

Pieter Taels

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

810
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects for quarkonium studies at the high-luminosity LHC. Progress in Particle and Nuclear Physics, 2022, 122, 103906.	14.4	41
2	A spectator-model way to transverse-momentum-dependent gluon distribution functions. SciPost Physics Proceedings, 2022, , .	0.4	7
3	Extracting color octet NRQCD matrix elements from J/ψ production at the EIC. Physical Review D, 2021, 103, .	4.7	10
4	Low-x improved TMD approach to the lepto- and hadroproduction of a heavy-quark pair. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
5	Gluon TMDs and NRQCD matrix elements in ψ production at an EIC. European Physical Journal C, 2020, 80, 1.	3.9	31
6	Photoproduction of three jets in the CGC: gluon TMDs and dilute limit. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
7	J/ψ meson production in SIDIS: matching high and low transverse momentum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
8	Transverse-momentum-dependent gluon distribution functions in a spectator model. European Physical Journal C, 2020, 80, 1.	3.9	42
9	TMD factorization for dijets + photon production from the dilute-dense CGC framework. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
10	Unraveling the gluon Sivers function in hadronic collisions at RHIC. Physical Review D, 2019, 99, .	4.7	32
11	Azimuthal asymmetries in semi-inclusive J/ψ production at an EIC. Physical Review D, 2019, 100, .	4.7	34
12	Jet quenching parameter in an expanding QCD plasma. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 288-295.	4.1	11
13	Linearly polarized small- x gluons in forward heavy-quark pair production. Probing the gluon Sivers function in J/ψ production at an EIC. Physical Review D, 2019, 100, .	4.7	44
14	On a Wilson line approach to the study of jet quenching. European Physical Journal C, 2014, 74, 1.	4.7	44
15	Evolution of light-like Wilson loops with a self-intersection in loop space. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 563-567.	3.9	9
16	A Large Hadron Electron Collider at CERN Report on the Physics and Design Concepts for Machine and Detector. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 075001.	3.6	406
17	Chern-Simons diffusion rate in a holographic Yang-Mills theory. Journal of High Energy Physics, 2012, 2012, 1.	4.7	10