

Jia Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1142264/publications.pdf>

Version: 2024-02-01

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	Dark matter transient annihilations in the early Universe. Physical Review D, 2022, 105, .	4.7	7
2	<p><math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mi>\hat{1}/2</mi></math> scalar in the early Universe and <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mo>stretchy="false"></mo><mi>g</mi></math> <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mo>\hat{a}</mo></math> <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mn>2</mn></math> <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><msub><mo>\tau</mo></msub></math> ETQq0 0</p>	4.7	7
3	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
4	Radio-frequency Dark Photon Dark Matter across the Sun. Physical Review Letters, 2021, 126, 181102.	7.8	16
5	Challenges for a QCD axion at the 10 MeV scale. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
6	Searching for lepton portal dark matter with colliders and gravitational waves. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
7	Searching for the Higgsino-Bino sector at the LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
8	Reexamining the Solar Axion Explanation for the XENON1T Excess. Physical Review Letters, 2020, 125, 131806.	7.8	52
9	A light scalar explanation of $(g \hat{a}^2)^{1/4}$ and the KOTO anomaly. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
10	Enhancing sensitivities to long-lived particles with high granularity calorimeters at the LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
11	The scale of superpartner masses and electroweakino searches at the high-luminosity LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
12	Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 090501.	3.6	133
13	Bottom-quark forward–backward asymmetry, dark matter and the LHC. International Journal of Modern Physics A, 2019, 34, 1940009.	1.5	1
14	Seeking for sterile neutrinos with displaced leptons at the LHC. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
15	Enhancing Long-Lived Particles Searches at the LHC with Precision Timing Information. Physical Review Letters, 2019, 122, 131801.	7.8	57
16	A light complex scalar for the electron and muon anomalous magnetic moments. Journal of High Energy Physics, 2019, 2019, 1.	4.7	89
17	<p><math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mi>\hat{1}/2</mi></math> solution to the strong <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mi>C</mi></math> <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mi>P</mi></math> problem. Physical Review D, 2019, 100, .</p>	4.7	6
18	Co-interacting dark matter. Physical Review D, 2019, 100, .	4.7	2

#	ARTICLE	IF	CITATIONS
19	Exposing dark sector with future Z-factories. International Journal of Modern Physics A, 2019, 34, 1940010.	1.5	1
20	Fuzzy dark matter and nonstandard neutrino interactions. Physical Review D, 2018, 97, .	4.7	55
21	X-Ray Lines from Dark Matter Annihilation at the keV Scale. Physical Review Letters, 2018, 120, 061301.	7.8	22
22	Bottom-quark forward-backward asymmetry, dark matter, and the LHC. Physical Review D, 2018, 97, .	4.7	8
23	Exposing the dark sector with future Z factories. Physical Review D, 2018, 97, .	4.7	24
24	A light Higgs at the LHC and the B-anomalies. Journal of High Energy Physics, 2018, 2018, 1.	4.7	26
25	Dark gamma-ray bursts. Physical Review D, 2017, 95, .	4.7	6
26	A tale of two portals: testing light, hidden new physics at future $e + e$ colliders. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
27	Hunting for dark matter coannihilation by mixing dijet resonances and missing transverse energy. Journal of High Energy Physics, 2016, 2016, 1.	4.7	12
28	Impeded Dark Matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	42
29	New signatures of flavor violating Higgs couplings. Journal of High Energy Physics, 2016, 2016, 1.	4.7	25
30	Signals of a light dark force in the galactic center. Journal of High Energy Physics, 2015, 2015, 1.	4.7	46
31	Lepton jets from radiating dark matter. Journal of High Energy Physics, 2015, 2015, 1.	4.7	62
32	The coannihilation codex. Journal of High Energy Physics, 2015, 2015, 1-86.	4.7	32
33	Boosted dark matter in IceCube and at the galactic center. Journal of High Energy Physics, 2015, 2015, 1.	4.7	66
34	Hiding missing energy in missing energy. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
35	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
36	Integrating out astrophysical uncertainties. Physical Review D, 2011, 83, .	4.7	129

#	ARTICLE	IF	CITATIONS
37	An effective Z^2 . Physical Review D, 2011, 84, .	4.7	54
38	CoGeNT interpretations. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 018-018.	5.4	165
39	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
40	Detecting light leptophilic gauge boson at BESIII detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 362-368.	4.1	31
41	PAMELA data and leptonically decaying dark matter. Physical Review D, 2009, 79, .	4.7	168
42	Discriminating different scenarios to account for the cosmic e^\pm excess by synchrotron and inverse Compton radiation. Physical Review D, 2009, 80, .	4.7	70
43	Prospects for detecting neutrino signals from annihilating/decaying dark matter to account for the PAMELA and ATIC results. Physical Review D, 2009, 79, .	4.7	33
44	Constraints on the dark matter annihilations by neutrinos with substructure effects included. Physical Review D, 2008, 78, .	4.7	5
45	Neutrino signals from solar neutralino annihilations in anomaly mediated supersymmetry breaking model. Physical Review D, 2008, 77, .	4.7	12