

Bernd A Kniehl

List of Publications by Year in descending order

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196
papers

6,970
citations

53794
45
h-index

76900
74
g-index

201
all docs

201
docs citations

201
times ranked

5982
citing authors

#	ARTICLE	IF	CITATIONS
19	Three-loop massive scalar effective potential. , 2018, , .	0	
20	$\hat{t}c$ Hadroproduction at Large Hadron Collider Challenges NRQCD Factorization. EPJ Web of Conferences, 2017, 137, 06009.	0.3	3
21	On the b-quark running mass in QCD and the SM. Nuclear Physics B, 2017, 916, 463-483.	2.5	23
22	Explicit calculation of multi-fold contour integrals of certain ratios of Euler gamma functions. Part 1. Nuclear Physics B, 2017, 925, 607-614.	2.5	3
23	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
24	Three-loop massive tadpoles and polylogarithms through weight six. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
25	Extracting $\hat{t}s$ from scaling violations in light-hadron fragmentation functions. Modern Physics Letters A, 2016, 31, 1630008.	1.2	0
26	mr : A C++ library for the matching and running of the Standard Model parameters. Computer Physics Communications, 2016, 206, 84-96.	7.5	31
27	Master integrals for the four-loop Sudakov form factor. Nuclear Physics B, 2016, 902, 387-414. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{t} \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle Tj \text{ ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (st}$	2.5	35
28	$\text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \hat{t} \langle \text{mml:mi} \rangle \langle \text{mml:mo}$		

#	ARTICLE	IF	CITATIONS
37	<math>\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:msub><mml:mi>\hat{c}</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
38	Stability of the Electroweak Vacuum: Gauge Independence and Advanced Precision. Physical Review Letters, 2015, 115, 201802.	7.8	189
39	Propagator mixing renormalization for Majorana fermions. Physical Review D, 2014, 89, .	4.7	7
40	All-Order Renormalization of the Propagator Matrix for Fermionic Systems with Flavor Mixing. Physical Review Letters, 2014, 112, 071603.	7.8	13
41	Prompt-photon plus jet associated photoproduction at HERA in the parton Reggeization approach. Physical Review D, 2014, 89, .	4.7	17
42	Considerations concerning the generalization of the Dirac equations to unstable fermions. Physical Review D, 2014, 90, .	4.7	0
43	All-order renormalization of propagator matrix for unstable Dirac fermions. Physical Review D, 2014, 89, .	4.7	10
44	Relativistic corrections to prompt/j/ γ photo- and hadroproduction. Physical Review D, 2014, 90, .	4.7	4
45	Two-loop electroweak threshold corrections to the bottom and top Yukawa couplings. Nuclear Physics B, 2014, 885, 459-480.	2.5	20
46	Color-kinematic duality for form factors. Journal of High Energy Physics, 2013, 2013, 1.	4.7	97
47	HYPERRDIRE, HYPERgeometric functions DIfferential REduction: MATHEMATICA-based packages for differential reduction of generalized hypergeometric functions. Computer Physics Communications, 2013, 184, 2332-2342.	7.5	37
48	NEXT-TO-LEADING ORDER TESTS OF NON-RELATIVISTIC-QCD FACTORIZATION WITH J/ γ YIELD AND POLARIZATION. Modern Physics Letters A, 2013, 28, 1350027.	1.2	57
49	Two-fold Mellinâ€“Barnes transforms of Ustyukinaâ€“Davydychev functions. Nuclear Physics B, 2013, 876, 322-333.	2.5	7
50	Average gluon and quark jet multiplicities at higher orders. Nuclear Physics B, 2013, 875, 18-44.	2.5	13
51	Solution to Betheâ€“Salpeter equation via Mellinâ€“Barnes transform. Nuclear Physics B, 2013, 870, 243-277.	2.5	17
52	On the difference between the pole and the <math>\langle mml:math>	4.1	44
53	mathvariant="normal">MS</mml:mi></mml:mrow><mml:mo>\hat{c}</mml:mo></mml:mover></mml:math> masses of the top quark at the electroweak scale. Physics Letters, Section B: Nuclear, Elementary Particles and High Energy Physics, 2013, 727, 3872-3872.	4.7	102
54	Inclusive<math>\langle mml:math>	4.0	57

