

# Daniel Boer

## List of Publications by Year in descending order

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87  
papers

4,289  
citations

117625

34  
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106344

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87  
all docs

87  
docs citations

87  
times ranked

2811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scale evolution of T-odd gluon TMDs at small $x$ . Physical Review D, 2022, 105, .	4.7	8
2	Extracting color octet NRQCD matrix elements from $J/\psi$ production at the EIC. Physical Review D, 2021, 103, .	4.7	10
3	GTMD model predictions for diffractive dijet production at EIC. Physical Review D, 2021, 104, .	4.7	10
4	Studies of gluon TMDs and their evolution using quarkonium-pair production at the LHC. European Physical Journal C, 2020, 80, 1.	3.9	30
5	Gluon TMDs and NRQCD matrix elements in $\psi(2S)$ production at an EIC. European Physical Journal C, 2020, 80, 1.	3.9	31
6	$J/\psi$ meson production in SIDIS: matching high and low transverse momentum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
7	Analysis of fine-tuning measures in models with extended Higgs sectors. Nuclear Physics B, 2019, 946, 114695.	2.5	2
8	On the rotational invariance and non-invariance of lepton angular distributions in Drell-Yan and quarkonium production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 356-359.	4.1	9
9	Directed flow from C-odd gluon correlations at small $x$ . Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
10	Semi-inclusive production of two back-to-back hadron pairs in $e^+e^- \rightarrow e^+e^- + \text{hadrons}$ annihilation revisited. Physical Review D, 2018, 97, .	4.7	15
11	Non-Abelian nature of systems with multiple exceptional points. Physical Review A, 2018, 98, .	2.5	15
12	Gluon TMDs in Quarkonium Production. Few-Body Systems, 2017, 58, 1.	1.5	28
13	Suppression of maximal linear gluon polarization in angular asymmetries. Journal of High Energy Physics, 2017, 2017, 1.	4.7	26
14	Colour unwound - disentangling colours for azimuthal asymmetries in Drell-Yan scattering. SciPost Physics, 2017, 3, .	4.9	4
15	Asymmetries in heavy quark pair and dijet production at an EIC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	57
16	Gluon and Wilson loop TMDs for hadrons of spin $\frac{1}{2}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	56
17	Overview of TMD Evolution. International Journal of Modern Physics Conference Series, 2016, 40, 1660014.	0.7	1
18	Single Spin Asymmetries from a Single Wilson Loop. Physical Review Letters, 2016, 116, 122001.	7.8	45

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19	Gluon TMD studies at EIC. EPJ Web of Conferences, 2016, 112, 02003.	0.3	4
20	Impact of gluon polarization on Higgs boson plus jet production at the LHC. Physical Review D, 2015, 91, .	4.7	23
21	Operator analysis of $p_T$ -widths of TMDs. Journal of High Energy Physics, 2015, 2015, 1.	4.7	7
22	The Gluon Sivers Distribution: Status and Future Prospects. Advances in High Energy Physics, 2015, 2015, 1-10.	1.1	46
23	Average Transverse Momentum Quantities Approaching the Lightfront. Few-Body Systems, 2015, 56, 439-445.	1.5	4
24	Viability of minimal left-right models with discrete symmetries. Nuclear Physics B, 2014, 889, 727-756.	2.5	27
25	TMD evolution and the Higgs transverse momentum distribution. Nuclear Physics B, 2014, 886, 421-435.	2.5	37
26	ASPECTS OF TMD EVOLUTION OF AZIMUTHAL ASYMMETRIES. International Journal of Modern Physics Conference Series, 2014, 25, 1460004.	0.7	2
27	Determining the Higgs Spin and Parity in the Diphoton Decay Channel. Physical Review Letters, 2013, 111, 032002.	7.8	38
28	Linear polarization of gluons and photons in unpolarized collider experiments. Journal of High Energy Physics, 2013, 2013, 1.	4.7	76
29	TMD evolution of the Sivers asymmetry. Nuclear Physics B, 2013, 874, 217-229.	2.5	24
30	Linearly Polarized Gluons and the Higgs Transverse Momentum Distribution. Physical Review Letters, 2012, 108, 032002.	7.8	84
31	Polarized gluon studies with charmonium and bottomonium at LHCb and AFTER. Physical Review D, 2012, 86, .	4.7	67
32	On a possible node in the Sivers and Qiu-Sterman functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 242-245.	4.1	17
33	Transverse-momentum-dependent parton distribution/fragmentation functions at an electron-ion collider. European Physical Journal A, 2011, 47, 1.	2.5	31
34	Bessel-weighted asymmetries in semi-inclusive deep inelastic scattering. Journal of High Energy Physics, 2011, 2011, 1.	4.7	55
35	Double Sivers effect asymmetries and their impact on transversity measurements at RHIC. Physical Review D, 2011, 83, .	4.7	2
36	Direct Probes of Linearly Polarized Gluons inside Unpolarized Hadrons. Physical Review Letters, 2011, 106, 132001.	7.8	99

