

# Jaime Hernandez-Sanchez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6922145/publications.pdf>

Version: 2024-02-01

41  
papers

1,736  
citations

687363

13  
h-index

414414

32  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2995  
citing authors

#	ARTICLE	IF	CITATIONS
1	Z3 symmetric inert ( 2+1 )-Higgs-doublet model. Physical Review D, 2021, 103, .	4.7	11
2	The Large Hadronâ€“Electron Collider at the HL-LHC. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 110501.	3.6	89
3	Charged Higgs boson production via $cb$ -fusion at the Large Hadron Collider. Physical Review D, 2020, 102, .	4.7	7
4	Collider signatures of dark $C$ - $P$ violation. Physical Review D, 2020, 101, .	4.7	10
5	Lepton collider indirect signatures of dark CP-violation. European Physical Journal C, 2020, 80, 1.	3.9	10
6	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	367
7	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	2.6	108
8	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	2.6	424
9	Light charged Higgs boson production at the Large Hadron electron Collider. Physical Review D, 2019, 99, .	4.7	6
10	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	3.9	346
11	Dark Matter signals at the LHC from a 3HDM. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
12	Prospects for charged Higgs searches at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	78
13	Prospect for observing a light charged Higgs through the decay $H^{\pm} \rightarrow cb$ at the LHeC. , 2017, , .		1
14	Flavor violating signatures of lighter and heavier Higgs bosons within the two Higgs doublet model type III at the LHeC. Physical Review D, 2016, 94, .	4.7	10
15	CP violating scalar Dark Matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
16	Flavor violating signatures of lighter and heavier Higgs bosons within Two Higgs Doublet Model type III at the LHeC. , 2016, , .		0
17	Analysis of the quark sector in the 2HDM with a four-zero Yukawa texture using the most recent data on the CKM matrix. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 347-352.	4.1	9
18	Light charged Higgs bosons decaying to charm and bottom quarks in models with two or more Higgs doublets. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	The $\gamma\gamma$ and $\gamma Z$ decays in the Two Higgs Doublet Model Type III. , 2015, , .		0
20	Impact of a four-zero Yukawa texture on $h \rightarrow \tau^+ \tau^-$ and $h \rightarrow Z$ in the framework of the Two Higgs Doublet Model Type III. Journal of High Energy Physics, 2014, 2014, 1.	4.7	11
21	Implications of Yukawa textures in the neutral Higgs decays within the 2HDM-III. Journal of Physics: Conference Series, 2014, 485, 012061.	0.4	0
22	Off-diagonal terms in Yukawa textures of the Type-III 2-Higgs doublet model and light charged Higgs boson phenomenology. Journal of High Energy Physics, 2013, 2013, 1.	4.7	31
23	Higgs decay into two photons from a 3HDM with flavor symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 97-100.	4.1	7
24	Design constraints for low distortion OTA's in on-chip analog front-ends. , 2013, , .		0
25	Update of the 2HDM-III with a four-zero texture in the Yukawa matrices and phenomenology of the charged Higgs boson. , 2013, , .		0
26	Light charged Higgs bosons decaying to charm and bottom quarks in models with two or more Higgs doublets. Physical Review D, 2012, 85, .	4.7	18
27	Couplings of quarks in a partially aligned two Higgs doublet model with a four-zero texture Yukawa matrix. Physical Review D, 2012, 85, .	4.7	6
28	$h \rightarrow \tau^+ \tau^-$ processes in the type-III two-Higgs-doublet model. Physical Review D, 2012, 85, .	4.7	5
29	Implications of Yukawa texture in the charged Higgs boson phenomenology within 2HDM-III. , 2011, , .		0
30	Implications of Yukawa textures in the decay $H \rightarrow \tau^+ \tau^-$ within the 2HDM-III. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 115008.	3.6	8
31	Dark left-right gauge model:SU(2) <sub>R</sub> phenomenology. Physical Review D, 2010, 81, .	4.7	5
32	Yukawa textures and charged Higgs boson phenomenology in the type-III two-Higgs-doublet model. Physical Review D, 2009, 79, .	4.7	27
33	Charged Higgs boson phenomenology in supersymmetric models with Higgs triplets. Physical Review D, 2008, 77, .	4.7	10
34	Supersymmetric Model with Higgs Triplet. AIP Conference Proceedings, 2008, , .	0.4	2
35	Implications of the discovery of a Higgs triplet on electroweak right-handed neutrinos. Journal of High Energy Physics, 2008, 2008, 092-092.	4.7	15
36	CP-odd static electromagnetic properties of the $W$ gauge boson and the $t$ quark via the anomalous $t\bar{t}W$ coupling. Physical Review D, 2007, 75, .	4.7	9

#	ARTICLE	IF	CITATIONS
37	Fundamental and composite scalars from extra dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 658, 57-63.	4.1	10
38	Probing the charged Higgs quantum numbers through the decay $H \rightarrow W^{\pm} h$ . Journal of Physics: Conference Series, 2006, 37, 37-40.	0.4	0
39	Decay $H \rightarrow W^{\pm} h$ within an extension of the minimal supersymmetric standard model with one complex Higgs triplet. Physical Review D, 2005, 71, .	4.7	5
40	Decay $H \rightarrow W^{\pm} h$ in a nonlinear $U(1)$ gauge. Physical Review D, 2004, 69, .	4.7	16
41	An effective Lagrangian description of charged Higgs decays $H \rightarrow W^{\pm} h$ , $W^{\pm} Z$ and $W^{\pm} h$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 512, 339-348.	4.1	39