

Ansgar Denner

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,566
citations

201674

27
h-index

214800

47
g-index

50
all docs

50
docs citations

50
times ranked

5385
citing authors

#	ARTICLE	IF	CITATIONS
1	Vector boson scattering processes: Status and prospects. <i>Reviews in Physics</i> , 2022, 8, 100071.	8.9	8
2	NLO QCD and EW corrections to vector-boson scattering into $W+W\tilde{a}^{\sim}$ at the LHC. <i>Journal of High Energy Physics</i> , 2022, 2022, .	4.7	2
3	NLO electroweak and QCD corrections to off-shell $t\bar{t}W$ production at the LHC. <i>SciPost Physics Proceedings</i> , 2022, .	0.4	0
4	NLO QCD predictions for doubly-polarized WZ production at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 814, 136107.	4.1	16
5	Combined NLO EW and QCD corrections to off-shell $\overline{\text{ext}}\{t\}\overline{\text{ext}}\{W\}$ production at the LHC. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	17
6	Full NLO QCD corrections to off-shell $t\bar{t}b$ production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 814, 136107.	4.7	12
7	NLO EW and QCD corrections to polarized ZZ production in the four-charged-lepton channel at the LHC. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	11
8	Full NLO predictions for vector-boson scattering into Z bosons and its irreducible background at the LHC. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	6
9	NLO QCD and EW corrections to vector-boson scattering into ZZ at the LHC. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	17
10	Prophecy4f \hat{A} 3.0: A Monte Carlo program for Higgs-boson decays into four-fermion final states in and beyond the Standard Model. <i>Computer Physics Communications</i> , 2020, 254, 107336.	7.5	19
11	NLO QCD corrections to off-shell $\overline{\text{ext}}\{t\}\overline{\text{ext}}\{W\}^{\text{pm}}$ production at the LHC. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	18
12	Polarized electroweak bosons in $W+W\tilde{a}^{\sim}$ production at the LHC including NLO QCD effects. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	20
13	Electroweak radiative corrections for collider physics. <i>Physics Reports</i> , 2020, 864, 1-163.	25.6	100
14	Fixed-order and merged parton-shower predictions for WW and WWj production at the LHC including NLO QCD and EW corrections. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	14
15	QCD and electroweak corrections to WZ scattering at the LHC. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	29
16	Low-virtuality photon transitions $t\bar{t}b$ production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 814, 136107.	4.1	15
17	An event generator for same-sign W -boson scattering at the LHC including electroweak corrections. <i>European Physical Journal C</i> , 2019, 79, 788.	3.9	19
18	RECOLA2: REcursive Computation of One-Loop Amplitudes 2. <i>Computer Physics Communications</i> , 2018, 224, 346-361.	7.5	55

#	ARTICLE	IF	CITATIONS
19	Renormalization of mixing angles. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	40
20	Precise predictions for same-sign W-boson scattering at the LHC. <i>European Physical Journal C</i> , 2018, 78, 671.	3.9	42
21	Anomalous triple-gauge-boson interactions in vector-boson pair production with Recola2. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	24
22	Off-shell production of top-antitop pairs in the lepton+jets channel at NLO QCD. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	26
23	RECOLA – Recursive Computation of One-Loop Amplitudes. <i>Computer Physics Communications</i> , 2017, 214, 140-173.	7.5	135
24	Collier: A fortran-based complex one-loop library in extended regularizations. <i>Computer Physics Communications</i> , 2017, 212, 220-238.	7.5	345
25	Large Electroweak Corrections to Vector-Boson Scattering at the Large Hadron Collider. <i>Physical Review Letters</i> , 2017, 118, 261801.	7.8	49
26	NLO electroweak corrections in extended Higgs sectors with RECOLA2. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	25
27	Automation of NLO QCD and EW corrections with Sherpa and Recola. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	35
28	Next-to-leading-order electroweak corrections to the production of four charged leptons at the LHC. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	33
29	Next-to-leading-order electroweak corrections to the production of three charged leptons plus missing energy at the LHC. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	17
30	Complete NLO corrections to $W+W+$ scattering and its irreducible background at the LHC. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	48
31	Higgs production in association with off-shell top-antitop pairs at NLO EW and QCD at the LHC. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	36
32	Gauge-independent $\overline{\text{MS}}$ renormalization in the 2HDM. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	49
33	NLO electroweak corrections to off-shell top-antitop production with leptonic decays at the LHC. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	53
34	NLO QCD and electroweak corrections to $Z + \hat{1}^3$ production with leptonic Z-boson decays. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	31
35	EW and QCD corrections at NLO with Recola. , 2016, , .		0
36	NLO QCD corrections to off-shell top-antitop production with leptonic decays in association with a Higgs boson at the LHC. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	48

#	ARTICLE	IF	CITATIONS
37	The complex-mass scheme and unitarity in perturbative quantum field theory. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	43
38	HAWK 2.0: A Monte Carlo program for Higgs production in vector-boson fusion and Higgs strahlung at hadron colliders. <i>Computer Physics Communications</i> , 2015, 195, 161-171.	7.5	84
39	NLO QCD and electroweak corrections to $W + \hat{t}^3$ production with leptonic W-boson decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	30
40	Electroweak corrections to monojet production at the Tevatron and the LHC. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	40
41	Electroweak corrections to Higgs-strahlung off W/Z bosons at the Tevatron and the LHC with Hawk. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	122
42	Electroweak corrections to dilepton+jet production at hadron colliders. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	86
43	Electroweak corrections to hadronic event shapes and jet production in annihilation. <i>Nuclear Physics B</i> , 2010, 836, 37-90.	2.5	21
44	Electroweak corrections to $W + \text{jet}$ hadroproduction including leptonic W-boson decays. <i>Journal of High Energy Physics</i> , 2009, 2009, 075-075.	4.7	80
45	Radiative corrections to the semileptonic and hadronic Higgs-boson decays $H \rightarrow WW/ZZ + 4 \text{ fermions}$. <i>Journal of High Energy Physics</i> , 2007, 2007, 080-080.	4.7	146
46	Logarithmic electroweak corrections to $e^+e^- \rightarrow \hat{t}^* \hat{t}^* \bar{\nu}_e W^+ W^-$. <i>Journal of High Energy Physics</i> , 2007, 2007, 078-078.	4.7	17
47	Gauge Theories of the Strong and Electroweak Interaction. , 2001, , .		91
48	The fermion-loop scheme for finite-width effects in e^+e^- annihilation into four fermions. <i>Nuclear Physics B</i> , 1997, 500, 255-298.	2.5	80
49	Stable calculations for unstable particles: restoring gauge invariance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 358, 339-346.	4.1	115
50	Application of the background-field method to the electroweak standard model. <i>Nuclear Physics B</i> , 1995, 440, 95-128.	2.5	197