

# Strikhanov Mikhail

## List of Publications by Year in descending order

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364  
papers

24,447  
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6613

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372  
docs citations

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times ranked

7421  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical challenges in the search for the quark-gluon plasma: The STAR Collaboration's critical assessment of the evidence from RHIC collisions. Nuclear Physics A, 2005, 757, 1-60. Systematic measurements of identified particle spectra in $pp$	1.5	2,780
2	Systematic measurements of identified particle spectra in $pp$	2.9	714
3	Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 86, 402-407.	7.8	610
4	Global $\Lambda$ hyperon polarization in nuclear collisions. Nature, 2017, 548, 62-65.	27.8	585
5	STAR detector overview. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 624-632.	1.6	554
6	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	2.9	520
7	Particle-Type Dependence of Azimuthal Anisotropy and Nuclear Modification of Particle Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 052302.	7.8	477
8	Distributions of Charged Hadrons Associated with High Transverse Momentum Particles in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 152301.	7.8	445
9	Azimuthal Charged-Particle Correlations and Possible Local Strong Parity Violation. Physical Review Letters, 2009, 103, 251601.	7.8	424
10	Transverse Momentum and Centrality Dependence of High- $p_T$ Nonphotonic Electron Suppression in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 192301.	7.8	379
11	Identified Particle Distributions in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 112301.	7.8	368
12	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	7.8	365
13	Bulk properties of the medium produced in relativistic heavy-ion collisions from the beam energy scan program. Physical Review C, 2017, 96, .	2.9	357
14	Higher Moments of Net Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2010, 105, 022302.	7.8	278
15	Strange particle production in $pp$ collisions at $\sqrt{s}=200$ GeV. Physical Review C, 2007, 75, .	2.9	267
16	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, .	2.9	263
17	Identified Baryon and Meson Distributions at Large Transverse Momenta from Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152301.	7.8	261
18	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	12.6	249

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19	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	248
20	Beam Energy Dependence of Moments of the Net-Charge Multiplicity Distributions in Au+Au Collisions at RHIC. Physical Review Letters, 2014, 113, 092301.	7.8	245
21	Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions. Physical Review C, 2008, 77, .	4.1	228
22	Challenges in QCD matter physics –The scientific programme of the Compressed Baryonic Matter experiment at FAIR. European Physical Journal A, 2017, 53, 1.	2.9	225
23	Cross Sections and Transverse Single-Spin Asymmetries in Forward Neutral-Pion Production from Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2004, 92, 171801.	2.5	222
24	Long range rapidity correlations and jet production in high energy nuclear collisions. Physical Review C, 2009, 80, .	7.8	220
25	Global polarization of hyperons in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2018, 98, .	2.9	220
26	Open Charm Yields in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 062301.	7.8	201
27	Beam-Energy Dependence of the Directed Flow of Protons, Antiprotons, and Pions in Au+Au Collisions. Physical Review Letters, 2014, 112, 162301.	7.8	186
28	Meson Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 162301.	7.8	181
29	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 162301.	7.8	179
30	Observation of Nuclear Modifications in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2014, 113, 142301.	7.8	179
31	Scaling Properties of Hyperon Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 062301.	7.8	175
32	Minijet deformation and charge-independent angular correlations on momentum subspace in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2006, 73, .	4.1	166
33	Forward Neutral Pion Production in p+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152302.	2.9	166
34	Forward Neutral Pion Production in p+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152302.	7.8	166
35	Multistrange Baryon Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 122301.	7.8	164

