

Sarah Campbell

List of Publications by Year in descending order

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152
papers

9,271
citations

28274

55
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39675

94
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154
all docs

154
docs citations

154
times ranked

5969
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Loss and Flow of Heavy Quarks in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, .	7.8	489
2	J/ψ Production versus Centrality, Transverse Momentum, and Rapidity in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 232301.	7.8	430
3	Enhanced Production of Direct Photons in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2010, 104, 132301.	7.8	319
4	Scaling Properties of Azimuthal Anisotropy in Au+Au and Cu+Cu Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2007, 98, 162301.	7.8	307
5	Hadron azimuthal correlations in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2008, 101, 252301.	2.9	256
6	Suppression Pattern of Neutral Pions at High Transverse Momentum in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2008, 101, 252301.	7.8	255
7	Detailed Measurement of the Continuum in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2011, 107, 252301.	2.9	254
8	Measurements of Higher Order Flow Harmonics in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2011, 107, 252301.	7.8	249
9	Measurement of High- p_T Single Electrons from Heavy-Flavor Decays in p+p Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2006, 97, 252002.	7.8	246
10	Heavy-quark production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2006, 97, 252002.	7.8	200
11	Measurement of neutral mesons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2011, 107, 252301.	2.9	196
12	Scaling properties of hadron production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2011, 83, .	4.7	189
13	Identified charged hadron production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2011, 107, 252301.	7.8	184
14	Measurement of Long-Range Angular Correlation and Quadrupole Anisotropy of Pions and (Anti)Protons in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2011, 107, 252301.	2.9	170
15	J/ψ Production versus Transverse Momentum and Rapidity in p+p Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2007, 98, 232002.	4.7	163
16	J/ψ Production versus Transverse Momentum and Rapidity in p+p Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2007, 98, 232002.	7.8	161
17	Measurement of Long-Range Angular Correlation and Quadrupole Anisotropy of Pions and (Anti)Protons in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2011, 107, 252301.	2.9	149
18	Measurement of Long-Range Angular Correlation and Quadrupole Anisotropy of Pions and (Anti)Protons in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2015, 114, 192301.	7.8	143

#	ARTICLE	IF	CITATIONS
37	mass spectra in p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252301.	4.1	75
38	Nuclear modification factors of mesons in p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252302.	2.9	75
39	Azimuthally anisotropic emission of low-momentum direct photons in Au + Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2016, 94, .	2.9	73
40	Gluon-Spin Contribution to the Proton Spin from the Double-Helicity Asymmetry in Inclusive π^0 Production in Polarized $p+p$ Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2009, 103, 012003.	7.8	72
41	Onset of π^0 Suppression Studied in Cu+Cu Collisions at $\sqrt{s_{NN}} = 22.4, 62.4, \text{ and } 200$ GeV. Physical Review Letters, 2008, 101, 162301.	7.8	70
42	Measurement of Bottom Versus Charm as a Function of Transverse Momentum with Electron-Hadron Correlations in p Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252303.	7.8	70
43	Transverse energy distributions at midrapidity in p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252304.	4.7	70
44	Transverse energy distributions at midrapidity in p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252305.	2.9	67
45	Centrality categorization for $R_p(d) + A$ in high-energy collisions. Physical Review C, 2014, 90, .	2.9	65
46	Deviation from quark number scaling of the anisotropy parameter v_2 of pions, kaons, and protons in p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252306.	2.9	64
47	Transverse momentum dependence of v_2 in p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252307.	2.9	63
48	Transverse momentum dependence of dihadron correlations in Au+Au collisions at midrapidity in p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252308.	4.7	63
49	of hadrons in polarized p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252309.	4.7	63
50	Transverse momentum and centrality dependence of dihadron correlations in Au+Au collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252310.	2.9	62
51	Jet quenching and the response of partonic matter. Physical Review C, 2008, 77, .	7.8	61
52	Transition in Yield and Azimuthal Shape Modification in Dihadron Correlations in Relativistic Heavy Ion Collisions. Physical Review Letters, 2010, 104, 252311.	2.9	60
53	Photon-hadron jet correlations in p collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2010, 104, 252312.	2.9	59
54	Saturation of Azimuthal Anisotropy in Au+Au Collisions at $\sqrt{s_{NN}} = 62$ GeV. Physical Review Letters, 2005, 94, 232302.	7.8	57

