

Matthias Neubert

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

8,685
citations

71102

41
h-index

60623

81
g-index

84
all docs

84
docs citations

84
times ranked

7154
citing authors

#	ARTICLE	IF	CITATIONS
19	Two-loop divergences of massive scattering amplitudes in non-abelian gauge theories. Journal of High Energy Physics, 2009, 2009, 062-062.	4.7	124
20	Infrared singularities of QCD amplitudes with massive partons. Physical Review D, 2009, 79, .	4.7	123
21	Axionlike Particles, Lepton Flavor Violation and a New Explanation of α_s $\frac{1}{4} a$ and $a e$ Physical Review Letters, 2020, 124, 211803.	7.8	113
22	Spectator interactions in soft-collinear effective theory. Nuclear Physics B, 2003, 657, 229-256.	2.5	110
23	Two-Loop Divergences of QCD Scattering Amplitudes with Massive Partons. Physical Review Letters, 2009, 103, 201601.	7.8	108
24	Factorization and N ³ LLp+NNLO predictions for the Higgs cross section with a jet veto. Journal of High Energy Physics, 2013, 2013, 1.	4.7	92
25	The low-energy effective theory of axions and ALPs. Journal of High Energy Physics, 2021, 2021, 1.	4.7	91
26	Sudakov Resummation for Subleading SCET Currents and Heavy-to-Light Form Factors. Journal of High Energy Physics, 2004, 2004, 081-081.	4.7	89
27	Effective Field Theory for Jet Processes. Physical Review Letters, 2016, 116, 192001.	7.8	89
28	NON-LEPTONIC WEAK DECAYS OF B MESONS. Advanced Series on Directions in High Energy Physics, 1998, , 294-344.	0.7	88
29	Electroweak gauge-boson production at small q_T : Infrared safety from the collinear anomaly. Journal of High Energy Physics, 2012, 2012, 1.	4.7	88
30	Factorization at subleading power and irreducible uncertainties in $B \rightarrow X_s \gamma$ decay. Journal of High Energy Physics, 2010, 2010, 1.	4.7	81
31	Higgs-boson production at small transverse momentum. Journal of High Energy Physics, 2013, 2013, 1.	4.7	81
32	Precision predictions for the $t\bar{t} \rightarrow \hat{A}^0$ production cross section at hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 135-141.	4.1	76
33	Model-independent properties of the B-meson distribution amplitude. Physical Review D, 2005, 72, .	4.7	73
34	Reading the footprints of the B-meson flavor anomalies. Journal of High Energy Physics, 2021, 2021, 1.	4.7	72
35	RG-improved single-particle inclusive cross sections and forward-backward asymmetry in $t\bar{t}$ production at hadron colliders. Journal of High Energy Physics, 2011, 2011, 1.	4.7	68
36	Top-pair forward-backward asymmetry beyond next-to-leading order. Physical Review D, 2011, 84, .	4.7	67

#	ARTICLE	IF	CITATIONS
55	Factorization at subleading power and endpoint divergences in $h \rightarrow \tau^+ \tau^-$ decay. Part II. Renormalization and scale evolution. Journal of High Energy Physics, 2021, 2021, 1.	4.7	26
56	Higgs production and decay in models of a warped extra dimension with a bulk Higgs. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
57	Factorization at subleading power, Sudakov resummation, and endpoint divergences in soft-collinear effective theory. Physical Review D, 2021, 104, .	4.7	25
58	Higher-order QCD predictions for dark matter production in mono-Z searches at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
59	Solution to the Flavor Problem of Warped Extra-Dimension Models. Physical Review Letters, 2012, 108, 081603.	7.8	23
60	5D perspective on Higgs production at the boundary of a warped extra dimension. Journal of High Energy Physics, 2014, 2014, 1.	4.7	23
61	ALP \rightarrow SMEFT interference. Journal of High Energy Physics, 2021, 2021, 1.	4.7	20
62	Renormalization and scale evolution of the soft-quark soft function. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
63	NNLL momentum-space resummation for stop-pair production at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	4.7	18
64	Soft-gluon resummation for slepton-pair production at hadron colliders. Journal of High Energy Physics, 2012, 2012, 1.	4.7	17
65	Effective field theory after a new-physics discovery. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
66	Diphoton resonance from a warped extra dimension. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
67	Evolution of the $\langle B \rangle$ meson light-cone distribution amplitude in Laplace space. Physical Review D, 2020, 102, .	4.7	15
68	Exclusive weak radiative Higgs decays in the standard model and beyond. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
69	Dynamical origin of fermion bulk masses in a warped extra dimension. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
70	Resummation of Super-Leading Logarithms. Physical Review Letters, 2021, 127, 212002.	7.8	12
71	A warped scalar portal to fermionic dark matter. European Physical Journal C, 2021, 81, 1.	3.9	9
72	Radiative quark jet function with an external gluon. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9

#	ARTICLE	IF	CITATIONS
73	Higgs decay into two photons in a warped extra dimension. European Physical Journal C, 2014, 74, 2857.	3.9	8
74	Higgs couplings and phenomenology in a warped extra dimension. Journal of High Energy Physics, 2015, 2015, 1.	4.7	8
75	EFFECTIVE FIELD THEORY AND HEAVY QUARK PHYSICS. , 2006, , .		8
76	Exclusive radiative Z-boson decays to mesons with flavor-singlet components. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
77	Flavour, electroweak symmetry breaking and dark matter: state of the art and future prospects. European Physical Journal Plus, 2015, 130, 1.	2.6	3
78	Impact of warped extra dimensions on the dipole coefficients in $b \rightarrow s \gamma$ transitions. Journal of High Energy Physics, 2016, 2016, 1-57.	4.7	2
79	Effective field theory for heavy vector resonances coupled to the Standard Model. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
80	SOFT-COLLINEAR FACTORIZATION AND THE CALCULATION OF THE $B \rightarrow X_s \gamma$ RATE. , 2004, , .		0