

Vitalii A Okorokov

List of Publications by Year in descending order

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Version: 2024-02-01

262
papers

22,961
citations

7568

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all docs

264
docs citations

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times ranked

6809
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for the chiral magnetic effect with isobar collisions at $\sqrt{s_{NN}} = 2.76$ GeV by the STAR Collaboration at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2022, 105, .	2.9	69
2	Prompt D0, D+, and D+ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
3	Probing the chiral structure of the deuteron with Λ hyperons. Differential measurements of jet substructure and parton energy loss in Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2022, 105, .	7.8	8
4	Centrality and transverse-momentum dependence of higher-order flow harmonics of identified hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2022, 105, .	2.9	6
5	Flow and interferometry results from Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2021, 103, .	2.9	6
6	Nonmonotonic Energy Dependence of Net-Proton Number Fluctuations. Physical Review Letters, 2021, 126, 092301.	2.9	30
7	Global Polarization of Λ and Σ Hyperons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review Letters, 2021, 127, 052302.	7.8	111
8	Measurement of Λ and Σ hyperon polarization in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review Letters, 2021, 127, 052302.	7.8	52
9	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
10	Collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2021, 104, .	7.8	24
11	Global Λ -hyperon polarization in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review Letters, 2021, 127, 052302.	2.9	47
12	The Tsallis entropy and the BKT-like phase transition in the impact parameter space for pp and pP collisions. Physica Scripta, 2020, 95, 025301.	2.5	5
13	Strange hadron production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2020, 102, .	2.9	54
14	Beam energy dependence of net- Λ fluctuations measured by the STAR experiment at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2020, 102, .	2.9	8
15	Measurement of inclusive charged-particle jet production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2020, 102, .	2.9	11
16	Beam-energy dependence of the directed flow of deuterons in Au+Au collisions. Physical Review C, 2020, 102, .	2.9	13
17	Beam-energy dependence of the directed flow of deuterons in Au+Au collisions. Physical Review C, 2020, 102, .	2.9	11

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19	Measurement of $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$ Baryon Production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2020, 101, .	7.8	45
20	Beam-energy dependence of identified two-particle angular correlations in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2020, 101, .	2.9	5
21	Beam energy dependence of identified two-particle angular correlations in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2020, 101, .	2.9	18
22	New physics searches with heavy-ion collisions at the CERN Large Hadron Collider. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 060501.	3.6	27
23	Hollowness effect and entropy in high energy elastic scattering. Physica Scripta, 2020, 95, 095305.	2.5	4
24	Measurement of away-side broadening with self-subtraction of flow in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Chinese Physics C, 2020, 44, 104001.	3.7	2
25	Top pair production at ultra-high energies. Journal of Physics: Conference Series, 2020, 1690, 012006.	0.4	2
26	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, .	2.9	31
27	Energy Dependence of the Ratio of the Elastic-to-Total Cross Sections for Proton+Proton and Antiproton+Proton Collisions. Physics of Atomic Nuclei, 2019, 82, 134-143.	0.4	3
28	Magnetic Field in Nuclear Collisions at Ultra High Energies. Physics, 2019, 1, 183-193.	1.4	4
29	First Observation of the Directed Flow of D^0 and D^+ Mesons in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2019, 123, 152301.	7.8	61
30	Observation of Excess D^0 Meson Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2019, 123, 152301.	7.8	131
31	Yield at Very Low Transverse Momenta in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2019, 99, .	7.8	22
32	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
33	Collision-energy dependence of $\langle \mathbf{p}_T \cdot \mathbf{p}_T \rangle$ correlations in Au + Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2019, 99, .	2.9	19
34	Azimuthal Harmonics in Small and Large Collision Systems at RHIC Top Energies. Physical Review Letters, 2019, 122, 172301.	7.8	36
35	Centrality and transverse momentum dependence of ϕ -meson production at mid-rapidity in Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2019, 99, .	2.9	47
36	Global Characteristics of the Medium Produced in Ultra-High Energy Cosmic Ray Collisions. Physics of Atomic Nuclei, 2019, 82, 838-844.	0.4	3