#	ARTICLE	IF	CITATIONS
55	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo>/</mml:mo><mml:mi>J</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
56	Low-mass Higgs decays to four leptons at one loop and beyond. Physical Review D, 2012, 86, .	4.7	15
57	Higgs boson mass and new physics. Journal of High Energy Physics, 2012, 2012, 1.	4.7	424
58	Associated production of Z and neutral Higgs bosons at the CERN Large Hadron Collider. Physical Review D, 2012, 85, .	4.7	6
59	Finding new relationships between hypergeometric functions by evaluating Feynman integrals. Nuclear Physics B, 2012, 854, 841-852.	2.5	19
60	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
61	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
62	Inclusive charmed-meson production at the CERN LHC. European Physical Journal C, 2012, 72, 1.	3.9	127
63	Renormalization in general theories with intergeneration mixing. Physical Review D, 2012, 85, .	4.7	13
64	production in NRQCD: A global analysis of yield and polarization. Nuclear Physics, Section B, Proceedings Supplements, 2012, 222-224, 151-161.	0.4	36
65	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
66	World data of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi></mml:math><mml:mo>/</mml:mo><mml:mi>J</mml:mi></mml:math> production consolidate nonrelativistic QCD factorization at next-to-leading order. Physical Review D, 2011, 84, .	4.7	157
67	Quark mixing renormalization effects in the determination of $ V_{tq} $. Physical Review D, 2011, 83, .	4.7	3
68	Fully double-logarithm-resummed cross sections. Nuclear Physics B, 2011, 851, 86-103.	2.5	15
69	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
70	Jâ•† Production with NRQCD: HERA, Tevatron, RHIC and LHC., 2011, , .		13
71	Probing Nonrelativistic QCD Factorization in Polarized J/â•† Photoproduction at Next-to-Leading Order. Physical Review Letters, 2011, 107, 232001.	7.8	46
72	Reconciling <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi></mml:math><mml:mo>/</mml:mo><mml:mi>J</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

