Zhao-Huan Yu

List of Publications by Year
in descending order

33	720	516710 16	526287 27
papers	citations	h-index	g-index

33	33	33	758
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Constraining the interaction strength between dark matter and visible matter: I. Fermionic dark matter. Nuclear Physics B, 2012, 854, 350-374.	2.5	76
2	Pulsar interpretation for the AMS-02 result. Physical Review D, 2013, 88, .	4.7	69
3	Constraining the interaction strength between dark matter and visible matter: II. Scalar, vector and spin-3/2 dark matter. Nuclear Physics B, 2012, 860, 115-151.	2.5	63
4	Constraints and Tests of the OPERA Superluminal Neutrinos. Physical Review Letters, 2011, 107, 241802.	7.8	58
5	Testing the electroweak phase transition and electroweak baryogenesis at the LHC and a circular electron-positron collider. Physical Review D, 2016, 93, .	4.7	48
6	The 750 GeV diphoton excess at the LHC and dark matter constraints. Nuclear Physics B, 2016, 909, 43-64.	2.5	46
7	CEPC precision of electroweak oblique parameters and weakly interacting dark matter: The fermionic case. Nuclear Physics B, 2017, 921, 181-210.	2.5	25
8	Perturbativity limits for scalar minimal dark matter with Yukawa interactions: Septuplet. Physical Review D, 2015, 92, .	4.7	23
9	750ÂGeV diphoton resonance as a singlet scalar in an extra dimensional model. Physical Review D, 2016, 93, .	4.7	23
10	Triplet-quadruplet dark matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	22
11	Systematic study on the cosmic ray antiproton flux. Physical Review D, 2017, 96, .	4.7	22
12	Pseudo-Nambu-Goldstone dark matter and two-Higgs-doublet models. Physical Review D, 2019, 100, .	4.7	21
13	Detecting light stop pairs in coannihilation scenarios at the LHC. Physical Review D, 2013, 87, .	4.7	20
14	CEPC precision of electroweak oblique parameters and weakly interacting dark matter: The scalar case. Nuclear Physics B, 2017, 924, 128-152.	2.5	20
15	Exploring fermionic dark matter via Higgs boson precision measurements at the Circular Electron Positron Collider. Physical Review D, 2018, 97, .	4.7	20
16	Searching for singlino-Higgsino dark matter in the NMSSM. Physical Review D, 2016, 94, .	4.7	17
17	Phase transition gravitational waves from pseudo-Nambu-Goldstone dark matter and two Higgs doublets. Journal of High Energy Physics, 2021, 2021, 1.	4.7	15
18	Detecting interactions between dark matter and photons at high energye+eâ^'colliders. Physical Review D, 2013, 88, .	4.7	14

#	ARTICLE	IF	CITATIONS
19	Determining the quantum numbers of simplified models in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>t</mml:mi><mml:mover accent="true"><mml:mi>t</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover><mml:mi>X</mml:mi></mml:math>production at the LHC. Physical Review D, 2016, 94, .	4.7	14
20	Exploring triplet-quadruplet fermionic dark matter at the LHC and future colliders. Physical Review D, 2018, 97, .	4.7	13
21	Impact of fermionic electroweak multiplet dark matter on vacuum stability with one-loop matching. Physical Review D, 2019, 99, .	4.7	13
22	Searches for dark matter signals in simplified models at future hadron colliders. Physical Review D, 2015, 91, .	4.7	12
23	Fermionic and scalar dark matter with hidden U(1) gauge interaction and kinetic mixing. Physical Review D, 2020, 101, .	4.7	12
24	Dark matter searches in the mono-Zchannel at high energye+eâˆ’colliders. Physical Review D, 2014, 90, .	4.7	11
25	Tau portal dark matter models at the LHC. Physical Review D, 2015, 91, .	4.7	10
26	Leptogenesis due to oscillating Higgs field. European Physical Journal C, 2020, 80, 1.	3.9	8
27	Scalar quintuplet minimal dark matter with Yukawa interactions: perturbative up to the Planck scale. Chinese Physics C, 2019, 43, 023102.	3.7	6
28	Vector dark matter from split SU(2) gauge bosons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
29	Measuring masses in semi-invisible final states at electron-positron colliders. Physical Review D, 2017, 95, .	4.7	4
30	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>1</mml:mn><mml:mo stretchy="false">â†”</mml:mo><mml:mn>2</mml:mn></mml:math> processes of a sterile neutrino around the electroweak scale in a thermal plasma. Physical Review D, 2021, 103, .	4.7	4
31	Probing quadruplet scalar dark matter at current and future pp colliders. Physical Review D, 2020, 101, .	4.7	2
32	Inert sextuplet scalar dark matter at the LHC and future colliders. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
33	CONSTRAINTS ON THE OPERA SUPERLUMINAL NEUTRINOS. International Journal of Modern Physics Conference Series, 2012, 10, 169-176.	0.7	1