

Ulrich Nierste

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

3,024
citations

236925

25
h-index

206112

48
g-index

49
all docs

49
docs citations

49
times ranked

3566
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective Lagrangian for the interaction in the MSSM and charged Higgs phenomenology. Nuclear Physics B, 2000, 577, 88-120.	2.5	441
2	Theoretical update of $B_s \rightarrow \bar{B}_s$ mixing. Journal of High Energy Physics, 2007, 2007, 072-072.	4.7	341
3	$b \rightarrow s$ and supersymmetry with large $\tan\beta$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 141-146.	4.1	273
4	Enhancement of the KL-KS mass difference by short-distance QCD corrections beyond leading logarithms. Nuclear Physics B, 1994, 419, 292-322.	2.5	193
5	The complete $ \hat{T}^3 = 2$ Hamiltonian in the next-to-leading order. Nuclear Physics B, 1996, 476, 27-88.	2.5	135
6	Evanescent operators, scheme dependences and double insertions. Nuclear Physics B, 1995, 455, 39-58.	2.5	123
7	$B \rightarrow \bar{A}, \bar{A}, \bar{A}$ in a two-Higgs-doublet model. Nuclear Physics B, 2000, 586, 39-55.	2.5	117
8	CP asymmetry in flavour-specific B decays beyond leading logarithms. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 173-183.	4.1	116
9	Indirect CP violation in the neutral kaon system beyond leading logarithms. Physical Review D, 1995, 52, 6505-6518.	4.7	107
10	Charm quark contribution to $K \rightarrow \hat{\pi} \ell^+ \ell^-$ next-to-next-to-leading order. Journal of High Energy Physics, 2006, 2006, 002-002.	4.7	107
11	Impact of a Higgs Boson at a Mass of 126 GeV on the Standard Model with Three and Four Fermion Generations. Physical Review Letters, 2012, 109, 241802.	7.8	106
12	Status of the two-Higgs-doublet model of type II. Journal of High Energy Physics, 2013, 2013, 1.	4.7	105
13	The $B \rightarrow \bar{B} D_0$ lifetime difference beyond leading logarithms. Nuclear Physics B, 2002, 639, 389-407.	2.5	71
14	Supersymmetric Explanation of $C \rightarrow P$ Violation in $K \rightarrow \hat{\pi} \ell^+ \ell^-$ Decays. Physical Review Letters, 2016, 117, 091802.	7.8	60
15	Benchmarks for Higgs boson pair production and heavy Higgs boson searches in the two-Higgs-doublet model of type II. Physical Review D, 2014, 90, .	4.7	58
16	Resummation of $\tan\beta$ -enhanced supersymmetric loop corrections beyond the decoupling limit. Journal of High Energy Physics, 2009, 2009, 081-081.	4.7	57
17	Higgs sector of the minimal left-right symmetric model. Physical Review D, 2002, 65, .	4.7	54
18	Topological amplitudes in $D \rightarrow S U$ decays to two pseudoscalars: A global analysis with linear $S U$		

#	ARTICLE	IF	CITATIONS
19	Penguin diagrams, charmless B decays, and the missing charm puzzle. Physical Review D, 1997, 56, 7228-7239.	4.7	43
20	Singularity-free next-to-leading order $\hat{S} = 1$ renormalization group evolution and $\hat{\mu}_K \hat{\alpha}^2 / \hat{\mu}_K$ in the Standard Model and beyond. Journal of High Energy Physics, 2016, 2016, 1.	4.7	35
21	Lepton flavour violation in the MSSM. Journal of High Energy Physics, 2010, 2010, 1.	4.7	33
22	Sum Rules of Charm Asymmetries beyond the $SU(3)_C$ Phases in B_c to Charmonium. Physical Review Letters, 2015, 115, 061802.	7.8	33
23	Supersymmetric renormalization of the CKM matrix and new constraints on the squark mass matrices. Physical Review D, 2009, 79, .	4.7	30
24	Penguin Contributions to B_c Phases in B_c to Charmonium. Physical Review Letters, 2015, 115, 061802.	7.8	28
25	Higgs sector renormalization group in the \overline{MS} - and on-mass-shell scheme: The breakdown of perturbation theory for a heavy Higgs boson. Physical Review D, 1996, 53, 6638-6652.	4.7	27
26	Joint analysis of Higgs boson decays and electroweak precision observables in the standard model with a sequential fourth generation. Physical Review D, 2012, 86, .	4.7	26
27	Supersymmetric Higgs sector and B_s mixing for large $\tan\beta$. Physical Review D, 2011, 84, .	4.7	25
28	B_s mixing for large $\tan\beta$ in the MSSM in light of the B_s violation. Physical Review D, 2012, 86, .	4.7	24
29	Status of the fourth fermion generation before ICHEP2012: Higgs data and electroweak precision observables. Physical Review D, 2012, 86, .	4.7	22
30	B_c violation in B_c to Charmonium. Physical Review D, 2015, 92, .	4.7	22
31	Probing penguin coefficients with the lifetime ratio $\tau(B_s)/\tau(B_d)$. Physical Review D, 1998, 57, 4282-4289.	4.7	17
32	Neutral Decays as Discovery Channels for Charm Violation. Physical Review Letters, 2015, 115, 061802.	7.8	16
33	Higgs portal to dark matter and $B \rightarrow K^{(*)}$ decays. European Physical Journal C, 2020, 80, 1.	3.9	16
34	Vacuum stability of the effective Higgs potential in the minimal supersymmetric standard model. Physical Review D, 2014, 90, .	4.7	14
35	Penguin contribution to the width difference and CP asymmetry in $B_q \rightarrow B_q^* q$ mixing at order $\hat{S} \pm 2N_f$. Physical Review D, 2020, 102, .	4.7	14
36	Lepton flavour violation in the MSSM: exact diagonalization vs mass expansion. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13

#	ARTICLE	IF	CITATIONS
37	Two-loop QCD penguin contribution to the width difference in B_s mixing. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
38	Higgs boson decay into a lepton pair and a photon revisited. Physical Review D, 2020, 101, .	4.7	9
39	$B_s - \overline{B}_s$ mixing in an SO(10) SUSY GUT model. European Physical Journal C, 2004, 33, s256-s258.	3.9	8
40	Flavor physics in an SO(10) grand unified model. Journal of High Energy Physics, 2011, 2011, 1.	4.7	8
41	Cornering Spontaneous C Violation with Charged-Higgs-Boson Searches. Physical Review Letters, 2020, 125, 031801.	7.8	7
42	The width difference in B beyond mixing at order $\hat{\epsilon}$ s and. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
43	Modified majoron model for cosmological anomalies. Physical Review D, 2021, 104, .	4.7	4
44	Higgs boson decay into a lepton pair and a photon: A roadmap to the discovery of $H \rightarrow Z \hat{\tau}^3$ and probes of new physics. Physical Review D, 2022, 105, .	4.7	3
45	Flavour and CP Violation. Journal of Physics: Conference Series, 2013, 447, 012017.	0.4	2
46	Addendum to: Towards next-to-next-to-leading-log accuracy for the width difference in the B_s system: fermionic contributions to order $(mc/mb)^0$ and $(mc/mb)^1$. Journal of High Energy Physics, 2022, 2022, .	4.7	1
47	Quark-Flavour Physics. , 2015, , 301-353.		0