

# Giancarlo Ferrera

## List of Publications by Year in descending order

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32  
papers

2,302  
citations

279798

23  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

5636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vector Boson Production at Hadron Colliders: A Fully Exclusive QCD Calculation at Next-to-Next-to-Leading Order. Physical Review Letters, 2009, 103, 082001.	7.8	530
2	Associated Higgs- $W$ -Boson Production at Hadron Colliders: A Fully Exclusive QCD Calculation at NNLO. Physical Review Letters, 2011, 107, 152003.	7.8	183
3	Diphoton Production at Hadron Colliders: A Fully Differential QCD Calculation at Next-to-Next-to-Leading Order. Physical Review Letters, 2012, 108, 072001.	7.8	183
4	Transverse-momentum resummation: Higgs boson production at the Tevatron and the LHC. Journal of High Energy Physics, 2011, 2011, 1.	4.7	152
5	Production of Drell-Yan lepton pairs in hadron collisions: Transverse-momentum resummation at next-to-next-to-leading logarithmic accuracy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 207-213.	4.1	130
6	Universality of transverse-momentum resummation and hard factors at the NNLO. Nuclear Physics B, 2014, 881, 414-443.	2.5	130
7	Vector-boson production at hadron colliders: hard-collinear coefficients at the NNLO. European Physical Journal C, 2012, 72, 1.	3.9	113
8	Associated ZH production at hadron colliders: The fully differential NNLO QCD calculation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 51-55.	4.1	93
9	Threshold resummation at N3LL accuracy and soft-virtual cross sections at N3LO. Nuclear Physics B, 2014, 888, 75-91.	2.5	84
10	Higgs boson production at the LHC: transverse momentum resummation effects in the $H \rightarrow \tau^+ \tau^-$ , $H \rightarrow WW \rightarrow \ell^+ \ell^- \nu \bar{\nu}$ and $H \rightarrow ZZ \rightarrow 4\ell$ decay modes. Journal of High Energy Physics, 2012, 2012, 1.	4.7	79
11	W boson production at hadron colliders: the lepton charge asymmetry in NNLO QCD. Journal of High Energy Physics, 2010, 2010, 1.	4.7	72
12	Transverse-momentum resummation: A perturbative study of Z production at the Tevatron. Nuclear Physics B, 2009, 815, 174-197.	2.5	68
13	Higher-order QCD effects for associated WH production and decay at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	4.7	49
14	Associated production of a Higgs boson decaying into bottom quarks at the LHC in full NNLO QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 346-351.	4.1	42
15	Inclusive measure of $ V_{ub} $ with the analytic coupling model. European Physical Journal C, 2009, 59, 831-840.	3.9	41
16	Drell-Yan lepton-pair production: $qT$ resummation at $N^3LL$ accuracy and fiducial cross sections at $N^3LO$ . Physical Review D, 2021, 104, .	4.7	40
17	Semi-inclusive B decays and a model for soft-gluon effects. Nuclear Physics B, 2007, 768, 85-115.	2.5	39
18	Vector boson production at hadron colliders: transverse-momentum resummation and leptonic decay. Journal of High Energy Physics, 2015, 2015, 1-47.	4.7	38

#	ARTICLE	IF	CITATIONS
19	Diphoton production at the LHC: a QCD study up to NNLO. Journal of High Energy Physics, 2018, 2018, 1.	4.7	35
20	DYTurbo: fast predictions for Drell-Yan processes. European Physical Journal C, 2020, 80, 1.	3.9	31
21	Triple Higgs boson production in the linear collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 297-307.	4.1	29
22	Combining QED and QCD transverse-momentum resummation for Z boson production at hadron colliders. Journal of High Energy Physics, 2018, 2018, 1.	4.7	28
23	Threshold resummed spectra in $B \rightarrow X u \ell \bar{\nu}_\ell$ decays in NLO. I. Physical Review D, 2006, 74, .	4.7	25
24	Transverse-momentum resummation for Higgs boson pair production at the LHC with top-quark mass effects. Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
25	Threshold resummed spectra in $B \rightarrow X u \ell \bar{\nu}_\ell$ decays in NLO. II. Physical Review D, 2006, 74, .	4.7	18
26	Threshold resummed spectra in $B \rightarrow X u \ell \bar{\nu}_\ell$ decays in NLO. III. Physical Review D, 2006, 74, .	4.7	18
27	Modelling non-perturbative corrections to bottom-quark fragmentation. Nuclear Physics B, 2007, 775, 162-201.	2.5	14
28	Charm-quark fragmentation with an effective coupling constant. Journal of High Energy Physics, 2007, 2007, 029-029.	4.7	11
29	Fiducial perturbative power corrections within the $\mathbf{q}_T$ subtraction formalism. European Physical Journal C, 2022, 82, .	3.9	7
30	Higgs boson production at the LHC: fast and precise predictions in QCD at higher orders. European Physical Journal C, 2022, 82, .	3.9	1
31	Precise Perturbative QCD Predictions for Large Hadron Collider Physics. , 2018, , 273-279.		0
32	$ V_{ub} $ from Inclusive B Decays and the Analytic Coupling Model. , 2008, , 159-164.		0