

# Cristian Pisano

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,320  
citations

279798

23  
h-index

377865

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction of partonic transverse momentum distributions from semi-inclusive deep-inelastic scattering, Drell-Yan and Z-boson production. Journal of High Energy Physics, 2017, 2017, 1.	4.7	151
2	Direct Probes of Linearly Polarized Gluons inside Unpolarized Hadrons. Physical Review Letters, 2011, 106, 132001.	7.8	99
3	Linearly Polarized Gluons and the Higgs Transverse Momentum Distribution. Physical Review Letters, 2012, 108, 032002.	7.8	84
4	QCD evolution of (un)polarized gluon TMDPDFs and the Higgs $q_T$ -distribution. Journal of High Energy Physics, 2015, 2015, 1.	4.7	77
5	Linear polarization of gluons and photons in unpolarized collider experiments. Journal of High Energy Physics, 2013, 2013, 1.	4.7	76
6	Polarized gluon studies with charmonium and bottomonium at LHCb and AFTER. Physical Review D, 2012, 86, .	4.7	67
7	Accessing the Transverse Dynamics and Polarization of Gluons inside the Proton at the LHC. Physical Review Letters, 2014, 112, .	7.8	63
8	Asymmetries in heavy quark pair and dijet production at an EIC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	57
9	The Gluon Sivers Distribution: Status and Future Prospects. Advances in High Energy Physics, 2015, 2015, 1-10.	1.1	46
10	Probing the gluon Sivers function in $\langle \mathbf{p}_T \rangle$ and $\langle \mathbf{p}_T^2 \rangle$ distributions. Physical Review Letters, 2015, 115, 022001.	4.7	44
11	Dijet imbalance in hadronic collisions. Physical Review D, 2009, 80, .	4.7	41
12	Prospects for quarkonium studies at the high-luminosity LHC. Progress in Particle and Nuclear Physics, 2022, 122, 103906.	14.4	41
13	Azimuthal asymmetries for hadron distributions inside a jet in hadronic collisions. Physical Review D, 2011, 83, .	4.7	38
14	Determining the Higgs Spin and Parity in the Diphoton Decay Channel. Physical Review Letters, 2013, 111, 032002.	7.8	38
15	Pinning down the linearly-polarised gluons inside unpolarised protons using quarkonium-pair production at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 217-222.	4.1	36
16	Associated production of a dilepton and a $\Upsilon$ ( $J/\psi$ ) at the LHC as a probe of gluon transverse momentum dependent distributions. Nuclear Physics B, 2017, 920, 192-210.	2.5	34
17	Azimuthal asymmetries in semi-inclusive $\langle \mathbf{p}_T \rangle$ and $\langle \mathbf{p}_T^2 \rangle$ distributions. Physical Review Letters, 2015, 115, 022001.	4.7	34
18	Unraveling the gluon Sivers function in hadronic collisions at RHIC. Physical Review D, 2019, 99, .	4.7	32

#	ARTICLE	IF	CITATIONS
19	Gluon TMDs and NRQCD matrix elements in $\psi$ production at an EIC. European Physical Journal C, 2020, 80, 1.	3.9	31
20	Studies of gluon TMDs and their evolution using quarkonium-pair production at the LHC. European Physical Journal C, 2020, 80, 1.	3.9	30
21	Testing the process dependence of the Sivers function via hadron distributions inside a jet. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 637-640.	4.1	29
22	Impact of gluon polarization on Higgs boson plus jet production at the LHC. Physical Review D, 2015, 91, .	4.7	23
23	Matching factorization theorems with an inverse-error weighting. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 161-168.	4.1	23
24	$J/\psi$ meson production in SIDIS: matching high and low transverse momentum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
25	Azimuthal asymmetries in unpolarized SIDIS and Drell-Yan processes: A case study towards TMD factorization at subleading twist. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134850.	4.1	20
26	Process dependence of the gluon Sivers function in $\hat{p}^{\uparrow} p \rightarrow \psi + X$	4.7	15
27	Single-spin asymmetries in $\hat{p}^{\uparrow} p \rightarrow \psi + X$ within a TMD approach: role of the color octet mechanism. European Physical Journal C, 2019, 79, 1.	3.9	15
28	Collins and sivers effects in $\hat{p}^{\uparrow} p \rightarrow \psi$ jet $\otimes X$ : Universality and process dependence. Physics of Particles and Nuclei, 2014, 45, 676-691.	0.7	12
29	Extracting color octet NRQCD matrix elements from $J/\psi$ production at the EIC. Physical Review D, 2021, 103, .	4.7	10
30	Corrigendum to: "Pinning down the linearly-polarised gluons inside unpolarised protons using quarkonium-pair production at the LHC" [Phys. Lett. B 784 (2018) 217]. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 420-421.	4.1	9
31	$J/\psi$ polarization in semi-inclusive DIS at low and high transverse momentum. Journal of High Energy Physics, 2022, 2022, 1.	4.7	8
32	Dynamical next-to-next-to-leading order parton distributions and the perturbative stability of. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 47-50.	0.4	2
33	Azimuthal asymmetries for hadron distributions inside a jet in hadronic collisions. Journal of Physics: Conference Series, 2011, 295, 012064.	0.4	1
34	Transverse Momentum Dependent Gluon Distributions at the LHC. International Journal of Modern Physics Conference Series, 2015, 37, 1560031.	0.7	0
35	Scale evolution of gluon TMDPDFs. EPJ Web of Conferences, 2015, 85, 02005.	0.3	0
36	Azimuthal asymmetries in $\hat{p}^{\uparrow} p \rightarrow \psi$ jet $\otimes X$ . EPJ Web of Conferences, 2015, 85, 02032.	0.3	0

#	ARTICLE	IF	CITATIONS
37	Sivers asymmetry in inelastic $J/\psi$ lepton production at the EIC. SciPost Physics Proceedings, 2022, , .	0.4	0