

Daniel de Florian

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4178723/daniel-de-florian-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers

20,292
citations

44
h-index

135
g-index

135
ext. papers

22,518
ext. citations

4.7
avg, IF

8.28
L-index

#	Paper	IF	Citations
122	Inclusive-jet and dijet production in polarized deep inelastic scattering. <i>Physical Review D</i> , 2021 , 103,	4.9	1
121	Anomalous couplings in Higgs-boson pair production at approximate NNLO QCD. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
120	DYTurbo: fast predictions for Drell-Yan processes. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	11
119	Mixed QCD/QED corrections to exclusive Drell Yan production using the qT-subtraction method. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	17
118	Jet Production in Polarized Deep Inelastic Scattering at Next-to-Next-to-Leading Order. <i>Physical Review Letters</i> , 2020 , 125, 082001	7.4	8
117	Triple Higgs production at hadron colliders at NNLO in QCD. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	10
116	Soft-gluon effective coupling and cusp anomalous dimension. <i>European Physical Journal C</i> , 2019 , 79, 685	4.2	10
115	Spin budget of the proton at NNLO and beyond. <i>Physical Review D</i> , 2019 , 99,	4.9	6
114	Monte Carlo sampling variant of the DSSV14 set of helicity parton densities. <i>Physical Review D</i> , 2019 , 100,	4.9	13
113	Diphoton production at the LHC: a QCD study up to NNLO. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	27
112	Review of Particle Physics*. <i>Physical Review D</i> , 2018 , 98,	4.9	4401
111	Soft gluon resummation for Higgs boson pair production including finite M_t effects. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	12
110	QCD/QED NNLO corrections to Drell-Yan production. <i>Physical Review D</i> , 2018 , 98,	4.9	28
109	Global extraction of the parton-to-kaon fragmentation functions at NLO in QCD. <i>Journal of Physics: Conference Series</i> , 2017 , 912, 012043	0.3	
108	Transverse-momentum resummation for the signal-background interference in the H-channel at the LHC. <i>Physical Review D</i> , 2017 , 96,	4.9	2
107	Towards semi-inclusive deep inelastic scattering at next-to-next-to-leading order. <i>Physical Review D</i> , 2017 , 95,	4.9	3
106	Parton-to-kaon fragmentation revisited. <i>Physical Review D</i> , 2017 , 95,	4.9	40

105	Two-loop corrections to the triple Higgs boson production cross section. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	10
104	Precision studies of observables in $(p p \rightarrow W \rightarrow \nu_l)$ and $(p p \rightarrow \gamma, Z \rightarrow l^+ l^-)$ processes at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	38
103	Higgs boson pair production at NNLO in QCD including dimension 6 operators. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	16
102	Transversely polarized Drell-Yan asymmetry ATT at NLO. <i>Physical Review D</i> , 2017 , 96,	4.9	1
101	Review of Particle Physics. <i>Chinese Physics C</i> , 2016 , 40, 100001	2.2	3442
100	Differential Higgs boson pair production at next-to-next-to-leading order in QCD. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	69
99	Global extraction of the parton-to-pion fragmentation functions at NLO accuracy in QCD. <i>Journal of Physics: Conference Series</i> , 2016 , 761, 012037	0.3	
98	Two-loop QED corrections to the Altarelli-Parisi splitting functions. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	22
97	QED corrections to the Altarelli-Parisi splitting functions. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	40
96	Interference effects in the $H \rightarrow B^2$ jets channel at LHC. <i>Nuclear and Particle Physics Proceedings</i> , 2015 , 258-259, 253-256	0.4	
95	Polarized triple-collinear splitting functions at NLO for processes with photons. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	6
94	Vector boson production at hadron colliders: transverse-momentum resummation and leptonic decay. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1-47	5.4	25
93	Interference effects in the $H \rightarrow B^2$ jets channel at the LHC. <i>Physical Review D</i> , 2015 , 92,	4.9	7
92	Diphoton production at hadron colliders: transverse-momentum resummation at next-to-next-to-leading logarithmic accuracy. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	17
91	Higgs pair production at next-to-next-to-leading logarithmic accuracy at the LHC. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	74
90	Parton-to-pion fragmentation reloaded. <i>Physical Review D</i> , 2015 , 91,	4.9	99
89	Quark and gluon spin-2 form factors to two-loops in QCD. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	11
88	Next-to-next-to-leading order QCD corrections in models of TeV-scale gravity. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	9

