

Adam Kisiel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

595
papers

40,147
citations

106
h-index

178
g-index

619
ext. papers

45,352
ext. citations

4.7
avg, IF

6.37
L-index

#	Paper	IF	Citations
595	Production of light (anti)nuclei in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
594	Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	0
593	Charged-particle multiplicity fluctuations in PbPb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	0
592	Conceptual design report of the MPD Cosmic Ray Detector (MCORD). <i>Journal of Instrumentation</i> , 2021 , 16, P11035	1	1
591	(K_S^0) - and (Λ) -hadron correlations in pp collisions at $(\sqrt{s} = 13)$ TeV. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	
590	Production of light-flavor hadrons in pp collisions at $(\sqrt{s} \sim 7 \text{ and } \sqrt{s} = 13, \text{ TeV})$. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
589	Measurements of dihadron correlations relative to the event plane in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 2.76$ GeV. <i>Chinese Physics C</i> , 2021 , 45, 044002	2.2	1
588	Measurement of e^+e^- Momentum and Angular Distributions from Linearly Polarized Photon Collisions. <i>Physical Review Letters</i> , 2021 , 127, 052302	7.4	14
587	The MPD Experiment and JINR: construction status and physics performance. <i>Nuclear Physics A</i> , 2021 , 1005, 122006	1.3	2
586	Centrality dependence of J/ψ and $\psi(2S)$ production and nuclear modification in p-Pb collisions at $(\sqrt{s_{\text{NN}}}) = 8.16$ TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
585	Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at $(\sqrt{s}) = 5.02, 7$ and 13 TeV. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	3
584	Coherent (J/ψ) and $(\psi(2S))$ photoproduction at midrapidity in ultra-peripheral PbPb collisions at $(\sqrt{s_{\text{NN}}}) \sim 5.02$ TeV. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
583	Energy dependence of (ϕ) meson production at forward rapidity in pp collisions at the LHC. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
582	Inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
581	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 810, 135758	4.2	9
580	Measurement of inclusive charged-particle jet production in Au + Au collisions at $s_{\text{NN}}=200$ GeV. <i>Physical Review C</i> , 2020 , 102,	2.7	4
579	Measurement of inclusive J/ψ polarization in p+p collisions at $s=200$ GeV by the STAR experiment. <i>Physical Review D</i> , 2020 , 102,	4.9	3

578	Status of the MPD Experiment at JINR. <i>Journal of Physics: Conference Series</i> , 2020 , 1602, 012021	0.3	10
577	J/ψ elliptic and triangular flow in Pb-Pb collisions at ($\sqrt{s_{\text{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
576	(Anti-)deuteron production in pp collisions at (\sqrt{s})=13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
575	K*(892)0 and ρ(1020) production at midrapidity in pp collisions at s=8 TeV. <i>Physical Review C</i> , 2020 , 102,	2.7	5
574	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. <i>Physical Review Letters</i> , 2020 , 125, 162001	7.4	3
573	First Measurement of Δ ⁺ Baryon Production in Au+Au Collisions at $\sqrt{s_{\text{NN}}}$ =200 GeV. <i>Physical Review Letters</i> , 2020 , 124, 172301	7.4	19
572	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in Pb-Pb collisions at s _{NN} =5.02 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 805, 135434	4.2	5
571	Measurement of the (anti-)3He elliptic flow in Pb-Pb collisions at s _{NN} =5.02 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 805, 135414	4.2	4
570	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and Pb-Pb collisions at s _{NN} =5.02 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 804, 135377	4.2	5
569	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in Pb-Pb collisions at s _{NN} =2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 804, 135375	4.2	4
568	ψ production in p-Pb collisions at s _{NN} =8.16 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 806, 135486	4.2	5
567	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC. <i>Physical Review Letters</i> , 2020 , 124, 092301	7.4	14
566	Measurement of the mass difference and the binding energy of the hypertriton and antihypertriton. <i>Nature Physics</i> , 2020 , 16, 409-412	16.2	24
565	Measurement of Λ(1520) production in pp collisions at (\sqrt{s}) = 7 TeV and p-Pb collisions at ($\sqrt{s_{\text{NN}}}$) = 5.02 TeV. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
564	Underlying event measurements in p+p collisions at s=200 GeV at RHIC. <i>Physical Review D</i> , 2020 , 101,	4.9	4
563	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. <i>Physical Review Letters</i> , 2020 , 125, 012301	7.4	14
562	Probing the Effects of Strong Electromagnetic Fields with Charge-Dependent Directed Flow in Pb-Pb Collisions at the LHC. <i>Physical Review Letters</i> , 2020 , 125, 022301	7.4	17
561	Coherent photoproduction of ρ ⁰ vector mesons in ultra-peripheral Pb-Pb collisions at ($\sqrt{s_{\text{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5

560	Non-linear flow modes of identified particles in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
559	Exploration of jet substructure using iterative declustering in pp and PbPb collisions at LHC energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 802, 135227	4.2	9
558	Studies of J/ψ production at forward rapidity in PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
557	Bulk properties of the system formed in Au+Au collisions at sNN=14.5 GeV at the BNL STAR detector. <i>Physical Review C</i> , 2020 , 101,	2.7	7
556	Measurements of inclusive jet spectra in pp and central Pb-Pb collisions at sNN=5.02TeV. <i>Physical Review C</i> , 2020 , 101,	2.7	11
555	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at sNN=5.02 TeV. <i>Physical Review C</i> , 2020 , 101,	2.7	46
554	Global polarization of Λ hyperons in Pb-Pb collisions at sNN= 2.76 and 5.02 TeV. <i>Physical Review C</i> , 2020 , 101,	2.7	17
553	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at sNN=5.02 TeV. <i>Physical Review C</i> , 2020 , 101,	2.7	8
552	Evidence of rescattering effect in PbPb collisions at the LHC through production of K(892)0? and ϕ(1020) mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 802, 135225	4.2	15
551	Measurement of strange baryon-antibaryon interactions with femtoscopic correlations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 802, 135223	4.2	6
550	Investigation of the p-π interaction via femtoscopy in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 805, 135419	4.2	13
549	The cosmic ray detector for the NICA collider. <i>EPJ Web of Conferences</i> , 2020 , 239, 07004	0.3	
548	Production of (omega) mesons in pp collisions at ($\sqrt{s}=7,\text{TeV}$). <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	0
547	Underlying event properties in pp collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
546	Higher harmonic non-linear flow modes of charged hadrons in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	6
545	Z-boson production in p-Pb collisions at sNN=8.16 TeV and Pb-Pb collisions at sNN=5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
544	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 2.76 and 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
543	Multiplicity dependence of light (anti-)nuclei production in pPb collisions at sNN=5.02 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 800, 135043	4.2	14

542	Strange hadron production in Au+Au collisions at $\sqrt{s_{NN}}=7.7, 11.5, 19.6, 27, \text{ and } 39 \text{ GeV}$. <i>Physical Review C</i> , 2020 , 102,	2.7	12
541	J/ψ production as a function of charged-particle multiplicity in p-Pb collisions at $(\sqrt{s_{\text{NN}}}) = 8.16 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
540	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at $(\sqrt{s_{\text{NN}}}) = 5.02 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
539	Measurement of D^0 -meson + hadron two-dimensional angular correlations in Au+Au collisions at $\sqrt{s_{NN}}=200 \text{ GeV}$. <i>Physical Review C</i> , 2020 , 102,	2.7	4
538	Multiplicity dependence of $K^*(892)^0$ and $\phi(1020)$ production in pp collisions at $\sqrt{s}=13 \text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 807, 135501	4.2	7
537	Beam energy dependence of net- Φ fluctuations measured by the STAR experiment at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2020 , 102,	2.7	6
536	Global baryon number conservation encoded in net-proton fluctuations measured in PbPb collisions at $\sqrt{s_{NN}}=2.76 \text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 807, 135564	4.2	8
535	Multiplicity dependence of (π) , K, and p production in pp collisions at $(\sqrt{s} = 13) \text{ TeV}$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
534	Jet-hadron correlations measured relative to the second order event plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76 \text{ TeV}$. <i>Physical Review C</i> , 2020 , 101,	2.7	1
533	Azimuthal correlations of prompt D mesons with charged particles in pp and pPb collisions at $(\sqrt{s_{\text{NN}}}) = 5.02 \text{ TeV}$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	4
532	Measurement of nuclear effects on $\Upsilon(2S)$ production in p-Pb collisions at $(\sqrt{s_{\text{NN}}}) = 8.16 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
531	Measurement of the central exclusive production of charged particle pairs in proton-proton collisions at $(\sqrt{s}) = 200 \text{ GeV}$ with the STAR detector at RHIC. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
530	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at $(\sqrt{s}) = 13 \text{ TeV}$. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	19
529	MCORD - MPD Cosmic Ray Detector a new features. <i>EPJ Web of Conferences</i> , 2019 , 204, 07016	0.3	3
528	One-dimensional charged kaon femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. <i>Physical Review C</i> , 2019 , 100,	2.7	3
527	Study of the Φ interaction with femtoscopy correlations in pp and pPb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 797, 134822	4.2	30
526	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral PbPb collisions at $\sqrt{s_{NN}}=5.02 \text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 798, 134926	4.2	18
525	Measurement of the production of charm jets tagged with D^0 mesons in pp collisions at $(\sqrt{s}=7) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	6

