Bernd A Kniehl

List of Publications by Year
in descending order

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196	6,970	53794	76900
papers	citations	45 h-index	74 g-index

201	201	201	5982
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Higgs boson mass and new physics. Journal of High Energy Physics, 2012, 2012, 1.	4.7	424
2	Stability of the Electroweak Vacuum: Gauge Independence and Advanced Precision. Physical Review Letters, 2015, 115, 201802.	7.8	189
3	Two-loop corrections to the vacuum polarizations in perturbative QCD. Nuclear Physics B, 1990, 347, 86-104.	2.5	187
4	Reconciling<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ï^</mml:mi></mml:math>Production at HERA, RHIC, Tevatron, and LHC with Nonrelativistic QCD Factorization at Next-to-Leading Order. Physical Review Letters, 2011, 106, 022003.	7.8	186
5	Polarization of promptJ/Ï^at the Fermilab Tevatron. Physical Review D, 2000, 62, .	4.7	172
6	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ï^</mml:mi></mml:math>Polarization at the Tevatron and the LHC: Nonrelativistic-QCD Factorization at the Crossroads. Physical Review Letters, 2012, 108, 172002.	7.8	172
7	World data of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ï^</mml:mi></mml:math>production consolidate nonrelativistic QCD factorization at next-to-leading order. Physical Review D, 2011, 84, .	4.7	157
8	Low-energy theorems in Higgs physics. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1995, 69, 77-87.	1.5	153
9	Inclusive charmed-meson production at the CERN LHC. European Physical Journal C, 2012, 72, 1.	3.9	127
10	QCD corrections to the Z decay rate. Nuclear Physics B, 1990, 329, 547-573.	2.5	120
11	Î”r beyond one loop. Nuclear Physics B, 1991, 353, 567-590.	2.5	120
12	Potential NRQCD and heavy-quarkonium spectrum at next-to-next-to-next-to-leading order. Nuclear Physics B, 2002, 635, 357-383.	2.5	120
13	Ultrasoft effects in heavy-quarkonium physics. Nuclear Physics B, 1999, 563, 200-210.	2.5	110
14	Relation between the fermion pole mass and MSÂ¯ Yukawa coupling in the standard model. Physical Review D, 1995, 51, 1386-1394.	4.7	106
15	Radiative corrections for in the standard model. Nuclear Physics B, 1992, 376, 3-28.	2.5	104
16	Color-kinematic duality for form factors. Journal of High Energy Physics, 2013, 2013, 1.	4.7	97
17	Incorporation of QCD effects in basic corrections of the electroweak theory. Physical Review D, 1993, 48, 307-331.	4.7	95
18	Elastic ep scattering and the WeizsÃcker-Williams approximation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 254, 267-273.	4.1	90

#	Article	IF	Citations
19	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î·</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>Production at the LHC Challenges Nonrelativistic QCD Factorization. Physical Review Letters, 2015, 114, 092004.	7.8	88
20	Finite-mass effects on inclusive<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math>-meson hadroproduction. Physical Review D, 2008, 77, .	4.7	85
21	Mass of theÎ·bandÎ±sfrom the Nonrelativistic Renormalization Group. Physical Review Letters, 2004, 92, 242001.	7.8	81
22	Radiative corrections for associatedZH production at futuree + e â^' colliders. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1992, 55, 605-618.	1.5	80
23	Mixing renormalization in Majorana neutrino theories. Nuclear Physics B, 1996, 474, 286-308.	2.5	79
24	Radiative corrections for H â†' ZZ in the standard model. Nuclear Physics B, 1991, 352, 1-26.	2.5	76
25	Dispersion relations for vacuum-polarization functions in electroweak physics. Nuclear Physics B, 1992, 371, 141-148.	2.5	75
26	Complete Next-to-Leading-Order Corrections toJ/Ï^Photoproduction in Nonrelativistic Quantum Chromodynamics. Physical Review Letters, 2010, 104, 072001.	7.8	75
27	Evidence for the Color-Octet Mechanism from CERN LEP2Î³Î³â†'J/Ï^+XData. Physical Review Letters, 2002, 89, 032001.	7.8	73
28	OrderÎ±7ln(1/Î±)Contribution to Positronium Hyperfine Splitting. Physical Review Letters, 2000, 85, 5094-5097.	7.8	71
29	Radiative corrections for Hâ†'W+Wâ^'(Î³) in the standard model. Nuclear Physics B, 1991, 357, 439-466.	2.5	70
30	Effect of thettÂ¯threshold on electroweak parameters. Physical Review D, 1993, 47, 883-893.	4.7	69
31	Associated production of Higgs andZbosons from gluon fusion in hadron collisions. Physical Review D, 1990, 42, 2253-2258.	4.7	67
32	Gauge-invariant formulation of theS,T, andUparameters. Physical Review D, 1993, 48, R3963-R3966.	4.7	67
33	Two-loop sunset diagrams with three massive lines. Nuclear Physics B, 2006, 738, 306-316.	2.5	61
34	Charmed-hadron fragmentation functions from CERN LEP1 revisited. Physical Review D, 2006, 74, .	4.7	59
35	Small-x behavior of the structure function <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi>F</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> and its slope <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mo>â^‚</mml:mo><mml:mi mathvariant="normal">ln</mml:mi><mml:msub><mml:mi>F</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo	4.1	59
36	Non-AbelianÎ±s3/(mqr2)heavy-quarkâ€“antiquark potential. Physical Review D, 2002, 65, .	4.7	57

