

Adam Kisiel

List of Publications by Citations

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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	Experimental and theoretical challenges in the search for the quark-gluon plasma: The STAR Collaboration's critical assessment of the evidence from RHIC collisions. <i>Nuclear Physics A</i> , 2005 , 757, 102-183	1.3	2274
594	Systematic measurements of identified particle spectra in pp, d+Au, and Au+Au collisions at the STAR detector. <i>Physical Review C</i> , 2009 , 79,	2.7	585
593	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
592	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
591	Elliptic flow of charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 252302	7.4	525
590	The ALICE experiment at the CERN LHC. <i>Journal of Instrumentation</i> , 2008 , 3, S08002-S08002	1	517
589	Long-range angular correlations on the near and away side in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 29-41	4.2	486
588	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
587	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
586	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2005 , 72,	2.7	467
585	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
584	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
583	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
582	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
581	Distributions of charged hadrons associated with high transverse momentum particles in pp and Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2005 , 95, 152301	7.4	402
580	Suppression of charged particle production at large transverse momentum in central PbPb 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
579	ALICE: Physics Performance Report, Volume II. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 32, 1295-2040	2.9	386

578	Azimuthal charged-particle correlations and possible local strong parity violation. <i>Physical Review Letters</i> , 2009 , 103, 251601	7.4	352
577	Transverse momentum and centrality dependence of high-pT nonphotonic electron suppression in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2007 , 98, 192301	7.4	337
576	Centrality dependence of Λ K, and p production in Pb-Pb collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , 2013 , 88,	2.7	336
575	Identified particle distributions in pp and Au+Au collisions at square root of $(s_{NN})=200$ GeV. <i>Physical Review Letters</i> , 2004 , 92, 112301	7.4	336
574	Global Λ hyperon polarization in nuclear collisions. <i>Nature</i> , 2017 , 548, 62-65	50.4	325
573	Performance of the ALICE experiment at the CERN LHC. <i>International Journal of Modern Physics A</i> , 2014 , 29, 1430044	1.2	325
572	Energy dependence of moments of net-proton multiplicity distributions at RHIC. <i>Physical Review Letters</i> , 2014 , 112, 032302	7.4	299
571	Elliptic flow from two- and four-particle correlations in Au+Au collisions at $s_{NN}=130$ GeV. <i>Physical Review C</i> , 2002 , 66,	2.7	287
570	Centrality dependence of charged particle production at large transverse momentum in PbPb collisions at $s_{NN}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 720, 52-62	4.2	255
569	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
568	Enhanced production of multi-strange hadrons in high-multiplicity proton-proton collisions. <i>Nature Physics</i> , 2017 , 13, 535-539	16.2	247
567	Identified Particle Elliptic Flow in Au+Au Collisions at $s_{NN}=130$ GeV. <i>Physical Review Letters</i> , 2001 , 87,	7.4	246
566	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
565	Higher moments of net proton multiplicity distributions at RHIC. <i>Physical Review Letters</i> , 2010 , 105, 022302	7.4	237
564	Identified baryon and meson distributions at large transverse momenta from Au + Au collisions at square root $s_{NN}=200$ GeV. <i>Physical Review Letters</i> , 2006 , 97, 152301	7.4	227
563	Pion interferometry in Au+Au collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2005 , 71,	2.7	224
562	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
561	Strange particle production in p+p collisions at $s=200$ GeV. <i>Physical Review C</i> , 2007 , 75,	2.7	218

560	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76\mathrm{TeV}$). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	214
559	$K(S)0$ and \bar{p} production in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 222301	7-4	213
558	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
557	Centrality determination of Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV with ALICE. <i>Physical Review C</i> , 2013 , 88,	2-7	206
556	Long-range angular correlations of \bar{K} and p in pPb collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 726, 164-177	4-2	205
555	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
554	Identified hadron spectra at large transverse momentum in p+p and d+Au collisions at $\sqrt{s_{\mathrm{NN}}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 637, 161-169	4-2	201
553	Two-pion Bose-Einstein correlations in central PbPb collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 328-337	4-2	200
552	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
551	Centrality dependence of charged hadron and strange hadron elliptic flow from $\sqrt{s_{\mathrm{NN}}}=200$ GeV Au+Au collisions. <i>Physical Review C</i> , 2008 , 77,	2-7	193
550	Pion Interferometry of square root of ($\sqrt{s_{\mathrm{NN}}})=130$ GeV Au + Au collisions at RHIC. <i>Physical Review Letters</i> , 2001 , 87, 082301	7-4	193
549	Observation of an antimatter hypernucleus. <i>Science</i> , 2010 , 328, 58-62	33-3	191
548	Long range rapidity correlations and jet production in high energy nuclear collisions. <i>Physical Review C</i> , 2009 , 80,	2-7	191
547	Open charm yields in d+Au collisions at $\sqrt{s_{\mathrm{NN}}}=200$ GeV. <i>Physical Review Letters</i> , 2005 , 94, 062301	7-4	190
546	Charged-particle multiplicity measurement in proton-proton collisions at ($\sqrt{s}=0.9$) and 2.36 TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010 , 68, 89-108	4-2	179
545	Azimuthal anisotropy at the relativistic heavy ion collider: the first and fourth harmonics. <i>Physical Review Letters</i> , 2004 , 92, 062301	7-4	177
544	Production of pions, kaons and protons in pp collisions at ($\sqrt{s}=900\mathrm{GeV}$) with ALICE at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4-2	176
543	Multi-strange baryon production at mid-rapidity in PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 728, 216-227	4-2	173

