Cyrille Marquet

List of Publications by Year
in descending order

46 papers	3,151 citations	279798 23 h-index	223800 46 g-index
48 all docs	48 docs citations	48 times ranked	3353 citing authors

#	Article	IF	Citations
1	Electron-Ion Collider: The next QCD frontier. European Physical Journal A, 2016, 52, 1.	2.5	898
2	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	3.9	346
3	Universality of unintegrated gluon distributions at small<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>x</mml:mi></mml:math>. Physical Review D, 2011, 83, .	4.7	246
4	Gluon saturation and initial conditions for relativistic heavy ion collisions. Progress in Particle and Nuclear Physics, 2014, 76, 1-42.	14.4	170
5	Forward inclusive dijet production and azimuthal correlations in pA collisions. Nuclear Physics A, 2007, 796, 41-60.	1.5	165
6	Azimuthal Correlations of Forward Dihadrons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi><mml:mo>+</mml:mo><mml:mi>Au</mml:mi></mml:math>Collisions at RHIC in the Color Glass Condensate. Physical Review Letters, 2010, 105, 162301.	7.8	157
7	Single inclusive hadron production at RHIC and the LHC from the color glass condensate. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 174-179.	4.1	138
8	The Large Hadronâ€“Electron Collider at the HL-LHC. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 110501.	3.6	89
9	Improved TMD factorization for forward dijet production in dilute-dense hadronic collisions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	88
10	Unified description of diffractive deep inelastic scattering with saturation. Physical Review D, 2007, 76, .	4.7	50
11	Transverse-momentum-dependent gluon distributions from JIMWLK evolution. Journal of High Energy Physics, 2016, 2016, 1.	4.7	50
12	Forward di-jet production in p+Pb collisions in the small-x improved TMD factorization framework. Journal of High Energy Physics, 2016, 2016, 1.	4.7	47
13	Azimuthal decorrelation of Mueller-Navelet jets at the Tevatron and the LHC. Physical Review D, 2009, 79, .	4.7	46
14	New observables to test the Color Glass Condensate beyond the large- limit. Nuclear Physics A, 2010, 843, 68-97.	1.5	46
15	Semi-inclusive deep inelastic scattering at small-x. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 207-211.	4.1	44
16	Universality of multiparticle production in QCD at high energies. Physical Review D, 2013, 87, .	4.7	44
17	Linearly polarized small- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>x</mml:mi></mml:math> gluons in forward heavy-quark pair production. Physical Review D, 2018, 97, .	4.7	44
18	Prospects for quarkonium studies at the high-luminosity LHC. Progress in Particle and Nuclear Physics, 2022, 122, 103906.	14.4	41

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19	A QCD dipole formalism for forward-gluon production. Nuclear Physics B, 2005, 705, 319-338.	2.5	40
20	On multiple scatterings of mesons in hot and cold QCD matter. Nuclear Physics A, 2009, 823, 99-119.	1.5	39
21	Forward dihadron back-to-back correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>A</mml:mi></mml:math> collisions. Physical Review D, 2019, 99, .	4.7	35
22	Elliptic Flow of Heavy Quarkonia in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>A</mml:mi></mml:math> Collisions. Physical Review Letters, 2019, 122, 172302.	7.8	30
23	Gaps between jets in hadronic collisions. Physical Review D, 2011, 83, .	4.7	24
24	Saturation effects in forward-forward dijet production in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">p</mml:mi><mml:mo>+</mml:mo><mml:mi>Pb</mml:mi></mml:mrow></mml:math>collisions. Physical Review D, 2014, 89, .	4.7	22
25	Gaps between jets at hadron colliders in the next-to-leading BFKL framework. Physical Review D, 2009, 79, .	4.7	20
26	Photoproduction of three jets in the CGC: gluon TMDs and dilute limit. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
27	Comparison of improved TMD and CGC frameworks in forward quark dijet production. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
28	Initial correlations of the Glasma energy-momentum tensor. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
29	TMD factorization for dijets + photon production from the dilute-dense CGC framework. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
30	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
31	Two-particle azimuthal harmonics in pA collisions. Nuclear Physics A, 2019, 983, 293-309.	1.5	14
32	Probing parton saturation with forward Z0-boson production at small transverse momentum in p+p and p+A collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135253.	4.1	14
33	Fluctuations in heavy-ion collisions generated by QCD interactions in the color glass condensate effective theory. Physical Review C, 2019, 100, .	2.9	13
34	Next-to-leading BFKL phenomenology of forward-jet cross sections at HERA. European Physical Journal C, 2008, 55, 259-272.	3.9	12
35	Gaps between jets in double-Pomeron-exchange processes at the LHC. Physical Review D, 2013, 87, .	4.7	12
36	Probing the Pomeron structure using dijets and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi><mml:mo>+</mml:mo><mml:mtext mathvariant="normal">jet</mml:mtext></mml:math>events at the LHC. Physical Review D, 2013, 88, .	4.7	11

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37	Next-leading BFKL effects in forward-jet production at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 655, 236-240.	4.1	10
38	A QCD description of the ATLAS jet veto measurement. Physical Review D, 2013, 87, .	4.7	10
39	Prompt photon production in double-Pomeron-exchange events at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 393-398.	4.1	10
40	Collectivity of heavy mesons in proton-nucleus collisions. Physical Review D, 2020, 102, .	4.7	7
41	Diffractive di-jet production at the LHC with a Reggeon contribution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 23-28.	4.1	6
42	On systematic effects in the numerical solutions of the JIMWLK equation. European Physical Journal C, 2021, 81, 1.	3.9	4
43	Single and double inclusive particle production in d+Au collisions at RHIC, leading twist and beyond. Nuclear Physics A, 2011, 854, 154-167.	1.5	2
44	Signature of gluon saturation in forward di-hadron correlations at the Large Hadron Collider. Nuclear Physics A, 2019, 982, 291-294.	1.5	2
45	Forward di-jet production in dilute-dense collisions. EPJ Web of Conferences, 2016, 112, 04006.	0.3	1
46	The elliptic asymmetry of heavy quarkonia in pA collisions from the initial state. Nuclear Physics A, 2021, 1005, 121975.	1.5	0