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73	Ultrahigh-Energy Neutrino-Nucleon Deep-Inelastic Scattering and the Froissart Bound. Physical Review Letters, 2011, 106, 231802.	7.8	21
74	All-order ϵ expansions of hypergeometric functions of one variable. Physics of Particles and Nuclei, 2010, 41, 942-945.	0.7	10
75	Complete Next-to-Leading-Order Corrections to π^0 Photoproduction in Nonrelativistic Quantum Chromodynamics. Physical Review Letters, 2010, 104, 072001.	7.8	75
76	Analytic result for the one-loop scalar pentagon integral with massless propagators. Nuclear Physics B, 2010, 833, 298-319.	2.5	17
77	Differential reduction of generalized hypergeometric functions from Feynman diagrams: One-variable case. Nuclear Physics B, 2010, 836, 129-170.	2.5	43
78	Open charm hadroproduction and the charm content of the proton. Physical Review D, 2009, 79, .	4.7	37
79	Novel formulations of CKM matrix renormalization. AIP Conference Proceedings, 2009, , .	0.4	5
80	A novel formulation of Cabibbo-Kobayashi-Maskawa matrix renormalization. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 208-210. Small-x behavior of the structure function $\langle \text{commath} \rangle$ $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"si1.gif"}$ $\text{overflow}=\text{"scroll"}><\text{mml:msub}><\text{mml:mi}>F</\text{mml:mi}><\text{mml:mn}>2</\text{mml:mn}></\text{mml:msub}></\text{mml:math}>$ and its slope $\langle \text{mml:math} \text{ xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"si2.gif"}$ $\text{overflow}=\text{"scroll"}><\text{mml:mo}>\hat{</}\text{mml:mo}><\text{mml:mi}$ $\text{mathvariant}=\text{"normal"}>\ln</\text{mml:mi}><\text{mml:msub}><\text{mml:mi}>F</\text{mml:mi}><\text{mml:mn}>2</\text{mml:mn}></\text{mml:msub}><\text{mml:mo}$	4.1	19
81	$\langle \text{commath} \rangle$ $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"si1.gif"}$ $\text{overflow}=\text{"scroll"}><\text{mml:msub}><\text{mml:mi}>F</\text{mml:mi}><\text{mml:mn}>2</\text{mml:mn}></\text{mml:msub}><\text{mml:mo}$ and its slope $\langle \text{mml:math} \text{ xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"si2.gif"}$ $\text{overflow}=\text{"scroll"}><\text{mml:mo}>\hat{</}\text{mml:mo}><\text{mml:mi}$ $\text{mathvariant}=\text{"normal"}>\ln</\text{mml:mi}><\text{mml:msub}><\text{mml:mi}>F</\text{mml:mi}><\text{mml:mn}>2</\text{mml:mn}></\text{mml:msub}><\text{mml:mo}$	4.1	59
82	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
83	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
84	Two-loop electroweak corrections to the and couplings of the CP-odd Higgs boson. Nuclear Physics B, 2009, 807, 188-209.	2.5	3
85	Towards all-order Laurent expansion of generalised hypergeometric functions about rational values of parameters. Nuclear Physics B, 2009, 809, 365-405.	2.5	35
86	On-shell renormalization of the mixing matrices in Majorana neutrino theories. Nuclear Physics B, 2009, 818, 115-134.	2.5	5
87	Functional equations for one-loop master integrals for heavy-quark production and Bhabha scattering. Nuclear Physics B, 2009, 820, 178-192.	2.5	15
88	Quark-mixing renormalization effects in the determination of the CKM parameters $ V_{ij} $. Physical Review D, 2009, 79, .	4.7	5
89	$\langle \text{commath} \rangle$ $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"si1.gif"}$ $\text{overflow}=\text{"scroll"}><\text{mml:msub}><\text{mml:mi}>F</\text{mml:mi}><\text{mml:mi}>L</\text{mml:mi}></\text{mml:msub}><\text{mml:mo}$ $\text{stretchy}=\text{"false"}></\text{mml:mo}><\text{mml:msub}><\text{mml:mi}>F</\text{mml:mi}><\text{mml:mi}>2</\text{mml:mi}></\text{mml:msub}></\text{mml:math}>$ ^{4.1} at low x . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 66-72.	4.1	34
90	Single top production at HERA in the Standard Model and its minimal supersymmetric extension. Nuclear Physics B, 2008, 790, 200-215.	2.5	2

#	ARTICLE	IF	CITATIONS
91	Dominant two-loop electroweak corrections to the hadroproduction of a pseudoscalar Higgs boson and its photonic decay. Physical Review D, 2008, 78, Orthopositronium Lifetime: Analytic Results in xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:math mathvariant="script">O</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>̄±</mml:mi><mml:mo> Tj ETQq0 0 0 rgBT /Overlock	4.7	5
92	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="script">O</mml:mi><mml:mo		

