Adrian Signer

List of Publications by Year
in descending order

63 papers	3,092 citations	186265 28 h-index	149698 56 g-index
63 all docs	63 docs citations	63 times ranked	2913 citing authors

#	Article	IF	Citations
1	Møller scattering at NNLO. Physical Review D, 2022, 105, .	4.7	7
2	Universal structure of radiative QED amplitudes at one loop. Journal of High Energy Physics, 2022, 2022, .	4.7	10
3	May the four be with you: novel IR-subtraction methods to tackle NNLO calculations. European Physical Journal C, 2021, 81, 1.	3.9	40
4	Bhabha scattering at NNLO with next-to-soft stabilisation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136547.	4.1	14
5	A theory vade mecum for PSI experiments. SciPost Physics Proceedings, 2021, , .	0.4	2
6	Theory for muon-electron scattering @ 10Âppm. European Physical Journal C, 2020, 80, 1.	3.9	38
7	Dimensional schemes for cross sections at NNLO. European Physical Journal C, 2020, 80, 1.	3.9	3
8	A subtraction scheme for massive QED. Journal of High Energy Physics, 2020, 2020, 1.	4.7	18
9	QED at NNLO with McMule. SciPost Physics, 2020, 9, .	4.9	33
10	Small-mass effects in heavy-to-light form factors. Journal of High Energy Physics, 2019, 2019, 1.	4.7	24
11	Low- and high-energy phenomenology of a doubly charged scalar. Physical Review D, 2019, 99, .	4.7	28
12	Charged lepton flavour violating processes. , 2019, , .		0
13	Correlating lepton flavor universality violation in B decays with $\mu \to e \gamma$ using leptoquarks. Physical Review D, 2019, 99, .	4.7	48
14	γ_5 in the four-dimensional helicity scheme. Physical Review D, 2018, 97, .	4.7	18
15	Fully differential NLO predictions for the rare muon decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 280-284.	4.1	18
16	Fully differential NLO predictions for the radiative decay of muons and taus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 452-458.	4.1	10
17	Renormalisation-group improved analysis of $\mu \to e$ processes in a systematic effective-field-theory approach. Journal of High Energy Physics, 2017, 2017, 1.	4.7	84
18	To d, or not to d: recent developments and comparisons of regularization schemes. European Physical Journal C, 2017, 77, 471.	3.9	88

#	Article	IF	Citations
19	Lepton-flavour violating decays in theories with dimension 6 operators. EPJ Web of Conferences, 2016, 118, 01031.	0.3	8
20	Regularization-scheme dependence of QCD amplitudes in the massive case. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
21	Associated production of a top pair and a Higgs boson beyond NLO. Journal of High Energy Physics, 2016, 2016, 1.	4.7	40
22	SCET approach to regularization-scheme dependence of QCD amplitudes. Journal of High Energy Physics, 2016, 2016, 1.	4.7	26
23	Computation of $$Hightarrow gg$$ H $â†’$ g g in fdh and dred: renormalization, operator mixing, and explicit two-loop results. European Physical Journal C, 2015, 75, 1.	3.9	15
24	The $μ â†’ eγ$ decay in a systematic effective field theory approach with dimension 6 operators. Journal of High Energy Physics, 2014, 2014, 1.	4.7	50
25	Renormalization-group improved fully differential cross sections for top pair production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	23
26	The infrared structure of QCD amplitudes and $H â†’gg$ in FDH and DRED. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 296-304.	4.1	17
27	Finite-width effects in unstable-particle production at hadron colliders. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
28	Off-shell effects for t-channel and s-channel single-top production at next-to-leading order in QCD. Physical Review D, 2011, 83, .	4.7	20
29	New determination of inclusive electromagnetic decay ratios of heavy quarkonium from QCD. Nuclear Physics B, 2010, 841, 231-256.	2.5	22
30	Production-decay interferences at next-to-leading order in QCD for t-channel single-top-quark production. Physical Review D, 2010, 82, .	4.7	24
31	The charm quark mass from non-relativistic sum rules. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 333-338.	4.1	18
32	Using dimensional reduction for hadronic collisions. Nuclear Physics B, 2009, 808, 88-120.	2.5	40
33	ABC of SUSY. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 073002.	3.6	13
34	Four-fermion production near the W pair-production threshold. Nuclear Physics B, 2008, 792, 89-135.	2.5	31
35	Heavy quark pair production near threshold with potential non-relativistic QCD. Nuclear Physics B, 2007, 762, 67-94.	2.5	74
36	Combined fixed-order and effective-theory approach to $<mml:math\ altimg="si1.gif"\ overflow="scroll"\ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd"\ xmlns:xs="http://www.w3.org/2001/XMLSchema"\ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"\ xmlns="http://www.elsevier.com/xml/ja/dtd"\ xmlns:ja="http://www.elsevier.com/xml/ja/dtd"\ xmlns:mml="http://www.w3.org/1998/Math/MathML"\ xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"\ xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd"\ xmlns:ce="ht$. Physics Letters, Section	4.1	3