#	ARTICLE	IF	CITATIONS
55	System Size and Energy Dependence of Jet-Induced Hadron Pair Correlation Shapes in Cu+Cu and Au+Au Collisions at $\sqrt{s_{NN}}=200$ and 62.4 GeV. Physical Review Letters, 2007, 98, 232302.	7.8	56
56	Cold-Nuclear-Matter Effects on Heavy-Quark Production at Forward and Backward Rapidity in Cu+Cu and Au+Au Collisions at $\sqrt{s_{NN}}=200$ and 62.4 GeV. Physical Review Letters, 2014, 112, 252301.	7.8	56
57	Production of Λ and $\bar{\Lambda}$ in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2011, 106, 062001.	4.7	55
58	Cross Section and Parity-Violating Spin Asymmetries of W^{\pm} Boson Production in Polarized p+p Collisions at $\sqrt{s}=500$ GeV. Physical Review Letters, 2011, 106, 062001.	7.8	54
59	High-pT Λ production with respect to the reaction plane in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2009, 80, .	2.9	51
60	Centrality-Dependent Modification of Jet-Production Rates in Deuteron-Gold Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	7.8	48
61	Cross section and double helicity asymmetry for Λ production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	7.8	45
62	Production of Λ and $\bar{\Lambda}$ in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2011, 106, 062001.	4.7	43
63	Measurements of Multiparticle Correlations in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 93, .	2.9	43
64	Collisions at 200, 62.4, 39, and 19.6 GeV and Λ production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	7.8	43
65	Dielectron production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2016, 93, .	2.9	40
66	Medium Modification of Jet Fragmentation in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	7.8	40
67	Source Breakup Dynamics in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	2.9	40
68	Direct photon production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	7.8	37
69	Direct photon production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	2.9	37
70	Direct photon production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	2.9	37
71	Direct photon production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	4.7	37
72	Direct photon production in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2016, 116, 122301.	4.7	36

#	ARTICLE	IF	CITATIONS
91	Measurements of directed, elliptic, and triangular flow in Cu+Au collisions at sNN=200 GeV. Physical Review C, 2016, 94, .	2.9	24
92	in $d+Au$ and $p+Au$ collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 95, .	2.9	23
93	Drell-Yan pairs from open heavy flavor and charm quark production in $p+Au$ collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 95, .	4.7	23
94	suppression of J/ψ production at forward rapidity in Au+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 95, .	2.9	22
95	Azimuthal-Plane Dependence of Charged-Pion Interferometry Measurements with Respect to Second- and Third-Order Event Planes in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2014, 112, 222301.	7.8	20
96	Measurement of the relative yields of η and η' mesons produced at forward and backward rapidity in $p+Au$ collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 95, .	2.9	20
97	Systematic study of azimuthal anisotropy in Cu+Cu and Au+Au collisions at $\sqrt{s_{NN}}=62.4$ and 200 GeV. Physical Review C, 2015, 92, .	2.9	19
98	Heavy-quark production and elliptic flow in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2015, 91, .	2.9	19
99	Identifying azimuthal anisotropy in central $p+Au$, $d+Au$, and ^3He+Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 95, .	2.9	19
100	System-size dependence of open-heavy-flavor production in nucleus-nucleus collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2014, 90, .	2.9	18
101	Production of b hadrons via dielectrons in $p+Au$ collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 95, .	2.9	17
102	Cross section and transverse single-spin asymmetry of muons from open heavy-flavor decays in $p+Au$ collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review D, 2017, 95, .	4.7	17
103	Azimuthal anisotropy of η and η' mesons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2013, 88, .	2.9	16
104	Systematic study of charged-pion and kaon femtoscopy in Au + Au collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2015, 92, .	2.9	16
105	Nuclear matter effects on η' production in asymmetric Cu+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2014, 90, .	2.9	15
106	Nuclear-modification factor of charged hadrons at forward and backward rapidity in $p+Al$ and $p+Au$ collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2020, 101, .	2.9	15
107	Heavy-flavor electron-muon correlations in $p+Au$ collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2017, 95, .	2.9	14
108	Scaling properties of fractional momentum loss of high- p_T particles in nucleus-nucleus collisions at $\sqrt{s_{NN}}=62.4$ GeV to 2.76 TeV. Physical Review C, 2016, 93, .	2.9	14

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109	mesons in collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, .	2.9	14
110	Photon production from gluon-mediated quark-anti-quark annihilation at confinement. Physical Review C, 2015, 92, .	2.9	13
111	ρ -meson production in Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, .	2.9	13
112	Cross section and longitudinal single-spin asymmetry for forward production of ρ mesons in Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2015, 92, .	4.7	13
113	Low-momentum direct-photon measurement in Cu + Cu collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2018, 98, .	2.9	12
114	Measurement of two-particle correlations with respect to second- and third-order event planes in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2019, 99, .	2.9	12
115	Low-mass vector-meson production at forward rapidity in Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2017, 96, .	4.1	11
116	Measurements of e^+e^- pairs from open heavy flavor in p+p and d+A collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2017, 96, .	4.7	11
117	Measurements of e^+e^- pairs from open heavy flavor in p+p and d+A collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2017, 96, .	2.9	11
118	Nuclear Dependence of the Transverse Single-Spin Asymmetry in the Production of Charged Hadrons at Forward Rapidity in Polarized p+p, p+Al, and p+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2019, 123, 122001.	7.8	11
119	Suppression of away-side jet fragments with respect to the reaction plane in Au + Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2011, 84, .	2.9	10
120	Charged-pion cross sections and double-helicity asymmetries in polarized Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2011, 84, .	4.7	10
121	Azimuthal correlations of electrons from heavy-flavor decay with hadrons in Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2011, 84, .	7.8	9
122	Double-spin asymmetry of electrons from heavy-flavor decays in p+p collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2013, 87, .	2.9	9
123	Double-spin asymmetry of electrons from heavy-flavor decays in p+p collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review D, 2013, 87, .	4.7	8
124	Measurement of J/ψ at forward and backward rapidity in p+p, p+Al, p+Au, and He3+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2020, 102, .	2.9	8
125	Kinematic dependence of azimuthal anisotropies in p+Au, d+Au, and He3+Au at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2022, 105, .	2.9	8
126	Systematic study of nuclear effects in Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2022, 105, .	2.9	8

