

# Bogdan Pawlik

## List of Publications by Year in descending order

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284  
papers

12,241  
citations

23500  
58  
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289  
all docs

289  
docs citations

289  
times ranked

8408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global $\Lambda$ hyperon polarization in nuclear collisions. Nature, 2017, 548, 62-65.	13.7	585
2	Combined measurement and QCD analysis of the inclusive $e^+p$ scattering cross sections at HERA. Journal of High Energy Physics, 2010, 2010, 1.	1.6	458
3	Energy Dependence of Moments of Net-Proton Multiplicity Distributions at RHIC. Physical Review Letters, 2014, 112, 032302.	2.9	365
4	Bulk properties of the medium produced in relativistic heavy-ion collisions from the beam energy scan program. Physical Review C, 2017, 96, .	1.1	357
5	Beam Energy Dependence of Moments of the Net-Charge Multiplicity Distributions in $\sqrt{s_{NN}}$ Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 092301.	2.9	245
6	Global polarization of $\Lambda$ hyperons in Au + Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2018, 98, .	1.1	205
7	Beam-Energy Dependence of the Directed Flow of Protons, Antiprotons, and Pions in Au+Au Collisions. Physical Review Letters, 2014, 112, 162301.	2.9	186
8	Observation of $\Lambda$ nuclear modifications in $\sqrt{s_{NN}} = 2.76$ GeV Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 142301.	2.9	179
9	Proton and deuteron structure functions in muon scattering at 470 GeV. Physical Review D, 1996, 54, 3006-3056.	1.6	178
10	Beam-Energy Dependence of Charge Separation along the Magnetic Field in $\sqrt{s_{NN}} = 2.76$ GeV Au+Au collisions at RHIC. Physical Review Letters, 2014, 113, 052302.	2.9	147
11	Measurements of the nucleon structure function in the range $0.002 < x < 0.17$ and $0.02 < Q^2 < 8 \text{ GeV}^2$ in deuterium, carbon and calcium. Nuclear Physics B, 1990, 333, 1-47.	0.9	138
12	Combination and QCD analysis of charm production cross section measurements in deep-inelastic ep scattering at HERA. European Physical Journal C, 2013, 73, 1.	1.4	134
13	Inclusive charged hadron elliptic flow in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2012, 86, .	1.1	127
14	Multiparticle production on hydrogen, argon, and xenon targets in a streamer chamber by 200-GeV/c proton and antiproton beams. Physical Review D, 1982, 26, 1019-1035.	1.6	126
15	Shadowing in deep inelastic muon scattering from nuclear targets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 211, 493-499.	1.5	124
16	Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ GeV. Physical Review C, 2013, 88, .	1.1	124
17	Saturation of shadowing at very low Bjorken x. Physical Review Letters, 1992, 68, 3266-3269.	2.9	116
18	Higgs physics at the CLIC electron-positron linear collider. European Physical Journal C, 2017, 77, 475.	1.4	112