#	Article	IF	Citations
37	NEXT-TO-LEADING ORDER TESTS OF NON-RELATIVISTIC-QCD FACTORIZATION WITH J/Ï^ YIELD AND POLARIZATION. Modern Physics Letters A, 2013, 28, 1350027.	1.2	57
38	Order corrections to heavy-quarkonium creation and annihilation. Nuclear Physics B, 2000, 577, 197-208.	2.5	52
39	Width and Partial Widths of Unstable Particles. Physical Review Letters, 2001, 86, 389-392.	7.8	50
40	Tevatron-hera colour-octet charmonium anomaly versus higher-order QCD effects. European Physical Journal C, 1999, 6, 493-501.	3.9	49
41	J/Ï^ inclusive production in ep deep-inelastic scattering at DESY HERA. Nuclear Physics B, 2002, 621, 337-358.	2.5	48
42	Width and partial widths of unstable particles in the light of the Nielsen identities. Physical Review D, 2002, 65, .	4.7	47
43	Two-loop electroweak threshold corrections in the Standard Model. Nuclear Physics B, 2015, 896, 19-51.	2.5	47
44	Polarized J/Ï^ from Ï‡cJ and Ï^â€² decays at the Fermilab Tevatron. Physical Review D, 2000, 62, .	4.7	46
45	Probing Nonrelativistic QCD Factorization in PolarizedJ/Ï^Photoproduction at Next-to-Leading Order. Physical Review Letters, 2011, 107, 232001.	7.8	46
46	OrderÎ±3ln(1/Î±)Corrections to Positronium Decays. Physical Review Letters, 2000, 85, 1210-1213.	7.8	45
47	On the difference between the pole and the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mover accent="true"><mml:mrow><mml:mi mathvariant="normal">MS</mml:mi></mml:mrow><mml:mo>Â¯</mml:mo></mml:mover></mml:math> masses of the top quark at the electroweak scale. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 123-129.	4.1	44
48	D0,D+,Ds+, andÎ›c+fragmentation functions from CERN LEP1. Physical Review D, 2005, 71, .	4.7	43
49	Differential reduction of generalized hypergeometric functions from Feynman diagrams: One-variable case. Nuclear Physics B, 2010, 836, 129-170.	2.5	43
50	Two-loop QED vertex correction from virtual heavy fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 127-129.	4.1	41
51	Differences between the Pole and On-Shell Masses and Widths of the Higgs Boson. Physical Review Letters, 1998, 81, 1373-1376.	7.8	41
52	Open charm hadroproduction and the charm content of the proton. Physical Review D, 2009, 79, .	4.7	37
53	HYPERDIRE, HYPERgeometric functions DIfferential REduction: MATHEMATICA-based packages for differential reduction of generalized hypergeometric functions. Computer Physics Communications, 2013, 184, 2332-2342.	7.5	37
54	Heavy-Quarkonium Creation and Annihilation withO(Î±s3lnï»¿Î±s)Accuracy. Physical Review Letters, 2003, 90, 212001.	7.8	36

