

Miguel G Echevarria

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,844
citations

279798

23
h-index

315739

38
g-index

57
all docs

57
docs citations

57
times ranked

1591
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	Transverse momentum dependent distributions in dijet and heavy hadron pair production at EIC. Journal of High Energy Physics, 2022, 2022, 1.	4.7	11
3	Illuminating the nucleon spin. Physical Review D, 2022, 105, .	4.7	0
4	TMD factorization for dijet and heavy-meson pair in DIS. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
5	A fixed-target programme at the LHC: Physics case and projected performances for heavy-ion, hadron, spin and astroparticle studies. Physics Reports, 2021, 911, 1-83.	25.6	28
6	Quantum simulation of light-front parton correlators. Physical Review D, 2021, 104, .	4.7	15
7	On the physics potential to study the gluon content of proton and deuteron at NICA SPD. Progress in Particle and Nuclear Physics, 2021, 119, 103858.	14.4	50
8	Global analysis of the Sivers functions at NLO+NNLL in QCD. Journal of High Energy Physics, 2021, 2021, 1.	4.7	30
9	Studies of gluon TMDs and their evolution using quarkonium-pair production at the LHC. European Physical Journal C, 2020, 80, 1.	3.9	30
10	Quarkonium TMD fragmentation functions in NRQCD. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
11	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
12	A fixed-target programme at the LHC for heavy-ion, hadron, spin and astroparticle physics: AFTER@LHC. Nuclear Physics A, 2019, 982, 971-974.	1.5	2
13	QCD—QED evolution of TMDs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 280-287.	4.1	7
14	Proper TMD factorization for quarkonia production: $pp \rightarrow \gamma^* \rightarrow c\bar{c}$, b as a study case. Journal of High Energy Physics, 2019, 2019, 1.	4.7	37
15	Probing the high-x content of the nuclei in the fixed-target mode at the LHC. , 2019, , .		1
16	Ultra-peripheral-collision studies in the fixed-target mode with the proton and lead LHC beams. , 2019, , .		0
17	High-luminosity fixed-target experiments at the LHC. , 2019, , .		1
18	Spin Physics with a fixed-target experiment at the LHC. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Physics perspectives with AFTER@LHC (A Fixed Target Experiment at LHC). EPJ Web of Conferences, 2018, 171, 10001.	0.3	4
20	Matching factorization theorems with an inverse-error weighting. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 161-168.	4.1	23
21	Quarkonium production to explore hadron 3D structure. , 2018, , .		0
22	Feasibility Studies for Single Transverse-Spin Asymmetry Measurements at a Fixed-Target Experiment Using the LHC Proton and Lead Beams (AFTER@LHC). Few-Body Systems, 2017, 58, 1.	1.5	27
23	A fixed-target programme at the LHC (AFTER@LHC). Journal of Physics: Conference Series, 2017, 779, 012083.	0.4	0
24	Title is missing!. , 2017, , .		0
25	Definition and evolution of GTMDs. , 2017, , .		0
26	Unpolarized transverse momentum dependent parton distribution and fragmentation functions at next-to-next-to-leading order. Journal of High Energy Physics, 2016, 2016, 1.	4.7	129
27	Transverse momentum dependent fragmentation function at next-to-â€œnext-toâ€œleading order. Physical Review D, 2016, 93, .	4.7	31
28	Universal transverse momentum dependent soft function at NNLO. Physical Review D, 2016, 93, .	4.7	75
29	Single Spin Asymmetries from a Single Wilson Loop. Physical Review Letters, 2016, 116, 122001.	7.8	45
30	Proper definition and evolution of generalized transverse momentum dependent distributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 336-341.	4.1	33
31	T-Odd Gluon TMDs Inside a Transversely Polarized Hadron. Few-Body Systems, 2016, 57, 645-649.	1.5	0
32	Single-Transverse-Spin-Asymmetry studies with a fixed-target experiment using the LHC beams (AFTER@LHC). , 2016, , .		2
33	Phenomenology of Gluon TMDs at NNLL. , 2016, , .		0
34	Physics case for a polarised target for AFTER@LHC. , 2016, , .		2
35	Effects of TMD evolution and partonic flavor on $e + e \rightarrow \gamma^* \rightarrow \text{hadrons}$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
36	QCD evolution of (un)polarized gluon TMDPDFs and the Higgs qT -distribution. Journal of High Energy Physics, 2015, 2015, 1.	4.7	77

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37	Predictions for Transverse-Momentum Dependence in Electron-Positron Annihilation. International Journal of Modern Physics Conference Series, 2015, 37, 1560023.	0.7	0
38	Sivers Asymmetry with QCD Evolution. International Journal of Modern Physics Conference Series, 2015, 37, 1560025.	0.7	2
39	Phenomenology of TMDs Using SCET. International Journal of Modern Physics Conference Series, 2015, 37, 1560026.	0.7	0
40	TMDs: Evolution, modeling, precision. EPJ Web of Conferences, 2015, 85, 02003.	0.3	1
41	Scale evolution of gluon TMDPDFs. EPJ Web of Conferences, 2015, 85, 02005.	0.3	0
42	Phenomenology from SIDIS and $e^+e^- \rightarrow e^+e^- \gamma^* \gamma^*$ multiplicities: multiplicities and phenomenology - part I. EPJ Web of Conferences, 2015, 85, 02016.	0.3	1
43	Polarization effects in double open-charm production at LHCb. Journal of High Energy Physics, 2015, 1.	4.7	16
44	Transverse Momentum Dependent (TMD) Parton Distribution Functions: Status and Prospects. Acta Physica Polonica B, 2015, 46, 2501.	0.8	192
45	QCD evolution of the Sivers asymmetry. Physical Review D, 2014, 89, .	4.7	137
46	Unified treatment of the QCD evolution of all (un-)polarized transverse momentum dependent functions: Collins function as a study case. Physical Review D, 2014, 90, .	4.7	78
47	Non-perturbative QCD effects in qT spectra of Drell-Yan and Z-boson production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	54
48	ON RAPIDITY DIVERGENCES IN THE SOFT AND COLLINEAR LIMITS OF QCD. International Journal of Modern Physics Conference Series, 2014, 25, 1460005.	0.7	6
49	Model independent evolution of transverse momentum dependent distribution functions (TMDs) at NNLL. European Physical Journal C, 2013, 73, 1.	3.9	127
50	Soft and collinear factorization and transverse momentum dependent parton distribution functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 795-801.	4.1	136
51	Proper definition of transverse momentum dependent distributions. , 2013, , .		0
52	Towards the phenomenology of TMD's at NNLL. , 2013, , .		0
53	DEFINITION AND EVOLUTION OF TRANSVERSE MOMENTUM DISTRIBUTIONS. International Journal of Modern Physics Conference Series, 2012, 20, 92-108.	0.7	7
54	Factorization theorem for Drell-Yan at low qT and transverse-momentum distributions on-the-light-cone. Journal of High Energy Physics, 2012, 2012, 1.	4.7	256

#	ARTICLE	IF	CITATIONS
55	Soft-collinear effective theory, light-cone gauge, and the T -Wilson lines. Physical Review D, 2011, 84, .	4.7	37