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37	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, 98, .	4.7	27
38	Beam Energy Dependence of Directed Flow of Λ Hyperons in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ GeV. <i>Physical Review Letters</i> , 2018, 121, 032301.	7.8	66
39	Experimental Results on Ultrahigh-Energy Cosmic Rays and Asymptotic Behavior of the Total Cross Section for Nucleon-Nucleon Interaction. <i>Physics of Atomic Nuclei</i> , 2018, 81, 508-514.	0.4	4
40	Low- p_T Pair Production in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ GeV. <i>Physical Review C</i> , 2018, 98, .	7.8	67
41	Harmonic decomposition of three-particle azimuthal correlations at energies available at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2018, 98, .	2.9	33
42	The size seems to matter or where lies the asymptopia?. <i>International Journal of Modern Physics A</i> , 2018, 33, 1850077.	1.5	18
43	Longitudinal double-spin asymmetries for Λ and $\bar{\Lambda}$ in the forward direction for 510 GeV polarized pp collisions. <i>Physical Review D</i> , 2018, 98, .	4.7	9
44	Longitudinal double-spin asymmetries for dijet production at intermediate pseudorapidity in polarized pp collisions at $\sqrt{s} = 200$ GeV. <i>Physical Review D</i> , 2018, 98, .	4.7	13
45	Measurement of the strange quark lifetime in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. <i>Physical Review C</i> , 2018, 98, .	2.9	52
46	Global polarization of Λ hyperons in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. <i>Physical Review C</i> , 2018, 98, .	2.9	205
47	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.	7.8	33
48	Transverse spin-dependent azimuthal correlations of charged pion pairs measured in $p^\uparrow + p$ collisions at $\sqrt{s} = 500$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 780, 332-339.	4.1	19
49	Azimuthal anisotropy in Cu+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2018, 98, .	2.9	23
50	Bulk properties of the medium produced in relativistic heavy-ion collisions from the beam energy scan program. <i>Physical Review C</i> , 2017, 96, .	2.9	357
51	Analysis of pp and $p\bar{p}$ elastic scatterings based on theoretical bounds in high-energy physics: An update. <i>International Journal of Modern Physics A</i> , 2017, 32, 1750175.	1.5	7
52	Dijet imbalance measurements in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. <i>Physical Review C</i> , 2018, 98, .	7.8	20
53	Measurements of jet quenching with semi-inclusive hadron+jet distributions in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. <i>Physical Review C</i> , 2018, 98, .	2.9	44
54	Energy dependence of J/ψ production in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 771, 13-20.	4.1	16

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55	Charge-Dependent Directed Flow in $Cu + Cu$ Collisions at $\sqrt{s} = 2.76$ GeV. Physical Review Letters, 2017, 118, 012301.	7.8	19
56	Global Λ hyperon polarization in nuclear collisions. Nature, 2017, 548, 62-65.	27.8	585
57	Coherent diffractive photoproduction of η mesons on gold nuclei at 200 GeV/nucleon-pair at the Relativistic Heavy Ion Collider. Physical Review C, 2017, 96, .	2.9	32
58	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
59	Elliptic flow of electrons from heavy-flavor hadron decays in $Au + Au$ collisions at $\sqrt{s_{NN}} = 200, 62.4,$ and 39 GeV. Physical Review C, 2017, 95, .	2.9	18
60	Measurement of D^0 Azimuthal Anisotropy at Midrapidity in $Au + Au$ Collisions at $\sqrt{s} = 2.76$ GeV. Physical Review D, 2017, 95, .	7.8	95
61	Chiral Effects in Nucleus-Nucleus Collisions: Experimental Review. Physics of Atomic Nuclei, 2017, 80, 1133-1140.	0.4	2
62	Comparative study of the inclusive asymmetries induced by polarized protons and antiprotons at 16 GeV/c at the U-70 accelerator. Journal of Physics: Conference Series, 2017, 938, 012014.	0.4	0
63	Simultaneous measurements of spin observables A_N and A_{NN} in elastic pp scattering (extension of the SPASCHARM program at U-70).. Journal of Physics: Conference Series, 2017, 938, 012006.	0.4	0
64	Λ Distributions for One-Dimensional Analysis of the Bose-Einstein Correlations. Advances in High Energy Physics, 2017, 2017, 1-18.	1.1	1
65	Geometry and Space-Time Extent of Pion Emission Region at FCC Energies. Advances in High Energy Physics, 2016, 2016, 1-14.	1.1	5
66	Particle correlators and possible local parity violation in nuclear collisions. Journal of Physics: Conference Series, 2016, 668, 012129.	0.4	2
67	The Λ energy dependence deduced from Bose-Einstein correlations of $\Lambda\bar{\Lambda}$ pairs produced in pp collisions. Journal of Physics: Conference Series, 2016, 675, 022001.	0.4	2
68	Measurement of elliptic flow of light nuclei at $\sqrt{s} = 62.4, 39, 27, 19.6, 11.5,$ and 7.7 GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	2.9	50
69	in $d + Au$, $Cu + Cu$, and $Au + Au$ collisions at $\sqrt{s} = 2.76$ GeV. Physical Review C, 2016, 94, .	2.9	3
70	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
71	Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s} = 2.76$ GeV. Physical Review C, 2016, 93, .	2.9	55
72	Probing parton dynamics of QCD matter with Λ and Λ^0 production. Physical Review C, 2016, 93, .	2.9	43

