Heribert Weigert

List of Publications by Year
in descending order

35 papers	5,893 citations	257450 24 h-index	395702 33 g-index
37 all docs	37 docs citations	37 times ranked	864 citing authors

#	Article	IF	Citations
1	The BFKL equation from the Wilson renormalization group. Nuclear Physics B, 1997, 504, 415-431.	2.5	743
2	Wilson renormalization group for lowxphysics: Towards the high density regime. Physical Review D, 1998, 59, .	4.7	735
3	Intrinsic glue distribution at very smallx. Physical Review D, 1997, 55, 5414-5428.	4.7	564
4	Unitarity at small Bjorken x. Nuclear Physics A, 2002, 703, 823-860.	1.5	502
5	Wilson renormalization group for lowxphysics: Gluon evolution at finite parton density. Physical Review D, 1998, 59, .	4.7	477
6	Relating different approaches to nonlinear QCD evolution at finite gluon density. Physical Review D, 2000, 62, .	4.7	395
7	Gluon production from non-Abelian WeizsÃcker-Williams fields in nucleus-nucleus collisions. Physical Review D, 1995, 52, 6231-6237.	4.7	330
8	Evolution at small : The color glass condensate. Progress in Particle and Nuclear Physics, 2005, 55, 461-565.	14.4	315
9	Gluon production at high transverse momentum in the McLerran-Venugopalan model of nuclear structure functions. Physical Review D, 1995, 52, 3809-3814.	4.7	284
10	Triumvirate of running couplings in small-x evolution. Nuclear Physics A, 2007, 784, 188-226.	1.5	283
11	Unitarization of gluon distribution in the doubly logarithmic regime at high density. Physical Review D, 1999, 59, .	4.7	264
12	Universal features of JIMWLK and BK evolution at small x. Nuclear Physics A, 2004, 739, 183-226.	1.5	145
13	Running coupling and power corrections in non-linear evolution at the high-energy limit. Nuclear Physics A, 2007, 784, 282-340.	1.5	95
14	Non linear gluon evolution in path-integral form. Nuclear Physics A, 2003, 713, 441-469.	1.5	88
15	Subleading- corrections in non-linear small-x evolution. Nuclear Physics A, 2009, 823, 47-82.	1.5	84
16	Quark loop contribution to BFKL evolution: Running coupling and leading- NLO intercept. Nuclear Physics A, 2007, 789, 260-284.	1.5	82
17	Non-global jet evolution at finite Nc. Nuclear Physics B, 2004, 685, 321-350.	2.5	67
18	New observables to test the Color Glass Condensate beyond the large- limit. Nuclear Physics A, 2010, 843, 68-97.	1.5	46

#	Article	IF	Citations
19	HERA-data in the light of small x evolution with state of the art NLO input. Nuclear Physics A, 2012, 875, 29-93.	1.5	41
20	Geometric Scaling in InclusiveeAReactions and Nonlinear Perturbative QCD. Physical Review Letters, 2003, 90, 222002.	7.8	38
21	Treading on the cut: Semi-inclusive observables at high energy. Physical Review D, 2006, 74, .	4.7	37
22	Small-x parton distributions of large hadronic targets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 432, 215-221.	4.1	26
23	Collinear singularities and running coupling corrections to gluon production in CGC. Nuclear Physics A, 2008, 807, 158-189.	1.5	24
24	Extension of the color glass condensate approach to diffractive reactions. Physical Review D, 2006, 73, .	4.7	23
25	JIMWLK evolution of the odderon. Physical Review D, 2016, 94, .	4.7	22
26	Kinetic equations for the quark-gluon plasma and their semiclassical expansion. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1991, 50, 195-203.	1.5	16
27	Compact Hermitian Young projection operators. Journal of Mathematical Physics, 2017, 58, .	1.1	16
28	Transition operators. Journal of Mathematical Physics, 2017, 58, .	1.1	12
29	Small x evolution in the CGC beyond the total cross section: accommodating diffraction and other restrictions on the final state. , 2009, , .		11
30	Simplification rules for birdtrack operators. Journal of Mathematical Physics, 2017, 58, .	1.1	8
31	A compact introduction to evolution at small x and the Color Glass Condensate. Nuclear Physics A, 2007, 783, 165-172.	1.5	4
32	A new approach to radial and axial gauges. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1992, 56, 145-154.	1.5	2
33	Exclusive J/Î¨ vector-meson production in high-energy nuclear collisions. Nuclear Physics A, 2014, 932, 274-279.	1.5	1
34	JIMWLK and beyond: From concepts to observables. EPJ Web of Conferences, 2016, 112, 02016.	0.3	0
35	A simple counting argument of the irreducible representations of $$mathsf {SU}(N)$$ on mixed product spaces. Journal of Algebraic Combinatorics, 2019, 50, 281-291.	0.8	0