

Ulrich Haisch

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,910
citations

236925

25
h-index

243625

44
g-index

48
all docs

48
docs citations

48
times ranked

5534
citing authors

#	ARTICLE	IF	CITATIONS
1	Off-shell Higgs production at the LHC as a probe of the trilinear Higgs coupling. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
2	Probing Higgs portals with matrix-element based kinematic discriminants in $ZZ \rightarrow 4\ell$ production. Journal of High Energy Physics, 2022, 2022, .	4.7	1
3	Resonant third-generation leptoquark signatures at the Large Hadron Collider. Journal of High Energy Physics, 2021, 2021, 1.	4.7	24
4	Light-cone sum rules for proton decay. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
5	Searching for pseudo Nambu-Goldstone boson dark matter production in association with top quarks. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
6	Beautiful and charming chromodipole moments. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
7	Semi-leptonic three-body proton decay modes from light-cone sum rules. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
8	Collider Searches for Dark Matter through the Higgs Lens. Symmetry, 2021, 13, 2406.	2.2	16
9	LHC Dark Matter Working Group: Next-generation spin-0 dark matter models. Physics of the Dark Universe, 2020, 27, 100351.	4.9	36
10	Dark Matter benchmark models for early LHC Run-2 Searches: Report of the ATLAS/CMS Dark Matter Forum. Physics of the Dark Universe, 2020, 27, 100371.	4.9	126
11	Singlet night in Feynman-ville: one-loop matching of a real scalar. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
12	Asymmetric heavy-quark hadroproduction at LHCb: predictions and applications. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
13	Two-loop amplitudes for Higgs plus jet production involving a modified trilinear Higgs coupling. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
14	Searching for production of dark matter in association with top quarks at the LHC. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
15	Searching for dark matter in final states with two jets and missing transverse energy. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
16	Constraints on the quartic Higgs self-coupling from double-Higgs production at future hadron colliders. Journal of High Energy Physics, 2019, 2019, 1.	4.7	25
17	Sum rules for CP-violating operators of Weinberg type. Journal of High Energy Physics, 2019, 2019, 1.	4.7	25
18	Bounds on CP-violating Higgs-gluon interactions: the case of vanishing light-quark Yukawa couplings. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5

#	ARTICLE	IF	CITATIONS
19	Recommendations of the LHC Dark Matter Working Group: Comparing LHC searches for dark matter mediators in visible and invisible decay channels and calculations of the thermal relic density. Physics of the Dark Universe, 2019, 26, 100377.	4.9	36
20	Let there be light from a second light Higgs doublet. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
21	Collider constraints on light pseudoscalars. Journal of High Energy Physics, 2018, 2018, 1.	4.7	35
22	Searching for heavy Higgs bosons in the $Z\gamma$ and $t\bar{t}W$ final states. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18
23	Towards the next generation of simplified Dark Matter models. Physics of the Dark Universe, 2017, 16, 49-70.	4.9	34
24	Constraining Light-Quark Yukawa Couplings from Higgs Distributions. Physical Review Letters, 2017, 118, 121801.	7.8	58
25	Determining the CP nature of spin-0 mediators in associated production of dark matter and $t\bar{t}Z$ pairs. Journal of High Energy Physics, 2017, 2017, 1.	4.7	32
26	Simplified dark matter models with two Higgs doublets: I. Pseudoscalar mediators. Journal of High Energy Physics, 2017, 2017, 1.	4.7	81
27	Regarding light resonance interpretations of the $b\bar{b}B$ decay anomalies. Physical Review D, 2017, 96, .	4.7	23
28	Constraints on the trilinear Higgs coupling from vector boson fusion and associated Higgs production at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	49
29	Stop searches in flavourful supersymmetry. Journal of High Energy Physics, 2016, 2016, 1.	4.7	2
30	Indirect probes of the trilinear Higgs coupling: $gg\hat{t}^*h$ and $h\hat{t}^*\hat{t}^3$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	54
31	On mono-W signatures in spin-1 simplified models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 207-213.	4.1	25
32	Searching for new spin-0 resonances at LHCb. Physical Review D, 2016, 93, .	4.7	17
33	LHC constraints on gauge boson couplings to dark matter. Physical Review D, 2015, 91, .	4.7	30
34	Anomalous triple gauge couplings from B-meson and kaon observables. Journal of High Energy Physics, 2015, 2015, 1.	4.7	16
35	Simplified dark matter top-quark interactions at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	86
36	Simplified models for dark matter searches at the LHC. Physics of the Dark Universe, 2015, 9-10, 8-23.	4.9	250

#	ARTICLE	IF	CITATIONS
37	Beauty-quark and charm-quark pair production asymmetries at LHCb. Physical Review D, 2015, 92, .	4.7	9
38	Minimal $Z \rightarrow B K$ of the $B \rightarrow K \hat{=}_{1/4} + \hat{=}_{1/4}$ anomaly. Physical Review D, 2014, 89, .	4.7	96
39	An explicit $Z \hat{=}^2$ -boson explanation of the $B \hat{=} K \hat{=} - \hat{=}_{1/4} + \hat{=}_{1/4}$ anomaly. Journal of High Energy Physics, 2014, 2014, 1.	4.7	147
40	Searching for $t \hat{=} c(u)h$ with dipole moments. Journal of High Energy Physics, 2014, 2014, 1.	4.7	28
41	On new physics in $\hat{=}^{\hat{=}}$ d. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
42	The impact of heavy-quark loops on LHC dark-matter searches. Journal of High Energy Physics, 2013, 2013, 1.	4.7	76
43	Loop corrections to $\hat{=}^N$ eff in large volume models. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
44	QCD effects in mono-jet searches for dark matter. Journal of High Energy Physics, 2013, 2013, 1.	4.7	56
45	Constraints on CP-violating Higgs couplings to the third generation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	141
46	MSSM: cornered and correlated. Journal of High Energy Physics, 2013, 2013, 1.	4.7	29
47	Higgs production in a warped extra dimension. Journal of High Energy Physics, 2012, 2012, 1.	4.7	32