

Robert Newby

List of Publications by Year in descending order

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186
papers

19,440
citations

9786

73
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10734

138
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189
all docs

189
docs citations

189
times ranked

8451
citing authors

#	ARTICLE	IF	CITATIONS
1	PHENIX Collaboration. Nuclear Physics A, 2021, 1005, 122094.	1.5	0
2	First Measurement of Coherent Elastic Neutrino-Nucleus Scattering on Argon. Physical Review Letters, 2021, 126, 012002.	7.8	117
3	Measurements of electron transport in liquid and gas Xenon using a laser-driven photocathode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 972, 163965.	1.6	5
4	Reflectivity and PDE of VUV4 Hamamatsu SiPMs in liquid xenon. Journal of Instrumentation, 2020, 15, P01019-P01019.	1.2	9
5	Characterization of the Hamamatsu VUV4 MPPCs for nEXO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 940, 371-379.	1.6	28
6	Simulation of charge readout with segmented tiles in nEXO. Journal of Instrumentation, 2019, 14, P09020-P09020.	1.2	8
7	Exploiting fission chain reaction dynamics to image fissile materials. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 935, 198-206.	1.6	3
8	Imaging individual barium atoms in solid xenon for barium tagging in nEXO. Nature, 2019, 569, 203-207.	27.8	26
9	First constraint on coherent elastic neutrino-nucleus scattering in argon. Physical Review D, 2019, 100, .	4.7	20
10	Characterization of an Ionization Readout Tile for nEXO. Journal of Instrumentation, 2018, 13, P01006-P01006.	1.2	14
11	VUV-Sensitive Silicon Photomultipliers for Xenon Scintillation Light Detection in nEXO. IEEE Transactions on Nuclear Science, 2018, 65, 2823-2833.	2.0	29
12	Study of silicon photomultiplier performance in external electric fields. Journal of Instrumentation, 2018, 13, T09006-T09006.	1.2	5
13	A Frequency Domain Multiplexing Technique for Multi-Channel Detector Instrumentation. , 2018, , .		0
14	Sensitivity and discovery potential of the proposed nEXO experiment to neutrinoless double- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mi}> \hat{I}^2 \langle / \text{mml:mi}> \langle / \text{mml:math}>$ decay. Physical Review C, 2018, 97, .	2.9	115
15	Observation of coherent elastic neutrino-nucleus scattering. Science, 2017, 357, 1123-1126.	12.6	500
16	COHERENT Experiment: current status. Journal of Physics: Conference Series, 2017, 798, 012213.	0.4	1
17	Characterization of the radiation background at the Spallation Neutron Source. Journal of Physics: Conference Series, 2016, 746, 012033.	0.4	5
18	Systematic study of azimuthal anisotropy in Cu+Cu and Au+Au collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. Physical Review C, 2015, 92, .	2.9	19

#	ARTICLE	IF	CITATIONS
19	Systematic study of charged-pion and kaon femtoscopy in Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2015, 92, .		16
20	ρ -meson production in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2015, 92, .	2.9	13
21	Centrality dependence of low-momentum direct-photon production in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	2.9	112
22	Measurements of Elliptic and Triangular Flow in High-Multiplicity Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	7.8	140
23	Event localization in bulk scintillator crystals using coded apertures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 784, 382-389.	1.6	1
24	Search for dark photons from neutral meson decays in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2015, 114, 192301.	2.9	43
25	(Anti)Protons in Central Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2015, 114, 192301.	7.8	143
26	Three-Dimensional Event Localization in Bulk Scintillator Crystals Using Optical Coded Apertures. IEEE Transactions on Nuclear Science, 2015, 62, 1405-1412.	2.0	2
27	Production of $\psi(2S)$ via dielectrons in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	2.9	17
28	Measurement of $\psi(2S)$ production in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	2.9	34
29	Systematic measurement of fast neutron background fluctuations in an urban area using a mobile detection system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 773, 27-32.	1.6	9
30	Heavy-flavor electron-muon correlations in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	2.9	14
31	Measurement of transverse single-spin asymmetries for midrapidity and forward-rapidity production of hadrons in polarized Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2014, 90, .	4.7	27
32	Measurement of transverse single-spin asymmetries for midrapidity and forward-rapidity production of hadrons in polarized Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2014, 90, .	4.7	63
33	Centrality categorization for $R_p(d) + A$ in high-energy collisions. Physical Review C, 2014, 90, .	2.9	65
34	Measurement of K_S^0 production in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	2.9	25
35	Transverse energy distributions at midrapidity in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	7.8	56
36	Measurement of K_S^0 production in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	2.9	67