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73	Production at low transverse momentum in p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 93, 054907. Centrality and Transverse Momentum Dependence of Elliptic Flow of Multistrange Hadrons and Mesons in Au+Au Collisions at RHIC. Physical Review Letters, 2016, 116, 112302.	2.9	13
74	Centrality and Transverse Momentum Dependence of Elliptic Flow of Multistrange Hadrons and Mesons in Au+Au Collisions at RHIC. Physical Review Letters, 2016, 116, 112302.	7.8	58
75	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in Au+Au Collisions at RHIC. Physical Review Letters, 2016, 116, 112302.	7.8	73
76	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in Au+Au Collisions at RHIC. Physical Review Letters, 2016, 116, 112302.	7.8	47
77	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
78	Charge-dependent azimuthal correlations of secondary particles in heavy ion collisions. Journal of Physics: Conference Series, 2016, 675, 022021.	0.4	1
79	Production of Λ baryons in U + U collisions at $\sqrt{s_{NN}}=2.76$ GeV measured with the STAR experiment. Physical Review C, 2016, 94, .	2.9	21
80	NICA-MPD: Azimuthal and femtosopic particle correlations. European Physical Journal A, 2016, 52, 1.	2.5	1
81	NICA fixed target mode: Soft jet studies in the relative 4-velocity space. European Physical Journal A, 2016, 52, 1.	2.5	0
82	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
83	Energy dependence of K^0_S , p , and K^0_L fluctuations in Au+Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. Physical Review C, 2015, 92, .	2.9	17
84	Measurements of dielectron production in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ GeV from the STAR experiment. Physical Review C, 2015, 92, .	2.9	15
85	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. Observation of Transverse Spin-Dependent Azimuthal Correlations of Charged Pion Pairs in Au+Au Collisions at RHIC. Physical Review Letters, 2015, 115, 092002.	7.8	93
86	Observation of Transverse Spin-Dependent Azimuthal Correlations of Charged Pion Pairs in Au+Au Collisions at RHIC. Physical Review Letters, 2015, 115, 092002.	7.8	25
87	Observation of Transverse Spin-Dependent Azimuthal Correlations of Charged Pion Pairs in Au+Au Collisions at RHIC. Physical Review Letters, 2015, 115, 092002.	7.8	85
88	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
89	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
90	Estimation of Correlators within the Framework of Chiral Magnetic Effect Model in Nucleus-nucleus Collisions. Physics Procedia, 2015, 74, 44-47.	1.2	0

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91	Long-range pseudorapidity dihadron correlations in d+ Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 265-271.		68
92	Azimuthally Integrated HBT Parameters for Charged Pions in Nucleus-Nucleus Interactions versus Collision Energy. Advances in High Energy Physics, 2015, 2015, 1-13.	1.1	3
93	Energy Dependence of Slope Parameter in Elastic Nucleon-Nucleon Scattering. Advances in High Energy Physics, 2015, 2015, 1-14.	1.1	5
94	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 40-47.	4.1	32
95	Azimuthal harmonics in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 40-47.		11
96	Quark degrees of freedom in the production of soft pion jets. Physics of Atomic Nuclei, 2015, 78, 415-418.	0.4	1
97	Correlation Function in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 112, 179-182.	7.8	80
98	Effect of event selection on jetlike correlation measurement in d+ Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 333-339.		24
99	Measurement of interaction between antiprotons. Nature, 2015, 527, 345-348.	27.8	71
100	Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 90, .	2.9	17
101	Observation of $\langle \cos(\Delta\phi) \rangle$ at low $\sqrt{s_{NN}}$. Physical Review Letters, 2014, 112, 54-57.	2.9	54
102	Nuclear Modifications in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 112, 179-182.	7.8	179
103	Beam-Energy Dependence of Charge Separation along the Magnetic Field in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2014, 112, 21-24.	2.9	21
104	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
105	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	7.8	365
106	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2014, 89, .	2.9	78
107	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
108	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