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37	Test of the Universality of Naive-Time-Reversal-Odd Fragmentation Functions. Physical Review Letters, 2010, 105, 202001.	7.8	27
38	Bounding $W^+W^-$ Mixing with Spin Asymmetries at RHIC. Physical Review Letters, 2010, 105, 071801.	7.8	5
39	Influence of strong magnetic fields and instantons on the phase structure of the two-flavor Nambu–Jona-Lasinio model. Physical Review D, 2010, 81, .	4.7	86
40	Spontaneous CP violation in the NJL model at $\hat{\Gamma}_1 = \hat{\Gamma}_2$ . Nuclear Physics A, 2009, 820, 251c-254c.	1.5	1
41	Geometric Scaling at RHIC and LHC. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 90-93.	0.4	2
42	The saturation scale and its x-dependence from $\hat{\Gamma}_1$ polarization studies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 91-98.	4.1	14
43	High temperature $C_P$ restoring phase transition at $\hat{\Gamma}_1$ . Physical Review D, 2009, 80, .	4.7	39
44	Dijet imbalance in hadronic collisions. Physical Review D, 2009, 80, .	4.7	41
45	Angular dependences in inclusive two-hadron production at BELLE. Nuclear Physics B, 2009, 806, 23-67.	2.5	77
46	Spin asymmetries in jet-hyperon production at LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 127-136.	4.1	14
47	T-odd effects in photon-jet production at the Tevatron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 360-368.	4.1	15
48	Heavy-ion collisions at the LHC – Last call for predictions. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 054001.	3.6	255
49	Spontaneous $C_P$ violation in the strong interaction at $\hat{\Gamma}_1$ . Physical Review D, 2008, 78, .	4.7	35
50	Note: Spontaneous $C_P$ violation in the strong interaction at $\hat{\Gamma}_1$ [Phys. Rev. D, 78, 054027 (2008)]. Physical Review D, 2008, 78, .	4.7	0
51	Geometric scaling at BNL RHIC and CERN LHC. Physical Review D, 2008, 77, .	4.7	55
52	Matches and mismatches in the descriptions of semi-inclusive processes at low and high transverse momentum. Journal of High Energy Physics, 2008, 2008, 023-023.	4.7	167
53	Compatibility of phenomenological dipole cross sections with the Balitsky-Kovchegov equation. Physical Review D, 2007, 75, .	4.7	7
54	Gluon saturation effects on single spin asymmetries. AIP Conference Proceedings, 2007, .	0.4	0

