# Wei Xue

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7932010/publications.pdf

Version: 2024-02-01

| 53 | 2,551 | 172457 | 182427 |
|---|---|---|---|
| papers | citations | 29 h-index | 51 g-index |

| 53 | 53 | 53 | 6223 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> -Portal Continuum Dark Matter. Physical Review Letters, 2022, 128, 081807. | 7.8 | 8 |
| 2 | Continuum dark matter. Physical Review D, 2022, 105, . | 4.7 | 10 |
| 3 | Superfluid effective field theory for dark matter direct detection. Journal of High Energy Physics, 2022, 2022, 1. | 4.7 | 3 |
| 4 | Radio-frequency Dark Photon Dark Matter across the Sun. Physical Review Letters, 2021, 126, 181102. | 7.8 | 16 |
| 5 | Reexamining the Solar Axion Explanation for the XENON1T Excess. Physical Review Letters, 2020, 125, 131806. | 7.8 | 52 |
| 6 | Searching in CMS open data for dimuon resonances with substantial transverse momentum. Physical Review D, 2019, 100, . | 4.7 | 12 |
| 7 | Can the ANITA anomalous events be due to new physics?. Physical Review D, 2019, 100, . | 4.7 | 23 |
| 8 | Co-interacting dark matter. Physical Review D, 2019, 100, . | 4.7 | 2 |
| 9 | Exposing dark sector with future Z-factories. International Journal of Modern Physics A, 2019, 34, 1940010. | 1.5 | 1 |
| 10 | Opening up the QCD axion window. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 80 |
| 11 | Serendipity in dark photon searches. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 208 |
| 12 | Exposing the dark sector with future <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math> factories. Physical Review D, 2018, 97, . | 4.7 | 24 |
| 13 | Dark matter in the standard model?. Physical Review D, 2018, 98, . | 4.7 | 14 |
| 14 | Jet substructure studies with CMS open data. Physical Review D, 2017, 96, . | 4.7 | 40 |
| 15 | Exposing the QCD Splitting Function with CMS Open Data. Physical Review Letters, 2017, 119, 132003. | 7.8 | 62 |
| 16 | Deciphering the MSSM Higgs mass at future hadron colliders. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 3 |
| 17 | Enabling forbidden dark matter. Physical Review D, 2017, 96, . | 4.7 | 45 |
| 18 | Model-independent indirect detection constraints on hidden sector dark matter. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 024-024. | 5.4 | 98 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Evidence for Unresolved<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Point Sources in the Inner Galaxy. Physical Review Letters, 2016, 116, 051103. | 7.8 | 208 |
| 20 | Proposed Inclusive Dark Photon Search at LHCb. Physical Review Letters, 2016, 116, 251803. | 7.8 | 120 |
| 21 | Impeded Dark Matter. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 42 |
| 22 | SUSYâ€™s Ladder: reframing sequestering at Large Volume. Journal of High Energy Physics, 2016, 2016, 1-41. | 4.7 | 1 |
| 23 | Multimediator models for the Galactic Center gamma ray excess. Physical Review D, 2015, 91, . | 4.7 | 33 |
| 24 | Dark photons from charm mesons at LHCb. Physical Review D, 2015, 92, . | 4.7 | 106 |
| 25 | Signals of a light dark force in the galactic center. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 46 |
| 26 | Constraining the Higgs portal with antiprotons. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 26 |
| 27 | Inflation and alternatives with blue tensor spectra. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 075-075. | 5.4 | 29 |
| 28 | Scattering properties of dark atoms and molecules. Physical Review D, 2014, 89, . | 4.7 | 81 |
| 29 | Composite strongly interacting dark matter. Physical Review D, 2014, 90, . | 4.7 | 107 |
| 30 | The windows for kinetically mixed Zâ€²-mediated dark matter and the galactic center gamma ray excess. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 105 |
| 31 | 3.5ÂkeV x rays as the â€œ21Âcm lineâ€•of dark atoms, and a link to light sterile neutrinos. Physical Review D, 2014, 89, . | 4.7 | 45 |
| 32 | Can AMS-02 discriminate the origin of an anti-proton signal?. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 078-078. | 5.4 | 14 |
| 33 | Fermi Bubbles under Dark Matter Scrutiny Part II: Particle Physics Analysis. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 020-020. | 5.4 | 34 |
| 34 | Thermal axion production. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 011-011. | 5.4 | 116 |
| 35 | Interpretation of AMS-02 results: correlations among dark matter signals. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 003-003. | 5.4 | 35 |
| 36 | Optimistic CoGeNT analysis. Physical Review D, 2013, 87, . | 4.7 | 15 |

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|---|---|---|---|
| 37 | Closing supersymmetric resonance regions with direct detection experiments. Physical Review D, 2013, 88, . | 4.7 | 14 |
| 38 | Possibility of Testing the Light Dark Matter Hypothesis with the Alpha Magnetic Spectrometer. Physical Review Letters, 2013, 110, 041302. | 7.8 | 20 |
| 39 | IR divergences in inflation and entropy perturbations. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 035-035. | 5.4 | 30 |
| 40 | Supersymmetry breaking and dilaton stabilization in string gas cosmology. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 015-015. | 5.4 | 15 |
| 41 | Millicharged atomic dark matter. Physical Review D, 2012, 85, . | 4.7 | 143 |
| 42 | Dark forces and light dark matter. Physical Review D, 2012, 86, . | 4.7 | 86 |
| 43 | Cosmological ultraviolet/infrared divergences and de Sitter spacetime. Physical Review D, 2011, 83, . | 4.7 | 37 |
| 44 | Fluctuations in a HoÅ™ava-Lifshitz bouncing cosmology. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 020-020. | 5.4 | 54 |
| 45 | Overcoming gamma ray constraints with annihilating dark matter in MilkyÂWay subhalos. Physical Review D, 2010, 82, . | 4.7 | 11 |
| 46 | Leptons from dark matter annihilation in MilkyÂWay subhalos. Physical Review D, 2010, 81, . | 4.7 | 18 |
| 47 | Thermal fluctuations and bouncing cosmologies. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 037-037. | 5.4 | 47 |
| 48 | Non-Gaussianity in a matter bounce. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 011-011. | 5.4 | 92 |
| 49 | N-flation from multiple DBI type actions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 395-398. | 4.1 | 43 |
| 50 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-vacuum and inflationary bispectrum. Physical Review D, 2009, 79, . | 4.7 | 23 |
| 51 | Inflationary non-Gaussianity from thermal fluctuations. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 014. | 5.4 | 35 |
| 52 | Noncommutative geometry modified non-Gaussianities of cosmological perturbation. Physical Review D, 2008, 77, . | 4.7 | 11 |
| 53 | Generalized spaceâ€“time noncommutative inflation. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 011-011. | 5.4 | 8 |