

Marco Radici

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,892
citations

257450

24
h-index

243625

44
g-index

55
all docs

55
docs citations

55
times ranked

765
citing authors

#	ARTICLE	IF	CITATIONS
1	Transverse-momentum distributions in a diquark spectator model. Physical Review D, 2008, 78, .	4.7	200
2	Extraction of partonic transverse momentum distributions from semi-inclusive deep-inelastic scattering, Drell-Yan and Z-boson production. Journal of High Energy Physics, 2017, 2017, 1.	4.7	151
3	Investigations into the flavor dependence of partonic transverse momentum. Journal of High Energy Physics, 2013, 2013, 1.	4.7	98
4	First extraction of valence transversities in a collinear framework. Journal of High Energy Physics, 2013, 2013, 1.	4.7	95
5	Improved extraction of valence transversity distributions from inclusive dihadron production. Journal of High Energy Physics, 2015, 2015, 1.	4.7	88
6	Parton distributions and lattice-QCD calculations: Toward 3D structure. Progress in Particle and Nuclear Physics, 2021, 121, 103908.	14.4	86
7	Transverse-momentum-dependent parton distributions up to N3LL from Drell-Yan data. Journal of High Energy Physics, 2020, 2020, 1.	4.7	86
8	First Glances at the Transversity Parton Distribution through Dihadron Fragmentation Functions. Physical Review Letters, 2011, 107, 012001.	7.8	81
9	Constraining Quark Angular Momentum through Semi-Inclusive Measurements. Physical Review Letters, 2011, 107, 212001.	7.8	78
10	First Extraction of Transversity from a Global Analysis of Electron-Proton and Proton-Proton Data. Physical Review Letters, 2018, 120, 192001.	7.8	77
11	Partial-wave analysis of two-hadron fragmentation functions. Physical Review D, 2003, 67, .	4.7	72
12	Accessing transversity with interference fragmentation functions. Physical Review D, 2002, 65, .	4.7	67
13	Two-hadron semi-inclusive production including subleading twist contributions. Physical Review D, 2004, 69, .	4.7	63
14	First extraction of interference fragmentation functions from $e^+e^- \rightarrow q\bar{q}g$ Physical Review D, 2012, 85, .	4.7	54
15	Modeling dihadron fragmentation functions. Physical Review D, 2006, 74, .	4.7	50
16	Interference fragmentation functions in electron-positron annihilation. Physical Review D, 2003, 67, .	4.7	43
17	Transverse-momentum-dependent gluon distribution functions in a spectator model. European Physical Journal C, 2020, 80, 1.	3.9	42
18	Evolution equations for extended dihadron fragmentation functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 81-89.	4.1	39

#	ARTICLE	IF	CITATIONS
19	Asymmetries involving dihadron fragmentation functions: From DIS to $e^+e^- \rightarrow e^+e^- + \text{hadrons}$. Physical Review D, 2009, 79, .	4.7	35
20	Dihadron interference fragmentation functions in proton-proton collisions. Physical Review D, 2004, 70, .	4.7	34
21	Monte Carlo simulation of events with Drell-Yan lepton pairs from antiproton-proton collisions. Physical Review D, 2005, 71, .	4.7	30
22	Effects of TMD evolution and partonic flavor on $e^+e^- \rightarrow \text{hadrons}$ annihilation into hadrons. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
23	Monte Carlo simulation of events with Drell-Yan lepton pairs from antiproton-proton collisions: The fully polarized case. Physical Review D, 2005, 72, .	4.7	24
24	Exploring universality of transversity in proton-proton collisions. Physical Review D, 2016, 94, .	4.7	24
25	Effect of flavor-dependent partonic transverse momentum on the determination of the W boson mass in hadronic collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 542-545.	4.1	24
26	High-momentum proton removal from ^{16}O and the $(e, e'\gamma p)$ cross section. Physical Review C, 1997, 55, 810-819.	2.9	23
27	Azimuthal asymmetries in unpolarized SIDIS and Drell-Yan processes: A case study towards TMD factorization at subleading twist. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134850.	4.1	20
28	Monte Carlo simulation of the Sivers effect in high-energy proton-proton collisions. Physical Review D, 2006, 73, .	4.7	17
29	Di-hadron fragmentation and mapping of the nucleon structure. European Physical Journal A, 2016, 52, 1.	2.5	17
30	Monte Carlo simulation of single spin asymmetries in pion-proton collisions. Physical Review D, 2006, 73, .	4.7	16
31	Reconstructing parton densities at large fractional momenta. Physical Review D, 2017, 95, .	4.7	16
32	$(e, e'p)$ reaction and the transition to the eikonal regime. Physical Review C, 1996, 53, R563-R566.	2.9	15
33	Semi-inclusive production of two back-to-back hadron pairs in $e^+e^- \rightarrow e^+e^- + \text{hadrons}$ annihilation revisited. Physical Review D, 2018, 97, .	4.7	15
34	A spectator-model way to transverse-momentum-dependent gluon distribution functions. SciPost Physics Proceedings, 2022, , .	0.4	7
35	Nuclear charge form factor in the topological soliton model. Nuclear Physics A, 1988, 490, 585-601.	1.5	6
36	Extraction of proton form factors in the timelike region from unpolarized $e^+e^- \rightarrow p\bar{p}$ events. Physical Review D, 2006, 74, .	4.7	6