542	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
541	Harmonic decomposition of two particle angular correlations in Pb-Pb 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
540	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 012301	7.4	167
539	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
538	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
537	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 736, 196-207	4.2	161
536	Azimuthal anisotropy and correlations in the hard scattering regime at RHIC. <i>Physical Review Letters</i> , 2003 , 90, 032301	7.4	160
535	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
534	Multiplicity distribution and spectra of negatively charged hadrons in Au+Au collisions at square root of $(\sqrt{s_{NN}}) = 130$ GeV. <i>Physical Review Letters</i> , 2001 , 87, 112303	7.4	158
533	Direct observation of dijets in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2006 , 97, 162301	7.4	157
532	Minijet deformation and charge-independent angular correlations on momentum subspace (\mathbb{P}) in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review C</i> , 2006 , 73,	2.7	156
531	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
530	η meson production in Au+Au and p+p collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 612, 181-189	4.2	155
529	Pion, kaon, and proton production in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 252301	7.4	153
528	$K^*(892)^0$ and $\eta(1020)$ production in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2015 , 91,	2.7	152
527	Midrapidity Lambda and Lambda(macro) production in Au+Au collisions at the square root of $[\sqrt{s_{NN}}]=130$ GeV. <i>Physical Review Letters</i> , 2002 , 89, 092301	7.4	151
526	Charmonium and pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2617	4.2	150
525	Centrality, rapidity and transverse momentum dependence of η . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 734, 314-327	4.2	147

524	Multistrange Baryon elliptic flow in Au+Au collisions at square root of $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2005 , 95, 122301	7.4	147
523	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
522	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
521	Energy dependence of $\langle \eta \rangle$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 655, 104-113	4.2	140
520	Forward neutral pion production in p + p and d + Au collisions at square root $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2006 , 97, 152302	7.4	140
519	Observation of D0 meson nuclear modifications in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review Letters</i> , 2014 , 113, 142301	7.4	136
518	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
517	Transverse momentum distribution and nuclear modification factor of charged particles in p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 082302	7.4	135
516	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s}=900$ 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
515	Pseudorapidity density of charged particles in p+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , 2013 , 110, 032301	7.4	133
514	$K(892)^*$ resonance production in Au+Au and p+p collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2005 , 71,	2.7	133
513	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high 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 , 719, 18-28	4.2	131
512	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
511	Performance of the ALICE VZERO system. <i>Journal of Instrumentation</i> , 2013 , 8, P10016-P10016	1	128
510	THERMINATOR: THERMal heavy-IoN generATOR. <i>Computer Physics Communications</i> , 2006 , 174, 669-687	4.2	128
509	Centrality dependence of the pseudorapidity density distribution for 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> , 2013 , 726, 610-622	4.2	127
508	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
507	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

506	Multistrange baryon production in Au-Au collisions at $\sqrt{s(NN)}=130$ GeV. <i>Physical Review Letters</i> , 2004 , 92, 182301	7.4	127
505	THERMINATOR 2: THERMal heavy IoN generATOR 2. <i>Computer Physics Communications</i> , 2012 , 183, 746-773	7.3	123
504	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
503	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
502	Observation of the antimatter helium-4 nucleus. <i>Nature</i> , 2011 , 473, 353-6	50.4	120
501	Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. <i>Journal of Instrumentation</i> , 2010 , 5, P03003-P03003	1	120
500	Forward neutral-pion transverse single-spin asymmetries in p + p collisions at $\sqrt{s} = 200$ GeV. <i>Physical Review Letters</i> , 2008 , 101, 222001	7.4	117
499	Direct photon production in PbPb collisions at $s_{NN}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 235-248	4.2	116
498	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, 111-125	4.25	113
497	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
496	Neutral pion and meson production in proton-proton collisions at $s=0.9$ TeV and $s=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 717, 162-172	4.2	112
495	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
494	Azimuthal anisotropy and correlations at large transverse momenta in p + p and Au + Au collisions at square root $s_{NN}=200$ GeV. <i>Physical Review Letters</i> , 2004 , 93, 252301	7.4	111
493	Global polarization of hyperons in Au + Au collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2018 , 98,	2.7	110
492	Pion, kaon, proton and anti-proton transverse momentum distributions from p+p and d+Au collisions at $s_{NN}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 616, 8-16	4.2	109
491	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
490	Centrality dependence of particle production in Pb collisions at $s_{NN}=5.02$ TeV. <i>Physical Review C</i> , 2015 , 91,	2.7	107
489	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

488	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
487	Rapidity and transverse momentum dependence of inclusive π^0 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 442-455	4.2	104
486	Mass, quark-number, and sNN dependence of the second and fourth flow harmonics in ultrarelativistic nucleus-nucleus collisions. <i>Physical Review C</i> , 2007 , 75,	2.7	104
485	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
484	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
483	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
482	Production of $K^*(892)^0$ and $\phi(1020)$ in pp collisions at $(\sqrt{s}=7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	99
481	Measurements of ϕ meson production in relativistic heavy-ion collisions at the BNL Relativistic Heavy Ion Collider (RHIC). <i>Physical Review C</i> , 2009 , 79,	2.7	99
480	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
479	Inclusive charged hadron elliptic flow in Au + Au collisions at $\sqrt{s_{NN}}=7.7 \text{ GeV}$. <i>Physical Review C</i> , 2012 , 86,	2.7	98
478	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
477	Uniform description of soft observables in heavy-ion collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2008 , 101, 022301	7.4	97
476	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
475	Net charge fluctuations in Au+Au collisions at $\sqrt{s_{NN}}=130 \text{ GeV}$. <i>Physical Review C</i> , 2003 , 68,	2.7	96
474	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
473	Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s_{NN}}=7.7 \text{ GeV}$. <i>Physical Review C</i> , 2013 , 88,	2.7	92
472	Elliptic flow of identified hadrons in Pb-Pb collisions at $(\sqrt{s_{NN}}=2.76) \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	91
471	H^0 and H^{\pm} production in PbPb collisions at $\sqrt{s_{NN}}=2.76 \text{ TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 754, 360-372	4.2	91

470	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
469	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
468	Coherent $\rho(0)$ production in ultraperipheral heavy-ion collisions. <i>Physical Review Letters</i> , 2002 , 89, 272302	7.4	90
467	J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 082001	7.4	89
466	Global polarization measurement in Au+Au collisions. <i>Physical Review C</i> , 2007 , 76,	2.7	88
465	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
464	Multi-strange baryon production in p Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 758, 389-401	4.2	86
463	Third harmonic flow of charged particles in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2013 , 88,	2.7	86
462	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
461	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
460	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
459	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
458	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
457	Midrapidity ψ production in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review C</i> , 2002 , 65,	2.7	81
456	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
455	Measurements of D_0 and D^* production in p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	79
454	System-size independence of directed flow measured at the BNL relativistic heavy-ion collider. <i>Physical Review Letters</i> , 2008 , 101, 252301	7.4	79
453	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

