

# Werner Bernreuther

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,378  
citations

394421

19  
h-index

434195

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3646  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric dipole moment of the tau lepton revisited. Physical Review D, 2021, 103, .	4.7	11
2	Probing the tau electric dipole moment at the BEPC-II collider. Physical Review D, 2021, 104, .	4.7	2
3	Polarized $\overline{q}q'$ Z+Higgs amplitudes at two loops in QCD: the interplay between vector and axial vector form factors and a pitfall in applying a non-anticommuting $\hat{3}$ . Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
4	Differential decay rates of CP-even and CP-odd Higgs bosons to top and bottom quarks at NNLO QCD. Journal of High Energy Physics, 2018, 2018, 1.	4.7	37
5	The forward-backward asymmetry for massive bottom quarks at the Z peak at next-to-next-to-leading order QCD. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
6	Top-quark pair production at next-to-next-to-leading order QCD in electron positron collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
7	Determination of the Higgs CP-mixing angle in the tau decay channels. Nuclear and Particle Physics Proceedings, 2016, 273-275, 841-845.	0.5	2
8	Improved effective vector boson approximation revisited. Physical Review D, 2016, 93, .	4.7	4
9	Prospects of constraining the Higgs boson $\hat{C}P$ nature in the tau decay channel at the LHC. Physical Review D, 2015, 92, .	4.7	36
10	A set of top quark spin correlation and polarization observables for the LHC: Standard Model predictions and new physics contributions. Journal of High Energy Physics, 2015, 2015, 1-36.	4.7	32
11	Top-quark physics at colliders. Nuclear and Particle Physics Proceedings, 2015, 261-262, 414-442.	0.5	8
12	The real $\hat{C}P$ virtual antenna functions for $S^*Q\bar{Q}X$ at NNLO QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 325-333.	4.1	7
13	Determination of the Higgs CP-mixing angle in the tau decay channels at the LHC including the Drell-Yan background. European Physical Journal C, 2014, 74, 1.	3.9	33
14	Higgs CP properties using the $\hat{I}_3$ decay modes at the ILC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 488-495.	4.1	37
15	The real radiation antenna functions for $S^*Q\bar{Q}gg$ at NNLO QCD. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19
16	Top quark spin correlations and polarization at the LHC: Standard model predictions and effects of anomalous top chromo moments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 115-122.	4.1	66
17	Top quark and leptonic charge asymmetries for the Tevatron and LHC. Physical Review D, 2012, 86, .	4.7	107
18	The real radiation antenna function for $S^*Q\bar{Q}q$ at NNLO QCD. Journal of High Energy Physics, 2011, 2011, 1.	4.7	29

#	ARTICLE	IF	CITATIONS
19	Pseudoscalar Higgs bosons at the LHC: production and decays into electroweak gauge bosons revisited. European Physical Journal C, 2010, 69, 31-43.	3.9	31
20	Distributions and correlations for top quark pair production and decay at the Tevatron and LHC. Nuclear Physics B, 2010, 837, 90-121.	2.5	175
21	Determining the CP parity of Higgs bosons at the LHC in the $\tilde{I}$ , to 1-prong decay channels. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 470-476.	4.1	52
22	The top-quark decay vertex in standard model extensions. European Physical Journal C, 2009, 60, 197-211.	3.9	33
23	Weak-interaction corrections to hadronic top-quark pair production: Contributions from quark-gluon and $b\bar{b}$ induced reactions. Determining the $C$ , $P$ Parity of Higgs Bosons via Their $\tilde{I}, \tilde{J}$ Decay Channels at the Large Hadron Collider.	4.7	30
24	Determining the $C$ , $P$ Parity of Higgs Bosons via Their $\tilde{I}, \tilde{J}$ Decay Channels at the Large Hadron Collider. Physical Review Letters, 2008, 100, 171605.	7.8	58
25	Weak interaction corrections to hadronic top quark pair production. Physical Review D, 2006, 74, .	4.7	79
26	Semileptonic decays of polarised top quarks: V+A admixture and QCD corrections. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 582, 32-38.	4.1	11
27	Next-to-Leading Order QCD Corrections to Three-Jet Cross Sections with Massive Quarks. Physical Review Letters, 1997, 79, 189-192.	7.8	76
28	Transverse polarization of top quark pairs at the Tevatron and the Large Hadron Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 368, 153-162.	4.1	45
29	Tracing CP violation in the production of top quark pairs by multiple TeV proton-proton collisions. Physical Review D, 1994, 49, 4481-4492.	4.7	94
30	Decoupling of heavy quarks in the minimal subtraction scheme. Nuclear Physics B, 1982, 197, 228-236.	2.5	215