#	ARTICLE	IF	CITATIONS
37	Low-mass vector meson production at forward rapidity in nucleus-nucleus collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2014, 90, .	4.7	11
38	PHENIX Collaboration. Nuclear Physics A, 2014, 932, 627-633.	1.5	0
39	System-size dependence of open-heavy-flavor production in nucleus-nucleus collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	2.9	29
40	Inclusive Double Helicity Asymmetries in Neutral-pion and eta-meson Production in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au Collisions. Physical Review C, 2014, 89, .	4.7	55
41	Three-dimensional event localization in bulk scintillator crystals using optical coded apertures. , 2014, . , .		0
42	Constraining the initial temperature and shear viscosity in a hybrid hydrodynamic model of Au+Au collisions using pion spectra, elliptic flow, and femtoscopic radii. Physical Review C, 2013, 87, .	2.9	25
43	Performance of the Roadside Tracker Portal-Less Portal Monitor. IEEE Transactions on Nuclear Science, 2013, 60, 2237-2246.	2.0	13
44	Azimuthal anisotropy of ϕ and η -mesons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2013, 88, .	2.9	16
45	Medium Modification of Jet Fragmentation in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2013, 111, 202301.	7.8	40
46	Nuclear Modification of ϕ , η , and J/ψ Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2013, 111, 202301.	7.8	92
47	Inclusive cross section and single transverse spin asymmetry for very forward neutron production in polarized p+p collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2013, 88, .	4.7	28
48	Direct photon production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 87, .	2.9	37
49	Double-spin asymmetry of electrons from heavy-flavor decays in p+p collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2013, 87, .	4.7	8
50	Quadrupole Anisotropy in Dihadron Azimuthal Correlations in Central Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2013, 111, 202301.	7.8	246
51	Direct photon production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 87, .	2.9	59
52	Spectra and ratios of identified particles in Au+Au and d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2013, 88, .	2.9	106
53	Neutral pion production with respect to centrality and reaction plane in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 87, .	2.9	23
54	Neutral pion production with respect to centrality and reaction plane in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2013, 87, .	2.9	104

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55	Nuclear-modification factor for open-heavy-flavor production at forward rapidity in Cu+Cu collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 122302.	2.9	30
56	Observation of Direct Photon Collective Flow in Au+Au Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 122302.	7.8	184
57	Cold Nuclear-Matter Effects on Heavy-Quark Production in Au+Au Collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2012, 86, .	2.9	64
58	Cross sections and double-helicity asymmetries of midrapidity inclusive charged hadrons in p+p collisions at $\sqrt{s}=6.24$ GeV. Physical Review D, 2012, 86, .	7.8	81
59	Direct photon production in Au+Au collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2012, 86, .	4.7	7
60	Ground and excited state charmonium production in Au+Au collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2012, 85, .	4.7	36
61	Measurement of neutral mesons in Au+Au collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2012, 85, .	7.8	87
62	Femtoscopic study of neutral mesons in Au+Au collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2012, 85, .	4.7	70
63	Femtoscopic study of neutral mesons in Au+Au collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2012, 85, .	4.7	189
64	Femtoscopic study of neutral mesons in Au+Au collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2012, 85, .	4.7	93
65	7Å TeV at the LHC with two-pion Bose-Einstein correlations. Physical Review D, 2011, 84, .	4.7	24
66	Cold Nuclear Matter Effects on Heavy-Quark Production in Au+Au Collisions at $\sqrt{s}=2.76$ TeV. Physical Review D, 2012, 86, .	7.8	104
67	A comparison of performance between organic scintillation crystals and moderated ^3He -based detectors for fission neutron detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 404-407.	1.6	14
68	Autonomous radiation monitoring of small vessels. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 10-15.	1.6	5
69	Strange particle production in proton-proton collisions at $\sqrt{s}=0.9$ TeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	140
70	Production of pions, kaons and protons in pp collisions at $\sqrt{s}=900$ GeV with ALICE at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	209
71	Application of solution techniques for rapid growth of organic crystals. Journal of Crystal Growth, 2011, 314, 163-170.	1.5	80
72	Suppression of charged particle production at large transverse momentum in central Pb-Pb collisions at $\sqrt{s}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 30-39.	4.1	433

