

Dmitry N Svirida

List of Publications by Year in descending order

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203
papers

8,554
citations

36303

51
h-index

49909

87
g-index

205
all docs

205
docs citations

205
times ranked

5779
citing authors

#	ARTICLE	IF	CITATIONS
1	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. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
2	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. Physical Review C, 2019, 100, 044907.	2.9	31
3	Charge-dependent pair correlations relative to a third particle in $p\text{-}p$ and $d\text{-}p$ Au collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134975.	7.8	61
4	Charge-dependent pair correlations relative to a third particle in $p\text{-}p$ and $d\text{-}p$ Au collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134975.	4.1	24
5	Production of Λ and $\bar{\Lambda}$ baryons in Au-Au collisions at mid-rapidity in Au-Au collisions at RHIC. Physical Review C, 2019, 100, 044907.	4.7	10
6	Precision Small Scattering Angle Measurements of Elastic Proton-Proton Single and Double Spin Analyzing Powers at the RHIC Hydrogen Jet Polarimeter. Physical Review Letters, 2019, 123, 162001.	7.8	12
7	Industrial Reactor Power Monitoring Using Antineutrino Counts in the DANSS Detector. Physics of Atomic Nuclei, 2019, 82, 415-424.	0.4	5
8	Measurement of inclusive J/ψ suppression in Au+Au collisions at RHIC. Physical Review C, 2019, 100, 044907.	7.8	131
9	Observation of Excess Λ Production in Au+Au Collisions at RHIC. Physical Review Letters, 2019, 123, 162001.	4.1	22
10	Yield at Very Low Transverse Momenta in Au+Au Collisions at RHIC. Physical Review C, 2019, 100, 044907.	7.8	22
11	Beam energy dependence of (anti)-deuteron production in Au + Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2019, 99, 044907.	2.9	53
12	The proton Λ correlation function in Au+Au collisions at RHIC. Physical Review C, 2019, 100, 044907.	4.1	56
13	Collision-energy dependence of Λ and $\bar{\Lambda}$ production in Au+Au collisions at RHIC. Physical Review C, 2019, 99, 044907.	2.9	19
14	Azimuthal Harmonics in Small and Large Collision Systems at RHIC Top Energies. Physical Review Letters, 2019, 122, 172301.	7.8	36
15	Measurement of the longitudinal spin asymmetries for weak boson production in proton-proton collisions at RHIC. Physical Review D, 2019, 100, 044907.	4.7	23
16	Centrality and transverse momentum dependence of Λ and $\bar{\Lambda}$ production in Au+Au collisions at RHIC. Physical Review C, 2019, 99, 044907.	2.9	47
17	STAR Collaboration. Nuclear Physics A, 2019, 982, 1063-1066.	1.5	1
18	Longitudinal double-spin asymmetry for inclusive jet and dijet production in Au+Au collisions at RHIC. Physical Review D, 2019, 100, 044907.	4.7	30