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55	Drell-Yan lepton angular distribution at small transverse momentum. Physical Review D, 2006, 74, .	4.7	56
56	Effects of quantum instantons on the thermodynamics of the CPN <sup>2</sup> 1 model. Physical Review D, 2006, 74, .	4.7	2
57	Single transverse-spin asymmetries in forward pion production at high energy: Incorporating small-x-effects in the target. Physical Review D, 2006, 74, .	4.7	30
58	ANOMALOUS DRELL-YAN ASYMMETRY FROM HADRONIC OR QCD VACUUM EFFECTS. , 2006, , .		0
59	Factorisation, parton entanglement and the Drell-Yan process. European Physical Journal C, 2005, 40, 55-61.	3.9	28
60	Color superconductivity versus pseudoscalar condensation in a three-flavor Nambu-Jona-Lasinio model. Physical Review D, 2005, 72, .	4.7	47
61	Thermodynamics of O(N) sigma models: 1/N corrections. Physical Review D, 2004, 70, .	4.7	23
62	Thermodynamics of the O(N) nonlinear sigma model in 1+1 dimensions. Physical Review D, 2004, 69, .	4.7	12
63	Asymmetric jet correlations in pp scattering. Physical Review D, 2004, 69, .	4.7	85
64	THEORETICAL ASPECTS OF SPIN PHYSICS. , 2004, , .		1
65	Polarized hyperons from pA scattering in the gluon saturation regime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 556, 33-40.	4.1	22
66	Universality of T-odd effects in single spin and azimuthal asymmetries. Nuclear Physics B, 2003, 667, 201-241.	2.5	437
67	Interference fragmentation functions in electron-positron annihilation. Physical Review D, 2003, 67, .	4.7	43
68	Initial-state interactions in the unpolarized Drell-Yan process. Physical Review D, 2003, 67, .	4.7	132
69	TRANSVERSE $\hat{p}_T$ POLARIZATION IN INCLUSIVE PROCESSES. International Journal of Modern Physics A, 2003, 18, 1237-1245.	1.5	3
70	Handedness Inside the Proton. AIP Conference Proceedings, 2003, , .	0.4	1
71	Single transverse-spin asymmetry in the Drell-Yan lepton angular distribution. Physical Review D, 2002, 65, .	4.7	22
72	Transverse $\hat{p}_T$ polarization in semi-inclusive deep inelastic scattering. Physical Review D, 2002, 65, .	4.7	33

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73	Evolution of transverse momentum dependent distribution and fragmentation functions. Nuclear Physics B, 2002, 620, 331-350.	2.5	33
74	Theoretical aspects of transversity observables. Nuclear Physics, Section B, Proceedings Supplements, 2002, 105, 76-79.	0.4	2
75	Sudakov suppression in azimuthal spin asymmetries. Nuclear Physics B, 2001, 603, 195-217.	2.5	65
76	Lambda polarization in unpolarized hadron reactions. European Physical Journal D, 2001, 51, A107-A113.	0.4	2
77	$\hat{\Lambda}$ polarization from unpolarized quark fragmentation. Physical Review D, 2001, 63, .	4.7	71
78	Double transverse spin asymmetries in vector boson production. Physical Review D, 2000, 62, .	4.7	15
79	Angular dependences in electroweak semi-inclusive lepton production. Nuclear Physics B, 2000, 564, 471-485.	2.5	45
80	Color gauge invariance in the Drell-Yan process. Nuclear Physics B, 2000, 569, 505-526.	2.5	53
81	Investigating the origins of transverse spin asymmetries at BNL RHIC. Physical Review D, 1999, 60, .	4.7	213
82	Intrinsic transverse momentum and transverse spin asymmetries. Nuclear Physics, Section B, Proceedings Supplements, 1999, 79, 638-640.	0.4	2
83	Leading asymmetries in two-hadron production in $e^+e^-$ annihilation at the Z pole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 424, 143-151.	4.1	60
84	Time-reversal odd distribution functions in lepton production. Physical Review D, 1998, 57, 5780-5786.	4.7	645
85	Single spin asymmetries from a gluonic background in the Drell-Yan process. Physical Review D, 1998, 57, 3057-3064.	4.7	75
86	Asymmetries in polarized hadron production in $e^+e^-$ annihilation up to order. Nuclear Physics B, 1997, 504, 345-380.	2.5	148
87	Higher-twist quark-mass contributions to deep-inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 381, 305-310.	4.1	17