

Anson Hook

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10991505/publications.pdf>

Version: 2024-02-01

32
papers

1,518
citations

430874

18
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

4184
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Axion string signatures: a cosmological plasma collider. <i>Journal of High Energy Physics</i> , 2022, 2022, 1. | 4.7 | 14 |
| 2 | Dark matter from axion strings with adaptive mesh refinement. <i>Nature Communications</i> , 2022, 13, 1049. | 12.8 | 82 |
| 3 | Causal gravitational waves as a probe of free streaming particles and the expansion of the Universe. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 42 |
| 4 | Naturalness without new particles. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 3 |
| 5 | Supernova constraints on an axion-photon-dark photon interaction. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 7 |
| 6 | Bounds on gauge bosons coupled to nonconserved currents. <i>Physical Review D</i> , 2021, 104, . | 4.7 | 5 |
| 7 | Time-varying fine structure constant from naturally ultralight dark matter. <i>Physical Review D</i> , 2021, 104, . | 4.7 | 11 |
| 8 | Black hole production of monopoles in the early universe. <i>Journal of High Energy Physics</i> , 2021, 2021, 1. | 4.7 | 8 |
| 9 | Non-linearly realized discrete symmetries. <i>Journal of High Energy Physics</i> , 2020, 2020, 1. | 4.7 | 7 |
| 10 | A CMB Millikan experiment with cosmic axiverse strings. <i>Journal of High Energy Physics</i> , 2020, 2020, 1. | 4.7 | 31 |
| 11 | Searching for millicharged particles with superconducting radio-frequency cavities. <i>Physical Review D</i> , 2020, 102, . | 4.7 | 4 |
| 12 | Scalars Gliding through an Expanding Universe. <i>Physical Review Letters</i> , 2020, 124, 211801. | 7.8 | 7 |
| 13 | High Quality QCD Axion and the LHC. <i>Physical Review Letters</i> , 2020, 124, 221801. | 7.8 | 59 |
| 14 | Searches for other vacua. Part II. A new Higgstory at the cosmological collider. <i>Journal of High Energy Physics</i> , 2020, 2020, 1. | 4.7 | 52 |
| 15 | Probing Axionlike Particles and the Axiverse with Superconducting Radio-Frequency Cavities. <i>Physical Review Letters</i> , 2019, 123, 021801. | 7.8 | 34 |
| 16 | Searches for other vacua. Part I. Bubbles in our universe. <i>Journal of High Energy Physics</i> , 2019, 2019, 1. | 4.7 | 8 |
| 17 | Long-lived particles at the energy frontier: the MATHUSLA physics case. <i>Reports on Progress in Physics</i> , 2019, 82, 116201. | 20.1 | 220 |
| 18 | Consequences of fine-tuning for fifth force searches. <i>Journal of High Energy Physics</i> , 2018, 2018, 1. | 4.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Primordial Anisotropies in the Gravitational Wave Background from Cosmological Phase Transitions. Physical Review Letters, 2018, 121, 201303. | 7.8 | 63 |
| 20 | Radio Signals from Axion Dark Matter Conversion in Neutron Star Magnetospheres. Physical Review Letters, 2018, 121, 241102. | 7.8 | 110 |
| 21 | The photophobic ALP. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 51 |
| 22 | Axion interferometry. Physical Review D, 2018, 98, . | 4.7 | 66 |
| 23 | Solving the Hierarchy Problem Discretely. Physical Review Letters, 2018, 120, 261802. | 7.8 | 60 |
| 24 | Probing axions with neutron star inspirals and other stellar processes. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 69 |
| 25 | Bounding millimagnetically charged particles with magnetars. Physical Review D, 2017, 96, . | 4.7 | 18 |
| 26 | A collider observable QCD axion. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 51 |
| 27 | Solving the Hierarchy Problem at Reheating with a Large Number of Degrees of Freedom. Physical Review Letters, 2016, 117, 251801. | 7.8 | 96 |
| 28 | Solving the wrong hierarchy problem. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 6 |
| 29 | Relaxation from particle production. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 68 |
| 30 | Low-energy supersymmetry breaking without the gravitino problem. Physical Review D, 2015, 92, . | 4.7 | 8 |
| 31 | Anomalous Solutions to the Strong $C P$ Problem. Physical Review Letters, 2015, 114, 141801. | 7.8 | 92 |
| 32 | Model-Independent Bounds on Kinetic Mixing. Advances in High Energy Physics, 2011, 2011, 1-8. | 1.1 | 160 |