

Marco Stratmann

List of Publications by Year in descending order

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45
papers

2,586
citations

279798

23
h-index

345221

36
g-index

45
all docs

45
docs citations

45
times ranked

1821
citing authors

#	ARTICLE	IF	CITATIONS
1	Pion fragmentation functions at high energy colliders. Physical Review D, 2022, 105, .	4.7	10
2	Towards a Global QCD Analysis of Fragmentation Functions at Next-to-Next-to-Leading Order Accuracy. Physical Review Letters, 2022, 129, .	7.8	12
3	Differential heavy quark distributions and correlations in longitudinally polarized deep-inelastic scattering. Physical Review D, 2021, 104, .	4.7	1
4	MonteÂCarlo sampling variant of the DSSV14 set of helicity parton densities. Physical Review D, 2019, 100, .	4.7	48
5	Next-to-leading order QCD corrections to inclusive heavy-flavor production in polarized deep-inelastic scattering. Physical Review D, 2018, 98, .	4.7	12
6	Using hadron-in-jet data in a global analysis of D fragmentation functions. Physical Review D, 2017, 96, .	4.7	33
7	Parton-to-kaon fragmentation revisited. Physical Review D, 2017, 95, .	4.7	76
8	Pre-Town Meeting on spin physics at an Electron-Ion Collider. European Physical Journal A, 2017, 53, 1.	2.5	11
9	Fragmentation functions beyond fixed order accuracy. Physical Review D, 2017, 95, .	4.7	16
10	Probing the sea quark content of the proton with one-particle-inclusive processes. Physical Review D, 2017, 96, .	4.7	19
11	Unveiling the proton spin decomposition at a future electron-ion collider. Physical Review D, 2015, 92, .	4.7	27
12	Fragmentation functions at next-to-next-to-leading order accuracy. Physical Review D, 2015, 92, .	4.7	36
13	Parton-to-pion fragmentation reloaded. Physical Review D, 2015, 91, .	4.7	169
14	Evidence for Polarization of Gluons in the Proton. Physical Review Letters, 2014, 113, 012001.	7.8	222
15	Longitudinally polarized photoproduction of heavy flavors at next-to-leading order of QCD. European Physical Journal C, 2013, 73, 1.	3.9	4
16	Prospects for charged current deep-inelastic scattering off polarized nucleons at a future electron-ion collider. Physical Review D, 2013, 88, .	4.7	25
17	Helicity parton distributions at a future electron-ion collider: A quantitative appraisal. Physical Review D, 2012, 86, .	4.7	33
18	Uncertainties in pion and kaon fragmentation functions. Physical Review D, 2012, 86, .	4.7	25

#	ARTICLE	IF	CITATIONS
19	Global analysis of nuclear parton distributions. Physical Review D, 2012, 85, .	4.7	182
20	QCD spin physics: Partonic spin structure of the nucleon. Progress in Particle and Nuclear Physics, 2012, 67, 251-259.	14.4	25
21	Global analysis of fragmentation functions for eta mesons. Physical Review D, 2011, 83, .	4.7	46
22	Fragmentation functions in nuclear media. Physical Review D, 2010, 81, .	4.7	36
23	Inclusive hadron production in the CERN-LHC era. Physical Review D, 2010, 82, .	4.7	39
24	Global QCD Analysis of Polarized Parton Densities. , 2009, , .		0
25	Longitudinally Polarized Hadroproduction of Heavy Quarks. , 2009, , .		0
26	Next-to-leading order QCD corrections to heavy quark correlations in longitudinally polarized hadron-hadron collisions. Physical Review D, 2009, 80, .	4.7	6
27	Extraction of spin-dependent parton densities and their uncertainties. Physical Review D, 2009, 80, .	4.7	299
28	Global Analysis of Helicity Parton Densities and their Uncertainties. Physical Review Letters, 2008, 101, 072001.	7.8	211
29	Global analysis of fragmentation functions for protons and charged hadrons. Physical Review D, 2007, 76, .	4.7	176
30	Exploring the polarization of gluons in the nucleon. Journal of Physics: Conference Series, 2007, 69, 012035.	0.4	9
31	Global analysis of fragmentation functions for pions and kaons and their uncertainties. Physical Review D, 2007, 75, .	4.7	443
32	HOW TO EXTRACT $\hat{\sigma}_G$ FROM MEASUREMENTS OF A_{LL} ?. , 2007, , .		0
33	Semi-Inclusive DIS in NLO QCD. AIP Conference Proceedings, 2005, , .	0.4	0
34	Spin Physics Summary. AIP Conference Proceedings, 2005, , .	0.4	0
35	QCD Hard Scattering and the Sign of the Spin Asymmetry A_{LL} . Physical Review Letters, 2004, 92, 121803.	7.8	15
36	Next-to-leading order QCD corrections to the polarized hadroproduction of heavy flavors. Physical Review D, 2003, 67, .	4.7	28

#	ARTICLE	IF	CITATIONS
37	NLO QCD Corrections to A_{LL}^{NLO} . AIP Conference Proceedings, 2003, , .	0.4	0
38	Exploring Nucleon Spin Structure in Longitudinally Polarized Collisions. AIP Conference Proceedings, 2003, , .	0.4	0
39	SPIN PHYSICS AT RHIC - A THEORETICAL OVERVIEW. , 2003, , .		0
40	Next-to-leading order QCD evolution of transversity fragmentation functions. Physical Review D, 2002, 65, .	4.7	12
41	Polarized heavy flavor production in next-to-leading order QCD. AIP Conference Proceedings, 2001, , .	0.4	0
42	Towards a global analysis of polarized parton distributions. Physical Review D, 2001, 64, .	4.7	74
43	Polarized photoproduction of heavy flavours in NLO. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 1544-1546.	3.6	1
44	Polarized \hat{b} -Baryon Production in pp Collisions. Physical Review Letters, 1998, 81, 530-533.	7.8	59
45	QCD analysis of unpolarized and polarized \hat{b} -baryon production in leading and next-to-leading order. Physical Review D, 1998, 57, 5811-5824.	4.7	146