

# Jaime Hernandez-Sanchez

## List of Publications by Year in descending order

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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	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	2.6	424
2	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	367
3	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	3.9	346
4	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	2.6	108
5	The Large Hadronâ€“Electron Collider at the HL-LHC. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 110501.	3.6	89
6	Prospects for charged Higgs searches at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	78
7	An effective Lagrangian description of charged Higgs decays $H \rightarrow W^+ W^{\pm 3}, W+Z$ and $W+h0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 512, 339-348.	4.1	39
8	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
9	Yukawa textures and charged Higgs boson phenomenology in the type-III two-Higgs-doublet model. Physical Review D, 2009, 79, .	4.7	27
10	CP violating scalar Dark Matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
11	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
12	Decay $H \rightarrow W^+ W^{\pm 3}$ in a nonlinear $U(1)$ gauge. Physical Review D, 2004, 69, .	4.7	16
13	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
14	Dark Matter signals at the LHC from a 3HDM. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
15	Impact of a four-zero Yukawa texture on $h \rightarrow W^{\pm 3}$ 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
16	Z3 symmetric inert (2+1)-Higgs-doublet model. Physical Review D, 2021, 103, .	4.7	11
17	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
18	Charged Higgs boson phenomenology in supersymmetric models with Higgs triplets. Physical Review D, 2008, 77, .	4.7	10

#	ARTICLE	IF	CITATIONS
19	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
20	Collider signatures of dark $C$ violation. Physical Review D, 2020, 101, .	4.7	10
21	Lepton collider indirect signatures of dark CP-violation. European Physical Journal C, 2020, 80, 1.	3.9	10
22	CP-odd static electromagnetic properties of the $W$ gauge boson and the $t$ quark via the anomalous $bW$ coupling. Physical Review D, 2007, 75, .	4.7	9
23	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
24	Implications of Yukawa textures in the decay $H \rightarrow \tau^+ W^+ \hat{\nu}_3$ within the 2HDM-III. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 115008.	3.6	8
25	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
26	Charged Higgs boson production via $cb$ -fusion at the Large Hadron Collider. Physical Review D, 2020, 102, .	4.7	7
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	Light charged Higgs boson production at the Large Hadron electron Collider. Physical Review D, 2019, 99, .	4.7	6
29	Decays $h_{\pm} \rightarrow \tau^+ W^{\pm} h_0(a_0)$ within an extension of the minimal supersymmetric standard model with one complex Higgs triplet. Physical Review D, 2005, 71, .	4.7	5
30	Dark left-right gauge model: $SU(2)_R$ phenomenology. Physical Review D, 2010, 81, .	4.7	5
31	$\hat{\nu}_3 \rightarrow \tau^+ \tilde{\nu}_j$ processes in the type-III two-Higgs-doublet model. Physical Review D, 2012, 85, .	4.7	5
32	Supersymmetric Model with Higgs Triplet. AIP Conference Proceedings, 2008, , .	0.4	2
33	Prospect for observing a light charged Higgs through the decay $H^{\pm} \rightarrow cb$ at the LHeC. , 2017, , .		1
34	Probing the charged Higgs quantum numbers through the decay $H \rightarrow \tau^+ W^+ h_0$ . Journal of Physics: Conference Series, 2006, 37, 37-40.	0.4	0
35	Design constraints for low distortion OTA's in on-chip analog front-ends. , 2013, , .		0
36	Implications of Yukawa textures in the neutral Higgs decays within the 2HDM-III. Journal of Physics: Conference Series, 2014, 485, 012061.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Implications of Yukawa texture in the charged Higgs boson phenomenology within 2HDM-III. , 2011, , .		0
38	Update of the 2HDM-III with a four-zero texture in the Yukawa matrices and phenomenology of the charged Higgs boson. , 2013, , .		0
39	Light charged Higgs bosons decaying to charm and bottom quarks in models with two or more Higgs doublets. , 2015, , .		0
40	The $\gamma\gamma$ and $\gamma Z$ decays in the Two Higgs Doublet Model Type III. , 2015, , .		0
41	Flavor violating signatures of lighter and heavier Higgs bosons within Two Higgs Doublet Model type III at the LHeC. , 2016, , .		0