

Andrea Thamm

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,438
citations

430874

18
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

5493
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Collider probes of axion-like particles. <i>Journal of High Energy Physics</i> , 2017, 2017, 1. | 4.7 | 266 |
| 2 | Long-lived particles at the energy frontier: the MATHUSLA physics case. <i>Reports on Progress in Physics</i> , 2019, 82, 116201. | 20.1 | 220 |
| 3 | Heavy vector triplets: bridging theory and data. <i>Journal of High Energy Physics</i> , 2014, 2014, 1. | 4.7 | 144 |
| 4 | Axion-like particles at future colliders. <i>European Physical Journal C</i> , 2019, 79, 1. | 3.9 | 125 |
| 5 | Axionlike Particles, Lepton-Flavor Violation, and a New Explanation of $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{display}=\text{"inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle a \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle^{\hat{1}/4} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{display}=\text{"inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle a \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. <i>Physical Review Letters</i> , 2020, 124, 211803. | 7.8 | 113 |
| 6 | The low-energy effective theory of axions and ALPs. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 91 |
| 7 | Strong Higgs interactions at a linear collider. <i>Journal of High Energy Physics</i> , 2014, 2014, 1. | 4.7 | 68 |
| 8 | LHC as an Axion Factory: Probing an Axion Explanation for $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{display}=\text{"inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \text{stretchy}=\text{"false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle g \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle$ with Exotic Higgs Decays. <i>Physical Review Letters</i> , 2017, 119, 031802. | 4.7 | 58 |
| 9 | Future tests of Higgs compositeness: direct vs indirect. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. | 4.7 | 55 |
| 10 | A minimally tuned composite Higgs model from an extra dimension. <i>Journal of High Energy Physics</i> , 2013, 2013, 1. | 4.7 | 53 |
| 11 | Lifting degeneracies in Higgs couplings using single top production in association with a Higgs boson. <i>Journal of High Energy Physics</i> , 2013, 2013, 1. | 4.7 | 40 |
| 12 | On the effective operators for Dark Matter annihilations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 039-039. | 5.4 | 36 |
| 13 | Consistent Treatment of Axions in the Weak Chiral Lagrangian. <i>Physical Review Letters</i> , 2021, 127, 081803. | 7.8 | 33 |
| 14 | The coannihilation codex. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-86. | 4.7 | 32 |
| 15 | Composite Heavy Vector Triplet in the ATLAS Diboson Excess. <i>Physical Review Letters</i> , 2015, 115, 221802. | 7.8 | 29 |
| 16 | Analyzing the $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{display}=\text{"inline"} \rangle \langle \text{mml:mi} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Nature of a New Scalar Particle via $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{display}=\text{"inline"} \rangle \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy}=\text{"false"} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle h \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Decays. <i>Physical Review Letters</i> , 2016, 117, 181801. | 7.8 | 26 |
| 17 | Light resonances and the low-q2 bin of $\$ \$ \{R\}_{\{K^{\{*\}}\}} \$ \$$. <i>Journal of High Energy Physics</i> , 2018, 2018, 1. | 4.7 | 25 |
| 18 | Leptonic WIMP coannihilation and the current dark matter WIMP search strategy. <i>Journal of High Energy Physics</i> , 2018, 2018, 1. | 4.7 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Direct discovery of new light states at the FCCee. European Physical Journal Plus, 2021, 136, 1. | 2.6 | 3 |
| 20 | Strong triple Higgs production at CLIC. , 2012, , . | | 0 |