#	ARTICLE	IF	CITATIONS
19	The production cross section and angular correlations in collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 264-272.	1.5	110
20	Shadowing in inelastic scattering of muons on carbon, calcium and lead at lowx Bj. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 403-410.	1.5	108
21	Direct measurement of the top quark mass by the D $\bar{A}$ Collaboration. Physical Review D, 1998, 58, .	1.6	107
22	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.	1.5	107
23	Third-harmonic flow of charged particles in Au collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2005, 94, 082301.	1.1	106
24	Measurements of the production cross section and angular correlations in collisions at $\sqrt{s_{NN}} = 200$ GeV. Physical Review Letters, 2005, 94, 082301.	1.6	97
25	Azimuthal Anisotropy at Midrapidity in $\sqrt{s_{NN}} = 200$ GeV Au collisions at RHIC. Physical Review Letters, 2005, 94, 082301.	2.9	93
26	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.	2.9	93
27	Fluctuations of charge separation perpendicular to the event plane and local parity violation in $\sqrt{s_{NN}} = 200$ GeV Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	2.9	89
28	Observation of an Energy-Dependent Difference in Elliptic Flow between Particles and Antiparticles in Relativistic Heavy Ion Collisions. Physical Review Letters, 2013, 110, 142301.	2.9	89
29	Suppression of $\pi^0$ production in $\sqrt{s_{NN}} = 200$ GeV Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	1.5	87
30	Azimuthal Anisotropy in $\sqrt{s_{NN}} = 200$ GeV Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	2.9	85
31	Search for Charged Higgs Bosons in Decays of Top Quark Pairs. Physical Review Letters, 1999, 82, 4975-4980.	2.9	82
32	$\pi^0$ production at high transverse momenta in $\sqrt{s_{NN}} = 200$ GeV Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	1.5	80
33	Correlation Function in $\sqrt{s_{NN}} = 200$ GeV Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2013, 88, .	2.9	80
34	Inclusive Jet Production in $\sqrt{s_{NN}} = 200$ GeV Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review Letters, 2001, 86, 1707-1712.	2.9	77
35	Measurement of hadron azimuthal distributions in deep inelastic muon proton scattering. Zeitschrift für Physik C-Particles and Fields, 1987, 34, 277-282.	1.5	76
36	Isolated Photon Cross Section in $\sqrt{s_{NN}} = 1.8$ TeV. Physical Review Letters, 2000, 84, 2786-2791.	2.9	75

#	ARTICLE	IF	CITATIONS
37	Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2014, 112, 022301.	11.1	73
38	Measurement of the Transverse Single-Spin Asymmetry in $p$ - $p$ collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2014, 112, 022302.	2.9	73
39	Measurement of Nuclear Transparencies from Exclusive $\rho^0$ Meson Production in Muon-Nucleus Scattering at 470 GeV. Physical Review Letters, 1995, 74, 1525-1529.	2.9	72
40	Measurement of interaction between antiprotons. Nature, 2015, 527, 345-348.	13.7	71
41	Search for Large Extra Dimensions in Dielectron and Diphoton Production. Physical Review Letters, 2001, 86, 1156-1161.	2.9	70
42	Exclusive photoproduction of $\eta'$ mesons at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 4-12.	1.5	70
43	Transverse single-spin asymmetry and cross section for $\eta'$ mesons at large Feynman $x_F$ . Physical Review Letters, 2015, 115, 092002.	1.6	70
44	Precision Measurement of the Longitudinal Double-Spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2015, 115, 092002.	2.9	70
45	Measurements of the $u$ valence quark distribution function in the proton and $u$ quark fragmentation functions. Nuclear Physics B, 1989, 321, 541-560.	0.9	69
46	Cross Section for $b$ -Jet Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 5068-5073.	2.9	68
47	Long-range pseudorapidity dihadron correlations in $d$ -Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 265-271.	1.6	68
48	Extraction of the width of the $W$ boson from measurements of $\Gamma(W \rightarrow e\bar{\nu}_e)$ and $\Gamma(W \rightarrow \mu\bar{\nu}_\mu)$ and their ratio. Physical Review D, 2000, 61, .	1.6	67
49	High- $p_T$ jets in $p\bar{p}$ collisions at $\sqrt{s} = 630$ and 1800 GeV. Physical Review D, 2001, 64, .	1.6	67
50	Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized $p$ - $p$ collisions at $\sqrt{s} = 200$ GeV. Physical Review Letters, 2015, 115, 092002.	1.6	66
51	Measurement of the $W$ boson polarization in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 5068-5073.	2.9	66
52	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, .	1.1	65
53	Pair Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1999, 82, 2451-2456.	2.9	62

