Francisco Del guila Gimnez

List of Publications by Year in Descending Order

106 papers	4,061 citations	37 h-index	61 g-index
110 ext. papers	4,257 ext. citations	4.1 avg, IF	5.33 L-index

#	Paper	IF	Citations
106	The full lepton flavor of the littlest Higgs model with T-parity. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	2
105	Inverse see-saw neutrino masses in the Littlest Higgs model with T-parity. *Journal of High Energy Physics*, **2019**, 2019, 1	5.4	5
104	Lepton flavor changing Higgs decays in the littlest Higgs model with T-parity. *Journal of High Energy Physics*, **2017**, 2017, 1	5.4	9
103	One-loop effective lagrangians after matching. *European Physical Journal C*, **2016**, 76, 1	4.2	54
102	Collider limits on leptophilic interactions. *Journal of High Energy Physics*, **2015**, 2015, 1	5.4	25
101	LHC bounds on lepton number violation mediated by doubly and singly-charged scalars. *Journal of High Energy Physics*, **2014**, 2014, 1	5.4	40
100	Discriminating between lepton number violating scalars using events with four and three charged leptons at the LHC. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2013**, 725, 310-315	4.2	26
99	Lepton Number Violation and Scalar Searches at the LHC. *Acta Physica Polonica B*, **2013**, 44, 2139	1.9	5
98	Distinguishing between lepton number violating scalars at the LHC. *EPJ Web of Conferences*, **2013**, 60, 17002	0.3	6
97	A realistic model of neutrino masses with a large neutrinoless double beta decay rate. *Journal of High Energy Physics*, **2012**, 2012, 1	5.4	25
96	Effective Lagrangian approach to neutrinoless double beta decay and neutrino masses. *Journal of High Energy Physics*, **2012**, 2012, 1	5.4	53
95	Lepton flavor violation in the Simplest Little Higgs model. *Journal of High Energy Physics*, **2011**, 2011, 1	5.4	20
94	Electroweak constraints on new physics. *Fortschritte Der Physik*, **2011**, 59, 1036-1040	5.7	21
93	Tau custodian searches at the LHC. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2011**, 695, 449-453	4.2	32
92	Impact of extra particles on indirect Z? limits. *Physical Review D*, **2011**, 84,	4.9	5
91	Neutrino masses from an A 4 symmetry in holographic composite Higgs models. *Journal of High Energy Physics*, **2010**, 2010, 1	5.4	64
90	Electroweak limits on general new vector bosons. *Journal of High Energy Physics*, **2010**, 2010, 1	5.4	103

89	e conversion in the Littlest Higgs model with T-parity. *Journal of High Energy Physics*, **2010**, 2010, 1	5.4	10
88	Evidence for right-handed neutrinos at a neutrino factory. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2010**, 683, 282-288	4.2	9
87	Combined analysis of . *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2010**, 685, 302-308	4.2	8
86	Neutrino physics beyond neutrino masses. *Fortschritte Der Physik*, **2010**, 58, 675-681	5.7	1
85	Heavy Majorana neutrinos in the effective Lagrangian description: Application to hadron colliders. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2009**, 670, 399-402	4.2	84
84	Electroweak scale seesaw and heavy Dirac neutrino signals at LHC. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2009**, 672, 158-165	4.2	113
83	Distinguishing seesaw models at LHC with multi-lepton signals. *Nuclear Physics B*, **2009**, 813, 22-90	2.8	278
82	Effects of new leptons in electroweak precision data. *Physical Review D*, **2008**, 78,	4.9	146
81	Collider aspects of flavor physics at high Q. *European Physical Journal C*, **2008**, 57, 183-307	4.2	38
80	Impact of right-handed interactions on the propagation of Dirac and Majorana neutrinos in matter. *Physical Review D*, **2007**, 76,	4.9	9
79	Heavy neutrino signals at large hadron colliders. *Journal of High Energy Physics*, **2007**, 2007, 047-047	5.4	164
78	Effective description of brane terms in extra dimensions. *Journal of High Energy Physics*, **2006**, 2006, 056-056	5.4	25
77	Neutrino physics at large colliders. *Journal of Physics: Conference Series*, **2006**, 53, 506-527	0.3	48
76	Flavour and polarisation in heavy neutrino production at . *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2005**, 613, 170-180	4.2	36
75	A little Higgs model of neutrino masses. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2005**, 627, 131-136	4.2	24
74	NLO forwardBackward charge asymmetries in . *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2005**, 628, 40-48	4.2	1
73	ellW production at CLIC: a window to TeV scale non-decoupled neutrinos. *Journal of High Energy Physics*, **2005**, 2005, 026-026	5.4	35
72	Bulk fields with brane terms. *European Physical Journal C*, **2004**, 33, s773-s775	4.2	10