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109	Jet-Hadron Correlations in $\sqrt{s} p \rightarrow \sqrt{s} p$ Physical Review Letters, 2014, 113, 102201.	7.8	48
110	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s} p \rightarrow \sqrt{s} p$ Physical Review D, 2014, 89, .	4.7	35
111	STAR Collaboration. Nuclear Physics A, 2014, 932, 634-637.	1.5	0
112	STAR Collaboration. Nuclear Physics A, 2014, 931, 1237-1240.	1.5	0
113	Dielectron Mass Spectra from $Au + Au \rightarrow Au + Au$ Collisions at $\sqrt{s} p \rightarrow \sqrt{s} p$ Physical Review Letters, 2014, 113, 022301.	7.8	52
114	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
115	Suppression of π^0 production in $Au + Au \rightarrow Au + Au$ Collisions at $\sqrt{s} p \rightarrow \sqrt{s} p$ Physical Review Letters, 2014, 113, 022301.	4.1	87
116	Single spin asymmetry $Au + Au \rightarrow Au + Au$ Collisions at $\sqrt{s} p \rightarrow \sqrt{s} p$ in polarized proton $p + p \rightarrow p + p$ proton elastic scattering at $\sqrt{s} p \rightarrow \sqrt{s} p$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 62-69.	4.1	41
117	Collective properties of the final state in processes involving the production of hadron jets. Physics of Atomic Nuclei, 2013, 76, 1230-1237.	0.4	1
118	Fluctuations of charge separation perpendicular to the event plane and local parity violation in $Au + Au \rightarrow Au + Au$ collisions at $\sqrt{s} p \rightarrow \sqrt{s} p$ the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	2.9	2
119	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
120	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
121	Third harmonic flow of charged particles in Au $Au + Au \rightarrow Au + Au$ collisions at $\sqrt{s} p \rightarrow \sqrt{s} p$ the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 87, .	2.9	106
122	Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s} p \rightarrow \sqrt{s} p$ the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 87, .	2.9	124
123	Freeze-out dynamics via charged kaon femtoscopy in $Au + Au \rightarrow Au + Au$ central Au $p + p \rightarrow p + p$ collisions. Physical Review C, 2013, 88, .	2.9	15
124	System-size dependence of transverse momentum correlations at $Au + Au \rightarrow Au + Au$ collisions at $\sqrt{s} p \rightarrow \sqrt{s} p$ the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 87, .	2.9	9
125	Azimuthal Anisotropy in $Au + Au \rightarrow Au + Au$ collisions at $\sqrt{s} p \rightarrow \sqrt{s} p$ the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 87, .	7.8	38
126	DEPENDENCE OF SOFT PION JET PROPERTIES IN THE SPACE OF RELATIVE FOUR-DIMENSIONAL VELOCITIES ON INITIAL ENERGY. International Journal of Modern Physics A, 2013, 28, 1350150.	1.5	2

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127	DEPENDENCE OF ASYMMETRIES FOR CHARGE DISTRIBUTION WITH RESPECT TO THE REACTION PLANE ON INITIAL ENERGY IN HEAVY-ION COLLISIONS. International Journal of Modern Physics E, 2013, 22, 1350041.	1.0	6
128	Energy and system-size dependence of two- and four-particle measurements in heavy-ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 044907.	2.9	40
129	Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 202301.	4.7	70
130	Displacement spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 044907.	4.7	66
131	Inclusive charged hadron elliptic flow in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 044907.	2.9	25
132	Directed and elliptic flow of charged particles in Cu+Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 044907.	2.9	127
133	Directed and elliptic flow of charged particles in Cu+Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 044907.	7.8	80
134	Directed and elliptic flow of charged particles in Cu+Cu collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 044907.	2.9	21
135	Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 044907.	2.9	45
136	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
137	System size and energy dependence of near-side dihadron correlations. Physical Review C, 2012, 85, 044907.	2.9	28
138	Strangeness Enhancement in Cu-Cu and Au-Au Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2012, 108, 072301.	7.8	91
139	Production of Λ and $\bar{\Lambda}$ in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 044907.	4.7	97
140	EVENT SHAPES FOR HADRONIC FINAL STATE: EXPERIMENTAL REVIEW. International Journal of Modern Physics A, 2012, 27, 1250037.	1.5	8
141	Measurement of the $W^+e^+Z\nu_e$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s} = 500$ GeV. Physical Review D, 2012, 85, 052001.	4.7	19
142	Photoproduction of Λ and $\bar{\Lambda}$ in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2012, 85, 044907.	2.9	20
143	Measurement of the $W^+e^+Z\nu_e$ production cross sections at mid-rapidity in proton-proton collisions at $\sqrt{s} = 500$ GeV. Physical Review D, 2012, 85, 052001.	4.7	45
144	Observation of the antimatter helium-4 nucleus. Nature, 2011, 473, 353-356.	27.8	154