524	Production of muons from heavy-flavour hadron decays in pp collisions at (\sqrt{s}) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	2
523	Polarization of (Λ) Hyperons along the Beam Direction in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2019 , 123, 132301	7-4	41
522	Measurement of inclusive J/ ψ suppression in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV through the dimuon channel at STAR. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 797, 134917	4-2	12
521	H Λ and H Ξ lifetime measurement in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV via two-body decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 797, 134905	4-2	14
520	Observation of Excess J/ ψ Yield at Very Low Transverse Momenta in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV and U+U Collisions at $\sqrt{s_{NN}}=193$ GeV. <i>Physical Review Letters</i> , 2019 , 123, 132302	7-4	10
519	χ suppression at forward rapidity in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 790, 89-101	4-2	17
518	Measuring KS0K Ξ interactions using pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 790, 22-34	4-2	3
517	Beam energy dependence of (anti-)deuteron production in Au + Au collisions at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2019 , 99,	2-7	33
516	Analysis of the apparent nuclear modification in peripheral PbPb collisions at 5.02 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 793, 420-432	4-2	11
515	Multiplicity dependence of (anti-)deuteron production in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 794, 50-63	4-2	15
514	Ξ^+ production in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 793, 212-223	4-2	29
513	Measurement of (\mathcal{D}^0), (\mathcal{D}^+), (\mathcal{D}^{*+}) and ($\mathcal{D}^+_{\text{charm}}$) production in pp collisions at ($\sqrt{s} \sim 5.02$ TeV) with ALICE. <i>European Physical Journal C</i> , 2019 , 79, 1	4-2	25
512	Jet fragmentation transverse momentum measurements from di-hadron correlations in ($\sqrt{s}=7$) TeV pp and ($\sqrt{s_{NN}}=5.02$) TeV pPb collisions. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5-4	3
511	The proton correlation function in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 790, 490-497	4-2	26
510	Energy dependence of exclusive (J/ψ) photoproduction off protons in ultra-peripheral pPb collisions at ($\sqrt{s_{NN}} = 5.02$) TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4-2	14
509	Collision-energy dependence of pt correlations in Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2019 , 99,	2-7	9
508	Azimuthal Harmonics in Small and Large Collision Systems at RHIC Top Energies. <i>Physical Review Letters</i> , 2019 , 122, 172301	7-4	20
507	Real-time data processing in the ALICE High Level Trigger at the LHC. <i>Computer Physics Communications</i> , 2019 , 242, 25-48	4-2	5

506	Direct photon production at low transverse momentum in proton-proton collisions at $s=2.76$ and 8 TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	9
505	$p\bar{p}$, $p\eta$ and η correlations studied via femtoscopy in pp reactions at $s=7$ TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	33
504	Measurement of dielectron production in central Pb-Pb collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	6
503	Suppression of $\Upsilon(1520)$ resonance production in central Pb-Pb collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	11
502	Multiplicity dependence of light-flavor hadron production in pp collisions at $s=7$ TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	60
501	Measurement of the longitudinal spin asymmetries for weak boson production in proton-proton collisions at $s=510$ GeV. <i>Physical Review D</i> , 2019 , 99,	4.9	11
500	Relative particle yield fluctuations in (text{ Pb--Pb }) collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$ hbox { TeV}). <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	9
499	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	9
498	Centrality and transverse momentum dependence of D0-meson production at mid-rapidity in Au + Au collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2019 , 99,	2.7	31
497	Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in p-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , 2019 , 122, 072301	7.4	10
496	Measurement of jet radial profiles in PbPb collisions at $s_{NN}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 796, 204-219	4.2	6
495	Collision-energy dependence of second-order off-diagonal and diagonal cumulants of net-charge, net-proton, and net-kaon multiplicity distributions in Au + Au collisions. <i>Physical Review C</i> , 2019 , 100,	2.7	20
494	Production of the $\Upsilon(770)0$ meson in pp and Pb-Pb collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	13
493	Charged-particle pseudorapidity density at mid-rapidity in pPb collisions at ($p_{\mathrm{mb}}\{\sqrt{s_{\mathrm{scriptscriptstyle}}\{\mathrm{NN}}\}}\}) = 8.16$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
492	First Observation of the Directed Flow of $D^{\{0\}}$ and $D^{\{0\}}[\overline{\eta}]$ in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2019 , 123, 162301	7.4	22
491	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. <i>Physical Review Letters</i> , 2019 , 123, 112002	7.4	30
490	Charge-dependent pair correlations relative to a third particle in p + Au and d + Au collisions at RHIC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 798, 134975	4.2	12
489	Calibration of the photon spectrometer PHOS of the ALICE experiment. <i>Journal of Instrumentation</i> , 2019 , 14, P05025-P05025	1	4

488	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at ($\sqrt{s} = 5.02$) and 13 TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	23
487	Event-shape and multiplicity dependence of freeze-out radii in pp collisions at (\sqrt{s}) = 7 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
486	Measurement of $v_2\{1S\}$ Elliptic Flow at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , 2019 , 123, 192301	7.4	20
485	Measurements of the transverse-momentum-dependent cross sections of J/ψ production at mid-rapidity in proton+proton collisions at $s=510$ and 500 GeV with the STAR detector. <i>Physical Review D</i> , 2019 , 100,	4.9	7
484	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in pp, p-Pb, Xe-Xe, and Pb-Pb Collisions at the LHC. <i>Physical Review Letters</i> , 2019 , 123, 142301	7.4	39
483	Measurement of the inclusive isolated photon production cross section in (p) (p) collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	2
482	Inclusive J/ψ production at mid-rapidity in pp collisions at (\sqrt{s}) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	8
481	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at ($\sqrt{s_{NN}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
480	Charged jet cross section and fragmentation in proton-proton collisions at $s=7$ TeV. <i>Physical Review D</i> , 2019 , 99,	4.9	6
479	Measurement of prompt D^0 , D^+ , D^{*+} , and ($D^0_{S^+}$) production in pPb collisions at ($\sqrt{s_{NN}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	12
478	Measurement of charged jet cross section in pp collisions at $s=5.02$ TeV. <i>Physical Review D</i> , 2019 , 100,	4.9	3
477	Two-particle differential transverse momentum and number density correlations in pPb collisions at 5.02 TeV and Pb-Pb collisions at 2.76 TeV at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2019 , 100,	2.7	5
476	Longitudinal double-spin asymmetry for inclusive jet and dijet production in pp collisions at $s=510$ GeV. <i>Physical Review D</i> , 2019 , 100,	4.9	8
475	Constraining the initial conditions and temperature dependent viscosity with three-particle correlations in Au+Au collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 790, 81-88	4.2	2
474	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in XeXe collisions at $s_{NN}=5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 790, 35-48	4.2	40
473	Direct photon elliptic flow in PbPb collisions at $s_{NN}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 789, 308-322	4.2	16
472	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $s=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 788, 505-518	4.2	8
471	Transverse momentum spectra and nuclear modification factors of charged particles in XeXe collisions at $s_{NN}=5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 788, 166-179	4.2	38

470	Systematic studies of correlations between different order flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2018 , 97,	2.7	15
469	Production of deuterons, tritons, He3 nuclei, and their antinuclei in pp collisions at $s=0.9, 2.76,$ and 7 TeV. <i>Physical Review C</i> , 2018 , 97,	2.7	42
468	Azimuthal transverse single-spin asymmetries of inclusive jets and charged pions within jets from polarized-proton collisions at $s=500$ GeV. <i>Physical Review D</i> , 2018 , 97,	4.9	12
467	Beam-Energy Dependence of Directed Flow of $\langle v_1 \rangle$, $K^{\{0\}}$, $K_{\{s\}}^{\{0\}}$, and Ψ in Au+Au Collisions. <i>Physical Review Letters</i> , 2018 , 120, 062301	7.4	40
466	Production of 4He and $4\text{He}^{\bar{}}$ in PbPb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$ at the LHC. <i>Nuclear Physics A</i> , 2018 , 971, 1-20	1.3	50
465	J/ψ production as a function of charged-particle pseudorapidity density in pPb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 91-104	4.2	9
464	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 151-162	4.2	36
463	First measurement of jet mass in PbPb and pPb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 249-264	4.2	23
462	D-Meson Azimuthal Anisotropy in Midcentral Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , 2018 , 120, 102301	7.4	45
461	The ALICE Transition Radiation Detector: Construction, operation, and performance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018 , 881, 88-127	1.2	7
460	Global polarization of Λ hyperons in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2018 , 98,	2.7	110
459	Anisotropic flow in XeXe collisions at $\sqrt{s_{NN}}=5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 82-95	4.2	41
458	Beam Energy Dependence of Jet-Quenching Effects in Au+Au Collisions at $\sqrt{s_{NN}}=7.7, 11.5, 14.5, 19.6, 27, 39,$ and 62.4 GeV. <i>Physical Review Letters</i> , 2018 , 121, 032301	7.4	17
457	$(\pi^{\{0\}})$ and (η) meson production in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	23
456	Transverse spin-dependent azimuthal correlations of charged pion pairs measured in p \bar{p} + p collisions at $s=500$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 780, 332-339	4.2	10
455	Longitudinal asymmetry and its effect on pseudorapidity distributions in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 781, 20-32	4.2	2
454	First measurement of Ξ^0 production in pp collisions at $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 781, 8-19	4.2	10
453	Beam energy dependence of rapidity-even dipolar flow in Au+Au collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 784, 26-32	4.2	5

