

Haitao Li

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

661
citations

567281

15
h-index

552781

26
g-index

35
all docs

35
docs citations

35
times ranked

4839
citing authors

#	ARTICLE	IF	CITATIONS
1	Threshold resummation effects in Higgs boson pair production at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	104
2	Transverse-Momentum Resummation for Top-Quark Pairs at Hadron Colliders. Physical Review Letters, 2013, 110, 082001.	7.8	64
3	Top quark pair production at small transverse momentum in hadronic collisions. Physical Review D, 2013, 88, .	4.7	47
4	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
5	A framework for second-order parton showers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 59-66.	4.1	46
6	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
7	Inverting the mass hierarchy of jet quenching effects with prompt b-jet substructure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 259-264.	4.1	30
8	Precision QCD Event Shapes at Hadron Colliders: The Transverse Energy-Energy Correlator in the Back-to-Back Limit. Physical Review Letters, 2019, 123, 062001.	7.8	29
9	Soft gluon resummation in the signal-background interference process of $gg(\hat{\alpha}' \hat{h}\hat{\alpha} \rightarrow) \hat{\alpha}' ZZ$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
10	Resummation prediction on Higgs and vector boson associated production with a jet veto at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	4.7	19
11	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
12	Heavy meson tomography of cold nuclear matter at the electron-ion collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136261.	4.1	18
13	Renormalization group improved predictions for $t\bar{t}W^{\pm}$ production at hadron colliders. Physical Review D, 2014, 90, .	4.7	17
14	Inclusive heavy flavor jet production with semi-inclusive jet functions: from proton to heavy-ion collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	17
15	Transverse-energy-energy correlations in deep inelastic scattering. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
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	Jet charge modification in finite QCD matter. Physical Review D, 2020, 101, .	4.7	14
18	Energy-energy correlators in deep inelastic scattering. Physical Review D, 2021, 103, .	4.7	13

#	ARTICLE	IF	CITATIONS
19	Improved resummation prediction on Higgs boson production at hadron colliders. Physical Review D, 2012, 86, .	4.7	12
20	Transverse-momentum resummation for gauge boson pair production at the hadron collider. Physical Review D, 2013, 88, .	4.7	12
21	Nuclear Matter Effects on Jet Production at Electron-Ion Colliders. Physical Review Letters, 2021, 126, 252001.	7.8	12
22	Next-to-next-to-leading order N-jettiness soft function for $t\bar{t}$ production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 397-404.	4.1	8
23	Momentum-space threshold resummation in $t\bar{t}$ production at the LHC. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
24	Heavy flavor jet production and substructure in electron-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 137007.	4.1	7
25	Threshold resummation for the production of a color sextet (antitriplet) scalar at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	6
26	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
27	C_P violating anomalous couplings in W jet production at the LHC. Physical Review D, 2017, 96, .	4.7	4
28	W-boson production in polarized proton-proton collisions at RHIC through next-to-next-to-leading order in perturbative QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136333.	4.1	4
29	Renormalization-group improved predictions for Higgs boson production at large p_T . Physical Review D, 2014, 90, .	4.7	3
30	Signature of same-sign top pair production mediated by a nonuniversal $Z^{\prime 2}$ with QCD next-to-leading order accuracy at the LHC. Physical Review D, 2012, 86, .	4.7	2
31	Transverse momentum resummation for color sextet and antitriplet scalar production at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	2
32	Constraints on Randall-Sundrum model from the events of dijet production with QCD next-to-leading order accuracy at the LHC. Physical Review D, 2015, 91, .	4.7	1
33	Jet charge in heavy-ion collisions. EPJ Web of Conferences, 2020, 235, 05004.	0.3	0
34	Fully Differential Higgs Pair Production in Association With a Vector Boson at NNLO in QCD. , 2018, , .		0
35	Nuclear matter effects on jet production at electron-ion colliders. SciPost Physics Proceedings, 2022, , .	0.4	0