

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	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
2	Linearly polarized small- x gluons in forward heavy-quark pair production. Physical Review D, 2018, 97, .	4.7	44
3	Production of J/ψ mesons in forward heavy-quark pair production at an EIC. Physical Review D, 2019, 100, .	4.7	44
4	Transverse-momentum-dependent gluon distribution functions in a spectator model. European Physical Journal C, 2020, 80, 1.	3.9	42
5	Prospects for quarkonium studies at the high-luminosity LHC. Progress in Particle and Nuclear Physics, 2022, 122, 103906.	14.4	41
6	Azimuthal asymmetries in semi-inclusive J/ψ production at an EIC. Physical Review D, 2019, 100, .	4.7	34
7	Unraveling the gluon Sivers function in hadronic collisions at RHIC. Physical Review D, 2019, 99, .	4.7	32
8	Gluon TMDs and NRQCD matrix elements in $\psi(2S)$ production at an EIC. European Physical Journal C, 2020, 80, 1.	3.9	31
9	J/ψ meson production in SIDIS: matching high and low transverse momentum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	23
10	Photoproduction of three jets in the CGC: gluon TMDs and dilute limit. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
11	TMD factorization for dijets + photon production from the dilute-dense CGC framework. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
12	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
13	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
14	Chern-Simons diffusion rate in a holographic Yang-Mills theory. Journal of High Energy Physics, 2012, 2012, 1.	4.7	10
15	Extracting color octet NRQCD matrix elements from J/ψ production at the EIC. Physical Review D, 2021, 103, .	4.7	10
16	On a Wilson line approach to the study of jet quenching. European Physical Journal C, 2014, 74, 1.	3.9	9
17	A spectator-model way to transverse-momentum-dependent gluon distribution functions. SciPost Physics Proceedings, 2022, , .	0.4	7
18	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.	4.1	5