452	Search for collectivity with azimuthal J/ψ hadron correlations in high multiplicity pPb collisions at $\sqrt{s_{NN}}=5.02$ and 8.16 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 780, 7-20	4.2	18
451	Measurement of Z0-boson production at large rapidities in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 780, 372-383	4.2	7
450	Azimuthal anisotropy in Cu+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2018 , 98,	2.7	12
449	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
448	Neutral pion and η meson production at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2018 , 98,	2.7	5
447	Pion-kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV modeled in (3+1)D hydrodynamics coupled to the Therminator 2 code, and the effect of delayed kaon emission. <i>Physical Review C</i> , 2018 , 98,	2.7	2
446	Measurement of D0, D+, D*+ and D+s production in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	31
445	Medium modification of the shape of small-radius jets in central Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	15
444	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	55
443	Transverse spin transfer to Λ and Σ hyperons in polarized proton-proton collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2018 , 98,	4.9	4
442	Low-p _T e^+e^- Pair Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV and U+U Collisions at $\sqrt{s_{NN}}=193$ GeV at STAR. <i>Physical Review Letters</i> , 2018 , 121, 132301	7.4	34
441	J/ψ production cross section and its dependence on charged-particle multiplicity in p + p collisions at $\sqrt{s}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 786, 87-93	4.2	14
440	Harmonic decomposition of three-particle azimuthal correlations at energies available at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2018 , 98,	2.7	15
439	Dielectron production in proton-proton collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
438	Longitudinal double-spin asymmetries for Ds in the forward direction for 510 GeV polarized pp collisions. <i>Physical Review D</i> , 2018 , 98,	4.9	5
437	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) and 2.76 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	29
436	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=8.16$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
435	Longitudinal double-spin asymmetries for dijet production at intermediate pseudorapidity in polarized pp collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2018 , 98,	4.9	7

434	Neutral pion and (η) meson production in pPb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	17
433	Collision energy dependence of moments of net-kaon multiplicity distributions at RHIC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 785, 551-560	4.2	74
432	(ϕ) meson production at forward rapidity in PbPb collisions at ($\sqrt{s_{\mathrm{NN}}}$)=2.76 TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	2
431	Anisotropic flow of identified particles in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$)=5.02 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	24
430	\bar{c} production in pp collisions at (\sqrt{s})=7 TeV and in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$)=5.02 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	31
429	Measurement of the inclusive J/(ψ) polarization at forward rapidity in pp collisions at (\sqrt{s}) = 8 TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	4
428	Constraints on jet quenching in pPb collisions at $\sqrt{s_{\mathrm{NN}}}$ =5.02 TeV measured by the event-activity dependence of semi-inclusive hadron-jet distributions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 783, 95-113	4.2	17
427	Measurement of the H_B lifetime in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2018 , 97,	2.7	26
426	Correlation measurements between flow harmonics in Au+Au collisions at RHIC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 783, 459-465	4.2	12
425	Prompt and non-prompt (h_{ψ}/ψ) production and nuclear modification at mid-rapidity in pPb collisions at ($\sqrt{s_{\mathrm{NN}}}$)=5.02 TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	12
424	J/ ψ suppression at forward rapidity in PbPb collisions at $\sqrt{s_{\mathrm{NN}}}$ =5.02 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 766, 212-224	4.2	56
423	Production of muons from heavy-flavour hadron decays in pPb collisions at $\sqrt{s_{\mathrm{NN}}}$ =5.02 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 770, 459-472	4.2	5
422	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. <i>Nature Physics</i> , 2017 , 13, 535-539	16.2	247
421	Direct virtual photon production in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}}$ =200 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 770, 451-458	4.2	24
420	Charged-particle multiplicities in proton-proton collisions at (\sqrt{s}) = 0.9) to 8 TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	41
419	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at (\sqrt{s})=2.76 TeV and p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$)=5.02 TeV. <i>European Physical Journal C</i> , 2017 , 77, 245	4.2	13
418	η -Meson production at forward rapidity in pPb collisions at $\sqrt{s_{\mathrm{NN}}}$ =5.02 TeV and in pp collisions at \sqrt{s} =2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 768, 203-217	4.2	5
417	W and Z boson production in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$)=5.02 TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4

416	Bulk properties of the medium produced in relativistic heavy-ion collisions from the beam energy scan program. <i>Physical Review C</i> , 2017 , 96,	2.7	211
415	Measuring $K_S^0K^0$ interactions using PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 774, 64-77	4.2	10
414	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2017 , 96,	2.7	8
413	Dijet imbalance measurements in Au+Au and pp collisions at $\sqrt{s_{NN}}=200$ GeV at STAR. <i>Physical Review Letters</i> , 2017 , 119, 062301	7.4	16
412	Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2017 , 119, 102301	7.4	10
411	Measurements of jet quenching with semi-inclusive hadron+jet distributions in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2017 , 96,	2.7	34
410	Measurement of the production of high- p_T electrons from heavy-flavour hadron decays in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 467-481	4.2	16
409	Energy dependence of J/ψ production in Au + Au collisions at $\sqrt{s_{NN}}=39,62.4$ and 200 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 771, 13-20	4.2	17
408	Charge-Dependent Directed Flow in Cu+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2017 , 118, 012301	7.4	15
407	Global Λ hyperon polarization in nuclear collisions. <i>Nature</i> , 2017 , 548, 62-65	50.4	325
406	Centrality dependence of the pseudorapidity density distribution for charged particles in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 772, 567-577	4.2	47
405	$K^*(892)^0$ and $\phi(1020)$ meson production at high transverse momentum in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2017 , 95,	2.7	59
404	Measurement of electrons from beauty-hadron decays in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV and Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
403	J/ψ Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , 2017 , 119, 242301	7.4	25
402	Coherent diffractive photoproduction of ϕ mesons on gold nuclei at 200 GeV/nucleon-pair at the Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2017 , 96,	2.7	20
401	Measurement of the cross section and longitudinal double-spin asymmetry for dijet production in polarized pp collisions at $s=200$ GeV. <i>Physical Review D</i> , 2017 , 95,	4.9	16
400	Linear and non-linear flow mode in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 773, 68-80	4.2	32
399	Measurement of D-meson production at mid-rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	47

398	Flow Dominance and Factorization of Transverse Momentum Correlations in Pb-Pb Collisions at the LHC. <i>Physical Review Letters</i> , 2017 , 118, 162302	7.4	3
397	Elliptic flow of electrons from heavy-flavor hadron decays in Au + Au collisions at $\sqrt{s_{NN}}=200, 62.4,$ and 39 GeV. <i>Physical Review C</i> , 2017 , 95,	2.7	14
396	Measurement of $D^{\{0\}}$ Azimuthal Anisotropy at Midrapidity in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2017 , 118, 212301	7.4	60
395	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at ($\sqrt{s_{NN}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
394	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2017 , 118, 222301	7.4	5
393	Production of $[F_1]$ and $[F_2]$ mesons up to high transverse momentum in pp collisions at 2.76 TeV. <i>European Physical Journal C</i> , 2017 , 77, 339	4.2	10
392	Energy dependence of forward-rapidity $[F_1]$ and $[F_2]$ production in pp collisions at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 392	4.2	14
391	Production of $[F_1]$ and $[F_2]$ in p-Pb collisions at $[F_1]$ TeV. <i>European Physical Journal C</i> , 2017 , 77, 389	4.2	22
390	Determination of the event collision time with the ALICE detector at the LHC. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	34
389	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2017 , 96,	2.7	10
388	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at (\sqrt{s}) 0.9, 7, and 8 TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	18
387	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
386	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at ($\sqrt{s_{NN}}=7$) TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	19
385	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at ($\sqrt{s_{NN}}=2.76$) TeV at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	25
384	Recent femtoscopy results from ALICE. <i>EPJ Web of Conferences</i> , 2017 , 141, 01012	0.3	
383	Non-identical Particle Correlation Analysis in the Presence of Non-femtoscopic Correlations. <i>Acta Physica Polonica B</i> , 2017 , 48, 717	1.9	6
382	Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s_{NN}}=7.7-2.4$ GeV. <i>Physical Review C</i> , 2016 , 93,	2.7	40
381	Probing parton dynamics of QCD matter with $[F_1]$ and $[F_2]$ production. <i>Physical Review C</i> , 2016 , 93,	2.7	29

