

# Piet Jg Mulders

## List of Publications by Year in descending order

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43  
papers

3,680  
citations

201674

27  
h-index

289244

40  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1950  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergent symmetries of the Standard Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 193-197.	4.1	0
2	Directed flow from C-odd gluon correlations at small x. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
3	Suppression of maximal linear gluon polarization in angular asymmetries. Journal of High Energy Physics, 2017, 2017, 1.	4.7	26
4	Positivity bounds on gluon TMDs for hadrons of spin $\frac{1}{2}$ . Journal of High Energy Physics, 2017, 2017, 1.	4.7	4
5	Colour unwound - disentangling colours for azimuthal asymmetries in Drell-Yan scattering. SciPost Physics, 2017, 3, .	4.9	4
6	The 3D structure of QCD and the roots of the Standard Model. EPJ Web of Conferences, 2016, 112, 01014.	0.3	3
7	Asymmetries in heavy quark pair and dijet production at an EIC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	57
8	Gluon and Wilson loop TMDs for hadrons of spin $\frac{1}{2}$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	56
9	Single Spin Asymmetries from a Single Wilson Loop. Physical Review Letters, 2016, 116, 122001.	7.8	45
10	QCD evolution of (un)polarized gluon TMDPDFs and the Higgs $q_T$ -distribution. Journal of High Energy Physics, 2015, 2015, 1.	4.7	77
11	Universality of TMD correlators. EPJ Web of Conferences, 2015, 85, 02001.	0.3	0
12	Constraining double-parton correlations and interferences. Physical Review D, 2015, 91, .	4.7	13
13	Linear polarization of gluons and photons in unpolarized collider experiments. Journal of High Energy Physics, 2013, 2013, 1.	4.7	76
14	Direct Probes of Linearly Polarized Gluons inside Unpolarized Hadrons. Physical Review Letters, 2011, 106, 132001.	7.8	99
15	No generalized transverse momentum dependent factorization in the hadroproduction of high transverse momentum hadrons. Physical Review D, 2010, 81, .	4.7	159
16	Dijet imbalance in hadronic collisions. Physical Review D, 2009, 80, .	4.7	41
17	GLUONIC POLE MATRIX ELEMENTS IN SPECTATOR MODELS. , 2009, , .		0
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Non-universality of transverse momentum dependent parton distribution functions. Nuclear Physics B, 2008, 795, 409-427.	2.5	70
21	Semi-inclusive deep inelastic scattering at small transverse momentum. Journal of High Energy Physics, 2007, 2007, 093-093.	4.7	455
22	Gluonic pole cross sections and single spin asymmetries in hadron-hadron scattering. Journal of High Energy Physics, 2007, 2007, 029-029.	4.7	48
23	Sivers Single-Spin Asymmetry in Photon-Jet Production. Physical Review Letters, 2007, 99, 212002.	7.8	40
24	The construction of gauge-links in arbitrary hard processes. European Physical Journal C, 2006, 47, 147-162.	3.9	150
25	Polarized structure functions. Progress in Particle and Nuclear Physics, 2005, 55, 243-269.	14.4	2
26	HADRON STRUCTURE: THE PHYSICS PROGRAM OF HAPNET. , 2005, , .		0
27	New observables in longitudinal single-spin asymmetries in semi-inclusive DIS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 309-317.	4.1	57
28	Gauge link structure in quark-quark correlators in hard processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 596, 277-286.	4.1	104
29	Universality of T-odd effects in single spin and azimuthal asymmetries. Nuclear Physics B, 2003, 667, 201-241.	2.5	437
30	Evolution of transverse momentum dependent distribution and fragmentation functions. Nuclear Physics B, 2002, 620, 331-350.	2.5	33
31	Kinematical contributions to the transverse asymmetry in semi-inclusive DIS. Nuclear Physics A, 2002, 711, 89-92.	1.5	4
32	The Collins fragmentation function: a simple model calculation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 506, 155-160.	4.1	40
33	Positivity bounds on spin-one distribution and fragmentation functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 518, 85-93.	4.1	15
34	Angular dependences in electroweak semi-inclusive lepton production. Nuclear Physics B, 2000, 564, 471-485.	2.5	45
35	Color gauge invariance in the Drell-Yan process. Nuclear Physics B, 2000, 569, 505-526.	2.5	53
36	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

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37	Asymmetries in polarized hadron production in $e^+e^-$ annihilation up to order. Nuclear Physics B, 1997, 504, 345-380.	2.5	148
38	Probing transverse quark polarization via azimuthal asymmetries in lepton production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 373-380.	4.1	61
39	Prospects for spin physics in semi-inclusive processes. Nuclear Physics A, 1997, 622, c239-c254.	1.5	3
40	Modelling quark distribution and fragmentation functions. Nuclear Physics A, 1997, 626, 937-965.	1.5	219
41	The complete tree-level result up to order $1/Q$ for polarized deep-inelastic lepton production. Nuclear Physics B, 1996, 461, 197-237.	2.5	613
42	Probing transverse quark polarization in deep-inelastic lepton production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 129-133.	4.1	24
43	Time reversal odd fragmentation functions in semi-inclusive scattering of polarized leptons from unpolarized hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 357-362.	4.1	48