#	ARTICLE	IF	CITATIONS
37	Dependence of $\langle \sigma_{\text{eff}} \rangle$ on $\sqrt{s_{\text{NN}}}$ in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2004, 92, 092301. $\langle \sigma_{\text{eff}} \rangle \sim \sqrt{s_{\text{NN}}}^{-1/2}$	4.1	161
38	Observation of the antimatter helium-4 nucleus. Nature, 2011, 473, 353-356.	27.8	154
39	K(892)* resonance production in Au+Au and p+p collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review C, 2005, 71, 014901.	2.9	149
40	Beam-Energy Dependence of Charge Separation along the Magnetic Field in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	7.8	147
41	Longitudinal Double-Spin Asymmetry and Cross Section for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2006, 97, 252001.	7.8	141
42	Multistrange Baryon Production in Au-Au Collisions at $\sqrt{s_{\text{NN}}} = 130$ GeV. Physical Review Letters, 2004, 92, 182301.	7.8	140
43	Forward Neutral Pion Transverse Single-Spin Asymmetries in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2006, 96, 112301.	7.8	138
44	Polarization of $\Lambda$ hyperons in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2006, 97, 022001.	7.8	131
45	Production and Possible Modification in Au+Au and p+p Collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2004, 92, 092301.	7.8	127
46	Inclusive charged hadron elliptic flow in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review C, 2012, 86, 034901.	2.9	127
47	Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review C, 2013, 88, 034901.	2.9	124
48	Azimuthal Anisotropy and Correlations at Large Transverse Momenta in p+Au and Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2004, 93, 252301.	7.8	122
49	Pion, kaon, proton and antiproton transverse momentum distributions from Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review C, 2009, 80, 054901.	4.1	122
50	Midrapidity Antiproton-to-Proton Ratio from Au+Au collisions at $\sqrt{s_{\text{NN}}} = 130$ GeV. Physical Review Letters, 2001, 86, 4778-4782.	7.8	121
51	Measurements of meson production in relativistic heavy-ion collisions at the BNL Relativistic Heavy Ion Collider (RHIC). Physical Review C, 2009, 79, 024901.	2.9	117
52	Mass, quark-number, and $\sqrt{s_{\text{NN}}}$ dependence of the second and fourth flow harmonics in ultrarelativistic nucleus-nucleus collisions. Physical Review C, 2007, 75, 054901.	2.9	112
53	Nonmonotonic Energy Dependence of Net-Proton Number Fluctuations. Physical Review Letters, 2021, 126, 092301.	7.8	111
54	Strange Baryon Resonance Production in Au+Au collisions at $\sqrt{s_{\text{NN}}} = 200$ GeV. Physical Review Letters, 2006, 97, 132301.	7.8	108

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55	Global polarization measurement in Au+Au collisions. Physical Review C, 2007, 76, .	2.9	107
56	Collision energy dependence of moments of net-kaon multiplicity distributions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 551-560.	4.1	107
57	Enhanced strange baryon production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2008, 101, 252301.	2.9	106
58	System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.	7.8	102
59	Measurements of $v_2$ and $v_3$ in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2009, 102, 052302.	2.9	97
60	Observation of Charge Asymmetry Dependence of Pion Elliptic Flow and the Possible Chiral Magnetic Wave in Heavy-Ion Collisions. Physical Review Letters, 2015, 114, 252302.	4.7	97
61	Indications of Conical Emission of Charged Hadrons at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2009, 102, 052302.	7.8	95
62	Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2012, 108, 072301.	7.8	91
63	Fluctuations of charge separation perpendicular to the event plane and local parity violation in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	7.8	91
64	Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2008, 100, 232003.	7.8	89
65	Observation of an Energy-Dependent Difference in Elliptic Flow between Particles and Antiparticles in Relativistic Heavy Ion Collisions. Physical Review Letters, 2013, 110, 142301.	7.8	89
66	Suppression of $\Lambda$ production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2008, 100, 232003.	4.1	87
67	Strange and multi-strange particle production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2008, 100, 232003.	2.9	86
68	Azimuthal Anisotropy in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2004, 93, .	7.8	85
69	Twiss Interferometry in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2004, 93, .	7.8	84
70	Incident energy dependence of pT correlations at relativistic energies. Physical Review C, 2005, 72, .	2.9	84



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73	Measurements of $\pi^0$ and $K^0_S$ production at high transverse momenta in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	83
74	Production of $\pi^0$ and $K^0_S$ at high transverse momenta in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2009, 80, .	2.9	81
75	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	7.8	80
76	Identified Hadron Compositions in Au+Au Collisions at High Transverse Momenta at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 022301.	7.8	80
77	Production of $\pi^0$ and $K^0_S$ at high transverse momenta in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2009, 80, .	4.1	80
78	Correlation Function in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2009, 80, .	7.8	80
79	Production of $e^+e^-$ pairs accompanied by nuclear dissociation in ultraperipheral heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	79
80	Growth of Long Range Forward-Backward Multiplicity Correlations with Centrality in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2009, 103, 172301.	7.8	79
81	Transverse-momentum correlations in Au+Au collisions at GeV. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, L37-L48.	3.6	78
82	Measurement of the mass difference and the binding energy of the hypertriton and antihypertriton. Nature Physics, 2020, 16, 409-412.	16.7	76
83	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	2.9	73
84	Measurement of the Transverse Single-Spin Asymmetry in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	7.8	73
85	Production of $\pi^0$ and $K^0_S$ at high transverse momenta in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2009, 80, .	4.1	71
86	Measurement of interaction between antiprotons. Nature, 2015, 527, 345-348.	27.8	71
87	Transverse single-spin asymmetry and cross section for $\pi^0$ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	4.7	70
88	Precision Measurement of the Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2015, 115, 092002.	7.8	70
89	Measurement of the Bottom Quark Contribution to Nonphotonic Electron Production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .	7.8	69
90	Measurement of the Bottom Quark Contribution to Nonphotonic Electron Production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 202301.	7.8	68

