

# Zhi-Long Han

## List of Publications by Year in descending order

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25  
papers

533  
citations

687363

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642732

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times ranked

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#	ARTICLE	IF	CITATIONS
1	<p>radiative linear seesaw model, dark matter, and <math>\mu</math>-<math>\tau</math> mixing</p> $U = \begin{pmatrix} c_{12}c_{13} & s_{12}c_{13} & s_{13} \\ -s_{12}c_{13} & c_{12}c_{13} & c_{13}s_{12} \\ -s_{13} & -c_{13}s_{12} & c_{13}c_{12} \end{pmatrix} T_j$ <p>Physical Review D, 2015, 92, .</p>	4.7	54
2	Interpreting the $R_K(\hat{s})$ anomaly in the colored Zee-Babu model. Nuclear Physics B, 2018, 928, 435-447.	2.5	53
3	LHC phenomenology of the type II seesaw mechanism: Nondegenerate case. Physical Review D, 2015, 91, .	4.7	47
4	The $B-L$ B - L scotogenic models for Dirac neutrino masses. European Physical Journal C, 2017, 77, 1.	3.9	42
5	Naturally small Dirac neutrino mass with intermediate SU(2) L multiplet fields. Journal of High Energy Physics, 2017, 2017, 1.	4.7	41
6	LHC phenomenology of the type II seesaw mechanism: Observability of neutral scalars in the nondegenerate case. Physical Review D, 2015, 92, .	4.7	32
7	$Z \rightarrow \mu^+ \mu^-$ portal dark matter in $B-L$ B - L scotogenic Dirac model. European Physical Journal C, 2018, 78, 1.	3.9	28
8	Gauged $U(1)_{L_\mu - L_\tau}$ scotogenic model in light of $R_{K^*}$ anomaly and AMS-02 positron excess. European Physical Journal C, 2019, 79, 1.	3.9	27
9	Interpretation of 750 GeV diphoton excess at LHC in singlet extension of color-octet neutrino mass model. European Physical Journal C, 2016, 76, 1.	3.9	23
10	Radiative neutrino mass with $\hat{a}, 3$ dark matter: from relic density to LHC signatures. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
11	Confronting the DAMPE excess with the scotogenic type-II seesaw model. Chinese Physics C, 2018, 42, 083104.	3.7	17
12	Radiative seesaw model and DAMPE excess from leptophilic gauge symmetry. European Physical Journal C, 2018, 78, 1.	3.9	16
13	FIMP Dark Matter from Leptogenesis in Fast Expanding Universe. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 006.	5.4	14
14	Global $U(1)_L$ symmetry breaking in a neutrinophilic 2HDM: From LHC signatures to x-ray lines. Physical Review D, 2016, 94, .	4.7	13
15	Hunting for heavy majorana neutrinos with lepton number violating signatures at LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
16	Predictive scotogenic model with flavor dependent symmetry. European Physical Journal C, 2019, 79, 1.	3.9	13
17	Phenomenology in the minimal cascade seesaw mechanism for neutrino masses. Physical Review D, 2014, 89, .	4.7	12
18	Leptogenesis and dark matter from a low scale seesaw mechanism. Physical Review D, 2020, 101, .	4.7	12

#	ARTICLE	IF	CITATIONS
19	Testing the type II radiative seesaw model: From dark matter detection to LHC signatures. Physical Review D, 2016, 94, .	4.7	11
20	Higgs production at future e+e <sup>-</sup> colliders in the Georgi-Machacek model. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
21	Observable signatures of scotogenic Dirac model. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
22	extended scotogenic models and single-zero textures of neutrino mass matrices. Physical Review D, 2020, 101, .	4.7	7
23	Phenomenology of colored radiative neutrino mass model and its implications on cosmic-ray observations. Chinese Physics C, 2018, 42, 103101.	3.7	6
24	Same-Sign Dilepton Signature in the Inert Doublet Model *. Chinese Physics C, 2021, 45, 073114.	3.7	6
25	Same-sign tetralepton signature in type-II seesaw at lepton colliders *. Chinese Physics C, 2022, 46, 012001.	3.7	6