#	ARTICLE	IF	CITATIONS
19	Constraining the initial conditions and temperature dependent viscosity with three-particle correlations in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 81-88.	4.1	3
20	Azimuthal transverse single-spin asymmetries of inclusive jets and charged pions within jets from polarized-proton collisions at $\sqrt{s} = 500$ GeV. Physical Review D, 2018, 97, .	4.7	27
21	Improved measurements on the longitudinal spin transfer to Λ hyperons in polarized proton-proton collisions at $\sqrt{s} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 87-93.	7.8	66
22	Search for sterile neutrinos at the DANSS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 56-63.	4.1	131
23	Transverse spin transfer to Λ hyperons in polarized proton-proton collisions at $\sqrt{s} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 87-93.	4.7	7
24	Digitization of Waveforms from Photosensors of the DANSS Detector. Instruments and Experimental Techniques, 2018, 61, 349-354.	4.7	12
25	The Nonuniformity of the Light Yield in Scintillator Strips with Wavelength-Shifting Fibers of the DANSS Detector. Instruments and Experimental Techniques, 2018, 61, 328-331.	0.5	7
26	J/ψ production cross section and its dependence on charged-particle multiplicity in $p\bar{p}$ collisions at $\sqrt{s} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 87-93.	0.5	3
27	J/ψ production cross section and its dependence on charged-particle multiplicity in $p\bar{p}$ collisions at $\sqrt{s} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 87-93.	7.8	66
28	Harmonic decomposition of three-particle azimuthal correlations at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2018, 98, .	4.1	25
29	Longitudinal double-spin asymmetries for \bar{K}^0 s in the forward direction for 510 GeV polarized pp collisions. Physical Review D, 2018, 98, .	2.9	33
30	Longitudinal double-spin asymmetries for dijet production at intermediate pseudorapidity in polarized proton-proton collisions at $\sqrt{s} = 200$ GeV. Physical Review D, 2018, 98, .	4.7	9
31	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.	4.7	13
32	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
33	Electronics of the data acquisition system of the DANSS detector based on silicon photomultipliers. Physics of Particles and Nuclei, 2018, 49, 84-85.	0.7	1
34	Measurement of the Λ lifetime in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2018, 97, .	2.9	52
35	DANSS Neutrino Spectrometer: Detector Calibration, Response Stability, and Light Yield. Physics of Particles and Nuclei Letters, 2018, 15, 272-283.	0.4	11
36	Correlation measurements between flow harmonics in Au+Au collisions at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 459-465.	4.1	22

#	ARTICLE	IF	CITATIONS
37	Global polarization of Λ hyperons in Au + Au collisions at 2.4 GeV. Physical Review C, 2018, 98, .	2.9	205
38	Beam Energy Dependence of Jet-Quenching Effects in Au+Au Collisions at sNN=7.7 , 11.5, 14.5, 19.6, 27, 39, and 62.4 GeV. Physical Review Letters, 2018, 121, 032301.	7.8	33
39	Transverse spin-dependent azimuthal correlations of charged pion pairs measured in $p\bar{p}$ collisions at 500 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 332-339.	4.1	19
40	Beam energy dependence of rapidity-even dipolar flow in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 26-32.	4.1	7
41	Azimuthal anisotropy in Cu+Au collisions at 200 GeV. Physical Review C, 2018, 98, .	2.9	23
42	Direct virtual photon production in Au+Au collisions at 200 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	4.1	37
43	Challenges in QCD matter physics –The scientific programme of the Compressed Baryonic Matter experiment at FAIR. European Physical Journal A, 2017, 53, 1.	2.5	222
44	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
45	Jet imbalance measurements in Au+Au collisions at 200 GeV. Physical Review C, 2017, 96, .	7.8	20
46	Detector of the reactor AntiNeutrino based on Solid-state plastic Scintillator (DANSS). Status and first results.. Journal of Physics: Conference Series, 2017, 798, 012152.	0.4	5
47	Measurements of jet quenching with semi-inclusive hadron+jet distributions in Au+Au collisions at 200 GeV. Physical Review C, 2017, 96, .	2.9	44
48	Energy dependence of J/ψ production in Au + Au collisions at 2.4 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	4.1	37
49	Charge-dependent directed flow in Au+Au collisions at 200 GeV. Physical Review Letters, 2017, 118, 012301.	7.8	19
50	Global Λ hyperon polarization in nuclear collisions. Nature, 2017, 548, 62-65.	27.8	585
51	Coherent diffractive photoproduction of \bar{K}^0 mesons on gold nuclei at 200 GeV/nucleon-pair at the Relativistic Heavy Ion Collider. Physical Review C, 2017, 96, .	2.9	32
52	Measurement of the cross section and longitudinal double-spin asymmetry for dijet production in polarized pp collisions at s=200 GeV. Physical Review D, 2017, 95, .	4.7	22
53	STAR Collaboration. Nuclear Physics A, 2017, 967, 1007-1010.	1.5	1
54	Elliptic flow of electrons from heavy-flavor hadron decays in Au+Au collisions at sNN=200 , 62.4, and 39 GeV. Physical Review C, 2017, 95, .	2.9	18