452	Enhanced strange baryon production in Au+Au collisions compared to p+p at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2008 , 77,	2.7	78
451	Azimuthally Sensitive Hanbury Brown-Twiss Interferometry in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2004 , 93,	7.4	78
450	Femtoscopia 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
449	J/ ψ production at high transverse momenta in p+p and Cu+Cu collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	76
448	Production of muons from heavy flavor decays at forward rapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2012 , 109, 112301	7.4	76
447	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
446	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
445	Transverse-momentum correlations on $\langle\Delta\phi\rangle$ from mean-pT fluctuations in Au+Au collisions at GeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 32, L37-L48	2.9	75
444	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
443	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
442	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
441	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
440	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
439	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
438	Measurement of prompt D-meson production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review Letters</i> , 2014 , 113, 232301	7.4	70
437	Fluctuations of charge separation perpendicular to the event plane and local parity violation in $\sqrt{s_{NN}}=200$ GeV Au + Au collisions at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2013 , 88,	2.7	70
436	Growth of long range forward-backward multiplicity correlations with centrality in Au + Au collisions at square root of $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review Letters</i> , 2009 , 103, 172301	7.4	70
435	Incident energy dependence of pt correlations at relativistic energies. <i>Physical Review C</i> , 2005 , 72,	2.7	69

434	Suppression of η production in d+Au and Au+Au collisions at $\sqrt{s_{NN}}=200\text{GeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 735, 127-137	4.2	67
433	Production of e^+e^- pairs accompanied by nuclear dissociation in ultraperipheral heavy-ion collisions. <i>Physical Review C</i> , 2004 , 70,	2.7	67
432	Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in pPb collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 720-735	4.2	67
431	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
430	Transverse momentum dependence of D-meson production in Pb-Pb collisions at ($\sqrt{s_{NN}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	65
429	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
428	Production of $K^*(892)$ and $\phi(1020)$ in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 245	4.2	63
427	Measurement of quarkonium production at forward rapidity in $\sqrt{s_{NN}}=2.76$ TeV collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>European Physical Journal C</i> , 2014 , 74, 2974	4.2	63
426	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s_{NN}}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 722, 262-272	4.2	63
425	Identified hadron compositions in p+p and Au+Au collisions at high transverse momenta at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2012 , 108, 072302	7.4	62
424	J/ψ elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 162301	7.4	61
423	Multiplicity dependence of light-flavor hadron production in pp collisions at $\sqrt{s_{NN}}=7$ TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	60
422	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
421	Neutral pion production at midrapidity in pp and PbPb collisions at ($\sqrt{s_{NN}}=2.76, \text{TeV}$). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	60
420	Upgrade of the ALICE Experiment: Letter Of Intent. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 087001	2.9	59
419	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 708, 265-275	4.2	59
418	$K^*(892)^0$ 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
417	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2014 , 89,	2.7	59

416	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
415	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
414	Femtoscopy in hydrodynamics-inspired models with resonances. <i>Physical Review C</i> , 2006 , 73,	2.7	59
413	Event-wise $\langle pt \rangle$ fluctuations in Au-Au collisions at $\sqrt{sNN}=130$ GeV. <i>Physical Review C</i> , 2005 , 71,	2.7	59
412	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
411	Exclusive J/ψ photoproduction off protons in ultraperipheral p-Pb collisions at $\sqrt{s(NN)}=5.02$ TeV. <i>Physical Review Letters</i> , 2014 , 113, 232504	7.4	58
410	Transverse single-spin asymmetry and cross section for D and \bar{D} mesons at large Feynman x in $p+p$ collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2012 , 86,	4.9	58
409	d Macro and (^3He) macro production in square root of $\sqrt{s(NN)} = 130$ GeV Au+Au collisions. <i>Physical Review Letters</i> , 2001 , 87, 262301	7.4	58
408	Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{sNN}=2.76$ TeV. <i>Physical Review C</i> , 2016 , 93,	2.7	57
407	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
406	Two-pion Bose-Einstein correlations in pp collisions at $\sqrt{s}=900$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	57
405	Measurements of transverse energy distributions in Au+Au collisions at $\sqrt{sNN}=200$ GeV. <i>Physical Review C</i> , 2004 , 70,	2.7	57
404	J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{sNN}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 766, 212-224	4.2	56
403	Suppression of $\psi(1S)$ at forward rapidity in Pb-Pb collisions at $\sqrt{sNN}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 361-372	4.2	56
402	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
401	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
400	D photoproduction in ultraperipheral relativistic heavy ion collisions at $\sqrt{sNN}=200$ GeV. <i>Physical Review C</i> , 2008 , 77,	2.7	55
399	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

398	Production of inclusive $\psi(1S)$ and $\psi(2S)$ 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
397	Correlation function in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2015 , 114, 022301	7.4	54
396	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
395	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
394	Azimuthal Anisotropy in U+U and Au+Au Collisions at RHIC. <i>Physical Review Letters</i> , 2015 , 115, 222301	7.4	53
393	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
392	Multiplicity dependence of inclusive pt spectra from pPb collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2006 , 74,	4.9	53
391	Transverse momentum dependence of inclusive primary charged-particle production in pPb collisions at ($\sqrt{s_{\text{NN}}}=5.02$ TeV). <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	52
390	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at ($\sqrt{s_{\text{NN}}}=2.76$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	51
389	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
388	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
387	Production of ^4He and $^4\text{He}^*$ in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV at the LHC. <i>Nuclear Physics A</i> , 2018 , 971, 1-20	1.3	50
386	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
385	Directed flow in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. <i>Physical Review C</i> , 2006 , 73,	2.7	50
384	Charged and strange hadron elliptic flow in Cu+Cu collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	49
383	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
382	K/π Fluctuations at relativistic energies. <i>Physical Review Letters</i> , 2009 , 103, 092301	7.4	48
381	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

