

# 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  | The Color Glass Condensate. Annual Review of Nuclear and Particle Science, 2010, 60, 463-489.  | 10.2 | 909       |
| 2  | The BFKL equation from the Wilson renormalization group. Nuclear Physics B, 1997, 504, 415-431.  | 2.5  | 743       |
| 3  | Wilson renormalization group for lowxphysics: Towards the high density regime. Physical Review D, 1998, 59, .  | 4.7  | 735       |
| 4  | Intrinsic glue distribution at very smallx. Physical Review D, 1997, 55, 5414-5428.  | 4.7  | 564       |
| 5  | Wilson renormalization group for lowxphysics: Gluon evolution at finite parton density. Physical Review D, 1998, 59, .   | 4.7  | 477       |
| 6  | Unitarization of gluon distribution in the doubly logarithmic regime at high density. Physical Review D, 1999, 59, .   | 4.7  | 264       |
| 7  | The color glass condensate and hadron production in the forward region. Nuclear Physics A, 2006, 765, 464-482.   | 1.5  | 241       |
| 8  | Quantum corrections to the Weizsäcker-Williams gluon distribution function at smallx. Physical Review D, 1996, 53, 458-475.  | 4.7  | 171       |
| 9  | Forward Quark Jets from Protons Shattering the Color Glass Condensate. Physical Review Letters, 2002, 89, 022301.  | 7.8  | 165       |
| 10 | Inclusive two-gluon and valence-quark-gluon production in DIS and pA collisions. Physical Review D, 2004, 70, .  | 4.7  | 130       |
| 11 | Gluon propagator in non-Abelian Weizsäcker-Williams fields. Physical Review D, 1995, 52, 2935-2943.  | 4.7  | 87        |
| 12 | 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        |
| 13 | The Cronin effect, quantum evolution and the color glass condensate. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 577, 54-60. | 4.1  | 75        |
| 14 | From deep inelastic scattering to proton-nucleus collisions in the color glass condensate model. Physical Review D, 2003, 67, .  | 4.7  | 73        |
| 15 | Dilepton production from the color glass condensate. Physical Review D, 2002, 66, .  | 4.7  | 66        |
| 16 | Two-gluon correlations and initial conditions for small $x$ evolution. Physical Review D, 2011, 84, .  | 4.7  | 44        |
| 17 | Ultrahigh energy neutrino-nucleon scattering and parton distributions at smallx. Physical Review D, 2006, 73, .  | 4.7  | 36        |
| 18 | Drell-Yan production and Lam-Tung relation in the color glass condensate formalism. Physical Review D, 2007, 76, .   | 4.7  | 35        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Forward dijets in high-energy collisions: Evolution of QCD $n$ -point functions beyond the dipole approximation. Physical Review D, 2010, 82, .                             | 4.7 | 29        |
| 20 | Production of forward rapidity photons in high energy heavy ion collisions. Nuclear Physics A, 2005, 753, 307-315.  | 1.5 | 28        |
| 21 | Polarized 3 parton production in inclusive DIS at small $x$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 229-233.         | 4.1 | 28        |
| 22 | Limiting fragmentation from the color glass condensate. Physical Review C, 2004, 70, .  | 2.9 | 26        |
| 23 | Quark jets scattering from a gluon field: From saturation to high $p_t$ . Physical Review D, 2019, 99, .  | 4.7 | 20        |
| 24 | Spinor helicity methods in high-energy factorization: Efficient momentum-space calculations in the Color Glass Condensate formalism. Nuclear Physics B, 2017, 920, 232-255. | 2.5 | 16        |
| 25 | Rapidity loss, spin, and angular asymmetries in the scattering of a quark from the color field of a proton or nucleus. Physical Review D, 2020, 102, .                      | 4.7 | 16        |
| 26 | Elastic scattering of a quark from a color field: Longitudinal momentum exchange. Physical Review D, 2017, 96, .  | 4.7 | 15        |
| 27 | Perturbative limits of quadrupole evolution in QCD at high energy. Physical Review D, 2012, 85, .   | 4.7 | 11        |
| 28 | Small- $x$ QCD evolution of $n$ -Wilson line correlator: The weak field limit. Physical Review D, 2014, 90, .   | 4.7 | 5         |
| 29 | Particle Production at High Energy: DGLAP, BFKL and Beyond. Universe, 2019, 5, 64.  | 2.5 | 2         |