

Paolo Torrielli

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

5,668
citations

430442

18
h-index

676716

22
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22
all docs

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docs citations

22
times ranked

6948
citing authors

#	ARTICLE	IF	CITATIONS
1	The automated computation of tree-level and next-to-leading order differential cross sections, and their matching to parton shower simulations. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	4,318
2	Higgs pair production at the LHC with NLO and parton-shower effects. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 732, 142-149.	1.5	161
3	A framework for Higgs characterisation. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	154
4	Single-top t-channel hadroproduction in the four-flavour scheme with POWHEG and aMC@NLO. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	141
5	Scalar and pseudoscalar Higgs production in association with a top-antitop pair. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 701, 427-433.	1.5	113
6	Four-lepton production at hadron colliders: aMC@NLO predictions with theoretical uncertainties. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	105
7	Fiducial distributions in Higgs and Drell-Yan production at N3LL+NNLO. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	84
8	Momentum-space resummation for transverse observables and the Higgs p_T at N3LL+NNLO. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	76
9	Higgs Transverse-Momentum Resummation in Direct Space. <i>Physical Review Letters</i> , 2016, 116, 242001.	2.9	74
10	Higgs production in association with bottom quarks. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	73
11	NLO QCD corrections in Herwig++ with MC@NLO. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	68
12	W and $Z\hat{\nu}\hat{\nu}$ boson production in association with a bottom-antibottom pair. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	52
13	Matching NLO QCD computations with PYTHIA using MC@NLO. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	51
14	Off-shell single-top production at NLO matched to parton showers. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	42
15	Higgs Transverse Momentum with a Jet Veto: A Double-Differential Resummation. <i>Physical Review Letters</i> , 2020, 124, 252001.	2.9	30
16	aMC@NLO predictions for Wjj production at the Tevatron. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	27
17	Third-Order Fiducial Predictions for Drell-Yan Production at the LHC. <i>Physical Review Letters</i> , 2022, 128, .	2.9	26
18	Diphoton production in the ADD model to NLO + parton shower accuracy at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	19

#	ARTICLE	IF	CITATIONS
19	Fiducial Higgs and Drell-Yan distributions at N ³ LL+NNLO with RadISH. Journal of High Energy Physics, 2021, 2021, 1.	1.6	16
20	The Z ⁰ transverse-momentum spectrum at NNLO+N ³ LL. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135718.	1.5	15
21	Higgs production through vector-boson fusion at the NLO matched with parton showers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 273-282.	1.5	12
22	A study of multi-jet production in association with an electroweak vector boson. Journal of High Energy Physics, 2016, 2016, 1.	1.6	11