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37	FLAVOR DEPENDENCE OF UNPOLARIZED TMDs FROM SEMI-INCLUSIVE PION PRODUCTION. International Journal of Modern Physics Conference Series, 2014, 25, 1460020.	0.7	5
38	Effective role of unpolarized nonvalence partons in Drell-Yan single-spin asymmetries. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 1595-1610.	3.6	4
39	Nucleon tomography. Journal of Physics: Conference Series, 2014, 527, 012025.	0.4	4
40	Nucleon properties in a semirelativistic chiral quark model. Nuclear Physics A, 2002, 699, 312-315.	1.5	3
41	Extraction of proton form factors in the timelike region from single-polarized $e^+e^- \rightarrow \pi^+ \pi^-$ events. Physical Review D, 2006, 74, .	4.7	3
42	DETECTING CORRELATED DI-HADRON PAIRS: ABOUT THE EXTRACTION OF TRANSVERSITY AND BEYOND. International Journal of Modern Physics Conference Series, 2014, 25, 1460045.	0.7	3
43	Azimuthal asymmetries in unpolarized Drell-Yan events on nuclear targets. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 645-657.	3.6	2
44	Exploring the Flavor Dependence of Partonic Transverse Momentum. International Journal of Modern Physics Conference Series, 2015, 37, 1560024.	0.7	2
45	Dihadron Fragmentation Functions and Transversity. EPJ Web of Conferences, 2015, 85, 02025.	0.3	2
46	Status on the transversity parton distribution: the dihadron fragmentation functions way. , 2012, , .		2
47	Phenomenology from SIDIS and $e^+e^- \rightarrow \pi^+ \pi^-$ multiplicities: multiplicities and phenomenology - part I. EPJ Web of Conferences, 2015, 85, 02016.	0.3	1
48	Imaging the proton. AIP Conference Proceedings, 2016, , .	0.4	1
49	Predictions for Transverse-Momentum Dependence in Electron-Positron Annihilation. International Journal of Modern Physics Conference Series, 2015, 37, 1560023.	0.7	0
50	Global extraction of partonic transverse momentum distributions from semi-inclusive deep inelastic scattering and Drell-Yan data. Journal of Physics: Conference Series, 2017, 938, 012041.	0.4	0
51	Electron Ion Collider: 3D-Imaging the Nucleon. EPJ Web of Conferences, 2018, 182, 02062.	0.3	0
52	Electron Ion Collider: 3D-Imaging the Nucleon. EPJ Web of Conferences, 2018, 182, 02103.	0.3	0
53	ELASTIC FORM FACTORS IN POINT-FORM APPROACH. , 2001, , .		0
54	Evolution Equations for Di-hadron Fragmentation Functions. , 2007, , .		0