

# Wei Xue

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

2,551  
citations

172457

29  
h-index

182427

51  
g-index

53  
all docs

53  
docs citations

53  
times ranked

6223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for Unresolved $\gamma$ -Ray Point Sources in the Inner Galaxy. Physical Review Letters, 2016, 116, 051103.	7.8	208
2	Serendipity in dark photon searches. Journal of High Energy Physics, 2018, 2018, 1.	4.7	208
3	Millicharged atomic dark matter. Physical Review D, 2012, 85, .	4.7	143
4	Proposed Inclusive Dark Photon Search at LHCb. Physical Review Letters, 2016, 116, 251803.	7.8	120
5	Thermal axion production. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 011-011.	5.4	116
6	Composite strongly interacting dark matter. Physical Review D, 2014, 90, .	4.7	107
7	Dark photons from charm mesons at LHCb. Physical Review D, 2015, 92, .	4.7	106
8	The windows for kinetically mixed $Z\epsilon^2$ -mediated dark matter and the galactic center gamma ray excess. Journal of High Energy Physics, 2014, 2014, 1.	4.7	105
9	Model-independent indirect detection constraints on hidden sector dark matter. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 024-024.	5.4	98
10	Non-Gaussianity in a matter bounce. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 011-011.	5.4	92
11	Dark forces and light dark matter. Physical Review D, 2012, 86, .	4.7	86
12	Scattering properties of dark atoms and molecules. Physical Review D, 2014, 89, .	4.7	81
13	Opening up the QCD axion window. Journal of High Energy Physics, 2018, 2018, 1.	4.7	80
14	Exposing the QCD Splitting Function with CMS Open Data. Physical Review Letters, 2017, 119, 132003.	7.8	62
15	Fluctuations in a Hava-Lifshitz bouncing cosmology. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 020-020.	5.4	54
16	Reexamining the Solar Axion Explanation for the XENON1T Excess. Physical Review Letters, 2020, 125, 131806.	7.8	52
17	Thermal fluctuations and bouncing cosmologies. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 037-037.	5.4	47
18	Signals of a light dark force in the galactic center. Journal of High Energy Physics, 2015, 2015, 1.	4.7	46

#	ARTICLE	IF	CITATIONS
19	3.5ÅkeV x rays as the $\epsilon$ 21Åcm line of dark atoms, and a link to light sterile neutrinos. Physical Review D, 2014, 89, .	4.7	45
20	Enabling forbidden dark matter. Physical Review D, 2017, 96, .	4.7	45
21	N-flaton from multiple DBI type actions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 395-398.	4.1	43
22	Impeded Dark Matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	42
23	Jet substructure studies with CMS open data. Physical Review D, 2017, 96, .	4.7	40
24	Cosmological ultraviolet/infrared divergences and de Sitter spacetime. Physical Review D, 2011, 83, .	4.7	37
25	Inflationary non-Gaussianity from thermal fluctuations. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 014.	5.4	35
26	Interpretation of AMS-02 results: correlations among dark matter signals. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 003-003.	5.4	35
27	Fermi Bubbles under Dark Matter Scrutiny Part II: Particle Physics Analysis. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 020-020.	5.4	34
28	Multimediator models for the Galactic Center gamma ray excess. Physical Review D, 2015, 91, .	4.7	33
29	IR divergences in inflation and entropy perturbations. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 035-035.	5.4	30
30	Inflation and alternatives with blue tensor spectra. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 075-075.	5.4	29
31	Constraining the Higgs portal with antiprotons. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
32	Exposing the dark sector with future $Z$ factories. Physical Review D, 2018, 97, .	4.7	24
33	$\hat{\mu}$ -vacuum and inflationary bispectrum. Physical Review D, 2009, 79, .	4.7	23
34	Can the ANITA anomalous events be due to new physics?. Physical Review D, 2019, 100, .	4.7	23
35	Possibility of Testing the Light Dark Matter Hypothesis with the Alpha Magnetic Spectrometer. Physical Review Letters, 2013, 110, 041302.	7.8	20
36	Leptons from dark matter annihilation in Milky Way subhalos. Physical Review D, 2010, 81, .	4.7	18

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37	Radio-frequency Dark Photon Dark Matter across the Sun. <i>Physical Review Letters</i> , 2021, 126, 181102.	7.8	16
38	Supersymmetry breaking and dilaton stabilization in string gas cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 015-015.	5.4	15
39	Optimistic CoGeNT analysis. <i>Physical Review D</i> , 2013, 87, .	4.7	15
40	Closing supersymmetric resonance regions with direct detection experiments. <i>Physical Review D</i> , 2013, 88, .	4.7	14
41	Can AMS-02 discriminate the origin of an anti-proton signal?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 078-078.	5.4	14
42	Dark matter in the standard model?. <i>Physical Review D</i> , 2018, 98, .	4.7	14
43	Searching in CMS open data for dimuon resonances with substantial transverse momentum. <i>Physical Review D</i> , 2019, 100, .	4.7	12
44	Noncommutative geometry modified non-Gaussianities of cosmological perturbation. <i>Physical Review D</i> , 2008, 77, .	4.7	11
45	Overcoming gamma ray constraints with annihilating dark matter in MilkyWay subhalos. <i>Physical Review D</i> , 2010, 82, .	4.7	11
46	Continuum dark matter. <i>Physical Review D</i> , 2022, 105, .	4.7	10
47	Generalized space-time noncommutative inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007, 2007, 011-011.	5.4	8
48	$\langle Z \rangle$ -Portal Continuum Dark Matter. <i>Physical Review Letters</i> , 2022, 128, 081807.	7.8	8
49	Deciphering the MSSM Higgs mass at future hadron colliders. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	3
50	Superfluid effective field theory for dark matter direct detection. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	3
51	Co-interacting dark matter. <i>Physical Review D</i> , 2019, 100, .	4.7	2
52	SUSY's Ladder: reframing sequestering at Large Volume. <i>Journal of High Energy Physics</i> , 2016, 2016, 1-41.	4.7	1
53	Exposing dark sector with future Z-factories. <i>International Journal of Modern Physics A</i> , 2019, 34, 1940010.	1.5	1