

# Tie-Jiun Hou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4820029/publications.pdf>

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14  
papers

1,581  
citations

1040056

9  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

5963  
citing authors

#	ARTICLE	IF	CITATIONS
1	New parton distribution functions from a global analysis of quantum chromodynamics. Physical Review D, 2016, 93, .	4.7	901
2	New CTEQ global analysis of quantum chromodynamics with high-precision data from the LHC. Physical Review D, 2021, 103, .	4.7	298
3	Electron-ion collider in China. Frontiers of Physics, 2021, 16, 1.	5.0	208
4	CT14 intrinsic charm parton distribution functions from CTEQ-TEA global analysis. Journal of High Energy Physics, 2018, 2018, 1.	4.7	51
5	Reconstruction of Monte Carlo replicas from Hessian parton distributions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	30
6	CTEQ-TEA parton distribution functions and HERA Run I and II combined data. Physical Review D, 2017, 95, .	4.7	29
7	Updating and optimizing error parton distribution function sets in the Hessian approach. II.. Physical Review D, 2019, 100, .	4.7	20
8	Photon PDF within the CT18 global analysis. Physical Review D, 2022, 105, .	4.7	12
9	Reduction of PDF uncertainty in the measurement of the weak mixing angle at the ATLAS experiment *. Chinese Physics C, 2021, 45, 053001.	3.7	9
10	Determining the helicity structure of the nucleon at the Electron Ion Collider in China. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
11	NNLO constraints on proton PDFs from the SeaQuest and STAR experiments and other developments in the CTEQ-TEA global analysis. SciPost Physics Proceedings, 2022, , .	0.4	6
12	Impact of LHCb 13 TeV W and Z pseudo-data on the parton distribution functions. Chinese Physics C, 2021, 45, 023110.	3.7	5
13	Reduction of the electroweak correlation in the PDF updating by using the forwardâ€“backward asymmetry of Drellâ€“Yan process. European Physical Journal C, 2022, 82, .	3.9	3
14	The photon content of the proton in the CT18 global analysis. SciPost Physics Proceedings, 2022, , .	0.4	0