380	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2016 , 93,	2.7	36
379	J/ψ production at low transverse momentum in p+p and d + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2016 , 93,	2.7	8
378	Centrality and Transverse Momentum Dependence of Elliptic Flow of Multistrange Hadrons and η Meson in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2016 , 116, 062301	7.4	37
377	Measurement of the Transverse Single-Spin Asymmetry in $p^{*}+p \rightarrow W^{\pm}/Z^{0}$ at RHIC. <i>Physical Review Letters</i> , 2016 , 116, 132301	7.4	40
376	Measurement of an Excess in the Yield of J/ψ at Very Low p_{T} in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2016 , 116, 222301	7.4	50
375	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2016 , 93,	2.7	57
374	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2016 , 93,	2.7	24
373	Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2016 , 93,	2.7	90
372	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> , 2016 , 93,	2.7	19
371	Multipion Bose-Einstein correlations in pp, p-Pb, and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2016 , 93,	2.7	15
370	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in Au+Au Collisions at RHIC. <i>Physical Review Letters</i> , 2016 , 116, 112302	7.4	33
369	Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , 2016 , 116, 132302	7.4	96
368	Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , 2016 , 116, 222302	7.4	105
367	Beam-energy dependence of charge balance functions from Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2016 , 94,	2.7	14
366	Correlated Event-by-Event Fluctuations of Flow Harmonics in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2016 , 117, 182301	7.4	97
365	Centrality dependence of $\langle 2S \rangle$ suppression in p-Pb collisions at ($\sqrt{s_{NN}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
364	Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at ($\sqrt{s_{NN}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	14
363	ψ production in U + U collisions at $\sqrt{s_{NN}}=193$ GeV measured with the STAR experiment. <i>Physical Review C</i> , 2016 , 94,	2.7	10

362	Differential studies of inclusive J/ψ and $\psi(2S)$ production at forward rapidity in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	23
361	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	24
360	Centrality dependence of charged jet production in p-Pb collisions at [Formula: see text] = 5.02 TeV. <i>European Physical Journal C</i> , 2016 , 76, 271	4-2	23
359	Measurement of D-meson production versus multiplicity in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	8
358	Measurement of D + s production and nuclear modification factor in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	17
357	Production of $K^*(892)$ and $K^*(1020)$ in p-Pb collisions at [Formula: see text] = 5.02 TeV. <i>European Physical Journal C</i> , 2016 , 76, 245	4-2	63
356	Search for weakly decaying Ξ^0 and Ξ^0 exotic bound states in central PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 752, 267-277	4-2	23
355	Azimuthal anisotropy of charged jet production in $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV PbPb collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 511-525	4-2	14
354	Direct photon production in PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 235-248	4-2	116
353	Multi-strange baryon production in p Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 758, 389-401	4-2	86
352	Inclusive quarkonium production at forward rapidity in pp collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2016 , 76, 184	4-2	18
351	Forward-central two-particle correlations in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 126-139	4-2	34
350	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 373-385	4-2	32
349	Transverse momentum dependence of D-meson production in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5-4	65
348	Measurement of electrons from heavy-flavour hadron decays in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 81-93	4-2	24
347	Particle identification in ALICE: a Bayesian approach. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3-1	25
346	D-meson production in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV and in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review C</i> , 2016 , 94,	2-7	35
345	Measurement of elliptic flow of light nuclei at $\sqrt{s_{\mathrm{NN}}}=200, 62.4, 39, 27, 19.6, 11.5,$ and 7.7 GeV at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2016 , 94,	2-7	31

344	Jet-like correlations with neutral pion triggers in pp and central PbPb collisions at 2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 763, 238-250	4.2	15
343	Pseudorapidity and transverse-momentum distributions of charged particles in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 319-329	4.2	59
342	Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 41-56	4.2	18
341	H \bar{B} and H \bar{D} production in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 360-372	4.2	91
340	Study of cosmic ray events with high muon multiplicity using the ALICE detector at the CERN Large Hadron Collider. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016 , 2016, 032-032	6.4	10
339	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 86	4.2	18
338	Near-side azimuthal and pseudorapidity correlations using neutral strange baryons and mesons in d+Au, Cu + Cu, and Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2016 , 94,	2.7	2
337	Influence of quantum conservation laws on particle production in hadron collisions. <i>Nuclear Physics A</i> , 2016 , 956, 886-889	1.3	1
336	Pseudorapidity dependence of the anisotropic flow of charged particles in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 762, 376-388	4.2	19
335	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 720-735	4.2	67
334	Jet-like correlations with direct-photon and neutral-pion triggers at $\sqrt{s_{NN}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 689-696	4.2	26
333	Measuring baryon-(anti-)baryon interaction cross-sections with femtoscopy in Heavy-Ion Collisions. <i>Nuclear Physics A</i> , 2016 , 956, 385-388	1.3	1
332	Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2016 , 94,	2.7	19
331	Production of inclusive $\phi(1S)$ and $\phi(2S)$ in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 740, 105-117	4.2	54
330	Corrigendum to ϕ suppression of ϕ production in d + Au and Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV [Phys. Lett. B 735 (2014) 127-137]. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 537-541	4.2	13
329	Isolation of flow and nonflow correlations by two- and four-particle cumulant measurements of azimuthal harmonics in $\sqrt{s_{NN}}=200$ GeV Au+Au collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 745, 40-47	4.2	10
328	Measurement of jet suppression in central PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 746, 1-14	4.2	90
327	Measurement of dijet k_T in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 746, 385-395	4.2	17

326	Charged-to-neutral correlation at forward rapidity in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2015 , 91,	2.7	3
325	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $s=2.76$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	15
324	$K^*(892)0$ and $\rho(1020)$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2015 , 91,	2.7	152
323	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review C</i> , 2015 , 91,	2.7	30
322	Production of [Formula: see text] and [Formula: see text] in proton-proton collisions at [Formula: see text] 7 TeV. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	82
321	Inclusive photon production at forward rapidities in proton-proton collisions at $(\sqrt{s}) = 0.9, 2.76$ and 7 TeV. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	10
320	Correlation function in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2015 , 114, 022301	7.4	54
319	Effect of event selection on jetlike correlation measurement in d + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 333-339	4.2	22
318	Elliptic flow of identified hadrons in Pb-Pb collisions at $(\sqrt{s_{\mathrm{NN}}}=2.76)$ TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	91
317	Measurement of interaction between antiprotons. <i>Nature</i> , 2015 , 527, 345-8	50.4	46
316	Measurement of pion, kaon and proton production in proton-proton collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2015 , 75, 226	4.2	105
315	Precision measurement of the mass difference between light nuclei and anti-nuclei. <i>Nature Physics</i> , 2015 , 11, 811-814	16.2	22
314	Multiplicity dependence of jet-like two-particle correlation structures in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 38-50	4.2	25
313	Di-hadron correlations with identified leading hadrons in 200 GeV Au + Au and d + Au collisions at STAR. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 751, 233-240	4.2	10
312	Coherent (ρ) photo-production in ultra-peripheral PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 751, 358-370	4.2	30
311	Centrality dependence of particle production in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review C</i> , 2015 , 91,	2.7	107
310	Energy dependence of $K_{\perp p}$ and K_p fluctuations in Au + Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. <i>Physical Review C</i> , 2015 , 92,	2.7	16
309	Measurements of dielectron production in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV from the STAR experiment. <i>Physical Review C</i> , 2015 , 92,	2.7	41

