

Jia Liu

List of Publications by Year in descending order

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45
papers

1,647
citations

257450

24
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

2319
citing authors

#	ARTICLE	IF	CITATIONS
1	PAMELA data and leptonically decaying dark matter. <i>Physical Review D</i> , 2009, 79, .	4.7	168
2	CoGeNT interpretations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 018-018.	5.4	165
3	Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 090501.	3.6	133
4	Integrating out astrophysical uncertainties. <i>Physical Review D</i> , 2011, 83, .	4.7	129
5	A light complex scalar for the electron and muon anomalous magnetic moments. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	89
6	Discriminating different scenarios to account for the cosmic e^{\pm} excess by synchrotron and inverse Compton radiation. <i>Physical Review D</i> , 2009, 80, .	4.7	70
7	Boosted dark matter in IceCube and at the galactic center. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	66
8	Lepton jets from radiating dark matter. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	62
9	Enhancing Long-Lived Particles Searches at the LHC with Precision Timing Information. <i>Physical Review Letters</i> , 2019, 122, 131801.	7.8	57
10	Fuzzy dark matter and nonstandard neutrino interactions. <i>Physical Review D</i> , 2018, 97, .	4.7	55
11	An effective $\bar{\chi}\chi$ $\rightarrow e^+e^-$. <i>Physical Review D</i> , 2011, 84, .	4.7	54
12	Reexamining the Solar Axion Explanation for the XENON1T Excess. <i>Physical Review Letters</i> , 2020, 125, 131806.	7.8	52
13	Signals of a light dark force in the galactic center. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	46
14	Impeded Dark Matter. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	42
15	Prospects for detecting neutrino signals from annihilating/decaying dark matter to account for the PAMELA and ATIC results. <i>Physical Review D</i> , 2009, 79, .	4.7	33
16	The coannihilation codex. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-86.	4.7	32
17	Detecting light leptophilic gauge boson at BESIII detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 679, 362-368.	4.1	31
18	Seeking for sterile neutrinos with displaced leptons at the LHC. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	30

#	ARTICLE	IF	CITATIONS
19	A tale of two portals: testing light, hidden new physics at future $e + e \hat{a}^{\sim}$ colliders. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
20	A light Higgs at the LHC and the B-anomalies. Journal of High Energy Physics, 2018, 2018, 1.	4.7	26
21	Looking for new charged states at the LHC: signatures of magnetic and Rayleigh dark matter. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
22	New signatures of flavor violating Higgs couplings. Journal of High Energy Physics, 2016, 2016, 1.	4.7	25
23	Exposing the dark sector with future $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ factories. Physical Review D, 2018, 97, .	4.7	24
24	A light scalar explanation of $(g \hat{a}^{\sim} 2)^{1/4}$ and the KOTO anomaly. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
25	X-Ray Lines from Dark Matter Annihilation at the keV Scale. Physical Review Letters, 2018, 120, 061301.	7.8	22
26	Enhancing sensitivities to long-lived particles with high granularity calorimeters at the LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
27	Radio-frequency Dark Photon Dark Matter across the Sun. Physical Review Letters, 2021, 126, 181102.	7.8	16
28	Clumpiness enhancement of charged cosmic rays from dark matter annihilation with Sommerfeld effect. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 011-011.	5.4	14
29	Hiding missing energy in missing energy. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
30	Neutrino signals from solar neutralino annihilations in anomaly mediated supersymmetry breaking model. Physical Review D, 2008, 77, .	4.7	12
31	Hunting for dark matter coannihilation by mixing dijet resonances and missing transverse energy. Journal of High Energy Physics, 2016, 2016, 1.	4.7	12
32	Searching for the Higgsino-Bino sector at the LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
33	Searching for lepton portal dark matter with colliders and gravitational waves. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
34	Bottom-quark forward-backward asymmetry, dark matter, and the LHC. Physical Review D, 2018, 97, .	4.7	8
35	Challenges for a QCD axion at the 10 MeV scale. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
36	Dark matter transient annihilations in the early Universe. Physical Review D, 2022, 105, .	4.7	7

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37	Dark gamma-ray bursts. Physical Review D, 2017, 95, .	4.7	6
38	$\langle m \rangle^{1/2}$ solution to the strong C problem. Physical Review D, 2019, 100, .	4.7	6
39	Constraints on the dark matter annihilations by neutrinos with substructure effects included. Physical Review D, 2008, 78, .	4.7	5
40	Heavy long-lived coannihilation partner from inelastic Dark Matter model and its signatures at the LHC. Journal of High Energy Physics, 2022, 2022, 1.	4.7	4
41	The scale of superpartner masses and electroweakino searches at the high-luminosity LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
42	Co-interacting dark matter. Physical Review D, 2019, 100, .	4.7	2
43	$\langle m \rangle^{1/2}$ scalar in the early Universe and $(\langle m \rangle^2)^{1/2}$ ETQq1	4.7	1
44	Bottom-quark forward-backward asymmetry, dark matter and the LHC. International Journal of Modern Physics A, 2019, 34, 1940009.	1.5	1
45	Exposing dark sector with future Z-factories. International Journal of Modern Physics A, 2019, 34, 1940010.	1.5	1