#	ARTICLE	IF	CITATIONS
91	Long-range pseudorapidity dihadron correlations in d+ Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, . $NN \langle \cos(\Delta\phi) \rangle$	2.9	68
92	Cumulants and correlation functions of net-proton, proton, and antiproton multiplicity distributions in Au+Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2021, 104, .	2.9	68
93	Event-wise $\langle \cos(2\phi) \rangle$ fluctuations in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2005, 71, .	2.9	66
94	Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, . $p \langle \cos(\phi) \rangle$	4.7	66
95	Elliptic flow of multistrange hadrons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, . $v_2 \langle \cos(2\phi) \rangle$	7.8	66
96	Beam-energy-dependent two-pion interferometry and the freeze-out eccentricity of pions measured in heavy ion collisions at the STAR detector. Physical Review C, 2015, 92, .	2.9	65
97	Low- $p_T$ dihadron correlations in ultraperipheral relativistic heavy ion collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, . $NN \langle \cos(\Delta\phi) \rangle$	2.9	64
98	Pair Production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, . $NN \langle \cos(\Delta\phi) \rangle$	7.8	64
99	Measurements of transverse energy distributions in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 70, .	2.9	62
100	Measurement of Longitudinal Spin Asymmetries for Weak Boson Production in Polarized Proton-Proton Collisions at RHIC. Physical Review Letters, 2014, 113, 072301.	7.8	62
101	First Observation of the Directed Flow of $^3\text{He}$ in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, . $NN \langle \cos(\Delta\phi) \rangle$	2.9	61
102	Directed flow of $^3\text{He}$ in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, . $NN \langle \cos(\Delta\phi) \rangle$	7.8	61
103	Multiplicity dependence of inclusive $p_T$ spectra from p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2006, 74, . $NN \langle \cos(\Delta\phi) \rangle$	4.7	60
104	Kaon production and kaon to pion ratio in Au + Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 143-150.	2.9	60
105	Elliptic flow of multistrange hadrons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, . $NN \langle \cos(\Delta\phi) \rangle$	7.8	58
106	Kaon production and kaon to pion ratio in Au + Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 143-150.	4.1	57
107	Directed flow in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, . $NN \langle \cos(\Delta\phi) \rangle$	4.1	56
108	Directed flow in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, .	2.9	55

#	ARTICLE	IF	CITATIONS
109	Dielectron production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 93, . Charged and strange hadron elliptic flow in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 93, .	2.9	55
110	Dielectron production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 93, .	2.9	55
111	Measurements of dielectron production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV from the STAR experiment. Physical Review C, 2015, 92, .	2.9	55
112	Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 93, .	2.9	55
113	Elliptic flow of identified particles in Au+Au collisions at low $\sqrt{s_{NN}}$ . Physical Review C, 2016, 93, .	2.9	54
114	Strange hadron production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 93, .	2.9	54
115	Fluctuations of identified particles in Au+Au collisions at Relativistic Energies. Physical Review Letters, 2009, 103, 092301.	7.8	53
116	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, .	2.9	53
117	Beam energy dependence of (anti-)deuteron production in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2019, 99, .	2.9	53
118	Diffraction Radiation from Relativistic Particles. Springer Tracts in Modern Physics, 2011, .	0.1	52
119	Dielectron Mass Spectra from Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2014, 113, 022301.	7.8	52
120	Measurement of elliptic flow of light nuclei at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 94, .	2.9	52
121	Measurement of the lifetime of $\Lambda$ hyperons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 94, .	2.9	52
122	Global Polarization of $\Lambda$ Hyperons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 94, .	7.8	52
123	$\Lambda$ - $\bar{\Lambda}$ correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	50
124	Pion interferometry in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. Physical Review C, 2009, 80, .	2.9	49
125	Jet-Hadron Correlations in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2014, 112, 122301.	7.8	48
126	Proton- $\bar{p}$ correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	47