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55	production in NRQCD: A global analysis of yield and polarization. Nuclear Physics, Section B, Proceedings Supplements, 2012, 222-224, 151-161.	0.4	36
56	Towards all-order Laurent expansion of generalised hypergeometric functions about rational values of parameters. Nuclear Physics B, 2009, 809, 365-405.	2.5	35
57	Master integrals for the four-loop Sudakov form factor. Nuclear Physics B, 2016, 902, 387-414.	2.5	35
58	Heavy-quark contributions to the ratio <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi>F</mml:mi><mml:mi>L</mml:mi></mml:msub><mml:mo stretchy="false">/</mml:mo><mml:msub><mml:mi>F</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> at low x. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 66-72.	4.1	34
59	Bottom-flavored hadrons from top-quark decay at next-to-leading order in the general-mass variable-flavor-number scheme. Nuclear Physics B, 2012, 862, 720-736.	2.5	34
60	Complete Nonrelativistic-QCD Prediction for Prompt Double<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ï^</mml:mi></mml:math>Hadroproduction. Physical Review Letters, 2015, 115, 022002.	7.8	34
61	Production and decay of the Standard Model Higgs boson at LEP200. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1994, 63, 417-425.	1.5	33
62	Two-loop O(Î±sGFmt2) correction to the decay rate. Nuclear Physics B, 1994, 432, 39-48.	2.5	33
63	Gauge-independentW-boson partial decay widths. Physical Review D, 2000, 62, .	4.7	33
64	Calculating four-loop tadpoles with one non-zero mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 531-537.	4.1	33
65	Mellinâ€“Barnes representations of Feynman diagrams, linear systems of differential equations, and polynomial solutions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 103-109.	4.1	33
66	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi mathvariant="normal">Î</mml:mi><mml:mi>c</mml:mi><mml:mo>Â±</mml:mo></mml:msubsup></mml:math> production in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> collisions with a new fragmentation function. Physical Review D, 2020, 101, .	4.7	33
67	Onset of strong interactions in the Higgs sector of the standard model:Hâ†'ffÂ¯ at two loops. Physical Review Letters, 1994, 72, 2534-2537.	7.8	31
68	mr : A C++ library for the matching and running of the Standard Model parameters. Computer Physics Communications, 2016, 206, 84-96.	7.5	31
69	Strong Coupling Constant from Scaling Violations in Fragmentation Functions. Physical Review Letters, 2000, 85, 5288-5291.	7.8	30
70	Comparative analysis of three methods to evaluate vacuum-polarization functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 367-370.	4.1	29
71	Two-loop electroweak parameters. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 58, 119-131.	1.5	29
72	Three-loop O(Î±s2GFMt2) corrections to Higgs production and decay at e+eâ^' colliders. Nuclear Physics B, 1995, 454, 485-505.	2.5	29

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73	J/ĩ^plus prompt-photon associated production in two-photon collisions at next-to-leading order. Physical Review D, 2005, 71, .	4.7	29
74	Colour-octet contributions to photoproduction via fragmentation at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 416-421.	4.1	28
75	Associated production of heavy quarkonia and electroweak bosons at present and future colliders. Physical Review D, 2002, 66, .	4.7	28
76	Field renormalization constant for unstable particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 530, 129-132.	4.1	28
77	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math> -hadron fragmentation functions at next-to-next-to-leading order from a global analysis of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo> annihilation data. Physical Review D, 2019, 99, .	4.7	28
78	Oblique radiative corrections from Majorana neutrinos. Physical Review D, 1993, 48, 225-233.	4.7	27
79	Two-loopO(Î±sGFmt2) corrections to the fermionic decay rates of the standard-model Higgs boson. Physical Review D, 1994, 50, 3314-3322.	4.7	27
80	Higgs-boson production and decay close to thresholds. Nuclear Physics B, 2000, 591, 296-310.	2.5	27
81	Heavy-quark QCD vacuum polarisation function: analytical results at four loops. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 68-71.	4.1	27
82	The Higgs boson decay Hâ†'Zgg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 537-540.	4.1	26
83	InclusiveJ/ĩ^andÏ^(2S)production fromBdecay inppÂ¯collisions. Physical Review D, 1999, 60, .	4.7	26
84	Two-loopO(GF2MH4) corrections to the fermionic decay rates of the Higgs boson. Physical Review D, 1995, 51, 5007-5015.	4.7	25
85	Ï‡c1andÏ‡c2decay angular distributions at the Fermilab Tevatron. Physical Review D, 2003, 68, .	4.7	25
86	Two-loop electroweak correction of to the Higgs-boson decay into photons. Nuclear Physics B, 2004, 702, 333-345.	2.5	25
87	Next-to-leading-order nonrelativistic QCD disfavors the interpretation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td (stretchy="	4.7	24
88	<mml:msub><mml:mi>Ï‡</mml:mi><mml:mrow><mml:mi>c</mml:mi><mml:mn>1</mml:mn></mml:mrow></mml:msub> Onset of strong interactions in the Higgs sector of the Standard Model:Hâ†'ffÂ¯at two loops [Phys. Rev. Lett. 72, 2534 (1994)]. Physical Review Letters, 1995, 74, 1699-1699.	7.8	23
89	Virtual top effects on low-mass Higgs interactions at next-to-leading order in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 297-301.	4.1	23
90	Pole mass, width, and propagators of unstable fermions. Physical Review D, 2008, 77, .	4.7	23