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55	Measurement of the longitudinal proton structure function at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 8-22.	1.5	62
56	A QCD analysis of ZEUS diffractive data. Nuclear Physics B, 2010, 831, 1-25.	0.9	62
57	Measurement of Longitudinal Spin Asymmetries for Weak Boson Production in Polarized Proton-Proton Collisions at RHIC. Physical Review Letters, 2014, 113, 072301.	2.9	62
58	Dijet Mass Spectrum and a Search for Quark Compositeness in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1999, 82, 2457-2462.	2.9	61
59	Search for single top quark production at $D\bar{A}$ using neural networks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 282-294.	1.5	59
60	Multiplicity distributions in rapidity intervals for $p$ - $p$ and $p$ -nucleus interactions at 200 GeV. Zeitschrift für Physik C-Particles and Fields, 1986, 33, 187-196.	1.5	58
61	Centrality and Transverse Momentum Dependence of Elliptic Flow of Multistrange Hadrons and $\langle \mathbf{p}_T \rangle$ in $\sqrt{s_{NN}} = 2.76\text{TeV}$ Au+Au collisions. Physical Review Letters, 2015, 115, 022301.	2.9	58
62	Measurement of the High-Mass Drell-Yan Cross Section and Limits on Quark-Electron Compositeness Scales. Physical Review Letters, 1999, 82, 4769-4774.	2.9	57
63	Deep inelastic scattering with leading protons or large rapidity gaps at HERA. Nuclear Physics B, 2009, 816, 1-61.	0.9	57
64	Probing hard color-singlet exchange in collisions at $\sqrt{s} = 630\text{ GeV}$ and $1800\text{ GeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 189-202.	1.5	56
65	Diffractive production of $\phi(770)$ mesons in muon-proton interactions at 470 GeV. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 237-261.	1.5	55
66	Search for Squarks and Gluinos in Events Containing Jets and a Large Imbalance in Transverse Energy. Physical Review Letters, 1999, 83, 4937-4942.	2.9	55
67	Measurements of dielectron production in Au + Au collisions at $\sqrt{s_{NN}} = 2.76\text{TeV}$ from the STAR experiment. Physical Review C, 2015, 92, .	2.9	55
68	Centrality dependence of identified particle elliptic flow in relativistic heavy ion collisions at $\sqrt{s_{NN}} = 2.76\text{TeV}$ . Physical Review C, 2016, 93, .	1.1	55
69	Measurement of the $W$ boson mass. Physical Review D, 1998, 58, .	1.6	54
70	Measurement of the $W$ boson mass at low $p_T$ in $\sqrt{s_{NN}} = 2.76\text{TeV}$ Au+Au collisions. Physical Review Letters, 2015, 115, 022301.	1.1	54
71	Determination of the absolute jet energy scale in the $D\bar{A}$ calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 424, 352-394.	0.7	53
72	$\Lambda$ and $\Lambda^0$ polarization from deep inelastic muon scattering. European Physical Journal C, 2000, 17, 263-267.	1.4	53



