

Daniel Pitonyak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1831414/publications.pdf>

Version: 2024-02-01

21
papers

660
citations

623734

14
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Origin of single transverse-spin asymmetries in high-energy collisions. Physical Review D, 2020, 102, .	4.7	85
3	Helicity evolution at small x . Journal of High Energy Physics, 2016, 2016, 1.	4.7	61
4	Operator constraints for twist-3 functions and Lorentz invariance properties of twist-3 observables. Physical Review D, 2016, 93, .	4.7	53
5	Helicity evolution at small x : Flavor singlet and nonsinglet observables. Physical Review D, 2017, 95, .	4.7	49
6	Small- x asymptotics of the Quark Helicity Distribution. Physical Review Letters, 2017, 118, 052001.	7.8	47
7	Small- x asymptotics of the gluon helicity distribution. Journal of High Energy Physics, 2017, 2017, 1.	4.7	46
8	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
9	Phenomenological constraints on A in pT from Lorentz invariance relations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 242-251.	4.1	33
10	Double spin asymmetry $\langle \sigma_L \rangle$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 252-255.	4.1	21
11	First analysis of world polarized DIS data with small- x helicity evolution. Physical Review D, 2021, 104, .	4.7	18
12	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
13	Connections between collinear and transverse-momentum-dependent polarized observables within the Collins-Soper-Sterman formalism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 443-454.	4.1	16
14	Transverse spin observables in hard-scattering hadronic processes within collinear factorization. International Journal of Modern Physics A, 2016, 31, 1630049.	1.5	13
15	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
16	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
17	First global QCD analysis of the TMD $\langle \sigma_L \rangle$ from semi-inclusive DIS data. Physical Review D, 2022, 105, .	4.7	7
18	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

#	ARTICLE	IF	CITATIONS
19	Matching Collinear and Transverse Momentum Dependent Observables in the CSS Formalism. , 2020, , .		0
20	Global Analysis of Transverse-Spin Observables. , 2020, , .		0
21	Global Analysis of SSAs and the Impact of the EIC and SoLID on Tensor Charge Extractions. SciPost Physics Proceedings, 2022, , .	0.4	0