87	Evidence for polarization of gluons in the proton. <i>Physical Review Letters</i> , 2014 , 113, 012001	7.4	150
86	Extracting the fragmentation functions with global analyses. <i>Journal of Physics: Conference Series</i> , 2014 , 485, 012056	0.3	
85	Approximate Next-to-Next-to-Leading Order Corrections to Hadronic Jet Production. <i>Physical Review Letters</i> , 2014 , 112,	7.4	35
84	Review of Particle Physics. <i>Chinese Physics C</i> , 2014 , 38, 090001	2.2	5549
83	Triple collinear splitting functions at NLO for scattering processes with photons. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	9
82	Threshold resummation at N3LL accuracy and soft-virtual cross sections at N3LO. <i>Nuclear Physics B</i> , 2014 , 888, 75-91	2.8	64
81	Approximate N3LO Higgs-boson production cross section using physical-kernel constraints. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	57
80	Universality of transverse-momentum resummation and hard factors at the NNLO. <i>Nuclear Physics B</i> , 2014 , 881, 414-443	2.8	104
79	Double collinear splitting amplitudes at next-to-leading order. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	14
78	A complete ($\mathcal{O}(\alpha_{\mathrm{S}}^2)$) calculation of the signal-background interference for the Higgs diphoton decay channel. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	14
77	Polarized semi-inclusive electroweak structure functions at next-to-leading-order. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	5
76	Higgs Boson pair production at next-to-next-to-leading order in QCD. <i>Physical Review Letters</i> , 2013 , 111, 201801	7.4	165
75	Two-loop virtual corrections to Higgs pair production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 724, 306-309	4.2	93
74	Soft-gluon resummation for high-pT inclusive-hadron production at COMPASS. <i>Physical Review D</i> , 2013 , 88,	4.9	14
73	QCD spin physics: Partonic spin structure of the nucleon. <i>Progress in Particle and Nuclear Physics</i> , 2012 , 67, 251-259	10.6	24
72	Higgs boson production at the LHC: transverse momentum resummation effects in the $H \rightarrow \gamma\gamma$ and $H \rightarrow ZZ \rightarrow 4\ell$ decay modes. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	74
71	A next-to-next-to-leading order calculation of soft-virtual cross sections. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	29
70	Global analysis of nuclear parton distributions. <i>Physical Review D</i> , 2012 , 85,	4.9	156

69	Vector-boson production at hadron colliders: hard-collinear coefficients at the NNLO. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	88
68	Higgs production at the LHC: Updated cross sections at $s=8$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 718, 117-120	4.2	43
67	Space-like (vs. time-like) collinear limits in QCD: is factorization violated?. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	67
66	Diphoton production at hadron colliders: a fully differential QCD calculation at next-to-next-to-leading order. <i>Physical Review Letters</i> , 2012 , 108, 072001	7.4	153
65	Transverse-momentum resummation: Higgs boson production at the Tevatron and the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	126
64	Production of Drell-Yan lepton pairs in hadron collisions: Transverse-momentum resummation at next-to-next-to-leading logarithmic accuracy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 696, 207-213	4.2	119
63	Hadron plus photon production in polarized hadronic collisions at next-to-leading order accuracy. <i>Physical Review D</i> , 2011 , 83,	4.9	4
62	Helicity parton distributions from spin asymmetries in W-boson production at RHIC. <i>Physical Review D</i> , 2010 , 81,	4.9	33
61	Single-inclusive jet production in polarized pp collisions at RHIC to next-to-leading logarithmic accuracy. <i>European Physical Journal C</i> , 2010 , 67, 367-375	4.2	
60	Higgs production through gluon fusion: Updated cross sections at the Tevatron and the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 674, 291-294	4.2	150
59	Extraction of spin-dependent parton densities and their uncertainties. <i>Physical Review D</i> , 2009 , 80,	4.9	245
58	Transverse-momentum resummation: A perturbative study of Z production at the Tevatron. <i>Nuclear Physics B</i> , 2009 , 815, 174-197	2.8	58
57	Vector boson production at hadron colliders: a fully exclusive QCD calculation at next-to-next-to-leading order. <i>Physical Review Letters</i> , 2009 , 103, 082001	7.4	442
56	Next-to-leading order QCD corrections to hadron+jet production in pp collisions at RHIC. <i>Physical Review D</i> , 2009 , 79,	4.9	10
55	Global analysis of helicity parton densities and their uncertainties. <i>Physical Review Letters</i> , 2008 , 101, 072001	7.4	181
54	Higgs boson production at the LHC: Transverse-momentum resummation and rapidity dependence. <i>Nuclear Physics B</i> , 2008 , 791, 1-19	2.8	57
53	Single-inclusive hadron production in transversely polarized pp and p <p> collisions with threshold resummation. <i>Physical Review D</i>, 2008, 78,</p>	4.9	2
52	Fragmentation functions for pions, kaons, protons and charged hadrons. <i>Journal of Physics: Conference Series</i> , 2008 , 110, 022045	0.3	1