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127	Cross sections and double-helicity asymmetries of midrapidity inclusive charged hadrons in p+pcollisions at $\sqrt{s}=6.24$ GeV. Physical Review D, 2012, 86, .	4.7	7
128	Forward J/ψ production in U + U collisions at $\sqrt{s_{NN}}=193$ GeV. Physical Review C, 2016, 93, .	2.9	7
129	Photon and dilepton observables: An experimental overview. Nuclear Physics A, 2017, 967, 177-183.	1.5	7
130	Double-helicity dependence of jet properties from dihadrons in longitudinally polarized p+pcollisions at $\sqrt{s}=200$ GeV. Physical Review D, 2010, 81, .	4.7	6
131	B -meson production at forward and backward rapidity in p+p and Cu + Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2017, 96, .	2.9	6
132	Measurement of emission-angle anisotropy via long-range angular correlations with high- p_T hadrons in p+pcollisions at backward and forward rapidity in p+pcollisions at $\sqrt{s}=200$ GeV. Physical Review C, 2017, 96, .	2.9	6
133	Measurement of emission-angle anisotropy via long-range angular correlations with high- p_T hadrons in p+pcollisions at backward and forward rapidity in p+pcollisions at $\sqrt{s}=200$ GeV. Physical Review C, 2017, 96, .	2.9	6
134	Measurement of emission-angle anisotropy via long-range angular correlations with high- p_T hadrons in p+pcollisions at backward and forward rapidity in p+pcollisions at $\sqrt{s}=200$ GeV. Physical Review C, 2017, 96, .	4.7	5
135	Production of η and η' mesons in U+U collisions at $\sqrt{s_{NN}}=192$ GeV. Physical Review C, 2020, 102, .	2.9	5
136	The PHENIX Collaboration. Nuclear Physics A, 2009, 830, 963c-966c.	1.5	4
137	Publisher's Note: J/ψ Production versus Centrality, Transverse Momentum, and Rapidity in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV [Phys. Rev. Lett. 98, 232301 (2007)]. Physical Review Letters, 2007, 98, 7.8	7.8	3
138	Angular decay coefficients of J/ψ mesons at forward rapidity from p+p collisions at $\sqrt{s}=510$ GeV. Physical Review D, 2017, 95, .	4.7	3
139	Measurement of charm and bottom production from semileptonic hadron decays in p+p collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2019, 99, .	4.7	2
140	Measurement of charm and bottom production from semileptonic hadron decays in p+p collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2019, 99, .	4.7	2
141	Measurement of jet-medium interactions via direct photon-hadron correlations in p+pcollisions at $\sqrt{s}=200$ GeV. Physical Review C, 2017, 96, .	2.9	2
142	Polarization and cross section of midrapidity J/ψ production in p+p collisions at $\sqrt{s}=510$ GeV. Physical Review D, 2020, 102, .	4.7	2
143	Dielectron continuum measurements in p+pcollisions and Cu+Cu collisions at PHENIX. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S1055-S1058.	3.6	1
144	Prompt photon measurements with PHENIX's MPC-EX detector. Journal of Physics: Conference Series, 2013, 458, 012028.	0.4	1

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145	PHENIX Collaboration. Nuclear Physics A, 2006, 774, 949-953.	1.5	0
146	Dilepton continuum at PHENIX. Journal of Physics: Conference Series, 2010, 230, 012034.	0.4	0
147	Light vector mesons and the dielectron continuum in PHENIX. EPJ Web of Conferences, 2012, 36, 00006.	0.3	0
148	Thermal and direct photons in PHENIX. Journal of Physics: Conference Series, 2013, 422, 012020.	0.4	0
149	Spectra of identified particles, geometry categorization and bias and global observables in $d+Au$ collisions. Nuclear Physics A, 2014, 931, 893-898.	1.5	0
150	PHENIX Collaboration. Nuclear Physics A, 2014, 932, 627-633.	1.5	0
151	Neutral pion production in $\sqrt{s_{NN}}=200$ GeV Cu+Au collisions at PHENIX. Journal of Physics: Conference Series, 2015, 612, 012004.	0.4	0
152	Production of Λ^{\pm} at forward rapidity in $p+Au$ collisions at $\sqrt{s_{NN}}=200$ GeV. Nuclear Physics A, 2015, 940, 103-110.	4.7	0