

# Carlos Eâ€™m Wagner

## List of Publications by Year in descending order

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88  
papers

4,112  
citations

159585

30  
h-index

110387

64  
g-index

88  
all docs

88  
docs citations

88  
times ranked

5951  
citing authors



#	ARTICLE	IF	CITATIONS
19	A light Higgs at the LHC and the B-anomalies. Journal of High Energy Physics, 2018, 2018, 1.	4.7	26
20	Wrong sign bottom Yukawa coupling in low energy supersymmetry. Physical Review D, 2018, 97, .	4.7	13
21	Higgs portals for thermal Dark Matter. EFT perspectives and the NMSSM. Journal of High Energy Physics, 2018, 2018, 1.	4.7	43
22	Corrections to di-Higgs boson production with light stops and modified Higgs couplings. Physical Review D, 2018, 97, .	4.7	14
23	Higgs-stoponium mixing near the stop-antistop threshold. Physical Review D, 2017, 95, .	4.7	5
24	Modification of Higgs couplings in minimal composite models. Physical Review D, 2017, 96, .	4.7	10
25	Constraints on supersymmetric dark matter for heavy scalar superpartners. Physical Review D, 2017, 95, .	4.7	17
26	Enhanced Higgs associated production with a top quark pair in the NMSSM with light singlets. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
27	Neutrinos in large extra dimensions and short-baseline $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" } \langle \text{mml:msub} \langle \text{mml:mi} \hat{1} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ appearance. Physical Review D, 2017, 96, .	4.7	28
28	Alignment limit of the NMSSM Higgs sector. Physical Review D, 2016, 93, .	4.7	51
29	Probing the electroweak phase transition at the LHC. Physical Review D, 2016, 93, .	4.7	42
30	Enhancing the Higgs associated production with a top quark pair. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
31	Double peak searches for scalar and pseudoscalar resonances at the LHC. Physical Review D, 2016, 94, .	4.7	2
32	CP-odd component of the lightest neutral Higgs boson in the MSSM. Physical Review D, 2015, 91, .	4.7	9
33	Higgs bosons in heavy supersymmetry with an intermediate $m_A$ . Physical Review D, 2015, 92, .	4.7	72
34	Same-sign dilepton excesses and light top squarks. Physical Review D, 2015, 92, .	4.7	7
35	CMS kinematic edge from sbottoms. Physical Review D, 2015, 91, .	4.7	5
36	Complementarity between nonstandard Higgs boson searches and precision Higgs boson measurements in the MSSM. Physical Review D, 2015, 91, .	4.7	62



#	ARTICLE	IF	CITATIONS
55	Search for Higgs bosons in supersymmetric cascade decays and neutralino dark matter. Physical Review D, 2011, 83, .	4.7	13
56	Supersymmetry-breaking parameters from renormalization group invariants at the LHC. Physical Review D, 2011, 83, .	4.7	2
57	Probing the Higgs sector of high-scale supersymmetry-breaking models at the Tevatron. Physical Review D, 2011, 83, .	4.7	5
58	Dark Light-Higgs Bosons. Physical Review Letters, 2011, 106, 121805.	7.8	77
59	The 7 TeV LHC reach for MSSM Higgs bosons. Physical Review D, 2011, 84, .	4.7	8
60	Determining the structure of supersymmetry breaking with renormalization group invariants. Physical Review D, 2010, 82, .	4.7	5
61	Prospects for Higgs boson searches at the Tevatron and LHC in the MSSM with explicit CP violation. Physical Review D, 2010, 81, .	4.7	8
62	Forward-backward asymmetry of top quark pair production. Physical Review D, 2010, 81, .	4.7	95
63	Family nonuniversal $U(1)$ transitions. Physical Review D, 2009, 80, .	4.7	64
64	Family nonuniversal $U(1)$ transitions in family-dependent $U(1)$ models. Journal of High Energy Physics, 2009, 2009, 048-048.	4.7	77
65	Prospects for MSSM Higgs boson searches at the Fermilab Tevatron. Physical Review D, 2009, 80, .	4.7	12
66	Gauge-Higgs unification, neutrino masses, and dark matter in warped extra dimensions. Physical Review D, 2009, 79, .	4.7	27
67	Heavy Higgs boson with a light sneutrino next-to-lightest supersymmetric particle in the MSSM with enhanced $S$ and $U(1)$ transitions. Physical Review D, 2009, 80, .	4.7	11
68	Collider phenomenology of Gauge-Higgs unification scenarios in warped extra dimensions. Physical Review D, 2008, 77, .	4.7	48
69	Dynamically solving the $B-L$ problem in gauge-mediated supersymmetry breaking. Journal of High Energy Physics, 2008, 2008, 073-073.	4.7	20
70	Higgs signal for $U(1)$ at hadron colliders. Journal of High Energy Physics, 2008, 2008, 092-092.	4.7	67
71	Phenomenology of the nMSSM from colliders to cosmology. Journal of High Energy Physics, 2007, 2007, 066-066.	4.7	63
72	Baryogenesis from an earlier phase transition. Physical Review D, 2007, 75, .	4.7	25

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73	Gauge-Higgs unification and radiative electroweak symmetry breaking in warped extra dimensions. <i>Physical Review D</i> , 2007, 76, .	4.7	96
74	Gravitons and dark matter in universal extra dimensions. <i>Physical Review D</i> , 2006, 74, .	4.7	20
75	Soft leptogenesis in warped extra dimensions. <i>Journal of High Energy Physics</i> , 2006, 2006, 037-037.	4.7	20
76	Top-squark searches at the Fermilab Tevatron in models of low-energy supersymmetry breaking. <i>Physical Review D</i> , 2002, 66, .	4.7	10
77	Higgs boson decay into hadronic jets. <i>Physical Review D</i> , 2002, 66, .	4.7	14
78	$b\hat{t}^*s\hat{t}^3$ 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
79	Cosmological magnetic fields from gauge-mediated supersymmetry-breaking models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 472, 287-294.	4.1	46
80	Effective Lagrangian for the interaction in the MSSM and charged Higgs phenomenology. <i>Nuclear Physics B</i> , 2000, 577, 88-120.	2.5	441
81	Higgs bosons in the minimal supersymmetric standard model with explicit CP violation. <i>Nuclear Physics B</i> , 1999, 553, 3-42.	2.5	359
82	Global $\chi^2$ analysis of electroweak data in SO(10) SUSY GUTs. <i>Physical Review D</i> , 1997, 56, 6919-6938.	4.7	65
83	A global $\chi^2$ analysis of electroweak data (including fermion masses and mixing angles) in SO(10) SUSY GUTs. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1997, 52, 133-140.	0.4	1
84	Non-Abelian theory for massive vector bosons and canonical quantization. <i>Physical Review D</i> , 1988, 37, 560-562.	4.7	1
85	Comment on "New model of b-quark interactions: A superstring alternative". <i>Physical Review Letters</i> , 1987, 58, 1380-1380.	7.8	1
86	Low energy supergravity: R-parity breaking and the top quark mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 186, 361-364.	4.1	9
87	Limits on the top quark mass within the frame of the minimal superstrings inspired model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 198, 205-208.	4.1	0
88	Neutralino production in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 195, 599-602.	4.1	5