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91	Counting master integrals: Integration by parts vs. differential reduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 268-271.	4.1	23
92	On the b-quark running mass in QCD and the SM. Nuclear Physics B, 2017, 916, 463-483.	2.5	23
93	On the perturbative stability of the QCD predictions for the ratio R=F L /F T in heavy-quark leptoproduction. European Physical Journal C, 2009, 59, 647.	3.9	22
94	Double Prompt <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>Ï^</mml:mi></mml:math> Hadroproduction in the Parton Reggeization Approach with High-Energy Resummation. Physical Review Letters, 2019, 123, 162002.	7.8	22
95	THEORETICAL ASPECTS OF STANDARD-MODEL HIGGSâ€“BOSON PHYSICS AT A FUTURE e+e-LINEAR COLLIDER. International Journal of Modern Physics A, 2002, 17, 1457-1476.	1.5	21
96	Simple on-shell renormalization framework for the Cabibbo-Kobayashi-Maskawa matrix. Physical Review D, 2006, 74, .	4.7	21
97	Ultrahigh-Energy Neutrino-Nucleon Deep-Inelastic Scattering and the Froissart Bound. Physical Review Letters, 2011, 106, 231802.	7.8	21
98	Counting the number of master integrals for sunrise diagrams via the Mellin-Barnes representation. Journal of High Energy Physics, 2017, 2017, 1.	4.7	21
99	Charmonium production via fragmentation at DESY HERA. Physical Review D, 1997, 56, 5820-5833.	4.7	20
100	Two-loop electroweak threshold corrections to the bottom and top Yukawa couplings. Nuclear Physics B, 2014, 885, 459-480.	2.5	20
101	A novel formulation of Cabibboâ€“Kobayashiâ€“Maskawa matrix renormalization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 208-210.	4.1	19
102	Finding new relationships between hypergeometric functions by evaluating Feynman integrals. Nuclear Physics B, 2012, 854, 841-852.	2.5	19
103	Inclusive $$B$$ B -meson production at small $$p_T$$ p T in the general-mass variable-flavor-number scheme. European Physical Journal C, 2015, 75, 1.	3.9	19
104	Z0POLE â€” A program to calculate the electroweak and QCD radiative corrections to e+e- â† f near the Z0 resonance. Computer Physics Communications, 1992, 72, 175-220.	7.5	18
105	Counting master integrals: Integration-by-parts procedure with effective mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 233-234.	4.1	18
106	STATUS OF HIGHER-ORDER CORRECTIONS IN THE STANDARD ELECTROWEAK THEORY. International Journal of Modern Physics A, 1995, 10, 443-464.	1.5	17
107	Analytic result for the one-loop scalar pentagon integral with massless propagators. Nuclear Physics B, 2010, 833, 298-319.	2.5	17
108	Solution to Betheâ€“Salpeter equation via Mellinâ€“Barnes transform. Nuclear Physics B, 2013, 870, 243-277.	2.5	17

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109	Prompt-photon plus jet associated photoproduction at HERA in the parton Reggeization approach. Physical Review D, 2014, 89, .	4.7	17
110	Electroweak corrections to Z-boson hadroproduction at finite transverse momentum. Nuclear Physics B, 2015, 900, 576-602.	2.5	17
111	HYPERDIRE HYPERgeometric functions DIfferential REduction: Mathematica-based packages for the differential reduction of generalized hypergeometric functions: Horn-type hypergeometric functions of two variables. Computer Physics Communications, 2015, 189, 128-154.	7.5	17
112	Three-loop massive tadpoles and polylogarithms through weight six. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
113	Hypergeometric Functions and Feynman Diagrams. Texts and Monographs in Symbolic Computation, 2021, , 189-234.	0.4	17
114	On the decay modeZâ†'Hgg. Physical Review D, 1990, 42, 3100-3106.	4.7	16
115	Two-loop O(Î±s2) correction to the decay rate induced by the top quark. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 343, 299-303.	4.1	16
116	Mass and width of a heavy Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 136-140.	4.1	16
117	Relation between bottom-quark Yukawa coupling and pole mass. Nuclear Physics B, 2004, 695, 199-216.	2.5	16
118	TEVATRON-HERA colour-octet charmonium anomaly versus higher-order QCD effects. European Physical Journal C, 1999, 6, 493.	3.9	16
119	Functional equations for one-loop master integrals for heavy-quark production and Bhabha scattering. Nuclear Physics B, 2009, 820, 178-192.	2.5	15
120	Fully double-logarithm-resummed cross sections. Nuclear Physics B, 2011, 851, 86-103.	2.5	15
121	Low-mass Higgs decays to four leptons at one loop and beyond. Physical Review D, 2012, 86, . <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mi>S</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (stre	4.7	15
122	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ï</mml:mi><mml:mo		

