

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	Exact strangeness conservation in heavy ion collisions. EPJ Web of Conferences, 2022, 259, 07002.	0.1	0
2	Reconciling Multi-messenger Constraints with Chiral Symmetry Restoration. Astrophysical Journal Letters, 2022, 925, L23.	3.0	11
3	Chiral symmetry restoration and $\langle S \rangle$ matter formation in neutron stars. Physical Review D, 2022, 105, .	1.6	9
4	Multiplicity dependence of (multi)strange baryons in the canonical ensemble with phase shift corrections. Physical Review C, 2021, 103, .	1.1	23
5	Interplay between chiral dynamics and repulsive interactions in hot hadronic matter. Physical Review D, 2021, 103, .	1.6	5
6	Fluctuations of the order parameter in an $S U(N_c)$ Tj ETQq0 0 0 rgBT /Over	1.6	9
7	The multiple-charm hierarchy in the statistical hadronization model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	28
8	Multiplicity dependence of light (anti-)nuclei production in $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135043.	1.5	27
9	Deconfinement in the presence of a strong magnetic field. Physical Review D, 2020, 102, .	1.6	3
10	Net-proton number fluctuations in the presence of the QCD critical point. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 045102.	1.4	5
11	Measurement of jet radial profiles in $\sqrt{s_{NN}} = 2.76$ TeV. Production of the χ meson in $\sqrt{s_{NN}} = 2.76$ TeV.	1.5	7
12	Production of the χ meson in $\sqrt{s_{NN}} = 2.76$ TeV. and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	1.1	20
13	Fourier coefficients of the net baryon number density and chiral criticality. Physical Review D, 2019, 100, .	1.6	5
14	Quark-flavor dependence of the shear viscosity in a quasiparticle model. Physical Review D, 2019, 100, .	1.6	16
15	Charged-particle pseudorapidity density at mid-rapidity in $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	12
16	Parity Doubling in QCD Thermodynamics. Proceedings (mdpi), 2019, 13, .	0.2	1
17	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66
18	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	0.5	8

#	ARTICLE	IF	CITATIONS
19	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.	1.4	49
20	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.	1.6	9
21	Measurement of $\langle \mathbf{p}_T \rangle$ vs $\langle N \rangle$ correlations in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	2.9	38
22	Investigation of Anisotropic Flow Using Multiparticle Azimuthal Correlations in $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134836.	2.9	64
23	Parity Doubling and the Dense-Matter Phase Diagram under Constraints from Multi-Messenger Astronomy. Universe, 2019, 5, 180.	0.9	20
24	One-dimensional charged kaon femtoscopy in $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134836.	1.1	7
25	Exploring chiral symmetry restoration in heavy-ion collisions with fluctuation observables. Nuclear Physics A, 2019, 982, 295-298.	0.6	0
26	Parity doubling of baryons in QCD thermodynamics. Nuclear Physics A, 2019, 982, 219-222.	0.6	1
27	Study of the $\Lambda \bar{\Lambda}$ interaction with femtoscopy correlations in $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	1.5	64
28	Transverse momentum distributions of charmonium states with the statistical hadronization model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134836.	1.5	51
29	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	1.5	37
30	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.	1.6	11
31	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.	1.6	4
32	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	1.5	37
33	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	1.5	28
34	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	1.5	28
35	Pourier coefficients of the net baryon number density and their scaling properties near a phase transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 19-25.	1.5	7
36	Analysis of the apparent nuclear modification in peripheral Pb-Pb collisions at 5.02 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 420-432.	1.5	17

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37	Multiplicity dependence of $\langle n \rangle$ di-lepton production in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 304-309.	1.5	27
38	Measurement of $\langle n \rangle$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	1.4	43
40	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s} = 7$ TeV pp and $\sqrt{s_{NN}} = 5.02$ TeV Pb-Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
41	The thermal proton yield anomaly in Pb-Pb collisions at the LHC and its resolution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 304-309.	1.5	53
42	Energy dependence of exclusive $\langle n \rangle$ photoproduction off protons in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	34
43	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	3.0	14
44	Direct photon production at low transverse momentum in proton-proton collisions at $s = 2.76$ and 8 TeV. Physical Review C, 2019, 99, .	1.1	19
45	Measurement of di-lepton production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.1	64
46	Measurement of dilepton production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2019, 99, .	1.1	20
47	Multiplicity dependence of light-flavor hadron production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	1.1	89
48	Relative particle yield fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	15
50	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	16
51	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2019, 122, 072301.	2.9	18
52	Study of $\langle n \rangle$ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
53	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2019, 99, .	1.6	9
54	Measurement of prompt D0, D+, D*+, and $\langle n \rangle$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18

