

# Ding Yu Shao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4652014/publications.pdf>

Version: 2024-02-01

33  
papers

767  
citations

516710

16  
h-index

501196

28  
g-index

34  
all docs

34  
docs citations

34  
times ranked

4759  
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	Effective Field Theory for Jet Processes. Physical Review Letters, 2016, 116, 192001.	7.8	89
3	Transverse-Momentum Resummation for Top-Quark Pairs at Hadron Colliders. Physical Review Letters, 2013, 110, 082001.	7.8	64
4	Factorization and resummation for jet processes. Journal of High Energy Physics, 2016, 2016, 1.	4.7	53
5	Top quark pair production at small transverse momentum in hadronic collisions. Physical Review D, 2013, 88, .	4.7	47
6	Resummation of boson-jet correlation at hadron colliders. Journal of High Energy Physics, 2019, 2019, 1.	4.7	31
7	Non-global logarithms in jet and isolation cone cross sections. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
8	Jet Charge: A Flavor Prism for Spin Asymmetries at the Electron-Ion Collider. Physical Review Letters, 2020, 125, 242003.	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	Recoil-free azimuthal angle for precision boson-jet correlation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136124.	4.1	25
11	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
12	QCD resummation on single hadron transverse momentum distribution with the thrust axis. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
13	Constraints on flavor-changing neutral-current $H_t$ 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
14	Factorization for the light-jet mass and hemisphere soft function. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
15	Non-global and rapidity logarithms in narrow jet broadening. Journal of High Energy Physics, 2017, 2017, 1.	4.7	18
16	NLL $\epsilon^2$ resummation of jet mass. Journal of High Energy Physics, 2019, 2019, 1.	4.7	17
17	Search for the signal of monotop production at the early LHC. Physical Review D, 2012, 86, .	4.7	15
18	Spin asymmetries in electron-jet production at the future electron ion collider. Journal of High Energy Physics, 2021, 2021, 1.	4.7	15

#	ARTICLE	IF	CITATIONS
19	Model-independent analysis of top quark forward-backward asymmetry at the Tevatron up to $\mathcal{O}(\hat{s}^2/\hat{t}^2)$ . Physical Review D, 2011, 84, .	4.7	13
20	Transverse $\hat{t}$ polarization in $e^+e^-$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136371.	4.1	13
21	Transverse-momentum resummation for gauge boson pair production at the hadron collider. Physical Review D, 2013, 88, .	4.7	12
22	Resummation of Super-Leading Logarithms. Physical Review Letters, 2021, 127, 212002.	7.8	12
23	The Sivers asymmetry in hadronic dijet production. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
24	Next-to-leading order QCD effect of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\epsilon}^2 \langle \text{mml:mo} \rangle \langle \text{mml:msup} \langle \text{mml:math} \rangle \text{on top quark forward-backward asymmetry. Physical Review D, 2012, 85, .$	4.7	10
25	QCD evolution of the gluon Sivers function in heavy flavor dijet production at the Electron-Ion Collider. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
26	Next-to-leading order QCD predictions for the signal of dark matter and photon associated production at the LHC. Physical Review D, 2011, 84, .	4.7	8
27	Phenomenology of an extended Higgs portal inflation model after Planck 2013. European Physical Journal C, 2014, 74, 1.	3.9	8
28	Precise QCD predictions on top quark pair production mediated by massive color-octet vector boson at hadron colliders. European Physical Journal C, 2012, 72, 1.	3.9	7
29	Threshold resummation for $W\hat{A}\pm$ and $ZZ$ pair production at the LHC. Physical Review D, 2014, 90, .	4.7	7
30	Momentum-space threshold resummation in $tW$ production at the LHC. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
31	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
32	Next-to-leading order QCD predictions for $A0\hat{t}^3$ associated production at the CERN Large Hadron Collider. Physical Review D, 2011, 83, .	4.7	0
33	Resummation of the Sivers asymmetry in heavy flavor dijet production at the Electron-Ion Collider. SciPost Physics Proceedings, 2022, , .	0.4	0