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145	Evolution of the differential transverse momentum correlation function with centrality in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 022301.	4.1	29
146	Strange and charm strange particle production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 022302.	2.9	60
147	Measurement of the Parity-Violating Longitudinal Single-Spin Asymmetry for Λ and $\bar{\Lambda}$ in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 022303.	2.9	86
148	Production in Polarized Proton-Proton Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 022304.	7.8	46
149	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, 054907.	2.9	37
150	Scaling properties at freeze-out in relativistic heavy-ion collisions. Physical Review C, 2011, 83, 054907.	2.9	28
151	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. Physical Review C, 2011, 83, 054908.	2.9	13
152	Collective and fractal properties of pion jets in the space of 4-velocities at intermediate energies. Physics of Atomic Nuclei, 2010, 73, 1963-1969.	0.4	3
153	Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC. Nuclear Physics A, 2010, 832, 134-147.	1.5	12
154	System size dependence of associated yields in hadron-triggered jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 123-128.	4.1	15
155	Observation of Λ and $\bar{\Lambda}$ in ultraperipheral heavy-ion collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 022301.	4.1	20
156	Parton energy loss in heavy-ion collisions via direct-photon and charged-particle azimuthal correlations. Physical Review C, 2010, 82, 054907.	2.9	53
158	Balance functions from Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2010, 105, 022301.	2.9	45
159	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, 022301.	2.9	17
160	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, 054907.	7.8	68
161	Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy-ion collisions. Physical Review C, 2010, 81, 054907.	2.9	263
162	Three-Particle Coincidence of the Long Range Pseudorapidity Correlation in High Energy Nucleus-Nucleus Collisions. Physical Review Letters, 2010, 105, 022301.	7.8	80

#	ARTICLE	IF	CITATIONS
163	Higher Moments of Net Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2010, 105, 022302.	7.8	278
164	Azimuthal di-hadron correlations in $\langle \cos(\phi_1 - \phi_2) \rangle$ and $\langle \cos(\phi_1 + \phi_2) \rangle$ Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2010, 105, 022302.	2.9	61
165	Neutral pion production in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2010, 105, 022302.	2.9	55
166	$\sqrt{s_{NN}}$ cross section in p+pcollisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review D, 2010, 82, .	4.7	20
167	ANALYSIS OF pp AND $\sqrt{s_{NN}}$ ELASTIC SCATTERING BASED ON HIGH ENERGY BOUNDS. International Journal of Modern Physics A, 2010, 25, 5333-5348.	1.5	12
168	Observation of an Antimatter Hypernucleus. Science, 2010, 328, 58-62.	12.6	249
169	Inclusive π^0 production at high transverse momenta in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2009, 103, 251601.	2.9	32
170	Direct photon production at high transverse momenta in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2009, 103, 251601.	2.9	81
171	Azimuthal Charged-Particle Correlations and Possible Local Strong Parity Violation. Physical Review Letters, 2009, 103, 251601.	7.8	424
172	Neutral pion production in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2009, 103, 251601.	2.9	25
173	Indications of Conical Emission of Charged Hadrons at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2009, 102, 052302.	7.8	91
174	K^0_S Fluctuations at Relativistic Energies. Physical Review Letters, 2009, 103, 092301.	7.8	53
175	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
176	Beam-energy and system-size dependence of dynamical net charge fluctuations. Physical Review C, 2009, 79, .	2.9	44
177	Systematic measurements of identified particle spectra in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2009, 103, 092301.	2.9	714
178	Long range rapidity correlations and jet production in high energy nuclear collisions. Physical Review C, 2009, 80, .	2.9	220
179	Growth of Long Range Forward-Backward Multiplicity Correlations with Centrality in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2009, 103, 172301.	7.8	79
180	The STAR Collaboration. Nuclear Physics A, 2009, 830, 969c-971c.	1.5	8