380	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
379	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
378	Directed flow of charged particles at midrapidity relative to the spectator plane in Pb-Pb collisions at ($\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 232302	7.4	47
377	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
376	Measurement of interaction between antiprotons. <i>Nature</i> , 2015 , 527, 345-8	50.4	46
375	Production of charged pions, kaons, and (anti-)protons in Pb-Pb and inelastic pp collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review C</i> , 2020 , 101,	2.7	46
374	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
373	Hadronic resonance production in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV measured at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2008 , 78,	2.7	46
372	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
371	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
370	Dielectron mass spectra from Au+Au collisions at ($\sqrt{s_{NN}}=200$ GeV. <i>Physical Review Letters</i> , 2014 , 113, 022301	7.4	45
369	Pion interferometry in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	45
368	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
367	Measurement of the parity-violating longitudinal single-spin asymmetry for W boson production in polarized proton-proton collisions at $\sqrt{s} = 500$ GeV. <i>Physical Review Letters</i> , 2011 , 106, 062002	7.4	44
366	ϕ correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2007 , 75,	2.7	44
365	K*(892)0 production in relativistic heavy ion collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review C</i> , 2002 , 66,	2.7	44
364	Production of deuterons, tritons, He3 nuclei, and their antinuclei in pp collisions at $\sqrt{s}=0.9, 2.76,$ and 7 TeV. <i>Physical Review C</i> , 2018 , 97,	2.7	42
363	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

362	Beam-energy and system-size dependence of dynamical net charge fluctuations. <i>Physical Review C</i> , 2009 , 79,	2.7	42
361	Free-streaming approximation in early dynamics of relativistic heavy-ion collisions. <i>Physical Review C</i> , 2009 , 80,	2.7	42
360	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
359	Polarization of $\Lambda(\overline{\Lambda})$ 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
358	Anisotropic flow in Xe-Xe 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
357	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
356	J/ψ production at low p_T in Au + Au and Cu + Cu collisions at $\sqrt{s_{NN}}=200$ GeV with the STAR detector. <i>Physical Review C</i> , 2014 , 90,	2.7	41
355	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
354	Proton- \bar{p} correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2006 , 74,	2.7	41
353	Beam-Energy Dependence of Directed Flow of $\Lambda(\overline{\Lambda})$, K^{\pm} , K_{s}^{*0} , and ϕ in Au+Au Collisions. <i>Physical Review Letters</i> , 2018 , 120, 062301	7.4	40
352	Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s_{NN}}=7.7$ to 2.4 GeV. <i>Physical Review C</i> , 2016 , 93,	2.7	40
351	Measurement of the Transverse Single-Spin Asymmetry in $p^{\pm}+p \rightarrow W^{\pm}/Z^0$ at RHIC. <i>Physical Review Letters</i> , 2016 , 116, 132301	7.4	40
350	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
349	Measurement of electrons from beauty hadron decays in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 721, 13-23	4.2	40
348	Multiplicity and pseudorapidity distributions of photons in Au+Au collisions at square root of $(\sqrt{s_{NN}}) = 62.4$ GeV. <i>Physical Review Letters</i> , 2005 , 95, 062301	7.4	40
347	Centrality and pseudorapidity dependence of the charged-particle multiplicity density in Xe-Xe collisions at $\sqrt{s_{NN}}=5.44$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 790, 35-48	4.2	40
346	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
345	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

344	High p_T nonphotonic electron production in p+p collisions at $s=200$ GeV. <i>Physical Review D</i> , 2011 , 83,	4.9	38
343	Multiplicity and pseudorapidity distributions of charged particles and photons at forward pseudorapidity in Au+Au collisions at $s_{NN}=62.4$ GeV. <i>Physical Review C</i> , 2006 , 73,	2.7	38
342	Strange antiparticle-to-particle ratios at mid-rapidity in $s_{NN}=130$ GeV Au+Au collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 567, 167-174	4.2	38
341	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
340	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
339	Centrality and Transverse Momentum Dependence of Elliptic Flow of Multistrange Hadrons and η Meson in Au+Au Collisions at $[s_{NN}]=200$ GeV. <i>Physical Review Letters</i> , 2016 , 116, 062301	7.4	37
338	Jet-hadron correlations in $[s_{NN}]=200$ GeV p+p and central Au+Au collisions. <i>Physical Review Letters</i> , 2014 , 112, 122301	7.4	37
337	Constraining the magnitude of the Chiral Magnetic Effect with Event Shape Engineering in PbPb collisions at $s_{NN}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 777, 151-162	4.2	36
336	Charge-dependent flow and the search for the chiral magnetic wave in Pb-Pb collisions at $s_{NN}=2.76$ TeV. <i>Physical Review C</i> , 2016 , 93,	2.7	36
335	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
334	Energy and system-size dependence of two- and four-particle v_2 measurements in heavy-ion collisions at $s_{NN}=62.4$ and 200 GeV and their implications on flow fluctuations and nonflow. <i>Physical Review C</i> , 2012 , 86,	2.7	36
333	J/ψ production and nuclear effects in p-Pb collisions at $(\sqrt{s_{NN}}) = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	35
332	Event-by-event mean $\langle \vec{p}_T \rangle$ fluctuations in pp and PbPb collisions at the LHC. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	35
331	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $s_{NN}=2.76$ TeV at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2014 , 89,	2.7	35
330	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
329	Soft heavy-ion physics from hydrodynamics with statistical hadronization: Predictions for collisions at $s_{NN}=5.5$ TeV. <i>Physical Review C</i> , 2008 , 78,	2.7	35
328	D-meson production in p-Pb collisions at $s_{NN}=5.02$ TeV and in pp collisions at $s=7$ TeV. <i>Physical Review C</i> , 2016 , 94,	2.7	35
327	Forward-central two-particle correlations in pPb collisions at $s_{NN}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 126-139	4.2	34

