

Zhao-Huan Yu

List of Publications by Year in descending order

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papers

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758
citing authors

#	ARTICLE	IF	CITATIONS
1	\hat{A}^+ processes of a sterile neutrino around the electroweak scale in a thermal plasma. <i>Physical Review D</i> , 2021, 103, .	4.7	4
2	Phase transition gravitational waves from pseudo-Nambu-Goldstone dark matter and two Higgs doublets. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	15
3	Vector dark matter from split SU(2) gauge bosons. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	6
4	Probing quadruplet scalar dark matter at current and future pp colliders. <i>Physical Review D</i> , 2020, 101, .	4.7	2
5	Fermionic and scalar dark matter with hidden U(1) gauge interaction and kinetic mixing. <i>Physical Review D</i> , 2020, 101, .	4.7	12
6	Leptogenesis due to oscillating Higgs field. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	8
7	Inert sextuplet scalar dark matter at the LHC and future colliders. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	2
8	Pseudo-Nambu-Goldstone dark matter and two-Higgs-doublet models. <i>Physical Review D</i> , 2019, 100, .	4.7	21
9	Impact of fermionic electroweak multiplet dark matter on vacuum stability with one-loop matching. <i>Physical Review D</i> , 2019, 99, .	4.7	13
10	Scalar quintuplet minimal dark matter with Yukawa interactions: perturbative up to the Planck scale. <i>Chinese Physics C</i> , 2019, 43, 023102.	3.7	6
11	Exploring triplet-quadruplet fermionic dark matter at the LHC and future colliders. <i>Physical Review D</i> , 2018, 97, .	4.7	13
12	Exploring fermionic dark matter via Higgs boson precision measurements at the Circular Electron Positron Collider. <i>Physical Review D</i> , 2018, 97, .	4.7	20
13	CEPC precision of electroweak oblique parameters and weakly interacting dark matter: The fermionic case. <i>Nuclear Physics B</i> , 2017, 921, 181-210.	2.5	25
14	CEPC precision of electroweak oblique parameters and weakly interacting dark matter: The scalar case. <i>Nuclear Physics B</i> , 2017, 924, 128-152.	2.5	20
15	Systematic study on the cosmic ray antiproton flux. <i>Physical Review D</i> , 2017, 96, .	4.7	22
16	Measuring masses in semi-invisible final states at electron-positron colliders. <i>Physical Review D</i> , 2017, 95, .	4.7	4
17	Determining the quantum numbers of simplified models in $t\bar{t}X$ production at the LHC. <i>Physical Review D</i> , 2016, 94, .	4.7	14
18	Searching for singlino-Higgsino dark matter in the NMSSM. <i>Physical Review D</i> , 2016, 94, .	4.7	17

#	ARTICLE	IF	CITATIONS
19	The 750 GeV diphoton excess at the LHC and dark matter constraints. Nuclear Physics B, 2016, 909, 43-64.	2.5	46
20	750 GeV diphoton resonance as a singlet scalar in an extra dimensional model. Physical Review D, 2016, 93, .	4.7	23
21	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
22	Triplet-quadruplet dark matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	22
23	Searches for dark matter signals in simplified models at future hadron colliders. Physical Review D, 2015, 91, .	4.7	12
24	Perturbativity limits for scalar minimal dark matter with Yukawa interactions: Septuplet. Physical Review D, 2015, 92, .	4.7	23
25	Tau portal dark matter models at the LHC. Physical Review D, 2015, 91, .	4.7	10
26	Dark matter searches in the mono-Zchannel at high energy e^+e^- colliders. Physical Review D, 2014, 90, .	4.7	11
27	Pulsar interpretation for the AMS-02 result. Physical Review D, 2013, 88, .	4.7	69
28	Detecting light stop pairs in coannihilation scenarios at the LHC. Physical Review D, 2013, 87, .	4.7	20
29	Detecting interactions between dark matter and photons at high energy e^+e^- colliders. Physical Review D, 2013, 88, .	4.7	14
30	CONSTRAINTS ON THE OPERA SUPERLUMINAL NEUTRINOS. International Journal of Modern Physics Conference Series, 2012, 10, 169-176.	0.7	1
31	Constraining the interaction strength between dark matter and visible matter: I. Fermionic dark matter. Nuclear Physics B, 2012, 854, 350-374.	2.5	76
32	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
33	Constraints and Tests of the OPERA Superluminal Neutrinos. Physical Review Letters, 2011, 107, 241802.	7.8	58