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73	<p>Production of η mesons in central Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, Section B: Nuclear, Elementary Particle and High-Energy Physics Letters, 2011, 106, 032301.</p> <p>Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions</p>	4.1	235
74	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Cross Section and Parity-Violating Spin Asymmetries of W^{\pm} Boson Production in Polarized p-P Collisions at $\sqrt{s}=500$ GeV. <i>Physical Review Letters</i>, 2011, 106, 062001.</p>	7.8	507
75	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	7.8	249
76	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	2.9	37
77	<p>Cross Section and Parity-Violating Spin Asymmetries of W^{\pm} Boson Production in Polarized p-P Collisions at $\sqrt{s}=500$ GeV. <i>Physical Review Letters</i>, 2011, 106, 062001.</p> <p>Cross section and double helicity asymmetry for η mesons and their comparison to η' mesons</p>	7.8	54
78	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	4.7	43
79	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	2.9	9
80	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	2.9	149
81	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	2.9	170
82	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	2.9	196
83	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	2.9	75
84	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p>	7.8	96
85	<p>Production of η mesons in central Au-Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i>, 2011, 106, 032301.</p> <p>Suppression of away-side jet fragments with respect to the reaction plane in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. <i>Physical Review C</i>, 2011, 84, .</p>	2.9	10
86	<p>Performance of the Roadside Tracker portalless portal monitor. , 2011, , .</p>		1
87	<p>Alignment of the ALICE Inner Tracking System with cosmic-ray tracks. <i>Journal of Instrumentation</i>, 2010, 5, P03003-P03003.</p>	1.2	171
88	<p>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.</p>	3.9	124
89	<p>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.</p>	3.9	199
90	<p>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.</p>	3.9	212

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91	Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC. Physics Letters, Section B: Nuclear, Elementary Transverse momentum dependence of meson suppression in Au collisions at $\sqrt{s} = 0.9$ TeV. Physical Review Letters, 2010, 105, 252301.	7.8	98
92	Transition in Yield and Azimuthal Shape Modification in Dihadron Correlations in Relativistic Heavy Ion Collisions. Physical Review Letters, 2010, 104, 252301.	2.9	33
93	Midrapidity Antiproton-to-Proton Ratio in $\sqrt{s} = 0.9$ TeV Measured by the ALICE Experiment. Physical Review Letters, 2010, 105, 072002.	7.8	98
94	Charged-Particle Multiplicity Density at Midrapidity in Central Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252301.	7.8	296
95	Transition in Yield and Azimuthal Shape Modification in Dihadron Correlations in Relativistic Heavy Ion Collisions. Physical Review Letters, 2010, 104, 252301.	7.8	61
96	Midrapidity Antiproton-to-Proton Ratio in $\sqrt{s} = 0.9$ TeV Measured by the ALICE Experiment. Physical Review Letters, 2010, 105, 072002.	7.8	67
97	Double-helicity dependence of jet properties from dihadrons in longitudinally polarized pp collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2010, 81, .	4.7	6
98	Enhanced Production of Direct Photons in $\sqrt{s} = 0.9$ TeV Au Collisions at Midrapidity. Physical Review Letters, 2010, 105, 062301.	7.8	319
99	High- p_T Direct Photon and π^0 -Triggered Azimuthal Jet Correlations and Measurement of k_T for Isolated Direct Photons in pp Collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2010, 82, .	7.8	87
100	High- p_T Direct Photon and π^0 -Triggered Azimuthal Jet Correlations and Measurement of k_T for Isolated Direct Photons in pp Collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2010, 82, .	4.7	27
101	Measurement of transverse single-spin asymmetries for J/ψ production in polarized pp collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2010, 82, .	4.7	30
102	Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 105, 252302.	7.8	659
103	Detailed measurement of the pp continuum in $\sqrt{s} = 0.9$ TeV Au collisions at midrapidity. Physical Review Letters, 2010, 105, 062301.	2.9	254
104	Transverse momentum dependence of meson suppression in Au collisions at $\sqrt{s} = 0.9$ TeV. Physical Review Letters, 2010, 105, 062301.	4.7	63
105	Two-pion Bose-Einstein correlations in $\sqrt{s} = 0.9$ TeV Au collisions at midrapidity. Physical Review Letters, 2010, 105, 062301.	4.7	61
106	Inclusive cross section and double helicity asymmetry for π^0 production in $\sqrt{s} = 0.9$ TeV Au collisions at midrapidity. Physical Review Letters, 2010, 105, 062301.	4.7	81
107	Charged Kaon Interferometric Probes of Space-Time Evolution in Au+Au Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2009, 103, 142301.	7.8	35
108	Centrality dependence of the thermal excitation-energy deposition in $\sqrt{s} = 15$ GeV/chadron-Au reactions. Physical Review C, 2009, 79, .	2.9	5