308	Observation of Charge Asymmetry Dependence of Pion Elliptic Flow and the Possible Chiral Magnetic Wave in Heavy-Ion Collisions. <i>Physical Review Letters</i> , 2015 , 114, 252302	7.4	71
307	Observation of Transverse Spin-Dependent Azimuthal Correlations of Charged Pion Pairs in $p^{\{?\}}+p$ at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2015 , 115, 242501	7.4	10
306	Azimuthal Anisotropy in U+U and Au+Au Collisions at RHIC. <i>Physical Review Letters</i> , 2015 , 115, 222301	7.4	53
305	Beam-energy-dependent two-pion interferometry and the freeze-out eccentricity of pions measured in heavy ion collisions at the STAR detector. <i>Physical Review C</i> , 2015 , 92,	2.7	46
304	One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2015 , 92,	2.7	30
303	Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	21
302	Precision Measurement of the Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2015 , 115, 092002	7.4	44
301	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at ($\sqrt{s_{\{N N\}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	32
300	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at ($\sqrt{s_{\{mathrm{NN}\}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	24
299	Coherent D photoproduction in ultra-peripheral Pb-Pb collisions at ($\sqrt{s_{\{mathrm{NN}\}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	23
298	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at ($\sqrt{s_{\{mathrm{NN}\}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	30
297	Measurement of charged jet production cross sections and nuclear modification in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 749, 68-81	4.2	39
296	Forward-backward multiplicity correlations in pp collisions at (\sqrt{s}) = 0.9, 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	28
295	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at ($\sqrt{s_{\{mathrm{N};mathrm{N}\}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	29
294	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	33
293	Long-range pseudorapidity dihadron correlations in d + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 747, 265-271	4.2	53
292	Baryon femtoscopy considering residual correlations as a tool to extract strong interaction potentials. <i>EPJ Web of Conferences</i> , 2015 , 95, 04064	0.3	
291	Centrality dependence of inclusive J/ψ production in p-Pb collisions at ($\sqrt{s_{\{mathrm{NN}\}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20

290	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{\text{NN}}}$ =19.6 and 200 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 64-71	4.2	24
289	Measurement of charged jet suppression in Pb-Pb collisions at $(\sqrt{s_{\text{NN}}}) = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	53
288	J/ψ production and nuclear effects in p-Pb collisions at $(\sqrt{s_{\text{NN}}}) = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	35
287	Multiplicity dependence of pion, kaon, proton and lambda production in pPb collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 25-38	4.2	245
286	Multi-strange baryon production at mid-rapidity in PbPb collisions at $\sqrt{s_{\text{NN}}}$ =2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 216-227	4.2	173
285	Upgrade of the ALICE Experiment: Letter Of Intent. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 087001	2.9	59
284	Measurement of longitudinal spin asymmetries for weak boson production in polarized proton-proton collisions at RHIC. <i>Physical Review Letters</i> , 2014 , 113, 072301	7.4	45
283	Suppression of η production in d+Au and Au+Au collisions at $\sqrt{s_{\text{NN}}}$ =200GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 735, 127-137	4.2	67
282	Production of charged pions, kaons and protons at large transverse momenta in pp and PbPb collisions at $\sqrt{s_{\text{NN}}}$ =2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 196-207	4.2	161
281	Measurement of quarkonium production at forward rapidity in [Formula: see text] collisions at [Formula: see text]TeV. <i>European Physical Journal C</i> , 2014 , 74, 2974	4.2	63
280	Centrality, rapidity and transverse momentum dependence of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 314-327	4.2	147
279	Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV in van der Meer scans with the ALICE detector. <i>Journal of Instrumentation</i> , 2014 , 9, P11003-P11003	1	31
278	Femtoscscopy at the LHC. <i>EPJ Web of Conferences</i> , 2014 , 71, 00069	0.3	
277	Measurement of prompt D-meson production in p-Pb collisions at $(\sqrt{s_{\text{NN}}})=5.02$ TeV. <i>Physical Review Letters</i> , 2014 , 113, 232301	7.4	70
276	Exclusive J/ψ photoproduction off protons in ultraperipheral p-Pb collisions at $(\sqrt{s_{\text{NN}}})=5.02$ TeV. <i>Physical Review Letters</i> , 2014 , 113, 232504	7.4	58
275	Performance of the ALICE experiment at the CERN LHC. <i>International Journal of Modern Physics A</i> , 2014 , 29, 1430044	1.2	325
274	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 087002	2.9	98
273	Event-by-event mean $(\text{varvec{p}}_{\text{T}})$ fluctuations in pp and PbPb collisions at the LHC. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	35

272	Transverse momentum dependence of inclusive primary charged-particle production in pPb collisions at ($\sqrt{s_{\text{NN}}}=5.02\text{ TeV}$). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	52
271	Suppression of $\Psi(2S)$ production in p-Pb collisions at ($\sqrt{s_{\text{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
270	Neutral pion production at midrapidity in pp and PbPb collisions at ($\sqrt{s_{\text{NN}}}=2.76\text{ TeV}$). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	60
269	Dielectron azimuthal anisotropy at mid-rapidity in Au + Au collisions at $s_{\text{NN}}=200$ GeV. <i>Physical Review C</i> , 2014 , 90,	2.7	6
268	Beauty production in pp collisions at $s=2.76$ TeV measured via semi-electronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 97-108	4.2	26
267	Suppression of $\Psi(1S)$ at forward rapidity in PbPb collisions at $s_{\text{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 361-372	4.2	56
266	Freeze-out radii extracted from three-pion cumulants in pp, pPb and PbPb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 139-151	4.2	36
265	J/Ψ polarization in p+p collisions at $s=200$ GeV in STAR. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 180-188	4.2	8
264	Pion, kaon, and proton femtoscopy in Pb-Pb collisions at $s_{\text{NN}}=2.76$ TeV modeled in (3+1)D hydrodynamics. <i>Physical Review C</i> , 2014 , 90,	2.7	17
263	Extracting Femtosopic Radii in the Presence of Significant Additional Correlation Sources. <i>Acta Physica Polonica B</i> , 2014 , 45, 1993	1.9	2
262	J/Ψ production at low p_T in Au + Au and Cu + Cu collisions at $s_{\text{NN}}=200$ GeV with the STAR detector. <i>Physical Review C</i> , 2014 , 90,	2.7	41
261	Observation of D_0 meson nuclear modifications in Au+Au collisions at $\sqrt{s_{\text{NN}}}=200$ GeV. <i>Physical Review Letters</i> , 2014 , 113, 142301	7.4	136
260	Event-plane-dependent dihadron correlations with harmonic v_n subtraction in Au + Au collisions at $s_{\text{NN}}=200$ GeV. <i>Physical Review C</i> , 2014 , 89,	2.7	21
259	Beam-energy dependence of charge separation along the magnetic field in Au+Au collisions at RHIC. <i>Physical Review Letters</i> , 2014 , 113, 052302	7.4	120
258	Energy dependence of moments of net-proton multiplicity distributions at RHIC. <i>Physical Review Letters</i> , 2014 , 112, 032302	7.4	299
257	Multiparticle azimuthal correlations in p-Pb and Pb-Pb collisions at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2014 , 90,	2.7	103
256	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $s_{\text{NN}}=200$ GeV. <i>Physical Review C</i> , 2014 , 89,	2.7	59
255	Beam-energy dependence of the directed flow of protons, antiprotons, and pions in Au+Au collisions. <i>Physical Review Letters</i> , 2014 , 112, 162301	7.4	129

254	Beam energy dependence of moments of the net-charge multiplicity distributions in Au+Au collisions at RHIC. <i>Physical Review Letters</i> , 2014 , 113, 092301	7.4	197
253	Azimuthal anisotropy of D-meson production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2014 , 90,	2.7	84
252	Jet-hadron correlations in $\sqrt{s_{NN}}=200$ GeV p+p and central Au+Au collisions. <i>Physical Review Letters</i> , 2014 , 112, 122301	7.4	37
251	Extracting baryon-antibaryon strong-interaction potentials from p-p femtoscopic correlation functions. <i>Physical Review C</i> , 2014 , 89,	2.7	22
250	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2014 , 89,	4.9	28
249	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2014 , 89,	2.7	35
248	Dielectron mass spectra from Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2014 , 113, 022301	7.4	45
247	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. <i>European Physical Journal C</i> , 2013 , 73, 2456	4.2	141
246	Mid-rapidity anti-baryon to baryon ratios in pp collisions at ($\sqrt{s} = 0.9, 2.76$ and 7 TeV) measured by ALICE. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	23
245	K^0_S and \bar{p} production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 222301	7.4	213
244	Multiplicity dependence of the average transverse momentum in pp, pPb, and PbPb collisions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 727, 371-380	4.2	99
243	Long-range angular correlations of \bar{K} and p in pPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 164-177	4.2	205
242	Centrality dependence of \bar{K} , and p production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2013 , 88,	2.7	336
241	Centrality dependence of charged particle production at large transverse momentum in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 52-62	4.2	255
240	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	15
239	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. <i>European Physical Journal C</i> , 2013 , 73, 2662	4.2	75
238	Charmonium and pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>European Physical Journal C</i> , 2013 , 73, 2617	4.2	150
237	Coherent J/ψ photoproduction in ultra-peripheral PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 718, 1273-1283	4.2	140