51	Soft-gluon resummation for pseudoscalar Higgs boson production at hadron colliders. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 659, 813-820	4.2	12
50	Global analysis of fragmentation functions for pions and kaons and their uncertainties. <i>Physical Review D</i> , 2007 , 75,	4.9	372
49	Resummed cross section for jet production at hadron colliders. <i>Physical Review D</i> , 2007 , 76,	4.9	32
48	Global analysis of fragmentation functions for protons and charged hadrons. <i>Physical Review D</i> , 2007 , 76,	4.9	135
47	Single-inclusive hadron production in polarized pp scattering at next-to-leading logarithmic accuracy. <i>Physical Review D</i> , 2007 , 76,	4.9	14
46	Seven parton amplitudes from recursion relations. <i>Journal of High Energy Physics</i> , 2006 , 2006, 073-073	5.4	11
45	Threshold resummation for high-transverse-momentum Higgs production at the LHC. <i>Journal of High Energy Physics</i> , 2006 , 2006, 047-047	5.4	25
44	The last of the seven-parton tree amplitudes. <i>Journal of High Energy Physics</i> , 2006 , 2006, 080-080	5.4	5
43	Transverse-momentum resummation and the spectrum of the Higgs boson at the LHC. <i>Nuclear Physics B</i> , 2006 , 737, 73-120	2.8	275
42	$O(\epsilon^2)$ QCD corrections to the electroproduction of hadrons with high transverse momentum. <i>Physical Review D</i> , 2005 , 71,	4.9	34
41	Threshold resummation for the inclusive-hadron cross section in pp collisions. <i>Physical Review D</i> , 2005 , 71,	4.9	62
40	Sea quark and gluon polarization in the nucleon at NLO accuracy. <i>Physical Review D</i> , 2005 , 71,	4.9	91
39	Threshold resummation for the prompt-photon cross section revisited. <i>Physical Review D</i> , 2005 , 72,	4.9	25
38	The back-to-back region in energy-energy correlation. <i>Nuclear Physics B</i> , 2005 , 704, 387-403	2.8	42
37	Nuclear parton distributions at next to leading order. <i>Physical Review D</i> , 2004 , 69,	4.9	238
36	Perturbative generation of a strange-quark asymmetry in the nucleon. <i>Physical Review Letters</i> , 2004 , 93, 152003	7.4	67
35	Collinear splitting, parton evolution and the strange-quark asymmetry of the nucleon in NNLO QCD. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004 , 135, 188-192		2
34	Two hadron production in $e+e$ annihilation to next-to-leading order accuracy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 578, 139-149	4.2	26

