Elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 722, 262-272.	2.9	69
134	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	68
135	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 567-577.	1.5	68
136	Midrapidity Antiproton-to-Proton Ratio in Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV Measured by the ALICE Experiment. <i>Physical Review Letters</i> , 2010, 105, 072002.	2.9	67
137	Suppression of χ_c production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 166-179.	1.5	67
138	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. <i>Physical Review Letters</i> , 2019, 123, 112002.	2.9	66
139	Charmonium and open charm production in nuclear collisions at SPS/FAIR energies and the possible influence of a hot hadronic medium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 659, 149-155.	1.5	65
140	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 166-179.	2.9	64
141	Suppression of χ_c production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 166-179.	1.5	64
142	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. <i>Physical Review Letters</i> , 2019, 123, 142301.	2.9	64
143	Charmonium and open charm production in nuclear collisions at SPS/FAIR energies and the possible influence of a hot hadronic medium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 659, 149-155.	1.5	65
144	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 166-179.	2.9	64

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145	Study of the $b\bar{c}$ interaction with femtoscopy correlations in $p\bar{p}$ collisions at the LHC. Physics Letters, 2017, 371, 1-6. $p\bar{p}$ collisions at the LHC. Physics Letters, 2017, 371, 1-6.	1.5	64
146	Chiral phase transition in the presence of spinodal decomposition. Physical Review D, 2008, 77, 045001.	1.1	64
147	Statistical model predictions for particle ratios at $\sqrt{s_{NN}}=5.5$ TeV. Physical Review C, 2006, 74, 014901.	1.1	63
148	Density Fluctuations in the Presence of Spinodal Instabilities. Physical Review Letters, 2007, 99, 232301.	2.9	63
149	Chiral phase transition in the presence of spinodal decomposition. Physical Review D, 2008, 77, 045001.	1.6	62
150	Charged-particle multiplicities in proton-proton collisions at $\sqrt{s} = 0.9$ to 8 TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
151	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	62
152	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 35-48.		
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290	Net baryon number probability distribution near the chiral phase transition. European Physical Journal C, 2014, 74, 1.	1.4	25
291	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2015, 91, .	1.6	25
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