236	Single spin asymmetry AN in polarized proton-proton elastic scattering at $\sqrt{s}=200\text{GeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 62-69	4.2	24
235	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s}=2.76\text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 13-23	4.2	40
234	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 18-28	4.2	131
233	Long-range angular correlations on the near and away side in p-Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 29-41	4.2	486
232	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 267-279	4.2	32
231	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 610-622	4.2	127
230	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s}=7\text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 262-272	4.2	63
229	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$ with ALICE. <i>Physical Review C</i> , 2013 , 88,	2.7	206
228	Pseudorapidity density of charged particles in p+Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$. <i>Physical Review Letters</i> , 2013 , 110, 032301	7.4	133
227	Charged kaon femtoscopic correlations in pp collisions at $\sqrt{s}=7\text{ TeV}$. <i>Physical Review D</i> , 2013 , 87,	4.9	24
226	v_2 elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. <i>Physical Review Letters</i> , 2013 , 111, 162301	7.4	61
225	Fluctuations of charge separation perpendicular to the event plane and local parity violation in $\sqrt{s_{NN}}=200\text{ GeV}$ Au + Au collisions at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2013 , 88,	2.7	70
224	Observation of an energy-dependent difference in elliptic flow between particles and antiparticles in relativistic heavy ion collisions. <i>Physical Review Letters</i> , 2013 , 110, 142301	7.4	73
223	Experimental studies of di-jets in Au + Au collisions using angular correlations with respect to back-to-back leading hadrons. <i>Physical Review C</i> , 2013 , 87,	2.7	3
222	Transverse momentum distribution and nuclear modification factor of charged particles in p+Pb collisions at $\sqrt{s_{NN}}=5.02\text{ TeV}$. <i>Physical Review Letters</i> , 2013 , 110, 082302	7.4	135
221	Directed flow of charged particles at midrapidity relative to the spectator plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. <i>Physical Review Letters</i> , 2013 , 111, 232302	7.4	47
220	Third harmonic flow of charged particles in Au + Au collisions at $\sqrt{s_{NN}}=200\text{ GeV}$. <i>Physical Review C</i> , 2013 , 88,	2.7	86
219	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76\text{ TeV}$. <i>Physical Review Letters</i> , 2013 , 110, 012301	7.4	167

218	Net-charge fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 152301	7.4	54
217	Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. <i>Physical Review C</i> , 2013 , 88,	2.7	92
216	Freeze-out dynamics via charged kaon femtoscopy in $\sqrt{s_{NN}}=200$ GeV central Au + Au collisions. <i>Physical Review C</i> , 2013 , 88,	2.7	11
215	System-size dependence of transverse momentum correlations at $\sqrt{s_{NN}}=62.4$ and 200 GeV at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2013 , 87,	2.7	6
214	Measurement of J/ψ azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2013 , 111, 052301	7.4	35
213	D meson elliptic flow in noncentral Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 102301	7.4	136
212	Performance of the ALICE VZERO system. <i>Journal of Instrumentation</i> , 2013 , 8, P10016-P10016	1	128
211	THERMINATOR 2: THERMal heavy IoN generATOR 2. <i>Computer Physics Communications</i> , 2012 , 183, 746-773	7.3	123
210	Harmonic decomposition of two particle angular correlations in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 249-264	4.2	170
209	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 265-275	4.2	59
208	Light vector meson production in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 557-568	4.2	40
207	J/ψ production as a function of charged particle multiplicity in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 165-175	4.2	79
206	Multi-strange baryon production in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 712, 309-318	4.2	73
205	Measurement of charm production at central rapidity in proton-proton collisions at ($\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	122
204	Underlying Event measurements in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the ALICE experiment at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
203	Measurement of charm production at central rapidity in proton-proton collisions at ($\sqrt{s} = 2.76$;{text{TeV}}). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	102
202	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at ($\sqrt{s_{NN}}=2.76$;{mathrm{TeV}}). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	214
201	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	42

200	Measurement of the $W \rightarrow e\bar{\nu}$ and $Z/\bar{\nu} \rightarrow e+\bar{\nu}$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s}=500$ GeV. <i>Physical Review D</i> , 2012 , 85,	4.9	18
199	Pion, kaon, and proton production in central Pb-Pb collisions at $\sqrt{s(\text{NN})} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 252301	7.4	153
198	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at ($\sqrt{s}=0.9, \sim 2.76$ and 7 TeV). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
197	Production of $K^*(892)^0$ and $\phi(1020)$ in pp collisions at ($\sqrt{s}=7$ TeV). <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	99
196	Neutral pion and meson production in proton-proton collisions at $\sqrt{s}=0.9$ TeV and $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 162-172	4.2	112
195	D_s^+ meson production at central rapidity in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 279-294	4.2	56
194	Inclusive J/ψ production in pp collisions at $\sqrt{s}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 295-306	4.2	72
193	\bar{D} photoproduction in AuAu collisions at $\sqrt{s_{\text{NN}}}=62.4$ GeV measured with the STAR detector. <i>Physical Review C</i> , 2012 , 85,	2.7	19
192	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at ($\sqrt{s_{\text{NN}}}=2.76, 2.76, 2.76$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	51
191	Energy and system-size dependence of two- and four-particle v_2 measurements in heavy-ion collisions at $\sqrt{s_{\text{NN}}}=62.4$ and 200 GeV and their implications on flow fluctuations and nonflow. <i>Physical Review C</i> , 2012 , 86,	2.7	36
190	J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 082001	7.4	89
189	Transverse single-spin asymmetry and cross section for \bar{D} and mesons at large Feynman x in $p+p$ collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	58
188	Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized $p+p$ collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	51
187	Di-electron spectrum at mid-rapidity in $p+p$ collisions at $\sqrt{s}=200$ GeV. <i>Physical Review C</i> , 2012 , 86,	2.7	22
186	Inclusive charged hadron elliptic flow in Au + Au collisions at $\sqrt{s_{\text{NN}}}=7.7$ GeV. <i>Physical Review C</i> , 2012 , 86,	2.7	98
185	Identified hadron compositions in $p+p$ and Au+Au collisions at high transverse momenta at $\sqrt{s_{\text{NN}}}=200$ GeV. <i>Physical Review Letters</i> , 2012 , 108, 072302	7.4	62
184	Directed and elliptic flow of charged particles in Cu + Cu collisions at $\sqrt{s_{\text{NN}}}=22.4$ GeV. <i>Physical Review C</i> , 2012 , 85,	2.7	20
183	Production of muons from heavy flavor decays at forward rapidity in pp and Pb-Pb collisions at $\sqrt{s(\text{NN})}=2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 112301	7.4	76

182	J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 072301	7.4	167
181	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\sqrt{s_{NN}}=62$ and 200 GeV. <i>Physical Review C</i> , 2012 , 86,	2.7	41
180	Directed flow of identified particles in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV at RHIC. <i>Physical Review Letters</i> , 2012 , 108, 202301	7.4	25
179	System size and energy dependence of near-side dihadron correlations. <i>Physical Review C</i> , 2012 , 85,	2.7	26
178	Measurement of the cross section for electromagnetic dissociation with neutron emission in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 252302	7.4	59
177	Particle-yield modification in jetlike azimuthal dihadron correlations in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 092301	7.4	87
176	Strangeness enhancement in Cu-Cu and Au-Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2012 , 108, 072301	7.4	72
175	Measurements of D0 and D* production in p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	79
174	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2012 , 86,	4.9	48
173	Observation of the antimatter helium-4 nucleus. <i>Nature</i> , 2011 , 473, 353-6	50.4	120
172	Rapidity and transverse momentum dependence of inclusive Λ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 442-455	4.2	104
171	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 467-473	4.2	24
170	Underlying event background in two-pion correlations in p + p Collisions at $\sqrt{s} = 0.9$ and 7 TeV. <i>Physics of Particles and Nuclei Letters</i> , 2011 , 8, 888-890	0.5	
169	Strange particle production in proton-proton collisions at $(\sqrt{s}=0.9)$ (mbox $\{\$rm TeV\}$) with ALICE at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	127
168	Production of pions, kaons and protons in pp collisions at $(\sqrt{s}= 900\sim\mathrm{GeV})$ with ALICE at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	176
167	Femtoscopy of pp collisions at $\sqrt{s}=0.9$ and 7 TeV at the LHC with two-pion Bose-Einstein correlations. <i>Physical Review D</i> , 2011 , 84,	4.9	77
166	High p_T nonphotonic electron production in p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2011 , 83,	4.9	38
165	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 30-39	4.2	393