#	ARTICLE	IF	CITATIONS
37	Renormalization-group improved sum rule analysis for the bottom-quark mass. Physical Review D, 2006, 73, .	4.7	27
38	Towards pair production near threshold with unstable particle effective theory. Nuclear Physics, Section B, Proceedings Supplements, 2006, 152, 162-167.	0.4	4
39	Factorization and regularization by dimensional reduction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 626, 127-138.	4.1	29
40	Effective Theory Approach to Unstable Particle Production. Physical Review Letters, 2004, 93, .	7.8	77
41	Infrared-finite amplitudes for massless gauge theories. Nuclear Physics B, 2004, 684, 125-161.	2.5	12
42	Effective theory calculation of resonant high-energy scattering. Nuclear Physics B, 2004, 686, 205-247.	2.5	61
43	Gluon induced contributions to $Z\gamma$ production at hadron colliders. Physical Review D, 2003, 67, .	4.7	12
44	Gluon induced contributions to WZ and $W\gamma$ production at NNLO. Physical Review D, 2002, 65, .	4.7	11
45	Non-factorizable corrections and effective field theories. Nuclear Physics B, 2002, 621, 257-302.	2.5	19
46	Top-Antitop Pair Production Close to Threshold Synopsis of Recent NNLO Results. EPJ Direct, 2000, 2, 1-22.	0.1	52
47	$Wgamma$ and $Zgamma$ production at hadron colliders. European Physical Journal C, 2000, 16, 105-114.	3.9	48
48	Anomalous triple and quartic gauge boson couplings. Journal of Physics G: Nuclear and Particle Physics, 2000, 26, 607-615.	3.6	25
49	Vector boson pair production in hadronic collisions at $O(\alpha_s)$:Lepton correlations and anomalous couplings. Physical Review D, 1999, 60, .	4.7	130
50	The bottom quark mass from sum rules at next-to-next-to-leading order. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 471, 233-243.	4.1	106
51	Top quark production near threshold and the top quark mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 454, 137-146.	4.1	104
52	Next-to-leading order jet cross sections in polarized hadronic collisions. Nuclear Physics B, 1999, 539, 455-476.	2.5	40
53	Helicity amplitudes for $O(\alpha_s)$ production of W+Wâˆ', WÂ±Z, ZZ, WÂ±γ, or Zγ pairs at hadron colliders. Nuclear Physics B, 1998, 531, 3-23.	2.5	139
54	Two-Loop Corrections to the Leptonic Decays of Quarkonium. Physical Review Letters, 1998, 80, 2535-2538.	7.8	165

#	Article	IF	Citations
55	Electron-Positron Annihilation into Four Jets at Next-to-Leading Order inÎ±s. Physical Review Letters, 1997, 78, 811-814.	7.8	61
56	CompleteO(Î±s3)results fore+eâˆ'â†'(Î³,Z)â†'four jets. Physical Review D, 1997, 56, 4031-4038.	4.7	54
57	MENLO_PARC, a program for e+eâˆ' â†' 4 jets at next-to-leading order. Computer Physics Communications, 1997, 106, 125-138.	7.5	4
58	Three-jet cross sections to next-to-leading order. Nuclear Physics B, 1996, 467, 399-442.	2.5	599
59	One-loop corrections to five-parton amplitudes with external photons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 204-210.	4.1	17
60	Collinear limits of one-loop helicity amplitudes in QCD. Acta Physica Hungarica A Heavy Ion Physics, 1995, 1, 43-51.	0.4	0
61	One-loop radiative corrections to the helicity amplitudes of QCD processes involving four quarks and one gluon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 529-536.	4.1	85
62	Singular terms of helicity amplitudes at one loop in QCD and the soft limit of the cross sections of multi-parton processes. Nuclear Physics B, 1994, 420, 550-564.	2.5	109
63	One-loop helicity amplitudes for all 2 â†' 2 processes in QCD and N = 1 supersymmetric Yang-Mills theory. Nuclear Physics B, 1994, 411, 397-442.	2.5	171