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127	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in $\langle \cos(3\phi) \rangle$ Au collisions at $\sqrt{s_{NN}} = 0.2 - 2.76$ TeV. Physical Review Letters, 2012, 108, 152301.	7.8	47
128	Centrality and transverse momentum dependence of $\langle \cos(\phi) \rangle$ meson production at mid-rapidity in Au + Au collisions at $\sqrt{s_{NN}} = 0.2 - 2.76$ TeV. Physical Review Letters, 2012, 108, 152302.	2.9	47
129	Production in Polarized Proton-Proton Collisions at $\langle \cos(\phi) \rangle$ Balance functions from Au-Au collisions at $\sqrt{s_{NN}} = 0.2 - 2.76$ TeV. Physical Review Letters, 2012, 108, 152303.	7.8	46
130	Balance functions from Au-Au collisions at $\langle \cos(\phi) \rangle$ Au collisions at $\sqrt{s_{NN}} = 0.2 - 2.76$ TeV. Physical Review Letters, 2012, 108, 152304.	2.9	45
131	Centrality dependence of nonphotonic $\langle \cos(\phi) \rangle$ electron production in Au-Au collisions at $\sqrt{s_{NN}} = 0.2 - 2.76$ TeV. Physical Review Letters, 2012, 108, 152305.	4.7	45
132	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\langle \cos(\phi) \rangle$ Au collisions at $\sqrt{s_{NN}} = 0.2 - 2.76$ TeV. Physical Review C, 2012, 86, .	2.9	45
133	Transport level in disordered organics: An analytic model and Monte-Carlo simulations. Journal of Applied Physics, 2014, 115.	2.5	45
134	First Measurement of $\langle \cos(\phi) \rangle$ Baryon Production in Au collisions at $\sqrt{s_{NN}} = 0.2 - 2.76$ TeV. Physical Review Letters, 2012, 108, 152306.	7.8	45
135	Centrality dependence of $\langle \cos(\phi) \rangle$ Au collisions at $\sqrt{s_{NN}} = 0.2 - 2.76$ TeV. Physical Review Letters, 2012, 108, 152307.		

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145	Observation of Two-Source Interference in the Photoproduction Reaction $\gamma p \rightarrow \pi^0 p$ at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2018, 121, 032301.	7.8	38
146	Measurement of the $\pi^0$ production cross section in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 121, 032301.	7.8	38
147	Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2017, 118, 022301.	4.7	37
148	Pion femtoscopy in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2017, 118, 022301.	2.9	37
149	Direct virtual photon production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	4.1	37
150	Jet-like correlations with direct-photon and neutral-pion triggers at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 689-696.	4.1	36
151	Azimuthal Harmonics in Small and Large Collision Systems at RHIC Top Energies. Physical Review Letters, 2019, 122, 172301.	7.8	36
152	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2006, 74, .	2.9	35
153	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2014, 89, .	4.7	35
154	Pseudorapidity asymmetry and centrality dependence of charged hadron spectra in d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2004, 70, .	2.9	34
155	Directed Flow of Identified Particles in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 202301.	7.8	34
156	The energy dependence of p-t angular correlations inferred from mean-pT fluctuation scale dependence in heavy ion collisions at the SPS and RHIC. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 451-465.	3.6	33
157	Harmonic decomposition of three-particle azimuthal correlations at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2018, 98, .	2.9	33
158	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. Physical Review Letters, 2018, 121, 032301.	7.8	33
159	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2018, 121, 032301.	2.9	32
160	Coherent diffractive photoproduction of $\pi^0$ mesons on gold nuclei at 200 GeV/nucleon-pair at the Relativistic Heavy Ion Collider. Physical Review Letters, 2017, 118, 022301.	4.1	32
161	Hadronization geometry from net-charge angular correlations on momentum subspace. Physical Review Letters, 2017, 118, 022301.	2.9	32
162	Hadronization geometry from net-charge angular correlations on momentum subspace. Physical Review Letters, 2017, 118, 022301.	4.1	31

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163	Collision-energy dependence of second-order off-diagonal and diagonal cumulants of net-charge, net-proton, and net-kaon multiplicity distributions in Au $\sqrt{s_{NN}} = 2.76$ Au collisions. Physical Review C, 2019, 100, .	2.9	31
164	Bragg coherent x-ray diffractive imaging of a single indium phosphide nanowire. Journal of Optics (United Kingdom), 2016, 18, 064007.	2.2	30
165	Energy dependence of $J/\psi$ production in Au + Au collisions at $\sqrt{s_{NN}} = 0.25$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 467-473.	4.1	29
166	Longitudinal double-spin asymmetry for inclusive jet and dijet production in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review D, 2019, 100, .	4.7	30
167	Flow and interferometry results from Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2011, 83, .	2.9	30
168	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{NN}} = 0.25$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 467-473.	4.1	29
169	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, .	2.9	28
170	System size and energy dependence of near-side dihadron correlations. Physical Review C, 2012, 85, .	2.9	28
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176	Di-electron spectrum at mid-rapidity in Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2012, 85, .	2.9	25
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188	Measurement of the cross section and longitudinal double-spin asymmetry for dijet production in polarized pp collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2017, 95, .	4.7	22
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198	Simulation of conditions for the maximal efficiency of decimeter-wave klystrons. Technical Physics, 2014, 59, 421-427.	4.1	20



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