#	ARTICLE	IF	CITATIONS
73	Measurement of the inclusive differential cross section for Z bosons as a function of transverse momentum in $\sqrt{s}=1.8\text{TeV}$ Pb-Pb collisions. Physical Review D, 2000, 61, .	1.6	53
74	Dielectron Mass Spectra from Au+Au collisions at $\sqrt{s}=2.76\text{TeV}$ . Physical Review Letters, 2014, 113, 022301.	2.9	52
75	Measurement of elliptic flow of light nuclei at $\sqrt{s}=6.24, 3.9, 2.7, 1.96, 1.15, \text{ and } 0.77\text{ GeV}$ at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2016, 94, .	1.1	52
76	Measurement of the $\Lambda$ lifetime in Au+Au collisions at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2018, 97, .	1.5	51
77	Comparison of multiplicity distributions to the negative binomial distribution in muon-proton scattering. Zeitschrift für Physik C-Particles and Fields, 1987, 35, 335-345.	0.9	50
78	Multiplicities of charged hadrons in 280 GeV/c muon-proton scattering. Nuclear Physics B, 1985, 258, 249-266.	2.9	48
79	Ratio of Isolated Photon Cross Sections in $pp\sqrt{s}=630\text{ and }1800\text{ GeV}$ . Physical Review Letters, 2001, 87, 251805.	2.9	48
80	Jet-Hadron Correlations in $pp\sqrt{s}=630\text{ and }1800\text{ GeV}$ . Physical Review Letters, 2014, 112, 122301.	1.4	47
81	Measurement of $D^{\pm}$ and $D^0$ production in deep inelastic scattering using a lifetime tag at HERA. European Physical Journal C, 2009, 63, 171-188.	2.9	47
82	Beam Energy Dependence of the Third Harmonic of Azimuthal Correlations in Au+Au collisions at RHIC. Physical Review Letters, 2016, 116, 112302.	2.9	46
83	Search for Heavy Pointlike Dirac Monopoles. Physical Review Letters, 1998, 81, 524-529.	2.9	46
84	Search for First Generation Scalar Leptoquark Pairs in $pp\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1998, 80, 2051-2056.	1.4	46
85	Measurement of charm and beauty production in deep inelastic ep scattering from decays into muons at HERA. European Physical Journal C, 2010, 65, 65-79.	1.6	45
86	Perturbative QCD effects observed in 490 GeV deep-inelastic muon scattering. Physical Review D, 1993, 48, 5057-5066.	2.9	45
87	Extraction of the Ratio $F_2^n/F_2^p$ from Muon-Deuteron and Muon-Proton Scattering at Small $x$ and $Q^2$ . Physical Review Letters, 1995, 75, 1466-1470.	1.5	45
88	Measurement of isolated photon production in deep inelastic ep scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 16-25.	1.5	44
89	Studies of quark and diquark fragmentation into identified hadrons in deep inelastic muon-proton scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 150, 458-463.	2.9	44
90	Small Angle $\pi^0$ Production in $pp\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1999, 82, 35-40.		

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91	Measurements of jet quenching with semi-inclusive hadron+jet distributions in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions at the LHC. Physical Review C, 2017, 96, .	1.1	44
92	Search for new physics in $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions using SLEUTH: A quasi-model-independent search strategy for new physics. Physical Review D, 2000, 62, .	1.6	43
93	Probing parton dynamics of QCD matter with $\sqrt{s_{NN}} = 2.76$ TeV Au+Au collisions using SLEUTH: A quasi-model-independent search strategy for new physics. Physical Review D, 2000, 62, .	1.1	43
94	Single spin asymmetry in polarized proton-proton elastic scattering at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 62-69.	1.5	41
95	Differential Production Cross Section of Z Bosons as a Function of Transverse Momentum at $\sqrt{s_{NN}} = 1.8$ TeV. Physical Review Letters, 2000, 84, 2792-2797.	2.9	40
96	Direct Search for Charged Higgs Bosons in Decays of Top Quarks. Physical Review Letters, 2002, 88, 151803.	2.9	40
97	Improved W boson mass measurement with the ATLAS detector. Physical Review D, 2002, 66, .	1.6	40
98	Small-Angle Muon and Bottom-Quark Production in $\sqrt{s_{NN}} = 1.8$ TeV. Physical Review Letters, 2000, 84, 5478-5483.	2.9	39
99	Quasi-Model-Independent Search for New High- $p_T$ Physics at D0. Physical Review Letters, 2001, 86, 3712-3717.	2.9	39
100	Inclusive-jet photoproduction at HERA and determination of $\alpha_s$ . Nuclear Physics B, 2012, 864, 1-37.	0.9	39
101	Spin Correlation in $\sqrt{s_{NN}} = 1.8$ TeV. Physical Review Letters, 2000, 85, 256-261.	2.9	38
102	Measurement of the Azimuthal Anisotropy in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2000, 84, 5478-5483.	2.9	38
103	Search for electroweak production of single top quarks in $\sqrt{s_{NN}} = 1.8$ TeV collisions. Physical Review D, 2000, 63, .	1.6	37
104	Direct virtual photon production in Au+Au collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 451-458.	1.5	37
105	A measurement of the $\langle Q^2 \rangle$ , $\langle W \rangle$ and $\langle t \rangle$ dependences of deeply virtual Compton scattering at HERA. Journal of High Energy Physics, 2009, 2009, 108-108.	1.6	36
106	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.	1.5	36
107	A study of high transverse energy interactions of 150 and 300 GeV pions and protons on a hydrogen target using a large acceptance calorimeter. Nuclear Physics B, 1983, 211, 375-413.	0.9	35
108	Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review D, 2014, 89, .	1.6	35

