

# Ulrich Haisch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1848974/publications.pdf>

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  | Simplified models for dark matter searches at the LHC. Physics of the Dark Universe, 2015, 9-10, 8-23.  | 4.9 | 250       |
| 2  | An explicit Z $\hat{\epsilon}^2$ -boson explanation of the $B \hat{\tau}^+ K \hat{\tau}^- \hat{\nu}_\mu + \hat{\nu}_\mu \hat{\tau}^+$ anomaly. Journal of High Energy Physics, 2014, 2014, 1.   | 4.7 | 147       |
| 3  | Constraints on CP-violating Higgs couplings to the third generation. Journal of High Energy Physics, 2013, 2013, 1.   | 4.7 | 141       |
| 4  | 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       |
| 5  | Minimal $Z \hat{\epsilon}^2$ of the $B \hat{\tau}^+ K \hat{\tau}^- \hat{\nu}_\mu + \hat{\nu}_\mu \hat{\tau}^+$ anomaly. Physical Review D, 2014, 89, ..   | 4.7 | 96        |
| 6  | Simplified dark matter top-quark interactions at the LHC. Journal of High Energy Physics, 2015, 2015, 1.  | 4.7 | 86        |
| 7  | Simplified dark matter models with two Higgs doublets: I. Pseudoscalar mediators. Journal of High Energy Physics, 2017, 2017, 1.  | 4.7 | 81        |
| 8  | The impact of heavy-quark loops on LHC dark-matter searches. Journal of High Energy Physics, 2013, 2013, 1.   | 4.7 | 76        |
| 9  | Constraining Light-Quark Yukawa Couplings from Higgs Distributions. Physical Review Letters, 2017, 118, 121801.   | 7.8 | 58        |
| 10 | QCD effects in mono-jet searches for dark matter. Journal of High Energy Physics, 2013, 2013, 1.  | 4.7 | 56        |
| 11 | Indirect probes of the trilinear Higgs coupling: $gg \hat{\tau}^+ h$ and $h \hat{\tau}^+ \hat{\nu}_\mu^3$ . Journal of High Energy Physics, 2016, 2016, 1.  | 4.7 | 54        |
| 12 | 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        |
| 13 | On new physics in $\hat{\nu}_\mu \hat{\tau}^+$ . Journal of High Energy Physics, 2014, 2014, 1.   | 4.7 | 39        |
| 14 | Let there be light from a second light Higgs doublet. Journal of High Energy Physics, 2018, 2018, 1.  | 4.7 | 38        |
| 15 | LHC Dark Matter Working Group: Next-generation spin-0 dark matter models. Physics of the Dark Universe, 2020, 27, 100351.   | 4.9 | 36        |
| 16 | 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        |
| 17 | Collider constraints on light pseudoscalars. Journal of High Energy Physics, 2018, 2018, 1.   | 4.7 | 35        |
| 18 | Towards the next generation of simplified Dark Matter models. Physics of the Dark Universe, 2017, 16, 49-70.  | 4.9 | 34        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Higgs production in a warped extra dimension. Journal of High Energy Physics, 2012, 2012, 1.   | 4.7 | 32        |
| 20 | Determining the CP nature of spin-0 mediators in associated production of dark matter and $t\bar{t}$ pairs. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 32        |
| 21 | LHC constraints on gauge boson couplings to dark matter. Physical Review D, 2015, 91, .  | 4.7 | 30        |
| 22 | MSSM: cornered and correlated. Journal of High Energy Physics, 2013, 2013, 1.  | 4.7 | 29        |
| 23 | Searching for $t\bar{t}'c(u)h$ with dipole moments. Journal of High Energy Physics, 2014, 2014, 1.   | 4.7 | 28        |
| 24 | 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        |
| 25 | 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        |
| 26 | Sum rules for CP-violating operators of Weinberg type. Journal of High Energy Physics, 2019, 2019, 1.  | 4.7 | 25        |
| 27 | Resonant third-generation leptoquark signatures at the Large Hadron Collider. Journal of High Energy Physics, 2021, 2021, 1.                               | 4.7 | 24        |
| 28 | Regarding light resonance interpretations of the $B \rightarrow K^* \ell^+ \ell^-$ decay anomalies. Physical Review D, 2017, 96, .                         | 4.7 | 23        |
| 29 | Searching for heavy Higgs bosons in the $Z\bar{Z}$ and $t\bar{t}W$ final states. Journal of High Energy Physics, 2018, 2018, 1.                            | 4.7 | 18        |
| 30 | Searching for new spin-0 resonances at LHCb. Physical Review D, 2016, 93, .  | 4.7 | 17        |
| 31 | Singlet night in Feynman-ville: one-loop matching of a real scalar. Journal of High Energy Physics, 2020, 2020, 1.   | 4.7 | 17        |
| 32 | Anomalous triple gauge couplings from B-meson and kaon observables. Journal of High Energy Physics, 2015, 2015, 1.   | 4.7 | 16        |
| 33 | Collider Searches for Dark Matter through the Higgs Lens. Symmetry, 2021, 13, 2406.  | 2.2 | 16        |
| 34 | Loop corrections to $\hat{\Gamma}^N$ eff in large volume models. Journal of High Energy Physics, 2013, 2013, 1.  | 4.7 | 15        |
| 35 | 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        |
| 36 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Beauty-quark and charm-quark pair production asymmetries at LHCb. Physical Review D, 2015, 92, .  | 4.7 | 9         |
| 38 | 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         |
| 39 | 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         |
| 40 | Beautiful and charming chromodipole moments. Journal of High Energy Physics, 2021, 2021, 1.   | 4.7 | 7         |
| 41 | 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         |
| 42 | Asymmetric heavy-quark hadroproduction at LHCb: predictions and applications. Journal of High Energy Physics, 2019, 2019, 1.                                | 4.7 | 5         |
| 43 | 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         |
| 44 | Light-cone sum rules for proton decay. Journal of High Energy Physics, 2021, 2021, 1.   | 4.7 | 3         |
| 45 | Stop searches in flavourful supersymmetry. Journal of High Energy Physics, 2016, 2016, 1.   | 4.7 | 2         |
| 46 | Semi-leptonic three-body proton decay modes from light-cone sum rules. Journal of High Energy Physics, 2021, 2021, 1.                                       | 4.7 | 2         |
| 47 | 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         |