

Massimiliano Grazzini

List of Publications by Year in descending order

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72
papers

6,868
citations

57758

44
h-index

82547

72
g-index

75
all docs

75
docs citations

75
times ranked

6184
citing authors

#	ARTICLE	IF	CITATIONS
1	Transverse-momentum resummation for boson plus jet production at hadron colliders. <i>European Physical Journal C</i> , 2022, 82, 27.	3.9	8
2	Mixed Strong-Electroweak Corrections to the Drell-Yan Process. <i>Physical Review Letters</i> , 2022, 128, 012002.	7.8	30
3	Effective transverse momentum in multiple jet production at hadron colliders. <i>Physical Review D</i> , 2022, 106, .	4.7	3
4	Bottom-quark production at hadron colliders: fully differential predictions in NNLO QCD. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	42
5	$t\bar{t}H$ production at NNLO: the flavour off-diagonal channels. <i>European Physical Journal C</i> , 2021, 81, 491.	3.9	14
6	Mixed QCD-electroweak corrections to $p\bar{p} \rightarrow t\bar{t}l\bar{l}$ at the LHC. <i>Physical Review D</i> , 2021, 103, .	4.7	18
7	Four lepton production in gluon fusion: Off-shell Higgs effects in NLO QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 819, 136465.	4.1	9
8	Sensitivity to BSM effects in the Higgs p_T spectrum within SMEFT. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	7
9	Top-quark pair hadroproduction at NNLO: differential predictions with the $\overline{\text{MS}}$ mass. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	23
10	$W+W\bar{\nu}$ production at the LHC: NLO QCD corrections to the loop-induced gluon fusion channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 804, 135399.	4.1	18
11	DYTurbo: fast predictions for Drell-Yan processes. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	31
12	The q_T subtraction method: electroweak corrections and power suppressed contributions. <i>European Physical Journal C</i> , 2020, 80, 254.	3.9	27
13	ZZ production at the LHC: NLO QCD corrections to the loop-induced gluon fusion channel. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	28
14	Top-quark pair hadroproduction at next-to-next-to-leading order in QCD. <i>Physical Review D</i> , 2019, 99, .	4.7	65
15	Top-quark pair production at the LHC: fully differential QCD predictions at NNLO. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	82
16	Soft-gluon effective coupling and cusp anomalous dimension. <i>European Physical Journal C</i> , 2019, 79, 685.	3.9	18
17	Transverse-momentum resummation for top-quark pair production at the LHC. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	12
18	Higgs boson production at large transverse momentum within the SMEFT: analytical results. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	9

#	ARTICLE	IF	CITATIONS
19	Fully differential NNLO computations with MATRIX. European Physical Journal C, 2018, 78, 1.	3.9	178
20	Diphoton production at the LHC: a QCD study up to NNLO. Journal of High Energy Physics, 2018, 2018, 1.	4.7	35
21	Modeling BSM effects on the Higgs transverse-momentum spectrum in an EFT approach. Journal of High Energy Physics, 2017, 2017, 1.	4.7	35
22	Azimuthal asymmetries in QCD hard scattering: infrared safe but divergent. Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
23	$W \hat{\pm} Z$ production at the LHC: fiducial cross sections and distributions in NNLO QCD. Journal of High Energy Physics, 2017, 2017, 1.	4.7	54
24	Effective Field Theory in quest to parametrise Higgs properties: the transverse momentum spectrum case. Journal of Physics: Conference Series, 2017, 873, 012050.	0.4	2
25	$W \hat{\pm} Z$ production at hadron colliders in NNLO QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 179-183.	4.1	112
26	$W + W \hat{\nu}$ production at the LHC: fiducial cross sections and distributions in NNLO QCD. Journal of High Energy Physics, 2016, 2016, 1.	4.7	69
27	Differential Higgs boson pair production at next-to-next-to-leading order in QCD. Journal of High Energy Physics, 2016, 2016, 1.	4.7	76
28	Vector boson production at hadron colliders: transverse-momentum resummation and leptonic decay. Journal of High Energy Physics, 2015, 2015, 1-47.	4.7	38
29	ZZ production at the LHC: Fiducial cross sections and distributions in NNLO QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 407-410.	4.1	114
30	$W \hat{3}$ and $Z \hat{3}$ production at the LHC in NNLO QCD. Journal of High Energy Physics, 2015, 2015, 1.	4.7	63
31	Transverse-momentum resummation for vector-boson pair production at NNLL+NNLO. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
32	The q_T subtraction method for top-quark production at hadron colliders. European Physical Journal C, 2015, 75, 1.	3.9	61
33	Transverse-momentum resummation for heavy-quark hadroproduction. Nuclear Physics B, 2015, 890, 518-538.	2.5	53
34	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
35	Threshold resummation at N3LL accuracy and soft-virtual cross sections at N3LO. Nuclear Physics B, 2014, 888, 75-91.	2.5	84
36	Universality of transverse-momentum resummation and hard factors at the NNLO. Nuclear Physics B, 2014, 881, 414-443.	2.5	130