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55	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mh} \rangle 0 \langle \text{mml:mh} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ Azimuthal Anisotropy at Midrapidity in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle Au \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle Au \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Physical Review C, 2016, 94, .	7.8	15
56	Neutrino Physics at Kalinin Nuclear Power Plant: 2002 – 2017. Journal of Physics: Conference Series, 2017, 934, 012006.	0.4	1
57	Light output distribution in scintillator strips with wave length shifting fibers of DANSS spectrometer. Journal of Physics: Conference Series, 2017, 934, 012055.	0.4	0
58	Transverse Spin Asymmetries in the CNI Region of Elastic Proton-Proton Scattering at s=200 GeV. International Journal of Modern Physics Conference Series, 2016, 40, 1660056.	0.7	1
59	DANSS: Detector of the reactor AntiNeutrino based on Solid Scintillator. Journal of Instrumentation, 2016, 11, P11011-P11011.	1.2	81
60	Measurement of elliptic flow of light nuclei at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ 62.4, 39, 27, 19.6, 11.5, and 7.7 GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	2.9	15
61	in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle d \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle$ $\text{mathvariant="normal"} \rangle Au \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$, Cu + Cu, and Au + Au collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Physical Review C, 2016, 94, .	2.9	3
62	STAR Collaboration. Nuclear Physics A, 2016, 956, 971-974.	1.5	1
63	Jet-like correlations with direct-photon and neutral-pion triggers at sNN=200 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 689-696.	4.1	36
64	Probing parton dynamics of QCD matter with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ production. Physical Review C, 2016, 93, .	2.9	43
65	Search for narrow resonances in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ elastic scattering from the EPECUR experiment. Physical Review C, 2016, 93, .	2.9	6
66	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ production at low transverse momentum in p+pd+ Au collisions at sNN=200 GeV. Physical Review C, 2016, 93, .	2.9	13
67	Measurement of the Transverse Single-Spin Asymmetry in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \hat{A}_{\pm} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Physical Review C, 2016, 94, .	7.8	73
68	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle Au \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle Au \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Collision at RHIC. Physical Review Letters, 2016, 116, 112302.	7.8	47
69	Beam-energy dependence of charge balance functions from Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	2.9	21
70	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ production in U + U collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ GeV measured with the STAR experiment. Physical Review C, 2016, 94, .	2.9	21
71	Di-hadron correlations with identified leading hadrons in 200 GeV Au + Au and d + Au collisions at STAR. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 233-240.	4.1	11
72	Spectra of double-cumulative photons in the central rapidity region at high transverse momenta. Physics of Atomic Nuclei, 2015, 78, 936-942.	0.4	3

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73	Energy dependence of $\langle K_T \rangle$, $\langle p_T \rangle$, and K_p fluctuations in Au+Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. Physical Review C, 2015, 92, .	2.9	17
74	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.	7.8	93
75	Asymmetrical Anisotropy in $\langle K_T \rangle$ and $\langle p_T \rangle$ fluctuations in Au+Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. Physical Review C, 2015, 92, .	7.8	85
76	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
77	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
78	Long-range pseudorapidity dihadron correlations in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2015, 115, 092002.	4.1	68
79	Isolation of flow and nonflow correlations by two- and four-particle cumulant measurements of azimuthal harmonics in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2015, 115, 092002.	4.1	32
80	Charged-to-neutral correlation at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2015, 115, 092002.	4.1	11
81	High-precision measurements of differential cross sections in the second resonance region. Physical Review C, 2015, 91, .	2.9	4
82	Correlation Function in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2015, 115, 092002.	7.8	80
83	Effect of event selection on jetlike correlation measurement in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2015, 115, 092002.	4.1	24
84	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 333-339.	0.3	0
85	New high precision data on the differential cross sections of the pion-proton elastic scattering. EPJ Web of Conferences, 2014, 81, 02001.	0.5	6
86	EPECUR setup for the search for narrow baryon resonances in pion-proton scattering. Instruments and Experimental Techniques, 2014, 57, 535-552.	4.1	10
87	Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2014, 113, 142301.	2.9	54
88	Observation of $\langle K_T \rangle$ and $\langle p_T \rangle$ fluctuations in Au+Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. Physical Review C, 2015, 92, .	7.8	179
89	Observation of $\langle K_T \rangle$ and $\langle p_T \rangle$ fluctuations in Au+Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. Physical Review C, 2015, 92, .	7.8	179
90	Observation of $\langle K_T \rangle$ and $\langle p_T \rangle$ fluctuations in Au+Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. Physical Review C, 2015, 92, .	7.8	179