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127	Bilinear quark operators in the RI/SMOM scheme at three loops. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135398.	4.1	14
128	Radiative corrections to Higgs production from Z decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 282, 249-255.	4.1	13
129	QCD corrections totbÂ¯Hâˆ’associated production ine+eâˆ’annihilation. Physical Review D, 2002, 66, .	4.7	13
130	Simple Approach to Renormalize the Cabibbo-Kobayashi-Maskawa Matrix. Physical Review Letters, 2006, 97, 221801.	7.8	13
131	Jâˆ•Ïˆ Production with NRQCD: HERA, Tevatron, RHIC and LHC. , 2011, , .		13
132	Renormalization in general theories with intergeneration mixing. Physical Review D, 2012, 85, .	4.7	13
133	Average gluon and quark jet multiplicities at higher orders. Nuclear Physics B, 2013, 875, 18-44.	2.5	13
134	All-Order Renormalization of the Propagator Matrix for Fermionic Systems with Flavor Mixing. Physical Review Letters, 2014, 112, 071603.	7.8	13
135	QCD corrections to vector boson self-energies in the standard model. Computer Physics Communications, 1990, 58, 293-303.	7.5	12
136	Radiative corrections toe + e âˆ’â†’Zh 0 andZâ†’Î³h 0 in the minimal supersymmetric theory. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1993, 59, 263-271.	1.5	11
137	Dependence of electroweak parameters on the definition of the top-quark mass. Zeitschrift FÃ¼r Physik C-Particles and Fields, 1996, 72, 437-447.	1.5	11
138	Two-loopO(Î±sGFMQ2)heavy-quark corrections to the interactions between Higgs and intermediate bosons. Physical Review D, 1996, 53, 6477-6485.	4.7	11
139	Next-to-leading-order predictions forD*Â±plus jet photoproduction at DESY HERA. Physical Review D, 2004, 70, .	4.7	11
140	Prompt J/Ïˆ plus photon associated electroproduction at DESY HERA. European Physical Journal C, 2006, 48, 451-456.	3.9	11
141	two-loop electroweak correction to Higgs-boson decay to bottom quarks. Nuclear Physics B, 2007, 772, 25-48.	2.5	11
142	J/Ïˆ inclusive production in Î½N neutral-current deep-inelastic scattering. Nuclear Physics B, 2002, 637, 311-344.	2.5	10
143	All-order É› expansions of hypergeometric functions of one variable. Physics of Particles and Nuclei, 2010, 41, 942-945.	0.7	10
144	All-order renormalization of propagator matrix for unstable Dirac fermions. Physical Review D, 2014, 89, .	4.7	10

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145	Scheme and scale dependences of leading electroweak corrections. Nuclear Physics B, 1996, 458, 35-51.	2.5	9
146	Two-Loop Virtual Top-Quark Effect on Higgs-Boson Decay to Bottom Quarks. Physical Review Letters, 2007, 98, 071602.	7.8	9
147	Derivatives of any Horn-type hypergeometric functions with respect to their parameters. Nuclear Physics B, 2020, 952, 114911.	2.5	9
148	Relativistic corrections toJ/Ïˆpolarization in photo- and hadroproduction. Physical Review D, 2015, 92, .	4.7	8
149	Deciphering the X(3872) via its Polarization in Prompt Production at the CERN LHC. Physical Review Letters, 2019, 123, 032001.	7.8	8
150	Heavy-quark pair production in polarized photon-photon collisions at next-to-leading order: Fully integrated total cross sections. Physical Review D, 2009, 79, .	4.7	7
151	Two-fold Mellinâ€“Barnes transforms of Usyukinaâ€“Davydychev functions. Nuclear Physics B, 2013, 876, 322-333.	2.5	7
152	Inclusive<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>Ïˆ</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ïˆ</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mi>S</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (stre xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>b</mml:mi></mml:math>- Propagator mixing renormalization for Majorana fermions. Physical Review D, 2014, 89, .	4.7	7
153			
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