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55	Measurement of charged jet cross section in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2010, 105, 152301.	1.6	8
56	Two-particle differential transverse momentum and number density correlations in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2019, 100, 054907.	1.1	10
57	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	1.5	62
58	Direct photon elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	1.5	62
59	Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $\sqrt{s_{NN}} = 1.36$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	1.5	67
60	Transverse momentum spectra and nuclear modification factors of charged particles in Xe-Xe collisions at $\sqrt{s_{NN}} = 1.36$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 166-179.	1.5	67
61	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 1.	1.6	14
62	Measurement of the inclusive isolated photon production cross section in $\sqrt{s_{NN}} = 7$ TeV collisions at the LHC. European Physical Journal C, 2019, 79, 1.	1.4	8
63	Searching for the QCD Critical Point with Net-Proton Number Fluctuations. Ukrainian Journal of Physics, 2019, 64, 766.	0.1	0
64	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 121, 052301.	1.1	15
65	Production of ^4He and $^4\bar{\text{He}}$ nuclei, and their antinuclei in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2018, 121, 052301.	1.1	71
66	Production of ^4He and $^4\bar{\text{He}}$ nuclei, and their antinuclei in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2018, 121, 052301.	0.6	74
67	Production of ^4He and $^4\bar{\text{He}}$ nuclei, and their antinuclei in $\sqrt{s_{NN}} = 2.76$ TeV Pb-Pb collisions at the LHC. Physical Review Letters, 2018, 121, 052301.	1.5	12
68	First measurement of jet mass in Pb-Pb and p-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 249-264.	1.5	39
69	Meson Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 121, 052301.	2.9	80
70	The ALICE Transition Radiation Detector: Construction, operation, and performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 881, 88-127.	0.7	17
71	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2018, 1.	1.6	7
72	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2018, 98, .	1.1	13

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73	Chiral symmetry restoration by parity doubling and the structure of neutron stars. Physical Review D, 2018, 98, .	1.6	40
74	Measurement of D_0 , 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.	1.6	54
75	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
76	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.	1.6	97
77	Polyakov loop fluctuations in the presence of external fields. Physical Review D, 2018, 97, .	1.6	5
78	Overlap between Lattice QCD and HRG with in-medium effects and parity doubling. EPJ Web of Conferences, 2018, 171, 05001.	0.1	2
79	Dielectron production in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
80	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ and 2.76 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	55
81	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
82	Neutral pion and η meson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ s NN. European Physical Journal C, 2018, 78, 1.	1.4	31
83	Decoding the phase structure of QCD via particle production at high energy. Nature, 2018, 561, 321-330.	13.7	452
84	Inclusive J/ψ production in Xe-Xe collisions at $\sqrt{s_{\mathrm{NN}}}=5.44$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 419-428.		
85	ϕ meson production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ s NN. European Physical Journal C, 2018, 78, 1.	1.4	3
86	Anisotropic flow of identified particles in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
87	Λ^0 production in pp collisions at $\sqrt{s}=7$ TeV and in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
88	Constraints on jet quenching in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 95-113.	1.5	28
89	Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 320-331.	1.5	1
90	Prompt and non-prompt $\psi(2S)$ production and nuclear modification at mid-rapidity in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	16

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91	Anisotropic flow in XeXe collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 82-95.	1.5	76
92	S-matrix analysis of the baryon electric charge correlation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 454-458.	1.5	39
93	π^0 and η meson production in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	34
94	Longitudinal asymmetry and its effect on pseudorapidity distributions in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 20-32.	1.5	4
95	Search for collectivity with azimuthal J/ψ -hadron correlations in high multiplicity pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 7-20.	1.5	5
96	Measurement of Z0-boson production at large rapidities in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 372-383.	1.5	7
98	Scaling violation and the magnetic equation of state in chiral models. Physical Review D, 2017, 95, .	1.6	4
99	J/ψ suppression at forward rapidity in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of Physics: Conference Series, 2017, 779, 012012.	0.3	92
100	Production of muons from heavy-flavour hadron decays in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	1.5	6
101	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. Nature Physics, 2017, 13, 535-539.	6.5	399
102	Hadron yields, the chemical freeze-out and the QCD phase diagram. Journal of Physics: Conference Series, 2017, 779, 012012.	0.3	30
103	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
104	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at $\sqrt{s} = 7$ TeV and pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 245.	1.4	23
105	Production of π^0 and η mesons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	1.5	6
106	W and Z boson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 1.	1.6	13
107	Production of π^0 and η mesons in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 459-472.	1.5	6
108	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, .	1.1	10