71	Discrete regularisation of localised kinetic terms. *Nuclear Physics, Section B, Proceedings Supplements*, **2004**, 135, 295-299		2
70	Bulk fields with general brane kinetic terms. *Journal of High Energy Physics*, **2003**, 2003, 051-051	5.4	91
69	Low energy constraints on orbifold models. *Nuclear Physics, Section B, Proceedings Supplements*, **2003**, 116, 326-330		1
68	Precise determination of the Wtb couplings at the CERN Large Hadron Collider. *Physical Review D*, **2003**, 67,	4.9	40
67	Signals from extra dimensions decoupled from the compactification scale. *Journal of High Energy Physics*, **2002**, 2002, 010-010	5.4	40
66	Effective description of quark mixing. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2000**, 492, 98-106	4.2	95
65	Effects of longitudinal photons. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2000**, 492, 123-134	4.2	8
64	Universality limits on bulk fermions. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2000**, 493, 175-181	4.2	43
63	Observable contributions of new exotic quarks to quark mixing. *Journal of High Energy Physics*, **2000**, 2000, 011-011	5.4	155
62	Constraints on Top Couplings in Models with Exotic Quarks. *Physical Review Letters*, **1999**, 82, 1628-1631	7.4	95
61	Supergravity corrections to (g 2) in differential renormalization. *Nuclear Physics B*, **1997**, 504, 532-550	2.8	25
60	Invariant analysis of CP violation. *Computer Physics Communications*, **1997**, 100, 231-246	4.2	14
59	Reconstruction of the extended gauge structure from ZTobservables at future colliders. *Physical Review D*, **1995**, 52, 37-43	4.9	43
58	Patterns of quark mass matrices in a class of Calabi-Yau models. *Nuclear Physics B*, **1995**, 440, 3-23	2.8	3
57	CP violation in the lepton sector with Majorana neutrinos. *Nuclear Physics B*, **1995**, 447, 211-226	2.8	14
56	Physical parameters and renormalization of U(1)a U (1)b models. *Nuclear Physics B*, **1995**, 456, 531-549	2.8	66
55	Diagnostic power of future colliders for ZTcouplings to quarks and leptons: e+e- versus pp colliders. *Physical Review D*, **1994**, 50, 3158-3166	4.9	16
54	Model-independent determination of Z? couplings at LEP 200. *Nuclear Physics, Section B, Proceedings Supplements*, **1994**, 37, 177-180		

53	Determination of ZTgauge couplings to quarks and leptons at future hadron colliders. *Physical Review D*, **1993**, 48, R969-R973	4.9	35
52	ZTdecays into four fermions. *Physical Review D*, **1993**, 48, 425-428	4.9	4
51	Correlation between MZ? and mt bounds: (II). All data. *Nuclear Physics B*, **1992**, 372, 3-22	2.8	40
50	Precision bounds on mH and mt. *Nuclear Physics B*, **1992**, 381, 451-466	2.8	18
49	Spin correlations at the Z peak. A probe to the Z? mass. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1992**, 280, 319-323	4.2	2
48	Detailed fermion mass and mixing angle predictions from a class of three-family models. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1992**, 287, 335-341	4.2	1
47	On the detectability of sleptons at large hadron colliders. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1991**, 261, 326-333	4.2	50
46	MZ? mass bounds from neutrino-hadron neutral current data and a precise MZ measurement. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1991**, 254, 497-501	4.2	24
45	The possibility of using a large heavy-ion collider for measuring the electromagnetic properties of the tau lepton. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1991**, 271, 256-260	4.2	28
44	Is there any evidence for a heavy neutral fermion (nu (tau)R)?. *Physical Review Letters*, **1991**, 66, 2943-2946	7.4	6
43	Revising a class of three-generation models: Mass spectrum, renormalisation-group and proton-decay constraints. *Nuclear Physics B*, **1991**, 351, 90-114	2.8	4
42	Correlation between MZ, and mt bounds (I). Neutral current data. *Nuclear Physics B*, **1991**, 361, 45-71	2.8	29
41	The electric dipole moment of the tau. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 252, 116-118	4.2	44
40	The role of gauge singlets in three-generation models. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 240, 389-395	4.2	1
39	On the small contribution to the Z0 width of a new and elusive vector-like down quark singlet. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1990**, 242, 503-506	4.2	1
38	ZTmass bounds. *Nuclear Physics, Section B, Proceedings Supplements*, **1990**, 16, 621-623		2
37	Hadron-collider limits on new electroweak interactions from the heterotic string. *Physical Review D*, **1990**, 41, 134-141	4.9	10
36	Vector-like fermion and standard Higgs production at hadron colliders. *Nuclear Physics B*, **1990**, 334, 1-23	2.8	56

