Daniel Pitonyak

List of Publications by Year
in descending order

21	660	623734 14	794594 19
papers	citations	h-index	g-index

22	22	22	303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First global QCD analysis of the TMD <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>g</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi></mml:mrow></mml:msub></mml:math> from semi-inclusive DIS data. Physical Review D, 2022, 105, .	4.7	8
2	Global Analysis of SSAs and the Impact of the EIC and SoLID on Tensor Charge Extractions. SciPost Physics Proceedings, 2022, , .	0.4	0
3	Electron-ion collider impact study on the tensor charge of the nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136255.	4.1	9
4	First analysis of world polarized DIS data with small- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>x</mml:mi></mml:math> helicity evolution. Physical Review D, 2021, 104, .	4.7	18
5	Origin of single transverse-spin asymmetries in high-energy collisions. Physical Review D, 2020, 102, .	4.7	85
6	Matching Collinear and Transverse Momentum Dependent Observables in the CSS Formalism. , 2020, , .		0
7	Global Analysis of Transverse-Spin Observables. , 2020, , .		0
8	Transverse Momentum Dependent Observables from Low to High Energy: Factorization, Evolution, and Global Analyses. Advances in High Energy Physics, 2019, 2019, 1-2.	1.1	1
9	Polarized hyperon production in single-inclusive electron-positron annihilation at next-to-leading order. Journal of High Energy Physics, 2019, 2019, 1.	4.7	17
10	Connections between collinear and transverse-momentum-dependent polarized observables within the Collinsâ€“Soperâ€“Sterman formalism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 443-454.	4.1	16
11	Helicity evolution at small<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>x</mml:mi></mml:math>: Flavor singlet and nonsinglet observables. Physical Review D, 2017, 95, .	4.7	49
12	Small-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>x</mml:mi></mml:math>Asymptotics of the Quark Helicity Distribution. Physical Review Letters, 2017, 118, 052001.	7.8	47
13	Phenomenological constraints on A in pât'pât'Ï€X from Lorentz invariance relations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 242-251.	4.1	33
14	Small-x asymptotics of the quark helicity distribution: Analytic results. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 136-140.	4.1	42
15	Small-x asymptotics of the gluon helicity distribution. Journal of High Energy Physics, 2017, 2017, 1.	4.7	46
16	Transverse spin observables in hard-scattering hadronic processes within collinear factorization. International Journal of Modern Physics A, 2016, 31, 1630049.	1.5	13
17	Twist-3 effect from the longitudinally polarized proton for A in hadron production from pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 75-81.	4.1	8
18	Operator constraints for twist-3 functions and Lorentz invariance properties of twist-3 observables. Physical Review D, 2016, 93, .	4.7	53

#	Article	IF	Citations
19	Helicity evolution at small x. Journal of High Energy Physics, 2016, 2016, 1.	4.7	61
20	Towards an explanation of transverse single-spin asymmetries in proton-proton collisions: The role of fragmentation in collinear factorization. Physical Review D, 2014, 89, .	4.7	103
21	Double spin asymmetry <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	21