

Nikolaos Kidonakis

List of Publications by Year in descending order

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84
papers

3,664
citations

186265

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128289

60
g-index

84
all docs

84
docs citations

84
times ranked

5275
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-loop soft anomalous dimensions in QCD. SciPost Physics Proceedings, 2022, , .	0.4	0
2	Three-loop soft anomalous dimensions for top-quark processes. SciPost Physics Proceedings, 2022, , .	0.4	0
3	Resummation for tqH production. SciPost Physics Proceedings, 2022, , .	0.4	0
4	tW and tZ 's production at hadron colliders. SciPost Physics Proceedings, 2022, , .	0.4	0
5	Higher-order corrections for tW production at high-energy hadron colliders. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
6	Soft-gluon corrections for the associated production of a single top quark and a Higgs boson. Physical Review D, 2021, 104, .	4.7	5
7	Soft Anomalous Dimensions and Resummation in QCD. Universe, 2020, 6, 165.	2.5	8
8	Resummation for $t\bar{t}$ processes in single-particle-inclusive kinematics. Physical Review D, 2020, 102, .	4.7	11
9	Top-quark double-differential distributions at approximate $t\bar{t}$ production via anomalous couplings. Physical Review D, 2020, 101, .	4.7	8
10	tZ 's production at hadron colliders. European Physical Journal C, 2020, 80, 1.	3.9	6
11	Soft anomalous dimensions for single-top production at three loops. Physical Review D, 2019, 99, .	4.7	20
12	Higher-order corrections for tZ production via anomalous couplings. Physical Review D, 2018, 97, .	4.7	12
13	Higher-order radiative corrections for $b\bar{b}\hat{t}H^*W^+$. Physical Review D, 2018, 97, .	4.7	3
14	Total and Differential Cross Sections for Higgs and Top-Quark Production. Universe, 2018, 4, 121.	2.5	1
15	Single-top and top-antitop cross sections. EPJ Web of Conferences, 2018, 192, 00004.	0.3	0
16	Associated production of a top quark with a photon via anomalous couplings. Physical Review D, 2018, 98, .	4.7	7
17	Soft-gluon corrections in top-quark production. International Journal of Modern Physics A, 2018, 33, 1830021.	1.5	15
18	Soft-gluon corrections for tW production at N3LO. Physical Review D, 2017, 96, .	4.7	21

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19	Charged Higgs production with a W boson or a top quark. , 2017, , .		0
20	Three-loop cusp anomalous dimension and a conjecture for n loops. International Journal of Modern Physics A, 2016, 31, 1650076.	1.5	12
21	Single-top transverse-momentum distributions at approximate NNLO. Physical Review D, 2016, 93, .	4.7	14
22	Charged Higgs production in association with a top quark at approximate NNLO. Physical Review D, 2016, 94, .	4.7	10
23	Top quark forward-backward asymmetry at approximate NNLO. Physical Review D, 2015, 91, .	4.7	30
24	NNLO soft-gluon corrections for the top-quark production cross section. Physical Review D, 2015, 91, .	4.7	30
25	NNLO soft-gluon corrections for the top-antitop pair production cross section. Physical Review D, 2014, 90, .	4.7	33
26	Soft-gluon corrections in FCNC top-quark production via anomalous gluon couplings. Physical Review D, 2014, 90, .	4.7	5
27	NNLO soft-gluon corrections for the Z boson and W boson transverse momentum distributions. Physical Review D, 2014, 89, .	4.7	6
28	NNLL threshold resummation for top-pair and single-top production. Physics of Particles and Nuclei, 2014, 45, 714-722.	0.7	69
29	Top-quark transverse-momentum distributions in t-channel single-top production. Physical Review D, 2013, 88, .	4.7	10
30	Higher-order QCD corrections for the W-boson transverse momentum distribution. Physical Review D, 2013, 87, .	4.7	10
31	NNLL resummation for W-boson production at large p_T . , 2013, , .		0
32	Top-quark production and QCD. European Physical Journal C, 2012, 72, 1.	3.9	30
33	Next-to-next-to-leading-order collinear and soft gluon corrections for t-channel single top quark production. Physical Review D, 2011, 83, .	4.7	284
34	Top quark rapidity distribution and forward-backward asymmetry. Physical Review D, 2011, 84, .	4.7	46
35	Next-to-next-to-leading logarithm resummation for t-channel single top quark production. Physical Review D, 2010, 82, .	4.7	262
36	Two-loop soft anomalous dimensions for single top quark associated production with a W boson. Physical Review D, 2010, 82, .	4.7	369