33	The triple collinear limit of one-loop QCD amplitudes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 586, 323-331	4.2	36
32	The qT spectrum of the Higgs boson at the LHC in QCD perturbation theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 564, 65-72	4.2	155
31	Soft-gluon resummation for Higgs boson production at hadron colliders. <i>Journal of High Energy Physics</i> , 2003 , 2003, 028-028	5.4	370
30	Gluon induced contributions to $Z\bar{\nu}$ production at hadron colliders. <i>Physical Review D</i> , 2003 , 67,	4.9	10
29	Next-to-leading order QCD corrections to one-hadron production in polarized pp collisions at BNL RHIC. <i>Physical Review D</i> , 2003 , 67,	4.9	55
28	Gluon induced contributions to WZ and $W\bar{\nu}$ production at NNLO. <i>Physical Review D</i> , 2002 , 65,	4.9	10
27	Direct Higgs production and jet veto at the Tevatron and the LHC in NNLO QCD. <i>Journal of High Energy Physics</i> , 2002 , 2002, 015-015	5.4	75
26	Higgs production in hadron collisions: soft and virtual QCD corrections at NNLO. <i>Journal of High Energy Physics</i> , 2001 , 2001, 025-025	5.4	191
25	Universality of non-leading logarithmic contributions in transverse-momentum distributions. <i>Nuclear Physics B</i> , 2001 , 596, 299-312	2.8	157
24	The structure of large logarithmic corrections at small transverse momentum in hadronic collisions. <i>Nuclear Physics B</i> , 2001 , 616, 247-285	2.8	122
23	($W\gamma$) and ($Z\gamma$) production at hadron colliders. <i>European Physical Journal C</i> , 2000 , 16, 105-114	4.2	34
22	Inclusive and semi-inclusive polarized DIS data revisited. <i>Physical Review D</i> , 2000 , 62,	4.9	46
21	Next-to-next-to-leading-order logarithmic corrections at small transverse momentum in hadronic collisions. <i>Physical Review Letters</i> , 2000 , 85, 4678-81	7.4	117
20	Higgs Production with Large Transverse Momentum in Hadronic Collisions at Next-to-Leading Order. <i>Physical Review Letters</i> , 1999 , 82, 5209-5212	7.4	143
19	Jet cross sections in polarized photon-hadron collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 457, 236-244	4.2	30
18	Two photons plus jet at LHC: the NNLO contribution from the gg initiated process. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 460, 184-188	4.2	37
17	Jet production with polarized beams at next-to-leading order. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999 , 79, 605-607		
16	Next-to-leading order jet cross sections in polarized hadronic collisions. <i>Nuclear Physics B</i> , 1999 , 539, 455-476	2.8	39

15	Bounds on transverse spin asymmetries for Λ baryon production in pp collisions at BNL RHIC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 439, 176-182	4.2	19
14	Polarized Λ baryon Production in pp Collisions. <i>Physical Review Letters</i> , 1998 , 81, 530-533	7.4	50
13	Next-to-leading order QCD corrections to inclusive-hadron photoproduction in polarized lepton-proton collisions. <i>Physical Review D</i> , 1998 , 57, 4376-4384	4.9	16
12	QCD analysis of unpolarized and polarized Λ baryon production in leading and next-to-leading order. <i>Physical Review D</i> , 1998 , 57, 5811-5824	4.9	117
11	Next-to-leading order analysis of inclusive and semi-inclusive polarized data. <i>Physical Review D</i> , 1998 , 57, 5803-5810	4.9	43
10	Phenomenology of forward hadrons in deep inelastic scattering: Fracture functions and its Q^2 evolution. <i>Physical Review D</i> , 1997 , 56, 426-432	4.9	17
9	Next to leading order QCD corrections to polarized Λ production in DIS. <i>Nuclear Physics B</i> , 1997 , 488, 367-386	2.8	12
8	Photoproduction of jets and the virtual structure of the photon. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 75, 265-270		11
7	Factorization in semi-inclusive polarized deep inelastic scattering. <i>Nuclear Physics B</i> , 1996 , 470, 195-208	2.8	39
6	Next to leading order semi-inclusive spin asymmetries. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 389, 358-366	4.2	12
5	Scale dependence of polarized deep inelastic scattering asymmetries. <i>Physical Review D</i> , 1996 , 53, 73-79	4.9	2
4	Polarized parton distributions. <i>Physical Review D</i> , 1995 , 51, 37-43	4.9	7
3	$O(\alpha_s)$ spin-dependent weak structure functions. <i>Physical Review D</i> , 1995 , 51, 6052-6058	4.9	18
2	Excess pions in Drell-Yan and deep inelastic scattering experiments. <i>Zeitschrift für Physik A</i> , 1994 , 350, 55-59		5
1	Spin-dependent quark and gluon distributions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 319, 285-290	4.2	6