#	ARTICLE	IF	CITATIONS
181	<p>and system size dependence of $\bar{\Lambda}$-meson production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2009, 79, 054901.</p>	4.1	71
182	<p>Azimuthal anisotropy and formation of an extreme state of strongly interacting matter at the relativistic heavy-ion collider (RHIC). Physics of Atomic Nuclei, 2009, 72, 147-160.</p>	0.4	8
183	<p>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, 2008, 100, 232003.</p>	4.7	37
184	<p>Longitudinal spin transfer to Λ hyperons in polarized proton-proton collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2008, 100, 232003.</p>	4.7	17
185	<p>Measurements of Λ-meson production in relativistic heavy-ion collisions at the BNL Relativistic Heavy Ion Collider (RHIC). Physical Review C, 2009, 79, 054901.</p>	2.9	117
186	<p>Observation of Two-Source Interference in the Photoproduction Reaction $\gamma + \text{AuAu} \rightarrow \Lambda + \text{AuAu}$. Physical Review Letters, 2009, 102, 112301.</p>	7.8	38
187	<p>System-Size Independence of Directed Flow Measured at the BNL Relativistic Heavy-Ion Collider. Physical Review Letters, 2008, 101, 252301.</p>	7.8	102
188	<p>Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in $\text{p} + \text{p}$ Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2008, 100, 232003.</p>	7.8	89
189	<p>Enhanced strange baryon production in Au+Au collisions compared to p+p collisions. Physical Review C, 2006, 77, 054901.</p>	2.9	97
190	<p>Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2006, 77, 054901.</p>	2.9	225
191	<p>Centrality dependence of charged hadron and strange hadron elliptic flow from Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2006, 77, 054901.</p>	2.9	225

#	ARTICLE	IF	CITATIONS
199	$\hat{I}^{\prime}\hat{I}^{\prime\prime}\hat{I}^{\prime\prime\prime}$ -correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	50
200	Partonic Flow and Meson Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	7.8	181
201	Global polarization measurement in Au+Au collisions. Physical Review C, 2007, 76, .	2.9	4
202	Global polarization measurement in Au+Au collisions. Physical Review C, 2007, 76, .	2.9	107
203	The energy dependence of pT 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
204	Two-particle correlations on transverse momentum and momentum dissipation in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 799-816.	3.6	14
205	The Explicit Procedures for Reconstruction of Full Set of Helicity Amplitudes in Elastic Proton-Proton and Proton-Antiproton Collisions. AIP Conference Proceedings, 2007, , .	0.4	0
206	Strange particle production in p+p collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	2.9	267
207	Mass, quark-number, and $\sqrt{s_{NN}}$ dependence of the second and fourth flow harmonics in ultrarelativistic nucleus-nucleus collisions. Physical Review C, 2007, 75, .	2.9	112
208	Transverse Momentum and Centrality Dependence of High-pT Nonphotonic Electron Suppression in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 192301.	7.8	379
209	Energy dependence of minimum-bias strange production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	4.1	161
210	COLLECTIVE EFFECTS IN A MEDIUM AND A MODEL OF COMPOUND FLOW IN RELATIVISTIC HEAVY ION COLLISIONS. , 2007, , .		0
211	STAR Collaboration. Nuclear Physics A, 2006, 774, 956-958.	1.5	3
212	Hadronization geometry from net-charge angular correlations on momentum subspace in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	4.1	31
213	Hadronization geometry from net-charge angular correlations on momentum subspace in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2007, 75, .	4.1	228
214	Transverse-momentum pT correlations on (\hat{I}, ϕ) from mean-pT fluctuations in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, L37-L48.	3.6	78
215	Multiplicity dependence of inclusive pT spectra from p+p collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2006, 74, .	4.7	60
216	Minijet deformation and charge-independent angular correlations on momentum subspace (\hat{I}, ϕ) in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2006, 73, .	2.9	166