326	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
325	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
324	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
323	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
322	$p\bar{p}$, $p\bar{\Lambda}$ and $\bar{\Lambda}\bar{\Lambda}$ correlations studied via femtoscopy in pp reactions at $s=7$ TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	33
321	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
320	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
319	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
318	Pion femtoscopy in p + p collisions at $s=200$ GeV. <i>Physical Review C</i> , 2011 , 83,	2.7	33
317	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
316	Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range 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, 373-385	4.2	32
315	Charge correlations using the balance function in PbPb collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 267-279	4.2	32
314	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
313	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at ($\sqrt{s_{NN}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	32
312	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
311	Centrality and transverse momentum dependence of D0-meson production at mid-rapidity in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2019 , 99,	2.7	31
310	Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector. <i>Journal of Instrumentation</i> , 2014 , 9, P11003-P11003	1	31
309	The energy dependence ofptangular correlations inferred from mean-ptfluctuation scale dependence in heavy ion collisions at the SPS and RHIC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 451-465	2.9	31

308	Measurement of elliptic flow of light nuclei at $\sqrt{s_{NN}}=200, 62.4, 39, 27, 19.6, 11.5,$ and 7.7 GeV at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2016 , 94,	2.7	31
307	Measurement of D^0, 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
306	\bar{D}^0 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
305	Study of the \bar{D}^0 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
304	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review C</i> , 2015 , 91,	2.7	30
303	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. <i>Physical Review Letters</i> , 2019 , 123, 112002	7.4	30
302	Coherent ($2S$) 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
301	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
300	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
299	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
298	Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2009 , 80,	4.9	30
297	Hadronization geometry from net-charge angular correlations on momentum subspace. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 634, 347-355	4.2	30
296	Pion-Kaon correlations in central Au+Au collisions at square root [$\sqrt{s_{NN}}$] = 130 GeV. <i>Physical Review Letters</i> , 2003 , 91, 262302	7.4	30
295	\bar{D}^0 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
294	Probing parton dynamics of QCD matter with \bar{D}^0 and \bar{K}^0 production. <i>Physical Review C</i> , 2016 , 93,	2.7	29
293	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
292	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
291	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

290	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $s=200$ GeV. <i>Physical Review D</i> , 2014 , 89,	4.9	28
289	Inclusive \bar{D} , D and direct photon production at high transverse momentum in p+p and d+Au collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	28
288	Spin alignment measurements of the $K^*(892)$ and $\rho(1020)$ vector mesons in heavy ion collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2008 , 77,	2.7	28
287	Neutral kaon interferometry in Au+Au collisions at $s_{NN}=200$ GeV. <i>Physical Review C</i> , 2006 , 74,	2.7	27
286	The proton- \bar{p} correlation function in Au + Au collisions at $s_{NN}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 790, 490-497	4.2	26
285	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
284	Scaling properties at freeze-out in relativistic heavy-ion collisions. <i>Physical Review C</i> , 2011 , 83,	2.7	26
283	System size and energy dependence of near-side dihadron correlations. <i>Physical Review C</i> , 2012 , 85,	2.7	26
282	Observation of two-source interference in the photoproduction reaction $AuAu \rightarrow AuAu\pi^0$. <i>Physical Review Letters</i> , 2009 , 102, 112301	7.4	26
281	Jet-like correlations with direct-photon and neutral-pion triggers at $s_{NN}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 689-696	4.2	26
280	Measurement of the H^0 lifetime in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2018 , 97,	2.7	26
279	Measurement of $(\{D^0\})$, $(\{D^+\})$, $(\{D^{*+}\})$ and $(\{D^+_{s1}\})$ production in pp collisions at $(\sqrt{s} \sim 5.02 \text{ TeV})$ with ALICE. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	25
278	Multiplicity dependence of jet-like two-particle correlation structures in pPb collisions at $s_{NN}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 741, 38-50	4.2	25
277	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
276	Measurement of deuteron spectra and elliptic flow in PbPb collisions at $(\sqrt{s_{NN}}) = 2.76$ TeV at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	25
275	Directed flow of identified particles in Au+Au collisions at $[s_{NN}]=200$ GeV at RHIC. <i>Physical Review Letters</i> , 2012 , 108, 202301	7.4	25
274	Particle identification in ALICE: a Bayesian approach. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3.1	25
273	Direct virtual photon production in Au+Au collisions at $s_{NN}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 770, 451-458	4.2	24

272	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
271	Centrality dependence of pion freeze-out radii in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. <i>Physical Review C</i> , 2016 , 93,	2.7	24
270	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
269	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
268	Single spin asymmetry A_N in polarized proton-proton elastic scattering at $\sqrt{s}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 62-69	4.2	24
267	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
266	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}}=19.6$ and 200 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 64-71	4.2	24
265	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
264	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at ($\sqrt{s}=0.9, 2.76, 7, 13$) TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	24
263	Charged kaon femtoscopic correlations in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2013 , 87,	4.9	24
262	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{\mathrm{NN}}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 467-473	4.2	24
261	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
260	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
259	Differential studies of inclusive J/ψ and $\Upsilon(2S)$ 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
258	Centrality dependence of charged jet production in p-Pb collisions at [$\sqrt{s_{\mathrm{NN}}}$] = 5.02 TeV. <i>European Physical Journal C</i> , 2016 , 76, 271	4.2	23
257	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
256	(π^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
255	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