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109	Dependence of multiplicity and rapidity distributions on the number of projectile collisions in 200-GeV/c proton-nucleus interactions. Physical Review D, 1984, 29, 2476-2482.	1.6	34
110	Transverse momentum and its compensation in current and target jets in deep inelastic muon-proton scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 149, 415-420.	1.5	34
111	Quasi-model-independent search for new physics at large transverse momentum. Physical Review D, 2001, 64, .	1.6	34
112	The inclusive jet cross section in pp collisions at $\sqrt{s}=1.8\text{ TeV}$ using the $k_T$ algorithm. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 211-218.	1.5	34
113	Directed Flow of Identified Particles in $\sqrt{s_{NN}}=2.76\text{ TeV}$ Au+Au Collisions at RHIC. Physical Review Letters, 2012, 108, 202301.	2.9	34
114	Measurement of the Top Quark Pair Production Cross Section in the All-Jets Decay Channel. Physical Review Letters, 1999, 83, 1908-1913.	2.9	33
115	$t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.8\text{ TeV}$ . Physical Review D, 2003, 67, .	1.6	33
116	Combined inclusive diffractive cross sections measured with forward proton spectrometers in deep inelastic ep scattering at HERA. European Physical Journal C, 2012, 72, 1.	1.4	33
117	Harmonic decomposition of three-particle azimuthal correlations at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2018, 98, .	1.1	33
118	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 $62.4\text{ GeV}$ . Physical Review Letters, 2018, 121, 032301.	2.9	33
119	The Bose-Einstein correlations in deep inelastic $\gamma p$ interactions at 280 GeV. Zeitschrift für Physik C-Particles and Fields, 1986, 32, 1-9.	1.5	32
120	Measurement of the Shape of the Transverse Momentum Distribution of W Bosons Produced in pp Collisions at $\sqrt{s}=1.8\text{ TeV}$ . Physical Review Letters, 1998, 80, 5498-5503.	2.9	32
121	A Measurement of the W Boson Mass at the Fermilab pp Collider. Physical Review Letters, 1998, 80, 3008-3013.	2.9	32
122	Measurement of the W Boson Mass Using Electrons at Large Rapidities. Physical Review Letters, 2000, 84, 222-227.	2.9	32
123	Measurement of the W boson mass using large rapidity electrons. Physical Review D, 2000, 62, .	1.6	32
124	Probing Balitsky-Fadin-Kuraev-Lipatov Dynamics in the Dijet Cross Section at Large Rapidity Intervals in pp Collisions at $\sqrt{s}=1800$ and $630\text{ GeV}$ . Physical Review Letters, 2000, 84, 5722-5727.	2.9	32
125	Search for single-top production in ep collisions at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 27-36.	1.5	32
126	Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in $\sqrt{s_{NN}}=2.76\text{ TeV}$ Au+Au collisions at RHIC. Physical Review Letters, 2012, 108, 202301.	1.5	32