#	ARTICLE	IF	CITATIONS
217	Direct Observation of Dijets in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 162301.	7.8	179
218	Multiplicity and pseudorapidity distributions of charged particles and photons at forward pseudorapidity in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, .	2.9	40
219	Strange Baryon Resonance Production in $\sqrt{s_{NN}}=200$ GeV p+Au Collisions. Physical Review Letters, 2006, 97, 132301.	7.8	108
220	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
221	Forward Neutral Pion Production in p+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 152302.	7.8	166
222	Longitudinal Double-Spin Asymmetry and Cross Section for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 252001.	7.8	141
223	Directed flow in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review C, 2006, 73, .	2.9	55
224	Proton- \bar{p} correlations in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	47
225	Neutral kaon interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2006, 74, .	2.9	35
226	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, 102-183.	1.5	2,780
227	Production of Λ baryons in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review Letters, 2006, 97, 152301.	4.1	166
228	Production of Λ baryons in Au+Au collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review Letters, 2006, 97, 152301.	4.1	122
229	$K(892)^*$ resonance production in Au+Au and p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	149
230	Transverse-momentum dependent modification of dynamic texture in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	3
231	Incident energy dependence of $\langle p_T \rangle$ correlations at relativistic energies. Physical Review C, 2005, 72, .	2.9	84
232	Multistrange Baryon Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 122301.	7.8	164
233	Multiplicity and Pseudorapidity Distributions of Photons in Au+Au Collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review Letters, 2005, 95, 062301.	7.8	42
234	Distributions of Charged Hadrons Associated with High Transverse Momentum Particles in p+Au and Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 152301.	7.8	445

#	ARTICLE	IF	CITATIONS
235	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	248
236	Event-wise $\langle \epsilon \rangle$ fluctuations in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2005, 71, .	2.9	66
237	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	2.9	520
238	Open Charm Yields in d+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 062301.	7.8	201
239	An update from STAR using strangeness to probe relativistic heavy ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S61-S73.	3.6	5
240	Azimuthally Sensitive Hanbury Brown-Twiss Interferometry in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, .	7.8	84
241	Rapidity and centrality dependence of proton and antiproton production from Au197+Au197 collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2004, 70, .	2.9	19
242	Photon and neutral pion production in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2004, 70, .	2.9	19
243	Azimuthal Anisotropy and Correlations at Large Transverse Momenta in p+Au and Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 252301.	7.8	122
244	Identified Particle Distributions in p+Au and Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 112301.	7.8	368
245	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.	7.8	220
246	$\bar{\Lambda}$ Production and Possible Modification in Au+Au and p+p Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 092301.	7.8	127
247	Centrality and pseudorapidity dependence of charged hadron production at intermediate p_T in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2004, 70, .	2.9	9
248	Production of e^+e^- pairs accompanied by nuclear dissociation in ultraperipheral heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	79
249	Multistrange Baryon Production in Au-Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2004, 92, 182301.	7.8	140
250	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
251	Measurements of transverse energy distributions in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 70, .	2.9	62
252	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

#	ARTICLE	IF	CITATIONS
253	Strange antiparticle-to-particle ratios at mid-rapidity in sNN=130 GeV Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 567, 167-174.	4.1	39
254	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
255	Transverse-Momentum and Collision-Energy Dependence of High-pT Hadron Suppression in Au+Au Collisions at Ultrarelativistic Energies. Physical Review Letters, 2003, 91, 172302.	7.8	614
256	TWO-PARTICLE CORRELATION MEASUREMENTS WITH STAR DETECTOR AT RHIC. , 2003, , .		0
257	Centrality Dependence of High-pT Hadron Suppression in Au+Au Collisions at sNN=130 GeV. Physical Review Letters, 2002, 89, 202301.	7.8	518
258	Strangeness in Au+Au collisions at sNN = 130 GeV observed with the STAR detector. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1535-1542.	3.6	12
259	Correlations between pions of low relative momenta. Physics of Atomic Nuclei, 2002, 65, 348-352.	0.4	0
260	Title is missing!. Instruments and Experimental Techniques, 2001, 44, 311-319.	0.5	0
261	THE SCALING HYPOTHESES FOR SINGLE SPIN ASYMMETRY IN INCLUSIVE HADRON PRODUCTION. International Journal of Modern Physics A, 1999, 14, 195-203.	1.5	0
262	Optical theorem, crossing property and derivative dispersion relations: implications on the asymptotic behavior of $\tilde{f}_{\text{tot}}(s)$ and $\tilde{f}(s)$. Chinese Physics C, 0, , .	3.7	0