254	Mid-rapidity anti-baryon to baryon ratios in pp collisions at ($\sqrt{s} = 0.9, 2.76$ TeV) measured by ALICE. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	23
253	Coherent \bar{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
252	Effect of event selection on jetlike correlation measurement in d + Au collisions at $\sqrt{s_{\mathrm{NN}}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 743, 333-339	4.2	22
251	Precision measurement of the mass difference between light nuclei and anti-nuclei. <i>Nature Physics</i> , 2015 , 11, 811-814	16.2	22
250	First Observation of the Directed Flow of D^0 and D^0/\bar{D}^0 in Au+Au Collisions at $\sqrt{s_{\mathrm{NN}}}=200$ GeV. <i>Physical Review Letters</i> , 2019 , 123, 162301	7.4	22
249	Production of \bar{D}^0 and D^0 in p-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. <i>European Physical Journal C</i> , 2017 , 77, 389	4.2	22
248	Extracting baryon-antibaryon strong-interaction potentials from $p\bar{p}$ femtoscopic correlation functions. <i>Physical Review C</i> , 2014 , 89,	2.7	22
247	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
246	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
245	Event-plane-dependent dihadron correlations with harmonic v_n subtraction in Au + Au collisions at $\sqrt{s_{\mathrm{NN}}}=200$ GeV. <i>Physical Review C</i> , 2014 , 89,	2.7	21
244	Azimuthal Harmonics in Small and Large Collision Systems at RHIC Top Energies. <i>Physical Review Letters</i> , 2019 , 122, 172301	7.4	20
243	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
242	Measurement of $v_2\{1S\}$ Elliptic Flow at Forward Rapidity in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. <i>Physical Review Letters</i> , 2019 , 123, 192301	7.4	20
241	Coherent diffractive photoproduction of \bar{D} 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
240	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
239	Directed and elliptic flow of charged particles in Cu + Cu collisions at $\sqrt{s_{\mathrm{NN}}}=22.4$ GeV. <i>Physical Review C</i> , 2012 , 85,	2.7	20
238	First Measurement of $\bar{\Lambda}_c^+$ Baryon Production in Au+Au Collisions at $\sqrt{s_{\mathrm{NN}}}=200$ GeV. <i>Physical Review Letters</i> , 2020 , 124, 172301	7.4	19
237	Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. <i>Physical Review C</i> , 2016 , 93,	2.7	19

236	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	19
235	π^0 photoproduction in AuAu collisions at $\sqrt{s_{NN}}=62.4$ GeV measured with the STAR detector. <i>Physical Review C</i> , 2012 , 85,	2.7	19
234	π^0 cross section in p+p collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2010 , 82,	4.9	19
233	Neutral pion production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2009 , 80,	2.7	19
232	Rapidity and centrality dependence of proton and antiproton production from Au197+Au197 collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review C</i> , 2004 , 70,	2.7	19
231	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
230	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
229	Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	19
228	Coherent J/ψ photoproduction at forward rapidity in ultra-peripheral PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 798, 134926	4.2	18
227	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
226	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
225	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
224	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
223	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
222	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
221	$\psi(2S)$ 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
220	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
219	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

218	Global polarization of Λ hyperons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ and 5.02 TeV. <i>Physical Review C</i> , 2020 , 101,	2.7	17
217	Measurement of D + s production and nuclear modification factor in Pb-Pb collisions at ($\sqrt{s_{NN}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17
216	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
215	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
214	Pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV modeled in (3+1)D hydrodynamics. <i>Physical Review C</i> , 2014 , 90,	2.7	17
213	Photon and neutral pion production in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review C</i> , 2004 , 70,	2.7	17
212	Neutral pion and (η) meson production in pPb collisions at ($\sqrt{s_{NN}}=5.02$ TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	17
211	Constraints on jet quenching in pPb collisions at $\sqrt{s_{NN}}=5.02$ 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
210	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
209	Measurement of the production of high-pT 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
208	Measurement of the cross section and longitudinal double-spin asymmetry for dijet production in polarized pp collisions at $\sqrt{s}=200$ GeV. <i>Physical Review D</i> , 2017 , 95,	4.9	16
207	Energy dependence of K^*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
206	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
205	Longitudinal scaling property of the charge balance function in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 239-244	4.2	16
204	Strangelet search in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2007 , 76,	2.7	16
203	Direct photon elliptic flow in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 789, 308-322	4.2	16
202	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
201	Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s}=2.76$ TeV. <i>Physical Review D</i> , 2015 , 91,	4.9	15

200	Evidence of rescattering effect in PbPb collisions at the LHC through production of $K(892)^0$ and $\rho(1020)$ mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 802, 135225	4.2	15
199	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
198	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
197	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
196	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
195	Suppression of $\rho(770)$ production in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	15
194	Observation of $\rho(770)$ 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
193	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
192	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
191	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
190	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
189	H^0 and $H^0 \rightarrow \gamma\gamma$ 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
188	Energy dependence of exclusive ($\rho(770)$) photoproduction off protons in ultra-peripheral pPb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02) TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	14
187	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
186	Evidence of Spin-Orbital Angular Momentum Interactions in Relativistic Heavy-Ion Collisions. <i>Physical Review Letters</i> , 2020 , 125, 012301	7.4	14
185	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
184	Elliptic flow of electrons from heavy-flavour hadron decays at mid-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	14
183	Azimuthal anisotropy of charged jet production in $\sqrt{s_{NN}}=2.76$ TeV PbPb collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 753, 511-525	4.2	14

182	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
181	Energy dependence of forward-rapidity [Formula: see text] and [Formula: see text] production in pp collisions at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 392	4.2	14
180	Spectra of identified high- p_T Ξ and $p(\bar{p})$ in Cu+Cu collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2010 , 81,	2.7	14
179	System size dependence of associated yields in hadron-triggered jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 683, 123-128	4.2	14
178	Multiplicity dependence of light (anti-)nuclei production in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 800, 135043	4.2	14
177	Measurement of e^+e^- Momentum and Angular Distributions from Linearly Polarized Photon Collisions. <i>Physical Review Letters</i> , 2021 , 127, 052302	7.4	14
176	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
175	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at [Formula: see text] TeV and p-Pb collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2017 , 77, 245	4.2	13
174	Corrigendum to ψ suppression of ψ 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
173	Investigation of the $p\bar{p}$ 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
172	Production of the (\bar{K}^*0) meson in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	13
171	Efficient and robust calculation of femtosopic 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
170	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
169	Multiplicity dependence of (π^-) , K, and p production in pp collisions at $(\sqrt{s} = 13)$ TeV. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	13
168	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
167	Azimuthal transverse single-spin asymmetries of inclusive jets and charged pions within jets from polarized-proton collisions at $\sqrt{s}=500$ GeV. <i>Physical Review D</i> , 2018 , 97,	4.9	12
166	Centrality dependence of (R_{pS}) suppression in p-Pb collisions at $(\sqrt{s}_{\mathit{NN}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
165	Azimuthal anisotropy in Cu+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2018 , 98,	2.7	12