#	ARTICLE	IF	CITATIONS
109	LIGHT-HADRON ELECTROPRODUCTION AT NEXT-TO-LEADING ORDER AND IMPLICATIONS. , 2006, , .	0	
110	Charmonium production in two-photon collisions at next-to-leading order. AIP Conference Proceedings, 2005, , .	0.4	0
111	Inclusive electroproduction of light hadrons with large pT at next-to-leading order. AIP Conference Proceedings, 2005, , .	0.4	0
112	J/ ψ plus prompt-photon associated production in two-photon collisions at next-to-leading order. Physical Review D, 2005, 71, .	4.7	29
113	D0,D+,Ds+, and $\bar{c}c$ -fragmentation functions from CERN LEP1. Physical Review D, 2005, 71, .	4.7	43
114	Associated production of bottomonia and Higgs bosons at hadron colliders. Physical Review D, 2004, 69, .	4.7	4
115	Mass of the b -band $\pm s$ from the Nonrelativistic Renormalization Group. Physical Review Letters, 2004, 92, 242001.	7.8	81
116	Next-to-leading-order predictions for $D^* \pm$ plus jet photoproduction at DESY HERA. Physical Review D, 2004, 70, .	4.7	11
117	Prompt J/ ψ production in charged-current deep-inelastic scattering. Nuclear Physics B, 2004, 678, 258-294.	2.5	4
118	Relation between bottom-quark Yukawa coupling and pole mass. Nuclear Physics B, 2004, 695, 199-216.	2.5	16
119	Two-loop electroweak correction of to the Higgs-boson decay into photons. Nuclear Physics B, 2004, 702, 333-345.	2.5	25
120	Heavy-Quarkonium Creation and Annihilation with $O(\pm s^3 \ln \mu_s^2)$ Accuracy. Physical Review Letters, 2003, 90, 212001.	7.8	36
121	$\bar{t}t$ and $\bar{c}c$ decay angular distributions at the Fermilab Tevatron. Physical Review D, 2003, 68, .	4.7	25
122	Theoretical aspects of inclusive light-hadron production. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 111-120.	3.6	1
123	Hadron Production in Hadron-Hadron and Lepton-Hadron Collisions. , 2003, , 161-170.	4	
124	Evidence for the Color-Octet Mechanism from CERN LEP2 $\gamma^3 \gamma^* J/\psi + X$ Data. Physical Review Letters, 2002, 89, 032001.	7.8	73
125	QCD corrections to $t\bar{b}H$ associated production in $e+e^-$ annihilation. Physical Review D, 2002, 66, .	4.7	13
126	Associated production of heavy quarkonia and electroweak bosons at present and future colliders. Physical Review D, 2002, 66, .	4.7	28

#	ARTICLE	IF	CITATIONS
127	Width and partial widths of unstable particles in the light of the Nielsen identities. Physical Review D, 2002, 65, .	4.7	47
128	Non-Abelian $\tilde{s}^3/(mqr^2)$ heavy-quark-antiquark potential. Physical Review D, 2002, 65, .	4.7	57
129	Elimination of threshold singularities in the relation between on-shell and pole widths. Physical Review D, 2002, 66, .	4.7	14
130	THEORETICAL ASPECTS OF STANDARD-MODEL HIGGS "BOSON PHYSICS AT A FUTURE e+e-LINEAR COLLIDER. International Journal of Modern Physics A, 2002, 17, 1457-1476.	1.5	21
131	J/ ψ inclusive production in ep deep-inelastic scattering at DESY HERA. Nuclear Physics B, 2002, 621, 337-358.	2.5	48
132	J/ ψ inclusive production in $1/2N$ neutral-current deep-inelastic scattering. Nuclear Physics B, 2002, 637, 311-344.	2.5	10
133	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
134	Field renormalization constant for unstable particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 530, 129-132.	4.1	28
135	Width and Partial Widths of Unstable Particles. Physical Review Letters, 2001, 86, 389-392.	7.8	50
136	Gauge-independent W-boson partial decay widths. Physical Review D, 2000, 62, .	4.7	33
137	Polarized J/ ψ from $t\bar{t}c\bar{c}$ and $t\bar{t}\gamma^2$ decays at the Fermilab Tevatron. Physical Review D, 2000, 62, .	4.7	46
138	Order $\pm 7\ln(1/\pm)$ Contribution to Positronium Hyperfine Splitting. Physical Review Letters, 2000, 85, 5094-5097.	7.8	71
139	Polarization of prompt J/ ψ at the Fermilab Tevatron. Physical Review D, 2000, 62, .	4.7	172
140	Order $\pm 3\ln(1/\pm)$ Corrections to Positronium Decays. Physical Review Letters, 2000, 85, 1210-1213.	7.8	45
141	Strong Coupling Constant from Scaling Violations in Fragmentation Functions. Physical Review Letters, 2000, 85, 5288-5291.	7.8	30
142	Order corrections to heavy-quarkonium creation and annihilation. Nuclear Physics B, 2000, 577, 197-208.	2.5	52
143	Higgs-boson production and decay close to thresholds. Nuclear Physics B, 2000, 591, 296-310.	2.5	27
144	Decoupling of heavy quarks from QCD and applications in Higgs-boson phenomenology. , 1999, , .	0	0