164	Two-pion Bose-Einstein correlations in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 328-337	4.2	200
163	Centrality dependence of the charged-particle multiplicity density at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 032301	7.4	438
162	K^0 production in Cu + Cu and Au + Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV and 200 GeV. <i>Physical Review C</i> , 2011 , 84,	2.7	47
161	Signatures of collective flow in high-multiplicity pp collisions. <i>Physical Review C</i> , 2011 , 84,	2.7	12
160	Higher harmonic anisotropic flow measurements of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 032301	7.4	409
159	Strange and multistrange particle production in Au + Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV. <i>Physical Review C</i> , 2011 , 83,	2.7	64
158	Measurement of the parity-violating longitudinal single-spin asymmetry for W^\pm boson production in polarized proton-proton collisions at $\sqrt{s} = 500$ GeV. <i>Physical Review Letters</i> , 2011 , 106, 062002	7.4	44
157	Pion femtoscopy in p + p collisions at $\sqrt{s} = 200$ GeV. <i>Physical Review C</i> , 2011 , 83,	2.7	33
156	Scaling properties at freeze-out in relativistic heavy-ion collisions. <i>Physical Review C</i> , 2011 , 83,	2.7	26
155	Experimental studies of di-jet survival and surface emission bias in Au+Au collisions via angular correlations with respect to back-to-back leading hadrons. <i>Physical Review C</i> , 2011 , 83,	2.7	13
154	Femtoscopy of Pb-Pb and pp collisions at the LHC with the ALICE experiment. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2011 , 38, 124008	2.9	7
153	Observation of $\pi\pi^0$ photoproduction in ultraperipheral heavy-ion collisions at $\sqrt{s_{NN}} = 200$ GeV at the STAR detector. <i>Physical Review C</i> , 2010 , 81,	2.7	15
152	Identified particle production, azimuthal anisotropy, and interferometry measurements in Au+Au collisions at $\sqrt{s_{NN}} = 9.2$ GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	166
151	Charged-particle multiplicity density at midrapidity in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 252301	7.4	254
150	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. <i>Physical Review C</i> , 2010 , 82,	2.7	48
149	Balance functions from Au+Au, d+Au, and p+p collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2010 , 82,	2.7	33
148	Nonidentical-particle femtoscopy at $\sqrt{s_{NN}} = 200$ GeV in hydrodynamics with statistical hadronization. <i>Physical Review C</i> , 2010 , 81,	2.7	10
147	Spectra of identified high- p_T π^0 and $p(\bar{p})$ in Cu+Cu collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	14

146	Midrapidity antiproton-to-proton ratio in pp collisions at $\sqrt{s}=0.9$ and 7 TeV measured by the ALICE experiment. <i>Physical Review Letters</i> , 2010 , 105, 072002	7.4	59
145	Measurement of the bottom quark contribution to nonphotonic electron production in p + p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2010 , 105, 202301	7.4	57
144	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. <i>Physical Review C</i> , 2010 , 81,	2.7	223
143	Three-particle coincidence of the long range pseudorapidity correlation in high energy nucleus-nucleus collisions. <i>Physical Review Letters</i> , 2010 , 105, 022301	7.4	75
142	Higher moments of net proton multiplicity distributions at RHIC. <i>Physical Review Letters</i> , 2010 , 105, 022302	7.4	237
141	Azimuthal di-hadron correlations in d+ Au and Au + Au collisions at $\sqrt{sNN}=200$ GeV measured at the STAR detector. <i>Physical Review C</i> , 2010 , 82,	2.7	56
140	Charged and strange hadron elliptic flow in Cu+Cu collisions at $\sqrt{sNN}=62.4$ and 200 GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	49
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138	Observation of an antimatter hypernucleus. <i>Science</i> , 2010 , 328, 58-62	33.3	191
137	Elliptic flow of charged particles in Pb-Pb collisions at $\sqrt{s(SNN)} = 2.76$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 252302	7.4	525
136	Inclusive \bar{D} , $\bar{\Lambda}$ and direct photon production at high transverse momentum in p+p and d+Au collisions at $\sqrt{sNN}=200$ GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	28
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134	Operation and calibration of the Silicon Drift Detectors of the ALICE experiment during the 2008 cosmic ray data taking period. <i>Journal of Instrumentation</i> , 2010 , 5, P04004-P04004	1	1
133	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. <i>Journal of Instrumentation</i> , 2010 , 5, P03003-P03003	1	120
132	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. <i>European Physical Journal C</i> , 2010 , 65, 1114-1125	4.25	113
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130	Charged-particle multiplicity measurement in proton-proton collisions at ($\sqrt{s}=7$) TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010 , 68, 345-354	4.2	173
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127	Three-dimensional two-pion source image from . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 685, 41-46	4.2	5
126	Longitudinal scaling property of the charge balance function in Au+Au collisions at sNN=200 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 239-244	4.2	16
125	Transverse momentum spectra of charged particles in proton-proton collisions at s=900 GeV with ALICE at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 693, 53-68	4.2	135
124	J/ψ production at high transverse momenta in p+p and Cu+Cu collisions at sNN=200 GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	76
123	Azimuthal charged-particle correlations and possible local strong parity violation. <i>Physical Review Letters</i> , 2009 , 103, 251601	7.4	352
122	Azimuthally sensitive femtoscopy in hydrodynamics with statistical hadronization from the BNL Relativistic Heavy Ion Collider to the CERN Large Hadron Collider. <i>Physical Review C</i> , 2009 , 79,	2.7	30
121	Neutral pion production in Au+Au collisions at sNN=200 GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	19
120	Indications of conical emission of charged hadrons at the BNL relativistic heavy ion collider. <i>Physical Review Letters</i> , 2009 , 102, 052302	7.4	86
119	K/π fluctuations at relativistic energies. <i>Physical Review Letters</i> , 2009 , 103, 092301	7.4	48
118	Pion interferometry in Au+Au and Cu+Cu collisions at sNN=62.4 and 200 GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	45
117	Beam-energy and system-size dependence of dynamical net charge fluctuations. <i>Physical Review C</i> , 2009 , 79,	2.7	42
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114	Efficient and robust calculation of femtoscopic correlation functions in spherical harmonics directly from the raw pairs measured in heavy-ion collisions. <i>Physical Review C</i> , 2009 , 80,	2.7	13
113	Free-streaming approximation in early dynamics of relativistic heavy-ion collisions. <i>Physical Review C</i> , 2009 , 80,	2.7	42
112	Growth of long range forward-backward multiplicity correlations with centrality in Au + Au collisions at square root of sNN = 200 GeV. <i>Physical Review Letters</i> , 2009 , 103, 172301	7.4	70
111	Solution of the RHIC HBT puzzle with Gaussian initial conditions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2009 , 36, 064067	2.9	3

110	Describing transverse dynamics and space-time evolution at RHIC in a hydrodynamic model with statistical hadronization. <i>Nuclear Physics A</i> , 2009 , 830, 821c-824c	1.3	5
109	Energy and system size dependence of η meson production in Cu+Cu and Au+Au collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 673, 183-191	4.2	66
108	Measurement of D^* mesons in jets from p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2009 , 79,	4.9	16
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106	Longitudinal spin transfer to Λ and Σ hyperons in polarized proton-proton collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2009 , 80,	4.9	8
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104	Observation of two-source interference in the photoproduction reaction AuAu \rightarrow AuAu ρ 0. <i>Physical Review Letters</i> , 2009 , 102, 112301	7.4	26
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102	Longitudinal double-spin asymmetry for inclusive jet production in p[over \rightarrow] + p[over \rightarrow] collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2008 , 100, 232003	7.4	82
101	Enhanced strange baryon production in Au+Au collisions compared to p+p at $\sqrt{s}=200$ GeV. <i>Physical Review C</i> , 2008 , 77,	2.7	78
100	Centrality dependence of charged hadron and strange hadron elliptic flow from $\sqrt{s}=200$ GeV Au+Au collisions. <i>Physical Review C</i> , 2008 , 77,	2.7	193
99	Soft heavy-ion physics from hydrodynamics with statistical hadronization: Predictions for collisions at $\sqrt{s}=5.5$ TeV. <i>Physical Review C</i> , 2008 , 78,	2.7	35
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96	ρ photoproduction in ultraperipheral relativistic heavy ion collisions at $\sqrt{s}=200$ GeV. <i>Physical Review C</i> , 2008 , 77,	2.7	55
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89	Non-identical particle femtoscopy in models with single freeze-out. <i>Brazilian Journal of Physics</i> , 2007 , 37, 917-924	1.2	12
88	Energy dependence of . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 655, 104-113	4.2	140
87	Strangelet search in Au+Au collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2007 , 76,	2.7	16
86	Scaling properties of hyperon production in Au+Au collisions at square root $[\sqrt{s_{NN}}]=200$ GeV. <i>Physical Review Letters</i> , 2007 , 98, 062301	7.4	156
85	Measurement of transverse single-spin asymmetries for Dijet production in proton-proton collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2007 , 99, 142003	7.4	32
84	Rapidity and species dependence of particle production at large transverse momentum for d+Au collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2007 , 76,	2.7	12
83	$\langle \eta \rangle$ correlations in central Au+Au collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2007 , 75,	2.7	44
82	Exploring lifetime effects in femtoscopy. <i>Physical Review C</i> , 2007 , 76,	2.7	7
81	Partonic Flow and phi-Meson production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review Letters</i> , 2007 , 99, 112301	7.4	158
80	Forward $\langle p \rangle$ production and nuclear stopping power in d+Au collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2007 , 76,	2.7	3
79	Global polarization measurement in Au+Au collisions. <i>Physical Review C</i> , 2007 , 76,	2.7	88
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72	Minijet deformation and charge-independent angular correlations on momentum subspace (\mathbb{P}) in Au-Au collisions at sNN=130 GeV. <i>Physical Review C</i> , 2006 , 73,	2.7	156
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69	Multiplicity and pseudorapidity distributions of charged particles and photons at forward pseudorapidity in Au+Au collisions at sNN=62.4 GeV. <i>Physical Review C</i> , 2006 , 73,	2.7	38
68	Strange baryon resonance production in sqrt s NN=200 GeV p+p and Au+Au collisions. <i>Physical Review Letters</i> , 2006 , 97, 132301	7.4	95
67	Identified baryon and meson distributions at large transverse momenta from Au + Au collisions at square root sNN=200 GeV. <i>Physical Review Letters</i> , 2006 , 97, 152301	7.4	227
66	Forward neutral pion production in p + p and d + Au collisions at square root sNN=200 GeV. <i>Physical Review Letters</i> , 2006 , 97, 152302	7.4	140
65	Longitudinal double-spin asymmetry and cross section for inclusive jet production in polarized proton collisions at square root of s = 200 GeV. <i>Physical Review Letters</i> , 2006 , 97, 252001	7.4	127
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52	Incident energy dependence of pt correlations at relativistic energies. <i>Physical Review C</i> , 2005 , 72,	2.7	69
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50	Multiplicity and pseudorapidity distributions of photons in Au+Au collisions at square root of $(\sqrt{s_{NN}}) = 62.4\text{ GeV}$. <i>Physical Review Letters</i> , 2005 , 95, 062301	7.4	40
49	Distributions of charged hadrons associated with high transverse momentum particles in pp and Au+Au collisions at $\sqrt{s_{NN}}=200\text{ GeV}$. <i>Physical Review Letters</i> , 2005 , 95, 152301	7.4	402
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47	Event-wise $\langle pt \rangle$ fluctuations in Au-Au collisions at $\sqrt{s_{NN}}=130\text{ GeV}$. <i>Physical Review C</i> , 2005 , 71,	2.7	59
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40	Rapidity and centrality dependence of proton and antiproton production from Au+Au collisions at $\sqrt{s_{NN}}=130\text{GeV}$. <i>Physical Review C</i> , 2004 , 70,	2.7	19
39	Photon and neutral pion production in Au+Au collisions at $\sqrt{s_{NN}}=130\text{GeV}$. <i>Physical Review C</i> , 2004 , 70,	2.7	17