35	Possible method in some extensions of the standard model to produce and detect Higgs bosons at hadron colliders. *Physical Review Letters*, **1989**, 63, 942-944	7.4	27
34	Bounds on new Z bosons. *Physical Review D*, **1989**, 40, 2481-2483	4.9	8
33	A generic problem for a class of three-generation models. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1989**, 227, 55-60	4.2	7
32	Searching for the Z?-WW-jet+jet signal at hadron colliders. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1989**, 221, 408-414	4.2	9
31	Very large intermediate scales in three-generation models. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1988**, 215, 93-98	4.2	14
30	Spreading of gauge coupling constants in minimal LR models. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1988**, 201, 315-320	4.2	3
29	The Z?-WW-jet+jet signal at hadron colliders. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1988**, 201, 375-382	4.2	14
28	Exotic (E6) particles in e+e annihilation. *Nuclear Physics B*, **1988**, 297, 1-33	2.8	51
27	Renormalization group analysis of extended electroweak models from the heterotic string. *Nuclear Physics B*, **1988**, 307, 571-632	2.8	31
26	Gauge coupling renormalisation with several U(1) factors. *Nuclear Physics B*, **1988**, 307, 633-648	2.8	118
25	On the mass and the signature of a new Z. *Nuclear Physics B*, **1987**, 284, 530-556	2.8	74
24	Detecting E6 neutral gauge bosons through lepton pairs at hadron colliders. *Nuclear Physics B*, **1987**, 287, 419-456	2.8	101
23	Analysis of neutral currents in superstring inspired models. *Nuclear Physics B*, **1987**, 283, 50-72	2.8	47
22	String goniometry by neutral currents. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1987**, 197, 89-95	4.2	10
21	Could the quark electroweak and mass eigenstates coincide?. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1987**, 196, 531-536	4.2	26
20	The cosmological constant, non-compact symmetries and Weyl invariance. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1986**, 180, 25-28	4.2	8
19	Superstring-inspired models. *Nuclear Physics B*, **1986**, 272, 413-438	2.8	110
18	The standard model with mirror fermions. *Annals of Physics*, **1985**, 165, 237-258	2.5	9

17	g □2 in spontaneously broken supergravity. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1985**, 160, 87-93	4.2	7
16	A new model of weak CP violation. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1985**, 156, 243-249	4.2	45
15	Low-energy models with two supersymmetries. *Nuclear Physics B*, **1985**, 250, 225-251	2.8	46
14	On the g□2 and the events. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1984**, 140, 431-434	4.2	32
13	The electron anomalous magnetic moment in unbroken supergravity. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1984**, 145, 70-72	4.2	12
12	The possibility of new fermions with □= 0 mass. *Nuclear Physics B*, **1983**, 224, 107-136	2.8	109
11	Specifically supersymmetric contribution to electric dipole moments. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1983**, 126, 71-73	4.2	148
10	Low energy CP violation in broken supersymmetry. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1983**, 129, 77-79	4.2	28
9	Light scalars in N=1 locally supersymmetric theories. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1983**, 122, 355-360	4.2	22
8	SO(10) v □SO(10) H grand unified-extended technicolour models. *Zeitschrift F□ Physik C-Particles and Fields*, **1982**, 13, 347-353		1
7	Suppression of lepton number violation mediated by □= 0 mass fermions. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1982**, 119, 144-150	4.2	28
6	Higgs bosons in SO(10) and partial unification. *Nuclear Physics B*, **1981**, 177, 60-86	2.8	146
5	Higher order QCD corrections to an exclusive two-photon process. *Nuclear Physics B*, **1981**, 193, 517-528	2.8	106
4	Low-energy neutral current phenomenology and grand unified theories. *Nuclear Physics B*, **1981**, 189, 212-228	2.8	10
3	Democratic formalism of three-body decays **1980**, 59, 283-343		3
2	Dalitz arrays of the □□A 2 andA 1 resonances. *Zeitschrift F□ Physik C-Particles and Fields*, **1980**, 4, 1-10		5
1	Spin test of □(958) from its collinear production and collinear decay. *Physical Review D*, **1977**, 16, 2833-2835		49