

Jian Wang

List of Publications by Year in descending order

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44
papers

785
citations

516710

16
h-index

526287

27
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all docs

44
docs citations

44
times ranked

4939
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-x resummation of off-diagonal deep-inelastic parton scattering from d-dimensional refactorization. Journal of High Energy Physics, 2020, 2020, 1.	4.7	21
2	The gluon-fusion production of Higgs boson pair: N3LO QCD corrections and top-quark mass effects. Journal of High Energy Physics, 2020, 2020, 1.	4.7	38
3	Higgs boson pair production via gluon fusion at N3LO in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135292.	4.1	47
4	Leading-logarithmic threshold resummation of Higgs production in gluon fusion at next-to-leading power. Journal of High Energy Physics, 2020, 2020, 1.	4.7	39
5	Momentum-space threshold resummation in tW production at the LHC. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
6	Violation of the Kluberg-Stern-Zuber theorem in SCET. Journal of High Energy Physics, 2019, 2019, 1.	4.7	31
7	Master integrals of a planar double-box family for top-quark pair production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 50-55.	4.1	7
8	Leading-logarithmic threshold resummation of the Drell-Yan process at next-to-leading power. Journal of High Energy Physics, 2019, 2019, 1.	4.7	57
9	Anomalous dimension of subleading-power N-jet operators. Journal of High Energy Physics, 2018, 2018, 1.	4.7	56
10	Anomalous dimension of subleading-power N-jet operators. Part II. Journal of High Energy Physics, 2018, 2018, 1.	4.7	35
11	Three-loop planar master integrals for heavy-to-light form factors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 453-461.	4.1	3
12	Next-to-next-to-leading order N-jettiness soft function for tW production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 397-404.	4.1	8
13	Fully differential Higgs boson pair production in association with a Z boson at next-to-next-to-leading order in QCD. Physical Review D, 2018, 97, .	4.7	5
14	Subleading power N-jet amplitudes and the LBK amplitude in SCET. , 2018, , .		3
15	Fully differential Higgs pair production in association with a W boson at next-to-next-to-leading order in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 265-271.	4.1	19
16	Next-to-next-to-leading order N-jettiness soft function for one massive colored particle production at hadron colliders. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
17	Efficient numerical evaluation of Feynman integrals. Chinese Physics C, 2016, 40, 033103.	3.7	22
18	QCD NLO Prediction on the Dark Matter and Photon Associated Production at the LHC. Springer Theses, 2016, , 47-72.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Search for the Signal of Monotop Production at the Early LHC. Springer Theses, 2016, , 107-129.	0.1	0
20	Resummation Prediction on Top Quark Transverse Momentum Distribution at Large p_T . Springer Theses, 2016, , 73-106.	0.1	0
21	Soft gluon resummation in the signal-background interference process of $gg(\hat{\sigma}^* \hat{h}^* \rightarrow \hat{\sigma}^* ZZ)$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
22	Automatic computations at next-to-leading order in QCD for top-quark flavor-changing neutral processes. Physical Review D, 2015, 91, .	4.7	36
23	Resummation prediction on the jet mass spectrum in one-jet inclusive production at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
24	Determining the masses of invisible particles: Application to Higgs boson invisible decay. Physical Review D, 2014, 89, .	4.7	1
25	Renormalization-group improved predictions for Higgs boson production at large p_T . Physical Review D, 2014, 90, .	4.7	3
26	NNLL momentum-space threshold resummation in direct top quark production at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	4.7	4
27	Phenomenology of an extended Higgs portal inflation model after Planck 2013. European Physical Journal C, 2014, 74, 1.	3.9	8
28	Threshold resummation effects in Higgs boson pair production at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	104
29	Searching for the signal of dark matter and photon associated production at the LHC beyond leading order. Physical Review D, 2013, 87, .	4.7	6
30	Resummation prediction on top quark transverse momentum distribution at large p_T . Physical Review D, 2013, 87, .	4.7	14
31	Updated predictions for graviton and photon associated production at the LHC. Physical Review D, 2012, 86, .	4.7	1
32	Signature of same-sign top pair production mediated by a nonuniversal Z with QCD next-to-leading order accuracy at the LHC. Physical Review D, 2012, 86, .	4.7	2
33	Improved resummation prediction on Higgs boson production at hadron colliders. Physical Review D, 2012, 86, .	4.7	12
34	Search for the signal of monotop production at the early LHC. Physical Review D, 2012, 86, .	4.7	15
35	Constraints on flavor-changing neutral-current H couplings from the signal of H associated production with QCD next-to-leading order accuracy at the LHC. Physical Review D, 2012, 86, .	4.7	18
36	Next-to-leading order QCD effect of W on top quark forward-backward asymmetry. Physical Review D, 2012, 85, .	4.7	10

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37	Precise QCD predictions on top quark pair production mediated by massive color-octet vector boson at hadron colliders. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	7
38	Model-independent analysis of top quark forward-backward asymmetry at the Tevatron up to $O(\hat{1}\pm s^2/\hat{1}^2)$. <i>Physical Review D</i> , 2011, 84, .	4.7	13
39	Factorization and resummation of s-channel single top quark production. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	16
40	One-loop helicity amplitudes for top quark pair production in Randall-Sundrum model. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	6
41	Next-to-leading order QCD predictions for the signal of dark matter and photon associated production at the LHC. <i>Physical Review D</i> , 2011, 84, .	4.7	8
42	Next-to-Leading QCD Effect on the Quark Compositeness Search at the LHC. <i>Physical Review Letters</i> , 2011, 106, 142001.	7.8	24
43	Next-to-leading order QCD predictions for graviton and photon associated production in the large extra dimensions model at the LHC. <i>Physical Review D</i> , 2010, 81, .	4.7	15
44	Analytic two-loop master integrals for tW production at hadron colliders: I. <i>Chinese Physics C</i> , 0, , .	3.7	8