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37	Next-to-next-to-leading soft-gluon corrections for the top quark cross section and transverse momentum distribution. Physical Review D, 2010, 82, .	4.7	143
38	Single top quark production cross section at hadron colliders. , 2010, , .		2
39	Two-loop resummation for QCD hard scattering. , 2010, , .		0
40	Two-Loop Soft Anomalous Dimensions and Next-to-Next-to-Leading-Logarithm Resummation for Heavy Quark Production. Physical Review Letters, 2009, 102, 232003.	7.8	107
41	Heavy-Flavor Production at Accelerators. Nuclear Physics A, 2009, 827, 448c-453c.	1.5	5
42	Theoretical top quark cross section at the Fermilab Tevatron and the CERN LHC. Physical Review D, 2008, 78, .	4.7	146
43	Collinear and soft-gluon corrections to Higgs production at next-to-next-to-next-to-leading order. Physical Review D, 2008, 77, .	4.7	14
44	Status of eikonal two-loop calculations with massive quarks. , 2008, , .		0
45	Higher-order soft gluon corrections in single top quark production at the CERN LHC. Physical Review D, 2007, 75, .	4.7	55
46	W-BOSON PRODUCTION WITH LARGE TRANSVERSE MOMENTUM AT THE LHC. , 2007, , .		0
47	SOFT-GLUON CORRECTIONS IN HARD-SCATTERING PROCESSES THROUGH NNNLO. , 2007, , .		0
48	Higher-Order Threshold Corrections for Single Top Quark Production. , 2007, , .		0
49	Next-to-next-to-next-to-leading-order soft-gluon corrections in hard-scattering processes near threshold. Physical Review D, 2006, 73, .	4.7	33
50	Single top quark production at the Fermilab Tevatron: Threshold resummation and finite-order soft gluon corrections. Physical Review D, 2006, 74, .	4.7	150
51	Top quark and charged Higgs production at hadron colliders. AIP Conference Proceedings, 2005, , .	0.4	1
52	Soft-gluon expansions through NNNLO. AIP Conference Proceedings, 2005, , .	0.4	1
53	Charged Higgs production via $g \rightarrow t \bar{t} H^{\pm}$ at the LHC. Journal of High Energy Physics, 2005, 2005, 011-011.	4.7	36
54	W Production at Large Transverse Momentum at the CERN Large Hadron Collider. Physical Review Letters, 2005, 95, 222001.	7.8	23

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55	LARGE-QTW-BOSON PRODUCTION AT THE TEVATRON. International Journal of Modern Physics A, 2005, 20, 3233-3235.	1.5	0
56	THEORETICAL STATUS OF THE TOP QUARK CROSS SECTION. International Journal of Modern Physics A, 2005, 20, 3171-3173.	1.5	21
57	COLLINEAR AND SOFT RESUMMATION IN THE LARGE-X LIMIT. International Journal of Modern Physics A, 2005, 20, 3726-3728.	1.5	3
58	W hadroproduction at large transverse momentum beyond next-to-leading order. Journal of High Energy Physics, 2004, 2004, 027-027.	4.7	18
59	A UNIFIED APPROACH TO NNLO SOFT AND VIRTUAL CORRECTIONS IN ELECTROWEAK, HIGGS, QCD, AND SUSY PROCESSES. International Journal of Modern Physics A, 2004, 19, 1793-1821.	1.5	27
60	NEXT-TO-NEXT-TO-LEADING ORDER SOFT AND VIRTUAL CORRECTIONS FOR QCD, HIGGS AND SUSY PROCESSES. Modern Physics Letters A, 2004, 19, 405-419.	1.2	13
61	NEXT-TO-NEXT-TO-LEADING-ORDER SOFT-GLUON CORRECTIONS IN DIRECT PHOTON PRODUCTION. International Journal of Modern Physics A, 2004, 19, 149-158.	1.5	11
62	Top quark production at the Tevatron at NNLO. European Physical Journal C, 2004, 33, s466-s468.	3.9	15
63	Understanding bottom production. Nuclear Physics A, 2003, 715, 549c-552c.	1.5	3
64	Next-to-next-to-leading order soft-gluon corrections in top quark hadroproduction. Physical Review D, 2003, 68, .	4.7	195
65	Threshold effects in charm hadroproduction. Physical Review D, 2003, 67, .	4.7	14
66	FCNC top quark production via anomalous tqV couplings beyond leading order. Journal of High Energy Physics, 2003, 2003, 004-004.	4.7	30
67	QCD corrections to flavor-changing-neutral-current single top production at the DESY HERA collider. Physical Review D, 2002, 65, .	4.7	29
68	TOP QUARK TOTAL AND DIFFERENTIAL CROSS SECTIONS AT NNLO AND NNLL. International Journal of Modern Physics A, 2001, 16, 363-365.	1.5	2
69	Sudakov resummation and finite order expansions of heavy quark hadroproduction cross sections. Physical Review D, 2001, 64, .	4.7	83
70	High-order corrections and subleading logarithms for top quark production. Physical Review D, 2001, 64, .	4.7	57
71	Effects of higher-order threshold corrections in high-ETjet production. Physical Review D, 2001, 63, .	4.7	130
72	Electroweak-boson hadroproduction at large transverse momentum: factorization, resummation, and NNLO corrections. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 480, 87-96.	4.1	27

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73	Soft-gluon resummation and NNLO corrections for direct photon production. Physical Review D, 2000, 61, .	4.7	50
74	RESUMMATION FOR HEAVY QUARK AND JET CROSS-SECTIONS. International Journal of Modern Physics A, 2000, 15, 1245-1296.	1.5	37
75	Soft-gluon resummation for heavy quark production in hadronic collisions. Physical Review D, 1999, 59, .	4.7	10
76	NNLO results for heavy quark and direct photon production near threshold. Nuclear Physics, Section B, Proceedings Supplements, 1999, 79, 410-412.	0.4	3
77	Resummation of next-to-leading logarithms in top quark production. Nuclear Physics, Section B, Proceedings Supplements, 1998, 64, 402-405.	0.4	8
78	Threshold resummation for dijet cross sections. Nuclear Physics B, 1998, 525, 299-332.	2.5	159
79	Evolution of color exchange in QCD hard scattering. Nuclear Physics B, 1998, 531, 365-402.	2.5	245
80	Resummed heavy quark production cross sections to next-to-leading logarithm. Physical Review D, 1997, 56, 1553-1570.	4.7	17
81	Resummation for QCD hard scattering. Nuclear Physics B, 1997, 505, 321-348.	2.5	238
82	Subleading logarithms in QCD hard scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 867-874.	4.1	109
83	BOTTOM QUARK PRODUCTION CROSS-SECTION AT HERA-B. Modern Physics Letters A, 1996, 11, 587-598.	1.2	14
84	Top quark inclusive differential distributions. Physical Review D, 1995, 51, 6092-6102.	4.7	26