

# 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	Early strangeness freeze-out from RHIC BES to LHC. EPJ Web of Conferences, 2022, 259, 11001.	0.3	0
2	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
3	Study of Small Colliding Systems. Nuclear Physics A, 2019, 982, 85-91.	1.5	1
4	Influence of initial-state momentum anisotropy on the final-state collectivity in small collision systems. Physical Review C, 2019, 100, .	2.9	10
5	Measurement of elliptic flow of light nuclei at $\sqrt{s_{NN}} = 62.4, 39, 27, 19.6, 11.5,$ and $7.7$ GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	2.9	10
6	Near-side azimuthal and pseudorapidity correlations using neutral strange baryons and mesons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2016, 94, .	2.9	3
7	STAR Overview of Hard Probe Observables. Nuclear and Particle Physics Proceedings, 2016, 276-278, 11-16.	0.5	0
8	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
9	Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2016, 93, .	2.9	55
10	Probing parton dynamics of QCD matter with $\phi$ production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2016, 93, .	2.9	43
11	$\phi$ production at low transverse momentum in p+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2016, 93, .	2.9	13
12	Centrality and Transverse Momentum Dependence of Elliptic Flow of Multistrange Hadrons and Meson Production in Au+Au Collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2016, 93, .	7.8	58
13	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
14	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
15	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
16	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
17	$\tilde{r}_{ridge}^{TM}$ in d+Au. Springer Theses, 2016, , 55-78.	0.1	0
18	Isolation of Flow and Nonflow Correlations. Springer Theses, 2016, , 41-54.	0.1	0

#	ARTICLE	IF	CITATIONS
19	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
20	Energy dependence of $\langle K_T \rangle$ , $\langle p_T \rangle$ , and $\langle K_p \rangle$ fluctuations in Au+Au collisions from $\sqrt{s_{NN}}=7.7$ to 200 GeV. Physical Review C, 2015, 92, .	2.9	17
21	Measurements of dielectron production in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ and 3.9 GeV from the STAR experiment. Physical Review C, 2015, 92, .	2.9	17
22	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
23	Observation of Transverse Spin-Dependent Azimuthal Correlations of Charged Pion Pairs in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review Letters, 2015, 115, 092002.	7.8	25
24	Azimuthal Anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review Letters, 2015, 115, 092002.	7.8	85
25	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
26	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
27	Long-range pseudorapidity dihadron correlations in d+ Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review Letters, 2015, 115, 092002.	7.8	68
28	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review Letters, 2015, 115, 092002.	4.1	32
29	Nuclear modification factor for dihadron correlations in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 333-339.	4.1	11
30	Charged-to-neutral correlation at forward rapidity in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review C, 2015, 91, .	2.9	4
31	Correlation Function in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review Letters, 2015, 115, 092002.	7.8	80
32	Effect of event selection on jetlike correlation measurement in d+ Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 333-339.	4.1	24
33	Measurement of interaction between antiprotons. Nature, 2015, 527, 345-348.	27.8	71
34	Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review C, 2014, 90, .	2.9	17
35	Measurement of polarization in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review Letters, 2015, 115, 092002.	4.1	10
36	Measurement of polarization in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ GeV. Physical Review Letters, 2015, 115, 092002.	2.9	54

#	ARTICLE	IF	CITATIONS
37	Observation of $\langle \mathcal{M} \rangle$ in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	7.8	179
38	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
39	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	7.8	365
40	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at RHIC. Physical Review C, 2014, 89, .	2.9	73
41	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
42	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
43	Jet-Hadron Correlations in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 162301.	7.8	48
44	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at RHIC. Physical Review D, 2014, 89, .	4.7	35
45	Search for $\phi$ in d+Au collisions at RHIC by STAR. Nuclear Physics A, 2014, 931, 326-330.	1.5	5
46	Dielectron Mass Spectra from Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 022301.	7.8	52
47	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
48	Suppression of $\Upsilon$ production in Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 072301.	4.1	87
49	Azimuthal anisotropy measurements by STAR. Nuclear Physics A, 2014, 926, 198-204.	1.5	0
50	Isolation of Flow and Nonflow by Two- and Multi-Particle Cumulant Measurements of Au+Au collisions at RHIC. Nuclear Physics A, 2013, 904-905, 401c-404c.	1.5	3
51	Possibility to disentangle anisotropic flow, flow fluctuation, and nonflow assuming Gaussian fluctuations. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 035111.	3.6	2
52	The Statistical Origin of Constituent-Quark Scaling in QGP Hadronization. Chinese Physics Letters, 2013, 30, 031201.	3.3	43
53	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	10
54	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

#	ARTICLE	IF	CITATIONS
55	Harmonic flow of charged particles in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2013, 88, .	2.9	106
56	Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review C, 2013, 88, .	2.9	124
57	Freeze-out dynamics via charged kaon femtoscopy in central Au+Au collisions. Physical Review C, 2013, 88, .	2.9	15
58	System-size dependence of transverse momentum correlations at 200 GeV at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 87, .	2.9	9
59	Azimuthal Anisotropy in Au collisions. Physical Review C, 2012, 86, .	7.8	38
60	Nonflow factorization and a novel method to disentangle anisotropic flow and nonflow. Physical Review C, 2012, 86, .	2.9	10
61	Decomposition of flow and nonflow in relativistic heavy-ion collisions. Physical Review C, 2012, 86, .	2.9	12
62	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