

# Marcela Carena

## List of Publications by Year in descending order

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docs citations

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times ranked

4325  
citing authors

#	ARTICLE	IF	CITATIONS
1	The tiny (g-2) muon wobble from small- $\frac{1}{4}$ supersymmetry. Journal of High Energy Physics, 2022, 2022, 1.	4.7	31
2	Nucleation is more than critical: A case study of the electroweak phase transition in the NMSSM. Journal of High Energy Physics, 2021, 2021, 1.	4.7	22
3	New approach to electroweak symmetry nonrestoration. Physical Review D, 2021, 104, .	4.7	14
4	Lattice renormalization of quantum simulations. Physical Review D, 2021, 104, .	4.7	19
5	Dark $C$ violation and gauged lepton or baryon number for electroweak baryogenesis. Physical Review D, 2020, 101, .	4.7	16
6	Electroweak phase transition with spontaneous $Z_2$ -breaking. Journal of High Energy Physics, 2020, 2020, 1.	4.7	40
7	Return of the WIMP: Missing energy signals and the Galactic Center excess. Physical Review D, 2019, 100, .	4.7	13
8	Electroweak Baryogenesis from Dark-Sector $C$ Violation. Physical Review Letters, 2019, 122, 201802.	7.8	27
9	$\frac{1}{2}$ solution to the strong $C$ problem. Physical Review D, 2019, 100, .	4.7	6
10	Supersymmetry and LHC missing energy signals. Physical Review D, 2018, 98, .	4.7	20
11	$R_{D^*}$ in custodial warped space. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
12	Probing the electroweak phase transition via enhanced di-Higgs boson production. Physical Review D, 2018, 97, .	4.7	31
13	Higgs Pair Production as a Signal of Enhanced Yukawa Couplings. Physical Review Letters, 2018, 121, 021801.	7.8	8
14	Higgs portals for thermal Dark Matter. EFT perspectives and the NMSSM. Journal of High Energy Physics, 2018, 2018, 1.	4.7	43
15	Interference in the $g$ On-Shell Rate and the theory of Higgs flavor violation and $L$ appearance. Physical Review D, 2017, 96, .	7.8	18
16	Neutrinos in large extra dimensions and short-baseline $e$ appearance. Physical Review D, 2017, 96, .	4.7	28
17	Alignment limit of the NMSSM Higgs sector. Physical Review D, 2016, 93, .	4.7	51
18	$L$ theory of Higgs flavor violation and $L$ appearance. Physical Review D, 2017, 96, .	4.7	66

#	ARTICLE	IF	CITATIONS
19	Creating the fermion mass hierarchies with multiple Higgs bosons. <i>Physical Review D</i> , 2016, 94, .	4.7	22
20	Challenges and opportunities for heavy scalar searches in the $t\bar{t}\gamma\gamma$ channel at the LHC. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	54
21	Light dark matter, naturalness, and the radiative origin of the electroweak scale. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	52
22	Flavor from the electroweak scale. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	38
23	Complementarity between nonstandard Higgs boson searches and precision Higgs boson measurements in the MSSM. <i>Physical Review D</i> , 2015, 91, .	4.7	62
24	Higgs production and decay in models of a warped extra dimension with a bulk Higgs. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	25
25	Exotic leptons: Higgs, flavor and collider phenomenology. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	32
26	Impersonating the Standard Model Higgs boson: alignment without decoupling. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	182
27	Minimal composite Higgs models at the LHC. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	50
28	Light stops, light staus and the 125 GeV Higgs. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	37
29	Indirect probes of the MSSM after the Higgs discovery. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	73
30	Beyond the MSSM Higgs bosons at the 7 TeV LHC. <i>Physical Review D</i> , 2012, 85, .	4.7	8
31	Phenomenological MSSM interpretation of LHC results using renormalization group invariants. <i>Physical Review D</i> , 2012, 86, .	4.7	10
32	LHC discovery potential for non-standard Higgs bosons in the $3b$ channel. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	15
33	Light stau phenomenology and the Higgs $\tau\tau$ rate. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	161
34	Implications of a modified Higgs to diphoton decay width. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	206
35	Higgs production in a warped extra dimension. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	32
36	Bmeson mixing in effective theories of supersymmetric Higgs bosons. <i>Physical Review D</i> , 2012, 85, .	4.7	4

#	ARTICLE	IF	CITATIONS
37	Light dark matter and the electroweak phase transition in the NMSSM. <i>Physical Review D</i> , 2012, 85, .	4.7	47
38	A $125\text{ GeV}$ SM-like Higgs in the MSSM and the $\hat{1}\hat{3}\hat{1}\hat{3}$ rate. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	319
39	W plus two jets from a quasi-inert Higgs doublet. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	24
40	Model-independent searches for new quarks at the LHC. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	80
41	Beyond the MSSM Higgs bosons at the Tevatron and the LHC. <i>Physical Review D</i> , 2010, 82, .	4.7	17
42	Supersymmetric Higgs bosons and beyond. <i>Physical Review D</i> , 2010, 81, .	4.7	28
43	PAMELA excess from neutralino annihilation in the NMSSM. <i>Physical Review D</i> , 2009, 80, .	4.7	23
44	Heavy quarks above the top at the Tevatron. <i>Physical Review D</i> , 2009, 79, .	4.7	42
45	Interplay between collider searches for supersymmetric Higgs bosons and direct dark matter experiments. <i>Physical Review D</i> , 2007, 75, .	4.7	17
46	Electroweak constraints on warped models with custodial symmetry. <i>Physical Review D</i> , 2007, 76, . <small>Light Kaluza-Klein states in Randall-Sundrum models with custodial</small>	4.7	128
47	<small>overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/</small>	2.5	185
48	<small>Implications of Direct Dark Matter Constraints for Minimal Supersymmetric Standard Model Higgs Boson Searches at the Tevatron. <i>Physical Review Letters</i>, 2006, 97, 051801.</small>	7.8	16
49	Warped fermions and precision tests. <i>Physical Review D</i> , 2005, 71, .	4.7	59
50	$Z\text{-}\epsilon^2$ gauge bosons at the Fermilab Tevatron. <i>Physical Review D</i> , 2004, 70, .	4.7	418
51	Opaque branes in warped backgrounds. <i>Physical Review D</i> , 2003, 67, .	4.7	103
52	Top-squark searches at the Fermilab Tevatron in models of low-energy supersymmetry breaking. <i>Physical Review D</i> , 2002, 66, .	4.7	10
53	Distinguishing a minimal supersymmetric standard model Higgs boson from the SM Higgs boson at a linear collider. <i>Physical Review D</i> , 2002, 65, .	4.7	64
54	$\hat{b}\hat{t}'\hat{s}\hat{1}\hat{3}$ and supersymmetry with large $\tan\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 499, 141-146.	4.1	273

#	ARTICLE	IF	CITATIONS
55	Study of R-parity violation at a $\sqrt{s}=4$ TeV collider. Physical Review D, 2000, 62, .	4.7	5
56	Effective Lagrangian for the interaction in the MSSM and charged Higgs phenomenology. Nuclear Physics B, 2000, 577, 88-120.	2.5	441
57	Manifestations of R-parity violation in ultrahigh-energy neutrino interactions. Physical Review D, 1998, 58, .	4.7	29