164	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
163	Signatures of collective flow in high-multiplicity pp collisions. <i>Physical Review C</i> , 2011 , 84,	2.7	12
162	Non-identical particle femtoscopy in models with single freeze-out. <i>Brazilian Journal of Physics</i> , 2007 , 37, 917-924	1.2	12
161	Rapidity and species dependence of particle production at large transverse momentum for d+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2007 , 76,	2.7	12
160	Two-particle correlations on transverse momentum and momentum dissipation in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 799-816	2.9	12
159	Strange hadron production in Au+Au collisions at $\sqrt{s_{NN}}=7.7, 11.5, 19.6, 27,$ and 39 GeV. <i>Physical Review C</i> , 2020 , 102,	2.7	12
158	Measurement of prompt D^0, D^+, D^{*+} , and (D_{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
157	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
156	Prompt and non-prompt (χ/ψ) production and nuclear modification at mid-rapidity in pPb collisions at ($\sqrt{s_{NN}}=5.02$) TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	12
155	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
154	Suppression of $\Upsilon(1S)$ resonance production in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	11
153	Measurement of the longitudinal spin asymmetries for weak boson production in proton-proton collisions at $\sqrt{s}=510$ GeV. <i>Physical Review D</i> , 2019 , 99,	4.9	11
152	Measurements of inclusive jet spectra in pp and central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review C</i> , 2020 , 101,	2.7	11
151	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
150	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. <i>Nuclear Physics A</i> , 2010 , 832, 134-147	1.3	11
149	Strangeness in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV observed with the STAR detector. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002 , 28, 1535-1542	2.9	11
148	Measuring K_S^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
147	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

146	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
145	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
144	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
143	Status of the MPD Experiment at JINR. <i>Journal of Physics: Conference Series</i> , 2020 , 1602, 012021	0.3	10
142	η 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
141	Transverse spin-dependent azimuthal correlations of charged pion pairs measured in $p+p$ collisions at $\sqrt{s}=500$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 780, 332-339	4.2	10
140	First measurement of η production in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 781, 8-19	4.2	10
139	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
138	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
137	Production of ρ^0 and ω 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
136	Kaon femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2017 , 96,	2.7	10
135	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
134	Nonidentical-particle femtoscopy at $\sqrt{s_{NN}}=200$ GeV in hydrodynamics with statistical hadronization. <i>Physical Review C</i> , 2010 , 81,	2.7	10
133	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
132	Collision-energy dependence of p_t 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
131	Direct photon production at low transverse momentum in proton-proton collisions at $\sqrt{s}=2.76$ and 8 TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	9
130	Relative particle yield fluctuations in (Pb-Pb) collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	9
129	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at ($\sqrt{s_{NN}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	9

128	Multiplicity dependence of inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 810, 135758	4.2	9
127	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
126	J/ψ production as a function of charged-particle pseudorapidity density in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 91-104	4.2	9
125	Non-identical particle correlations in 130 and 200 A GeV collisions at STAR. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004 , 30, S1059-S1063	2.9	9
124	Centrality and pseudorapidity dependence of charged hadron production at intermediate p_T in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review C</i> , 2004 , 70,	2.7	9
123	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
122	(Anti-)deuteron production in pp collisions at ($\sqrt{s}=13$ text {TeV}). <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	8
121	Production of (anti-)He3 and (anti-)H3 in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physical Review C</i> , 2020 , 101,	2.7	8
120	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
119	Measurement of D-meson production versus multiplicity in p-Pb collisions at ($\sqrt{s_{\mathit{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8
118	J/ψ polarization in p+p collisions at $\sqrt{s}=200$ GeV in STAR. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 739, 180-188	4.2	8
117	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
116	Constraining the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Pb-Pb collisions at ($\sqrt{s_{\mathit{NN}}}) = 2.76$ and 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	8
115	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
114	Global baryon number conservation encoded in net-proton fluctuations measured in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 807, 135564	4.2	8
113	Longitudinal double-spin asymmetry for inclusive jet and dijet production in pp collisions at $\sqrt{s}=510$ GeV. <i>Physical Review D</i> , 2019 , 100,	4.9	8
112	Dielectron and heavy-quark production in inelastic and high-multiplicity proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 788, 505-518	4.2	8
111	Bulk properties of the system formed in Au+Au collisions at $\sqrt{s_{NN}}=14.5$ GeV at the BNL STAR detector. <i>Physical Review C</i> , 2020 , 101,	2.7	7

110	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
109	Measurement of Z0-boson production at large rapidities in PbPb collisions at sNN=5.02TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 780, 372-383	4.2	7
108	Charged-particle pseudorapidity density at mid-rapidity in pPb collisions at ($\sqrt{s_{\text{NN}}}$) = 8.16 TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
107	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
106	Femtoscopy of PbPb 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
105	Exploring lifetime effects in femtoscopy. <i>Physical Review C</i> , 2007 , 76,	2.7	7
104	Multiplicity dependence of K*(892)0 and ϕ(1020) production in pp collisions at s=13 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 807, 135501	4.2	7
103	Study of J/ψ azimuthal anisotropy at forward rapidity in Pb-Pb collisions at ($\sqrt{s_{\text{NN}}}$)=5.02) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	7
102	Longitudinal double-spin asymmetries for dijet production at intermediate pseudorapidity in polarized pp collisions at s=200 GeV. <i>Physical Review D</i> , 2018 , 98,	4.9	7
101	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at (\sqrt{s})=7) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	6
100	Measurement of dielectron production in central Pb-Pb collisions at sNN=2.76TeV. <i>Physical Review C</i> , 2019 , 99,	2.7	6
99	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
98	Measurement of jet radial profiles in PbPb collisions at sNN=2.76 TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 796, 204-219	4.2	6
97	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
96	Dielectron azimuthal anisotropy at mid-rapidity in Au + Au collisions at sNN=200 GeV. <i>Physical Review C</i> , 2014 , 90,	2.7	6
95	System-size dependence of transverse momentum correlations at sNN=62.4 and 200 GeV at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2013 , 87,	2.7	6
94	Publisher's Note: d and 3He Production in sNN=130GeV Au+Au Collisions[Phys. Rev. Lett. 87, 262301 (2001)]. <i>Physical Review Letters</i> , 2001 , 87,	7.4	6
93	Non-identical Particle Correlation Analysis in the Presence of Non-femtoscopic Correlations. <i>Acta Physica Polonica B</i> , 2017 , 48, 717	1.9	6

