

# Jamal Jalilian-Marian

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

5,166  
citations

279798

23  
h-index

454955

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1847  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapidity loss, spin, and angular asymmetries in the scattering of a quark from the color field of a proton or nucleus. <i>Physical Review D</i> , 2020, 102, .	4.7	16
2	Particle Production at High Energy: DGLAP, BFKL and Beyond. <i>Universe</i> , 2019, 5, 64.	2.5	2
3	Quark jets scattering from a gluon field: From saturation to high $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msub} \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ . <i>Physical Review D</i> , 2019, 99, .	4.7	20
4	Spinor helicity methods in high-energy factorization: Efficient momentum-space calculations in the Color Glass Condensate formalism. <i>Nuclear Physics B</i> , 2017, 920, 232-255.	2.5	16
5	Elastic scattering of a quark from a color field: Longitudinal momentum exchange. <i>Physical Review D</i> , 2017, 96, .	4.7	15
6	Polarized 3 parton production in inclusive DIS at small $x$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 761, 229-233.	4.1	28
7	Small- $x$ QCD evolution of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle x \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Wilson line correlator: The weak field limit. <i>Physical Review D</i> , 2014, 89, .	4.7	5
8	Perturbative limits of quadrupole evolution in QCD at high energy. <i>Physical Review D</i> , 2012, 85, .	4.7	11
9	Two-gluon correlations and initial conditions for small $x$ evolution. <i>Physical Review D</i> , 2011, 84, .	4.7	44
10	The Color Glass Condensate. <i>Annual Review of Nuclear and Particle Science</i> , 2010, 60, 463-489.	10.2	909
11	Forward dijets in high-energy collisions: Evolution of QCD $n$ -point functions beyond the dipole approximation. <i>Physical Review D</i> , 2010, 82, .	4.7	29
12	Drell-Yan production and Lam-Tung relation in the color glass condensate formalism. <i>Physical Review D</i> , 2007, 76, .	4.7	35
13	Ultrahigh energy neutrino-nucleon scattering and parton distributions at small $x$ . <i>Physical Review D</i> , 2006, 73, .	4.7	36
14	The color glass condensate and hadron production in the forward region. <i>Nuclear Physics A</i> , 2006, 765, 464-482.	1.5	241
15	Production of forward rapidity photons in high energy heavy ion collisions. <i>Nuclear Physics A</i> , 2005, 753, 307-315.	1.5	28
16	Limiting fragmentation from the color glass condensate. <i>Physical Review C</i> , 2004, 70, .	2.9	26
17	Inclusive two-gluon and valence-quark-gluon production in DIS and $pA$ collisions. <i>Physical Review D</i> , 2004, 70, .	4.7	130
18	The Cronin effect, quantum evolution and the color glass condensate. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 577, 54-60.	4.1	75

#	ARTICLE	IF	CITATIONS
19	From deep inelastic scattering to proton-nucleus collisions in the color glass condensate model. Physical Review D, 2003, 67, .	4.7	73
20	Dilepton production from the color glass condensate. Physical Review D, 2002, 66, .	4.7	66
21	Forward Quark Jets from Protons Shattering the Color Glass Condensate. Physical Review Letters, 2002, 89, 022301.	7.8	165
22	Scattering of gluons from the color glass condensate. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 15-20.	4.1	75
23	Unitarization of gluon distribution in the doubly logarithmic regime at high density. Physical Review D, 1999, 59, .	4.7	264
24	Wilson renormalization group for low physics: Towards the high density regime. Physical Review D, 1998, 59, .	4.7	735
25	Wilson renormalization group for low physics: Gluon evolution at finite parton density. Physical Review D, 1998, 59, .	4.7	477
26	Intrinsic glue distribution at very small x. Physical Review D, 1997, 55, 5414-5428.	4.7	564
27	The BFKL equation from the Wilson renormalization group. Nuclear Physics B, 1997, 504, 415-431.	2.5	743
28	Quantum corrections to the Weizsäcker-Williams gluon distribution function at small x. Physical Review D, 1996, 53, 458-475.	4.7	171
29	Gluon propagator in non-Abelian Weizsäcker-Williams fields. Physical Review D, 1995, 52, 2935-2943.	4.7	87