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127	Coherent diffractive photoproduction of $\rho^0$ mesons on gold nuclei at 200 GeV/nucleon-pair at the Relativistic Heavy Ion Collider. Physical Review C, 2017, 96, .	1.1	32
128	$Z^0$ production in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$ and limits on anomalous $ZZ^0$ and $Z^0Z^0$ couplings. Physical Review D, 1998, 57, R3817-R3821.	1.6	31
129	Forward instrumentation for ILC detectors. Journal of Instrumentation, 2010, 5, P12002-P12002.	0.5	31
130	The STAR beam energy scan phase II physics and upgrades. Nuclear Physics A, 2017, 967, 800-803.	0.6	31
131	Measurement of the top quark pair production cross section in $p\bar{p}$ collisions using multijet final states. Physical Review D, 1999, 60, .	1.6	30
132	Search for Second-Generation Leptoquark Pairs in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 2000, 84, 2088-2093.	2.9	30
133	Measurement of high- $Q^2$ neutral current deep inelastic $e^+p$ scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 62, 625-658.	1.4	30
134	Energy dependence of $J/\psi$ production in Au + Au collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 13-20.	1.5	30
135	Search for Heavy Particles Decaying into Electron-Positron Pairs in $p\bar{p}$ Collisions. Physical Review Letters, 2001, 87, 061802.	2.9	29
136	Measurement of high- $Q^2$ charged current deep inelastic scattering cross sections with a longitudinally polarised positron beam at HERA. European Physical Journal C, 2010, 70, 945-963.	1.4	29
137	A spectrometer for muon scattering at the Tevatron. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 291, 533-551.	0.7	28
138	Shadowing in the muon-xenon inelastic scattering cross section at 490 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 287, 375-380.	1.5	28
139	Search for Nonstandard Higgs Bosons Using High Mass Photon Pairs in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$ . Physical Review Letters, 1999, 82, 2244-2249.	2.9	28
140	Differential cross section for $W$ boson production as a function of transverse momentum in collisions at TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 513, 292-300.	1.5	28
141	Measurement of charged current deep inelastic scattering cross sections with a longitudinally polarised electron beam at HERA. European Physical Journal C, 2009, 61, 223-235.	1.4	28
142	First measurement of proton-proton elastic scattering at RHIC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 579, 245-250.	1.5	27
143	Inclusive dijet cross sections in neutral current deep inelastic scattering at HERA. European Physical Journal C, 2010, 70, 965-982.	1.4	27
144	Azimuthal transverse single-spin asymmetries of inclusive jets and charged pions within jets from polarized-proton collisions at $\sqrt{s}=200\text{GeV}$ . Physical Review D, 2018, 97, .	1.6	27



#	ARTICLE	IF	CITATIONS
163	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, .	1.6	22
164	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.	1.5	22
165	Investigation of the $W$ and $Q^2$ dependence of charged pion distributions in $\frac{1}{4} p$ scattering. Zeitschrift für Physik C-Particles and Fields, 1986, 31, 1-12.	1.5	21
166	Nuclear shadowing, diffractive scattering and low momentum protons in $\frac{1}{4}\text{Xe}$ interactions at 490 GeV. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 225-244.	1.5	21
167	Limits on anomalous $WW\tilde{I}^3$ and $WWZ$ couplings from $WW/WZ\tilde{I}^2$ production. Physical Review D, 2000, 62, .	1.6	21
168	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, .	1.1	21
169	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \tilde{I}^2 \langle \text{mml:math} \rangle$ production in U + U collisions at $\sqrt{s}=200$ GeV measured with the STAR experiment. Physical Review C, 2016, 94, .	1.1	21
170	Hard single diffraction in $p\tilde{I}, p$ collisions at $\sqrt{s}=630$ and $1800$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 52-60.	1.5	20
171	Dijet imbalance measurements in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ display="inline" $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Au} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{Au} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ display="inline" $\langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ collisions at $\sqrt{s}=200$ GeV. Physical Review D, 2017, 95, .	2.9	20
172	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ display="inline" $\langle \text{mml:msqrt} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:math} \rangle$ ? 0 and ? $p$ production in deep inelastic ?-p interactions at 280 GeV/c. Zeitschrift für Physik C-Particles and Fields, 1986, 33, 167-173.	1.5	19
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