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37	Higher-order QCD effects for associated WH production and decay at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	4.7	49
38	Resummation of the transverse-energy distribution in Higgs boson production at the Large Hadron Collider. Journal of High Energy Physics, 2014, 2014, 1.	4.7	5
39	$Z\bar{1}^3$ production at hadron colliders in NNLO QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 204-207.	4.1	93
40	Vector boson pair production at NNLO. , 2014, , .		3
41	Heavy-quark mass effects in Higgs boson production at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	115
42	Soft-gluon resummation for single-particle inclusive hadroproduction at high transverse momentum. Nuclear Physics B, 2013, 874, 720-745.	2.5	20
43	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
44	Higgs boson production at the LHC: transverse momentum resummation effects in the $H \rightarrow \tau^+ \tau^-$, $H \rightarrow WW$ and $H \rightarrow ZZ$ decay modes. Journal of High Energy Physics, 2012, 2012, 1.	4.7	79
45	Higgs boson production at hadron colliders: hard-collinear coefficients at the NNLO. European Physical Journal C, 2012, 72, 1.	3.9	52
46	Vector-boson production at hadron colliders: hard-collinear coefficients at the NNLO. European Physical Journal C, 2012, 72, 1.	3.9	113
47	Higgs production at the LHC: Updated cross sections at $\sqrt{s} = 8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 117-120.		
48	Higgs boson production at hadron colliders: hard-collinear coefficients at the NNLO. , 2012, 72, 1.		3
49	Associated Higgs- W -Boson Production at Hadron Colliders: A Fully Exclusive QCD Calculation at NNLO. Physical Review Letters, 2011, 107, 152003.	7.8	183
50	QCD transverse-momentum resummation in gluon fusion processes. Nuclear Physics B, 2011, 845, 297-323.	2.5	125
51	Transverse-momentum resummation: Higgs boson production at the Tevatron and the LHC. Journal of High Energy Physics, 2011, 2011, 1.	4.7	152
52	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
53	W boson production at hadron colliders: the lepton charge asymmetry in NNLO QCD. Journal of High Energy Physics, 2010, 2010, 1.	4.7	72
54	Higgs production through gluon fusion: Updated cross sections at the Tevatron and the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 291-294.	4.1	161

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55	Transverse-momentum resummation: A perturbative study of Z production at the Tevatron. Nuclear Physics B, 2009, 815, 174-197.	2.5	68
56	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
57	Higher-order QCD effects in the Higgs to ZZ search channel at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 353-359.	4.1	13
58	Higgs boson production at the LHC: Transverse-momentum resummation and rapidity dependence. Nuclear Physics B, 2008, 791, 1-19.	2.5	63
59	NNLO predictions for the Higgs boson signal in the $H \rightarrow WW$ and $H \rightarrow ZZ$ decay channels. Journal of High Energy Physics, 2008, 2008, 043-043.	4.7	180
60	Next-to-Next-to-Leading-Order Subtraction Formalism in Hadron Collisions and its Application to Higgs-Boson Production at the Large Hadron Collider. Physical Review Letters, 2007, 98, 222002.	7.8	641
61	Transverse-momentum resummation and the spectrum of the Higgs boson at the LHC. Nuclear Physics B, 2006, 737, 73-120.	2.5	335
62	Soft-gluon effects in WW production at hadron colliders. Journal of High Energy Physics, 2006, 2006, 095-095.	4.7	35
63	The back-to-back region in energy-energy correlation. Nuclear Physics B, 2005, 704, 387-403.	2.5	51
64	Soft-gluon resummation for Higgs boson production at hadron colliders. Journal of High Energy Physics, 2003, 2003, 028-028.	4.7	411
65	Direct Higgs production and jet veto at the Tevatron and the LHC in NNLO QCD. Journal of High Energy Physics, 2002, 2002, 015-015.	4.7	77
66	Universality of non-leading logarithmic contributions in transverse-momentum distributions. Nuclear Physics B, 2001, 596, 299-312.	2.5	198
67	The structure of large logarithmic corrections at small transverse momentum in hadronic collisions. Nuclear Physics B, 2001, 616, 247-285.	2.5	144
68	Higgs production in hadron collisions: soft and virtual QCD corrections at NNLO. Journal of High Energy Physics, 2001, 2001, 025-025.	4.7	206
69	Next-to-Next-to-Leading-Order Logarithmic Corrections at Small Transverse Momentum in Hadronic Collisions. Physical Review Letters, 2000, 85, 4678-4681.	7.8	139
70	The soft-gluon current at one-loop order. Nuclear Physics B, 2000, 591, 435-454.	2.5	169
71	Infrared factorization of tree-level QCD amplitudes at the next-to-next-to-leading order and beyond. Nuclear Physics B, 2000, 570, 287-325.	2.5	238
72	Diphoton Production at Hadron Colliders: A Fully Differential QCD Calculation at Next-to-Next-to-Leading Order. , 0, .		2