

Christoph Weniger

List of Publications by Year in descending order

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13
papers

790
citations

840776

11
h-index

1125743

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13
all docs

13
docs citations

13
times ranked

1318
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Gamma ray signals from dark matter: Concepts, status and prospects. <i>Physics of the Dark Universe</i> , 2012, 1, 194-217. | 4.9 | 203 |
| 2 | New Limits on Dark Matter Annihilation from Alpha Magnetic Spectrometer Cosmic Ray Positron Data. <i>Physical Review Letters</i> , 2013, 111, 171101. | 7.8 | 193 |
| 3 | INDIRECT SEARCHES FOR DECAYING DARK MATTER. <i>International Journal of Modern Physics A</i> , 2013, 28, 1330040. | 1.5 | 90 |
| 4 | The Fermi-LAT GeV excess as a tracer of stellar mass in the Galactic bulge. <i>Nature Astronomy</i> , 2018, 2, 819-828. | 10.1 | 71 |
| 5 | Green Bank and Effelsberg Radio Telescope Searches for Axion Dark Matter Conversion in Neutron Star Magnetospheres. <i>Physical Review Letters</i> , 2020, 125, 171301. | 7.8 | 57 |
| 6 | The Lyman- α forest as a diagnostic of the nature of the dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 3456-3471. | 4.4 | 45 |
| 7 | Unique Multimessenger Signal of QCD Axion Dark Matter. <i>Physical Review Letters</i> , 2020, 124, 161101. | 7.8 | 36 |
| 8 | Bayesian model comparison and analysis of the Galactic disc population of gamma-ray millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3966-3987. | 4.4 | 28 |
| 9 | Differentiable strong lensing: uniting gravity and neural nets through differentiable probabilistic programming. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 381-393. | 4.4 | 23 |
| 10 | Transient Radio Signatures from Neutron Star Encounters with QCD Axion Miniclusters. <i>Physical Review Letters</i> , 2021, 127, 131103. | 7.8 | 23 |
| 11 | Assessing Near-Future Direct Dark Matter Searches with Benchmark-Free Forecasting. <i>Physical Review Letters</i> , 2018, 121, 181101. | 7.8 | 12 |
| 12 | Towards constraining warm dark matter with stellar streams through neural simulation-based inference. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1999-2011. | 4.4 | 8 |
| 13 | Millisecond Pulsars in the Galactic Bulge? An Extended Discussion on the Wavelet Analysis of the Fermi-LAT data. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 193-196. | 0.0 | 1 |