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91	Beam-Energy Dependent dihadron correlations with harmonic oscillations in Au + Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	2.9	21
92	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
93	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	7.8	365
94	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at RHIC. Physical Review C, 2014, 89, .	2.9	73
95	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
96	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
97	Jet-Hadron Correlations in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 162301.	7.8	48
98	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at RHIC. Physical Review D, 2014, 89, .	4.7	35
99	STAR Collaboration. Nuclear Physics A, 2014, 932, 634-637.	1.5	0
100	STAR Collaboration. Nuclear Physics A, 2014, 931, 1237-1240.	1.5	0
101	Dilepton Mass Spectra from Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 022301.	7.8	52
102	Improving results on transverse double spin asymmetries in the CNJ region at STAR. Physics of Particles and Nuclei, 2014, 45, 120-122.	0.7	0
103	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
104	Suppression of Λ production in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 022301.	4.1	87
105	DANSSino: a pilot version of the DANSS neutrino detector. Physics of Particles and Nuclei Letters, 2014, 11, 473-482.	0.4	17
106	HIGH PRECISION MEASUREMENTS OF THE PION PROTON DIFFERENTIAL ELASTIC CROSS SECTION IN THE SECOND RESONANCE REGION. International Journal of Modern Physics Conference Series, 2014, 26, 1460076.	0.7	1
107	Longitudinal spin asymmetry in proton elastic scattering at RHIC. Physical Review Letters, 2014, 113, 072301.	4.1	41
108	Production of Λ and $\bar{\Lambda}$ in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 022301.	4.1	80

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109	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, .	2.9	109
110	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
111	Experimental studies of di-jets in Au+Au collisions using angular correlations with respect to back-to-back leading hadrons. Physical Review C, 2013, 87, .	2.9	4
112	Third harmonic flow of charged particles in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	2.9	106
113	Elliptic flow of identified hadrons in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	2.9	124
114	Freeze-out dynamics via charged kaon femtoscopy in central Au+Au collisions. Physical Review C, 2013, 88, .	2.9	15
115	System-size dependence of transverse momentum correlations at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	2.9	9
116	Measurement of the elliptic flow anisotropy in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	7.8	38
117	Measurement of the elliptic flow anisotropy in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	2.9	40
118	Transverse single-spin asymmetry and cross section for polarized Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	4.7	70
119	Measurement of the elliptic flow anisotropy in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	4.7	66
120	Di-electron spectrum at mid-rapidity in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2012, 86, .	2.9	25
121	Identified Hadron Compositions in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2012, 86, .	2.9	127
122	Identified Hadron Compositions in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2012, 86, .	7.8	80
123	Directed-Flow Anisotropy in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2012, 86, .	2.9	21
124	Anomalous centrality evolution of two-particle angular correlations from Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2012, 86, .	2.9	45
125	Directed-Flow Anisotropy in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2012, 108, 202301.	7.8	34
126	System size and energy dependence of near-side dihadron correlations. Physical Review C, 2012, 85, .	2.9	28

#	ARTICLE	IF	CITATIONS
127	Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 042301.	7.8	91
128	Measurement of the $W^+e^+Z^0$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s} = 500$ GeV. Physical Review D, 2012, 85, .	4.7	97
129	Measurement of the $W^+e^+Z^0$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s} = 500$ GeV. Physical Review D, 2012, 85, .	4.7	19
130	Photoproduction in AuAu collisions at $\sqrt{s_{NN}} = 2.76$ TeV measured with the STAR detector. Physical Review C, 2012, 85, .	2.9	20
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