

Li Yi

List of Publications by Year in descending order

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62
papers

3,338
citations

117625

34
h-index

138484

58
g-index

64
all docs

64
docs citations

64
times ranked

3758
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	7.8	365
2	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
3	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
4	Observation of Nuclear Modifications in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	7.8	179
5	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
6	Elliptic flow of identified hadrons in Au+Au collisions at RHIC. Physical Review C, 2013, 88, 054907.	2.9	124
7	GeV. Au collisions at RHIC. Physical Review C, 2013, 88, 054907.	2.9	106
8	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
9	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, 054907.	2.9	73
10	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
11	Azimuthal Anisotropy in Au+Au collisions at RHIC. Physical Review C, 2013, 88, 054907.	4.1	87
12	Correlation Function in Au+Au collisions at RHIC. Physical Review C, 2013, 88, 054907.	7.8	85
13	Examination of the species and beam energy dependence of particle spectra using Tsallis statistics. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 085104.	3.6	76
14	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at RHIC. Physical Review C, 2013, 88, 054907.	2.9	73
15	Measurement of the Transverse Single-Spin Asymmetry in Au+Au collisions at RHIC. Physical Review C, 2013, 88, 054907.	7.8	73
16	Measurement of interaction between antiprotons. Nature, 2015, 527, 345-348.	27.8	71
17	Precision Measurement of the Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at RHIC. Physical Review Letters, 2015, 115, 092002.	7.8	70

#	ARTICLE	IF	CITATIONS
19	Long-range pseudorapidity dihadron correlations in d+ Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 265-271.		68
20	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
21	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
22	Centrality and Transverse Momentum Dependence of Elliptic Flow of Multistrange Hadrons and Λ production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2014, 112, 122301.	7.8	58
23	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
24	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
25	Dielectron Mass Spectra from Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2014, 113, 022301.	2.9	54
26	Measurement of elliptic flow of light nuclei at $\sqrt{s_{NN}}=200$ GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	7.8	52
27	Jet-Hadron Correlations in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2014, 112, 122301.	7.8	48
28	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
29	The Statistical Origin of Constituent-Quark Scaling in QGP Hadronization. Chinese Physics Letters, 2013, 30, 031201.	3.3	43
30	Probing parton dynamics of QCD matter with Λ production. Physical Review Letters, 2014, 112, 122301.	2.9	43
31	Measurement of Λ production. Physical Review Letters, 2014, 112, 122301.	7.8	38
32	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
33	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2014, 89, .	4.7	35
34	Observation of Transverse Spin-Dependent Azimuthal Correlations of Charged Pion Pairs in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 689-696.	4.1	32
35	Measurement of Λ production. Physical Review Letters, 2014, 112, 122301.	7.8	25
36	Measurement of Λ production. Physical Review Letters, 2014, 112, 122301.		

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37	Effect of event selection on jetlike correlation measurement in d+ Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, .	2.9	24
38	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
39	Energy dependence of $\langle K^0_S \rangle$, $\langle p_T \rangle$, and $\langle K^0_S \rangle$ fluctuations in Au+Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. Physical Review C, 2015, 92, .	2.9	17
40	Freeze-out dynamics via charged kaon femtoscopy in central Au+Au collisions. Physical Review C, 2013, 88, .	2.9	15
41	Nonequilibrium kinetic freeze-out properties in relativistic heavy ion collisions from energies employed at the RHIC beam energy scan to those available at the LHC. Physical Review C, 2021, 104, .	2.9	15
42	J/ψ production at low transverse momentum in p+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 93, .	2.9	13
43	Decomposition of flow and nonflow in relativistic heavy-ion collisions. Physical Review C, 2012, 86, .	2.9	12
44	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
45	Isolation of flow and nonflow correlations by two- and four-particle cumulant measurements of azimuthal harmonics in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 745, 40-47.	2.9	11
46	Nonflow \hat{c}_2 factorization and a novel method to disentangle anisotropic flow and nonflow. Physical Review C, 2012, 86, .	2.9	10
47	System-size dependence of transverse momentum correlations at $\sqrt{s_{NN}}=200$ GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 87, .	4.1	10
48	Influence of initial-state momentum anisotropy on the final-state collectivity in small collision systems. Physical Review C, 2019, 100, .	2.9	10
49	System-size dependence of transverse momentum correlations at $\sqrt{s_{NN}}=200$ GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 87, .	2.9	9
50	Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2014, 90, .	2.9	7
51	Factorization of event-plane correlations over transverse momentum in relativistic heavy ion collisions in a multiphase transport model. Physical Review C, 2016, 94, .	2.9	6
52	Search for ϕ in d+Au collisions at RHIC by STAR. Nuclear Physics A, 2014, 931, 326-330.	1.5	5
53	Charged-to-neutral correlation at forward rapidity in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, .	2.9	4
54	Isolation of flow and nonflow by two- and multi-particle cumulant measurements of $\langle K^0_S \rangle$ in Au+Au collisions. Nuclear Physics A, 2013, 904-905, 401c-404c.	1.5	3

#	ARTICLE	IF	CITATIONS
55	Real-time azimuthal and pseudorapidity correlations using neutral strange baryons and mesons in $d+Au$, $Cu+Cu$, and $Au+Au$ collisions at $\sqrt{s_{NN}} = 2.76$ and 2.01 TeV. <i>Physical Review C</i> , 2016, 94, 054907.	2.9	3
56	Possibility to disentangle anisotropic flow, flow fluctuation, and nonflow assuming Gaussian fluctuations. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013, 40, 035111.	3.6	2
57	Study of Small Colliding Systems. <i>Nuclear Physics A</i> , 2019, 982, 85-91.	1.5	1
58	Azimuthal anisotropy measurements by STAR. <i>Nuclear Physics A</i> , 2014, 926, 198-204.	1.5	0
59	STAR Overview of Hard Probe Observables. <i>Nuclear and Particle Physics Proceedings</i> , 2016, 276-278, 11-16.	0.5	0
60	\tilde{v}_2 Ridge in $d+Au$. <i>Springer Theses</i> , 2016, , 55-78.	0.1	0
61	Isolation of Flow and Nonflow Correlations. <i>Springer Theses</i> , 2016, , 41-54.	0.1	0
62	Early strangeness freeze-out from RHIC BES to LHC. <i>EPJ Web of Conferences</i> , 2022, 259, 11001.	0.3	0