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145	Inclusive J/ψ and $\psi(2S)$ production from B -decay in $p\bar{p}$ collisions. <i>Physical Review D</i> , 1999, 60,	4.7	26
146	Massive-evolution effects on charmonium hadroproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 468, 294-298.	4.1	4
147	Tevatron-hera colour-octet charmonium anomaly versus higher-order QCD effects. <i>European Physical Journal C</i> , 1999, 6, 493-501.	3.9	49
148	Ultrasoft effects in heavy-quarkonium physics. <i>Nuclear Physics B</i> , 1999, 563, 200-210.	2.5	110
149	TEVATRON-HERA colour-octet charmonium anomaly versus higher-order QCD effects. <i>European Physical Journal C</i> , 1999, 6, 493.	3.9	16
150	Mass and width of a heavy Higgs boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 440, 136-140.	4.1	16
151	Differences between the Pole and On-Shell Masses and Widths of the Higgs Boson. <i>Physical Review Letters</i> , 1998, 81, 1373-1376.	7.8	41
152	Charmonium production via fragmentation at DESY HERA. <i>Physical Review D</i> , 1997, 56, 5820-5833.	4.7	20
153	Colour-octet contributions to photoproduction via fragmentation at HERA. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 413, 416-421.	4.1	28
154	Scheme and scale dependences of leading electroweak corrections. <i>Nuclear Physics B</i> , 1996, 458, 35-51.	2.5	9
155	Mixing renormalization in Majorana neutrino theories. <i>Nuclear Physics B</i> , 1996, 474, 286-308.	2.5	79
156	Dependence of electroweak parameters on the definition of the top-quark mass. <i>Zeitschrift fÃ¼r Physik C-Particles and Fields</i> , 1996, 72, 437-447.	1.5	11
157	Virtual top effects on low-mass Higgs interactions at next-to-leading order in QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 365, 297-301.	4.1	23
158	Two-loop $O(\tilde{s}^2 GFMQ^2)$ heavy-quark corrections to the interactions between Higgs and intermediate bosons. <i>Physical Review D</i> , 1996, 53, 6477-6485.	4.7	11
159	Dependence of electroweak parameters on the definition of the top-quark mass. <i>Zeitschrift fÃ¼r Physik C-Particles and Fields</i> , 1996, 72, 437-447.	1.5	0
160	Low-energy theorems in Higgs physics. <i>Zeitschrift fÃ¼r Physik C-Particles and Fields</i> , 1995, 69, 77-87.	1.5	153
161	Two-loop $O(\tilde{s}^2)$ correction to the decay rate induced by the top quark. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 343, 299-303.	4.1	16
162	Observations concerning the magnitude of $t\bar{t}$ -threshold effects on electroweak parameters. <i>Physical Review D</i> , 1995, 51, 3803-3810.	4.7	4