38	Azimuthal anisotropy and correlations at large transverse momenta in p + p and Au + Au collisions at square root $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2004 , 93, 252301	7.4	111
37	Identified particle distributions in pp and Au+Au collisions at square root of $(\sqrt{s_{NN}})=200$ GeV. <i>Physical Review Letters</i> , 2004 , 92, 112301	7.4	336
36	Cross sections and transverse single-spin asymmetries in forward neutral-pion production from proton collisions at $\sqrt{s}=200$ GeV. <i>Physical Review Letters</i> , 2004 , 92, 171801	7.4	202
35	Rho0 production and possible modification in Au+Au and p+p collisions at square root $[\sqrt{s_{NN}}] = 200$ GeV. <i>Physical Review Letters</i> , 2004 , 92, 092301	7.4	112
34	Centrality and pseudorapidity dependence of charged hadron production at intermediate pT in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review C</i> , 2004 , 70,	2.7	9
33	Production of e+e- pairs accompanied by nuclear dissociation in ultraperipheral heavy-ion collisions. <i>Physical Review C</i> , 2004 , 70,	2.7	67
32	Multistrange baryon production in Au-Au collisions at $\sqrt{s(\text{NN})}=130$ GeV. <i>Physical Review Letters</i> , 2004 , 92, 182301	7.4	127
31	Particle-type dependence of azimuthal anisotropy and nuclear modification of particle production in Au+Au collisions at square root of $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2004 , 92, 052302	7.4	443
30	Pseudorapidity asymmetry and centrality dependence of charged hadron spectra in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2004 , 70,	2.7	33
29	Measurements of transverse energy distributions in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2004 , 70,	2.7	57
28	Non-identical particle correlations in STAR. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2004 , 21, 315-320		
27	Kaon production and kaon to pion ratio in Au + Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 595, 143-150	4.2	51
26	Strange antiparticle-to-particle ratios at mid-rapidity in $\sqrt{s_{NN}}=130$ GeV Au+Au collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 567, 167-174	4.2	38
25	The STAR silicon strip detector (SSD). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 499, 652-658	1.2	15
24	STAR detector overview. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 499, 624-632	1.2	480
23	Evidence from d+Au measurements for final-state suppression of high-p(T) hadrons in Au+Au collisions at RHIC. <i>Physical Review Letters</i> , 2003 , 91, 072304	7.4	468
22	Narrowing of the balance function with centrality in Au+Au collisions at the square root of $\sqrt{s_{NN}} = 130$ GeV. <i>Physical Review Letters</i> , 2003 , 90, 172301	7.4	79
21	Disappearance of back-to-back high-pT hadron correlations in central Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review Letters</i> , 2003 , 90, 082302	7.4	537

20	Transverse-momentum and collision-energy dependence of high-pT hadron suppression in Au+Au collisions at ultrarelativistic energies. <i>Physical Review Letters</i> , 2003 , 91, 172302	7.4	542
19	Net charge fluctuations in Au+Au collisions at sNN=130GeV. <i>Physical Review C</i> , 2003 , 68,	2.7	96
18	Pion-Kaon correlations in central Au+Au collisions at square root [sNN] = 130 GeV. <i>Physical Review Letters</i> , 2003 , 91, 262302	7.4	30
17	Three-pion Hanbury Brown-Twiss correlations in relativistic heavy-ion collisions from the STAR experiment. <i>Physical Review Letters</i> , 2003 , 91, 262301	7.4	38
16	Azimuthal anisotropy and correlations in the hard scattering regime at RHIC. <i>Physical Review Letters</i> , 2003 , 90, 032301	7.4	160
15	Midrapidity Lambda and Lambda(macro) production in Au+Au collisions at the square root of [s(NN)]=130 GeV. <i>Physical Review Letters</i> , 2002 , 89, 092301	7.4	151
14	Azimuthal anisotropy of K(0)(S) and Lambda+Lambda production at midrapidity from Au+Au collisions at sqrt[s(NN)]=130 GeV. <i>Physical Review Letters</i> , 2002 , 89, 132301	7.4	108
13	Coherent rho(0) production in ultraperipheral heavy-ion collisions. <i>Physical Review Letters</i> , 2002 , 89, 272302	7.4	90
12	Centrality dependence of high-p(T) hadron suppression in Au+Au collisions at sqrt[s(NN)]=130 GeV. <i>Physical Review Letters</i> , 2002 , 89, 202301	7.4	459
11	K*(892)0 production in relativistic heavy ion collisions at sNN=130GeV. <i>Physical Review C</i> , 2002 , 66,	2.7	44
10	Midrapidity phi production in Au+Au collisions at sNN=130 GeV. <i>Physical Review C</i> , 2002 , 65,	2.7	81
9	Strangeness in Au+Au collisions at sqrt[sNN] = 130 GeV observed with the STAR detector. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002 , 28, 1535-1542	2.9	11
8	Elliptic flow from two- and four-particle correlations in Au+Au collisions at sNN=130GeV. <i>Physical Review C</i> , 2002 , 66,	2.7	287
7	Multiplicity distribution and spectra of negatively charged hadrons in Au+Au collisions at square root of (sNN) = 130 GeV. <i>Physical Review Letters</i> , 2001 , 87, 112303	7.4	158
6	Midrapidity antiproton-to-proton ratio from Au+Au collisions at sqrt [s(NN)]=130 GeV. <i>Physical Review Letters</i> , 2001 , 86, 4778-82	7.4	113
5	Publisher's Note: d and 3He Production in sqrt[sNN]=130GeV Au+Au Collisions[Phys. Rev. Lett. 87, 262301 (2001)]. <i>Physical Review Letters</i> , 2001 , 87,	7.4	6
4	Measurement of inclusive antiprotons from Au+Au collisions at square root of s(NN) = 130 GeV. <i>Physical Review Letters</i> , 2001 , 87, 262302	7.4	82
3	d Macro and (3)He macro production in square root of s(NN) = 130 GeV Au+Au collisions. <i>Physical Review Letters</i> , 2001 , 87, 262301	7.4	58

2	Identified Particle Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}}=130\text{GeV}$. <i>Physical Review Letters</i> , 2001 , 87,	7.4	246
1	Pion Interferometry of square root of $(s_{NN}) = 130\text{ GeV}$ Au + Au collisions at RHIC. <i>Physical Review Letters</i> , 2001 , 87, 082301	7.4	193