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109	Multi-strange hadrons and the precision extraction of QGP properties in the RHIC-BES domain. Journal of Physics: Conference Series, 2017, 779, 012045.	0.3	2
110	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 102301.	2.9	13
111	Measurement of the production of high-pT electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 467-481.	1.5	24
112	Effects of ρ -meson width on pion distributions in heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 509-512.	1.5	27
113	Repulsive interactions and their effects on the thermodynamics of a hadron gas. Physical Review C, 2017, 96, .	1.1	25
114	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 567-577.	1.5	68
115	and K^0_S meson production at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, 014907.	1.1	86
116	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
117	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 119, 242301.	2.9	45
118	Relating quark confinement and chiral symmetry breaking in QCD. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 124001.	1.4	16
119	Linear and non-linear flow mode in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 68-80.	1.5	50
120	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
121	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. Physical Review Letters, 2017, 118, 162302.	2.9	8
122	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	6
123	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2017, 118, 222301.	2.9	12
124	Production of π^0 and η mesons up to high transverse momentum in pp collisions at 2.76 TeV. European Physical Journal C, 2017, 77, 339.	1.4	28
125	Energy dependence of forward-rapidity ψ and $\psi(2S)$ production in pp collisions at the LHC. European Physical Journal C, 2017, 77, 392.	1.4	50
126	Production of $\Sigma(1385)^{\pm}$. European Physical Journal C, 2017, 77, 389.	1.4	36

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127	Determination of the event collision time with the ALICE detector at the LHC. European Physical Journal Plus, 2017, 132, 1.	1.2	44
128	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2017, 96, .	1.1	47
129	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at $\sqrt{s} = s = 0.9, 7, \text{ and } 8$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	32
130	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
131	Baryon number fluctuations in chiral effective models and their phenomenological implications. Physical Review D, 2017, 96, .	1.6	41
132	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.	1.4	31
133	Ratios of strange hadrons to pions in collisions of large and small nuclei. European Physical Journal C, 2017, 77, 1.	1.4	5
134	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV at the LHC. European Physical Journal C, 2017, 77, 1.	1.4	40
135	Some Relations for Quark Confinement and Chiral Symmetry Breaking in QCD. EPJ Web of Conferences, 2017, 137, 04003.	0.1	2
136	Thermal model for small systems. EPJ Web of Conferences, 2017, 138, 01014.	0.1	0
137	Relativistic second-order dissipative fluid dynamics at finite chemical potential. EPJ Web of Conferences, 2016, 120, 03008.	0.1	1
138	Analytical Formulae linking Quark Confinement and Chiral Symmetry Breaking. EPJ Web of Conferences, 2016, 126, 04016.	0.1	0
139	Particle identification in ALICE: a Bayesian approach. European Physical Journal Plus, 2016, 131, 1.	1.2	29
140	production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 319-329.	1.1	47
141	Jet-like correlations with neutral pion triggers in pp and central Pb-Pb collisions at 2.76 TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 238-250.	1.5	20
142	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s} = 0.9, 7, \text{ and } 8$ TeV. European Physical Journal C, 2017, 77, 1.	1.5	82
143	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. High Energy Physics, 2016, 753, 41-56.	1.5	23
144	and H^+ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. High Energy Physics, 2016, 753, 41-56.	1.5	23

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145	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.	1.9	18
146	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, pA, and Pb-Pb collisions at the LHC. European Physical Journal C, 2016, 76, 86.	1.4	30
147	Confronting fluctuations of conserved charges in central nuclear collisions at the LHC with predictions from Lattice QCD. Nuclear Physics A, 2016, 956, 805-808.	0.6	5
148	Pseudorapidity dependence of the anisotropic 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, 2016, 762, 376-388.	1.5	93
149	Momentum in pA-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 720-735.	0.6	0
150	Heavy-light flavor correlations and the QCD phase boundary. Nuclear Physics A, 2016, 956, 365-368.	0.6	0
151	Modeling chiral criticality and its consequences for heavy-ion collisions. Nuclear Physics A, 2016, 956, 356-359.	0.6	1
152	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 94, .	1.1	10
153	Thermodynamics of the low-density excluded-volume hadron gas. Physical Review C, 2016, 93, .	1.1	10
154	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	2.9	77
155	The Yield of 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, 2016, 93, .	1.1	129
156	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, 2016, 93, .	1.1	36
157	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2016, 93, .	1.1	25
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161	Multipion Bose-Einstein correlations in p and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	148
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164	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.	2.9	138
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166	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.	1.6	18
167	Differential studies of inclusive J/ψ and $\tilde{\chi}(2S)$ production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	33
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170	Centrality dependence of charged jet production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2016, 76, 271.	1.4	31
171	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.	1.6	10
172	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.	1.6	19
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174	Search for weakly decaying $\tilde{\chi}$ in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	27
175	Direct photon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	23
176	Multistrange baryon production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 235-248.	1.5	163
177	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 184.	1.4	111
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179	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 373-385.	1.5	45
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186	Relativistic second-order dissipative hydrodynamics at finite chemical potential. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 548-552.	1.5	42
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197	Coherent $\rho(770)$ photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
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208	Measurement of dijet production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	1.5	19
209	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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226	Beauty production in pp collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 97-108.	1.5	32
227	Beauty production in pp collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV measured via semi-electronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 97-108.	1.5	67
228	Freeze-out radii extracted from three-pion cumulants in pp, Pb-Pb and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	1.5	45
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233	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 89, .	1.1	51
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244	Confronting LHC data with the statistical hadronization model. Journal of Physics: Conference Series, 2014, 509, 012019.	0.3	176
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267	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	2.9	69
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