92	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
91	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
90	Charged jet cross section and fragmentation in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2019 , 99,	4.9	6
89	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
88	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
87	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
86	$K^*(892)^0$ and $\eta(1020)$ production at midrapidity in pp collisions at $\sqrt{s}=8$ TeV. <i>Physical Review C</i> , 2020 , 102,	2.7	5
85	Centrality and transverse momentum dependence of inclusive J/ψ production at midrapidity in PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 805, 135434	4.2	5
84	Measurement of electrons from semileptonic heavy-flavour hadron decays at midrapidity in pp and PbPb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 804, 135377	4.2	5
83	η production in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=8.16$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 806, 135486	4.2	5
82	Coherent photoproduction of ρ vector mesons in ultra-peripheral Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	5
81	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
80	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
79	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
78	Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV. <i>Physical Review Letters</i> , 2017 , 118, 222301	7.4	5
77	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
76	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
75	An update from STAR using strangeness to probe relativistic heavy ion collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004 , 30, S61-S73	2.9	5

74	Underlying event properties in pp collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5-4	5
73	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
72	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
71	Dielectron production in proton-proton collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5-4	5
70	Longitudinal double-spin asymmetries for \bar{D} s in the forward direction for 510 GeV polarized pp collisions. <i>Physical Review D</i> , 2018 , 98,	4-9	5
69	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
68	Measurement of inclusive charged-particle jet production in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2020 , 102,	2-7	4
67	Measurement of the (anti-) $^3\mathrm{He}$ elliptic flow in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 805, 135414	4-2	4
66	Longitudinal and azimuthal evolution of two-particle transverse momentum correlations in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 804, 135375	4-2	4
65	Measurement of $(\Lambda)(1520)$ production in pp collisions at ($\sqrt{s} = 7$ hbox {TeV}) and pPb collisions at ($\sqrt{s_{\mathrm{NN}}} = 5.02$ hbox {TeV}). <i>European Physical Journal C</i> , 2020 , 80, 1	4-2	4
64	Underlying event measurements in p+p collisions at $\sqrt{s}=200$ GeV at RHIC. <i>Physical Review D</i> , 2020 , 101,	4-9	4
63	Calibration of the photon spectrometer PHOS of the ALICE experiment. <i>Journal of Instrumentation</i> , 2019 , 14, P05025-P05025	1	4
62	Measurement of D^0 -meson + hadron two-dimensional angular correlations in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i> , 2020 , 102,	2-7	4
61	Azimuthal correlations of prompt D mesons with charged particles in pp and pPb collisions at ($\sqrt{s_{\mathrm{NN}}} = 5.02$ hbox {TeV}). <i>European Physical Journal C</i> , 2020 , 80, 1	4-2	4
60	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
59	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
58	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
57	MCORD - MPD Cosmic Ray Detector a new features. <i>EPJ Web of Conferences</i> , 2019 , 204, 07016	0-3	3

56	One-dimensional charged kaon femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical Review C</i> , 2019 , 100,	2.7	3
55	Measuring K_S^0 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
54	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
53	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
52	Measurement of inclusive J/ψ polarization in p+p collisions at $\sqrt{s} = 200$ GeV by the STAR experiment. <i>Physical Review D</i> , 2020 , 102,	4.9	3
51	Measurement of the Low-Energy Antideuteron Inelastic Cross Section. <i>Physical Review Letters</i> , 2020 , 125, 162001	7.4	3
50	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
49	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
48	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
47	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
46	Forward ψ production and nuclear stopping power in d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2007 , 76,	2.7	3
45	Transverse-momentum dependent modification of dynamic texture in central Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2005 , 71,	2.7	3
44	Measurement of charged jet cross section in pp collisions at $\sqrt{s} = 5.02$ TeV. <i>Physical Review D</i> , 2019 , 100,	4.9	3
43	Measurements of low-pT electrons from semileptonic heavy-flavour hadron decays at mid-rapidity in pp and Pb-Pb collisions at ($\sqrt{s_{NN}} = 2.76$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	3
42	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
41	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
40	J/ψ elliptic and triangular flow in Pb-Pb collisions at ($\sqrt{s_{NN}} = 5.02$) TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
39	Studies of J/ψ production at forward rapidity in PbPb collisions at ($\sqrt{s_{NN}} = 5.02$) TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2

38	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
37	Extracting Femtoscopic Radii in the Presence of Significant Additional Correlation Sources. <i>Acta Physica Polonica B</i> , 2014 , 45, 1993	1.9	2
36	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
35	Obtaining femtoscopy results in models with resonances. <i>Brazilian Journal of Physics</i> , 2007 , 37, 726-728	1.2	2
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33	Measurement of electrons from heavy-flavour hadron decays as a function of multiplicity in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
32	Measurement of the central exclusive production of charged particle pairs in proton-proton collisions at (\sqrt{s}) = 200 GeV with the STAR detector at RHIC. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	2
31	Production of light-flavor hadrons in pp collisions at ($\sqrt{s} \sim 7$ and $\sqrt{s} = 13$, TeV). <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
30	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
29	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
28	The MPD Experiment and JINR: construction status and physics performance. <i>Nuclear Physics A</i> , 2021 , 1005, 122006	1.3	2
27	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
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24	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
23	Non-Identical Particle Femtoscopy in Heavy-Ion Collisions. <i>AIP Conference Proceedings</i> , 2006 ,	0	1
22	Conceptual design report of the MPD Cosmic Ray Detector (MCORD). <i>Journal of Instrumentation</i> , 2021 , 16, P11035	1	1
21	Z-boson production in p-Pb collisions at $\sqrt{s_{NN}}=8.16$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1

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17	Influence of quantum conservation laws on particle production in hadron collisions. <i>Nuclear Physics A</i> , 2016 , 956, 886-889	1.3	1
16	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
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