

Heribert Weigert

List of Publications by Year in descending order

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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	A simple counting argument of the irreducible representations of $\mathfrak{SU}(N)$ on mixed product spaces. Journal of Algebraic Combinatorics, 2019, 50, 281-291.	0.8	0
2	Compact Hermitian Young projection operators. Journal of Mathematical Physics, 2017, 58, .	1.1	16
3	Simplification rules for birdtrack operators. Journal of Mathematical Physics, 2017, 58, .	1.1	8
4	Transition operators. Journal of Mathematical Physics, 2017, 58, .	1.1	12
5	JIMWLK and beyond: From concepts to observables. EPJ Web of Conferences, 2016, 112, 02016.	0.3	0
6	JIMWLK evolution of the odderon. Physical Review D, 2016, 94, .	4.7	22
7	Exclusive J/ψ vector-meson production in high-energy nuclear collisions. Nuclear Physics A, 2014, 932, 274-279.	1.5	1
8	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
9	New observables to test the Color Glass Condensate beyond the large- limit. Nuclear Physics A, 2010, 843, 68-97.	1.5	46
10	Small x evolution in the CGC beyond the total cross section: accommodating diffraction and other restrictions on the final state. , 2009, , .		11
11	Subleading- corrections in non-linear small-x evolution. Nuclear Physics A, 2009, 823, 47-82.	1.5	84
12	Collinear singularities and running coupling corrections to gluon production in CGC. Nuclear Physics A, 2008, 807, 158-189.	1.5	24
13	Quark loop contribution to BFKL evolution: Running coupling and leading- NLO intercept. Nuclear Physics A, 2007, 789, 260-284.	1.5	82
14	Triumvirate of running couplings in small-x evolution. Nuclear Physics A, 2007, 784, 188-226.	1.5	283
15	A compact introduction to evolution at small x and the Color Glass Condensate. Nuclear Physics A, 2007, 783, 165-172.	1.5	4
16	Running coupling and power corrections in non-linear evolution at the high-energy limit. Nuclear Physics A, 2007, 784, 282-340.	1.5	95
17	Extension of the color glass condensate approach to diffractive reactions. Physical Review D, 2006, 73, .	4.7	23
18	Treading on the cut: Semi-inclusive observables at high energy. Physical Review D, 2006, 74, .	4.7	37

#	ARTICLE	IF	CITATIONS
19	Evolution at small x : The color glass condensate. Progress in Particle and Nuclear Physics, 2005, 55, 461-565.	14.4	315
20	Universal features of JIMWLK and BK evolution at small x . Nuclear Physics A, 2004, 739, 183-226.	1.5	145
21	Non-global jet evolution at finite N_c . Nuclear Physics B, 2004, 685, 321-350.	2.5	67
22	Non linear gluon evolution in path-integral form. Nuclear Physics A, 2003, 713, 441-469.	1.5	88
23	Geometric Scaling in Inclusive Reactions and Nonlinear Perturbative QCD. Physical Review Letters, 2003, 90, 222002.	7.8	38
24	Unitarity at small Bjorken x . Nuclear Physics A, 2002, 703, 823-860.	1.5	502
25	Relating different approaches to nonlinear QCD evolution at finite gluon density. Physical Review D, 2000, 62, .	4.7	395
26	Unitarization of gluon distribution in the doubly logarithmic regime at high density. Physical Review D, 1999, 59, .	4.7	264
27	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
28	Wilson renormalization group for low- x physics: Towards the high density regime. Physical Review D, 1998, 59, .	4.7	735
29	Wilson renormalization group for low- x physics: Gluon evolution at finite parton density. Physical Review D, 1998, 59, .	4.7	477
30	Intrinsic glue distribution at very small x . Physical Review D, 1997, 55, 5414-5428.	4.7	564
31	The BFKL equation from the Wilson renormalization group. Nuclear Physics B, 1997, 504, 415-431.	2.5	743
32	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
33	Gluon production from non-Abelian Weizsäcker-Williams fields in nucleus-nucleus collisions. Physical Review D, 1995, 52, 6231-6237.	4.7	330
34	A new approach to radial and axial gauges. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 145-154.	1.5	2
35	Kinetic equations for the quark-gluon plasma and their semiclassical expansion. Zeitschrift für Physik C-Particles and Fields, 1991, 50, 195-203.	1.5	16