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163	Two-loop $O(\tilde{s}GFmt2)$ corrections to the fermionic decay rates of the Higgs boson. Physical Review D, 1995, 51, 5007-5015.	4.7	25
164	Onset of strong interactions in the Higgs sector of the Standard Model: $H \rightarrow f\bar{f}$ at two loops [Phys. Rev. Lett. 72, 2534 (1994)]. Physical Review Letters, 1995, 74, 1699-1699.	7.8	23
165	STATUS OF HIGHER-ORDER CORRECTIONS IN THE STANDARD ELECTROWEAK THEORY. International Journal of Modern Physics A, 1995, 10, 443-464.	1.5	17
166	Two-loop $O(\tilde{s}GFmt2)$ corrections to Higgs production at LEP. Nuclear Physics B, 1995, 443, 37-46.	2.5	14
167	Three-loop $O(\tilde{s}2GFmt2)$ corrections to Higgs production and decay at $e+e^-$ colliders. Nuclear Physics B, 1995, 454, 485-505.	2.5	29
168	Relation between the fermion pole mass and $MS\bar{\Lambda}$ Yukawa coupling in the standard model. Physical Review D, 1995, 51, 1386-1394.	4.7	106
169	Onset of strong interactions in the Higgs sector of the standard model: $H \rightarrow f\bar{f}$ at two loops. Physical Review Letters, 1994, 72, 2534-2537.	7.8	31
170	Two-loop $O(\tilde{s}GFmt2)$ corrections to the fermionic decay rates of the standard-model Higgs boson. Physical Review D, 1994, 50, 3314-3322.	4.7	27
171	Higher-order corrections to Higgs-boson decays. Nuclear Physics, Section B, Proceedings Supplements, 1994, 37, 268-273.	0.4	0
172	Production and decay of the Standard Model Higgs boson at LEP200. Zeitschrift für Physik C-Particles and Fields, 1994, 63, 417-425.	1.5	33
173	Two-loop $O(\tilde{s}GFmt2)$ correction to the decay rate. Nuclear Physics B, 1994, 432, 39-48.	2.5	33
174	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
175	Two-loop electroweak parameters. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 119-131.	1.5	29
176	Radiative corrections to $e + e^- \rightarrow Z h$ and $Z \rightarrow h h$ in the minimal supersymmetric theory. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 263-271.	1.5	11
177	Gauge-invariant formulation of the S, T, and U parameters. Physical Review D, 1993, 48, R3963-R3966.	4.7	67
178	Effect of the $t\bar{t}h$ -threshold on electroweak parameters. Physical Review D, 1993, 47, 883-893.	4.7	69
179	Oblique radiative corrections from Majorana neutrinos. Physical Review D, 1993, 48, 225-233.	4.7	27
180	Incorporation of QCD effects in basic corrections of the electroweak theory. Physical Review D, 1993, 48, 307-331.	4.7	95

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181	Radiative corrections for in the standard model. Nuclear Physics B, 1992, 376, 3-28.	2.5	104
182	Dispersion relations for vacuum-polarization functions in electroweak physics. Nuclear Physics B, 1992, 371, 141-148.	2.5	75
183	Radiative corrections for associated ZH production at future e + e^- colliders. Zeitschrift fÃ¼r Physik C-Particles and Fields, 1992, 55, 605-618.	1.5	80
184	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
185	ZOPOLE -- A program to calculate the electroweak and QCD radiative corrections to e+e- -> f near the Z0 resonance. Computer Physics Communications, 1992, 72, 175-220.	7.5	18
186	Radiative corrections for H -> ZZ in the standard model. Nuclear Physics B, 1991, 352, 1-26.	2.5	76
187	F''r beyond one loop. Nuclear Physics B, 1991, 353, 567-590.	2.5	120
188	Radiative corrections for H -> W+W- (l^3) in the standard model. Nuclear Physics B, 1991, 357, 439-466.	2.5	70
189	Elastic ep scattering and the WeizsÃcker-Williams approximation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 254, 267-273.	4.1	90
190	The Higgs boson decay H -> Zgg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 537-540.	4.1	26
191	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
192	QCD corrections to vector boson self-energies in the standard model. Computer Physics Communications, 1990, 58, 293-303.	7.5	12
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