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109	Measurement of Bottom Versus Charm as a Function of Transverse Momentum with Electron-Hadron Correlations in $p\bar{p}$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 103, 012003.	7.8	70
110	Gluon-Spin Contribution to the Proton Spin from the Double-Helicity Asymmetry in Inclusive \bar{p} Production in Polarized $p+p$ Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 103, 012003.	7.8	72
111	Systematic studies of elliptic flow measurements in Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2009, 80, .	2.9	60
112	Active Detection of Shielded SNM With 60-keV Neutrons. IEEE Transactions on Nuclear Science, 2009, 56, 1215-1217.	2.0	8
113	High- p_T \bar{p} production with respect to the reaction plane in Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2009, 80, .	2.9	51
114	Systematic studies of elliptic flow measurements in Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2009, 80, .	2.9	85
115	The ALICE Collaboration. Journal of Physics G: Nuclear and Particle Physics, 2009, 37, 099801.	3.6	2
116	Neutron detection with single crystal organic scintillators. Proceedings of SPIE, 2009, , .	0.8	21
117	The ALICE Collaboration. Nuclear Physics A, 2009, 830, 919c-924c.	1.5	18
118	The PHENIX Collaboration. Nuclear Physics A, 2009, 830, 963c-966c.	1.5	4
119	Dilepton mass spectra in Au+Au collisions at $\sqrt{s}=200$ GeV. Physics Letters, Section B, 2009, 700, 1-10.	4.1	75
120	Photoproduction of J/ψ and of high mass $\psi(2S)$ from open charm. Physics Letters, Section B, 2009, 700, 1-10.	4.1	100
121	New Organic Crystals for Pulse Shape Discrimination. IEEE Transactions on Nuclear Science, 2009, 56, 899-903.	2.0	87
122	Growth and Properties of Lithium Salicylate Single Crystals. Crystal Growth and Design, 2009, 9, 3799-3802.	3.0	5
123	Quantitative constraints on the transport properties of hot partonic matter from semi-inclusive single high transverse momentum pion suppression in Au+Au collisions at $\sqrt{s}=200$ GeV. Nuclear Physics A, 2009, 830, 963c-966c.	2.9	93
124	Gold nuclear matter effects on J/ψ production from open charm. Physics Letters, Section B, 2009, 700, 1-10.	2.9	97
125	Transverse momentum and centrality dependence of dihadron correlations in Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 103, 012003.	2.9	62
126	Charged hadron multiplicity fluctuations in Au+Au collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2009, 103, 012003.	2.9	63

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127	Dihadron azimuthal correlations in Au+Au collisions at $\sqrt{s_{NN}}=2.4, 6.2, 200$ GeV. Physical Review C, 2008, 78, .		256
128	Onset of ρ Suppression Studied in Cu+Cu Collisions at $\sqrt{s_{NN}}=22.4, 62.4, \text{ and } 200$ GeV. Physical Review Letters, 2008, 101, 162301.	7.8	70
129	Centrality dependence of charged hadron production in deuteron+gold and nucleon+gold collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2008, 77, .	2.9	22
130	Production in $\sqrt{s_{NN}}=200$ GeV Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2008, 101, 122301.	7.8	109
131	Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2008, 101, 122301.	7.8	9
132	Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2008, 101, 122301.	7.8	255
133	Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2008, 101, 122301.	7.8	37
134	Production of η mesons at large transverse momenta in p+p and Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	26
135	Measurement of density correlations in pseudorapidity via charged particle multiplicity fluctuations in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 76, .	2.9	26
136	High transverse momentum η meson production in p+p, d+Au, and Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	82
137	Production versus Centrality, Transverse Momentum, and Rapidity in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, .	7.8	3
138	pion suppression and azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, .	2.9	87
139	Mesons and (Anti)deuterons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, .	7.8	108
140	Scaling Properties of Azimuthal Anisotropy in Au+Au and Cu+Cu Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 162301.	7.8	307
141	Exploring lifetime effects in femtoscopy. Physical Review C, 2007, 76, .	2.9	7
142	Measurement of Direct Photon Production in p+p Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 012002.	7.8	123
143	Centrality Dependence of η Production at Large Transverse Momentum in $\sqrt{s_{NN}}=200$ GeV Au+Au Collisions. Physical Review Letters, 2007, 98, .	7.8	140
144	Evidence for a Long-Range Component in the Pion Emission Source in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 132301.	7.8	36

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145	\sqrt{s} Production versus Transverse Momentum and Rapidity in p+p Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2007, 98, 232002.	7.8	161
146	System Size and Energy Dependence of Jet-Induced Hadron Pair Correlation Shapes in Cu+Cu and Au+Au Collisions at $\sqrt{s_{NN}}=200$ and 62.4 AGeV. Physical Review Letters, 2007, 98, 232302.	7.8	56
147	Measurement of single muons at forward rapidity in central and peripheral p+p collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2007, 98, 232302.	4.7	31
148	Inclusive cross section and double helicity asymmetry for π^0 production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 232302.	4.7	163
149	Energy Loss and Flow of Heavy Quarks in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, .	7.8	489
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