

Francisco Del Águila Giménez

List of Publications by Year in descending order

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108
papers

4,509
citations

81900

39
h-index

102487

66
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110
all docs

110
docs citations

110
times ranked

4733
citing authors

#	ARTICLE	IF	CITATIONS
1	The full lepton flavor of the littlest Higgs model with T-parity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
2	Inverse see-saw neutrino masses in the Littlest Higgs model with T-parity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
3	Lepton flavor changing Higgs decays in the littlest Higgs model with T-parity. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
4	One-loop effective lagrangians after matching. European Physical Journal C, 2016, 76, 1.	3.9	68
5	Collider limits on leptophilic interactions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
6	LHC bounds on lepton number violation mediated by doubly and singly-charged scalars. Journal of High Energy Physics, 2014, 2014, 1.	4.7	49
7	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.	4.1	30
8	Lepton Number Violation and Scalar Searches at the LHC. Acta Physica Polonica B, 2013, 44, 2139.	0.8	5
9	Distinguishing between lepton number violating scalars at the LHC. EPJ Web of Conferences, 2013, 60, 17002.	0.3	7
10	A realistic model of neutrino masses with a large neutrinoless double beta decay rate. Journal of High Energy Physics, 2012, 2012, 1.	4.7	27
11	Effective Lagrangian approach to neutrinoless double beta decay and neutrino masses. Journal of High Energy Physics, 2012, 2012, 1.	4.7	60
12	Lepton flavor violation in the Simplest Little Higgs model. Journal of High Energy Physics, 2011, 2011, 1.	4.7	22
13	Electroweak constraints on new physics. Fortschritte Der Physik, 2011, 59, 1036-1040.	4.4	22
14	Tau custodian searches at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 449-453.	4.1	35
15	Impact of extra particles on indirect $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">Z \hat{\alpha}^2 \rangle$ limits. Physical Review D, 2011, 84, .	4.7	6
16	New neutrino interactions at large colliders. , 2011, , .		0
17	Neutrino masses from an A 4 symmetry in holographic composite Higgs models. Journal of High Energy Physics, 2010, 2010, 1.	4.7	69
18	Electroweak limits on general new vector bosons. Journal of High Energy Physics, 2010, 2010, 1.	4.7	116

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19	$\tilde{1}/4 \hat{a} \tilde{e}$ conversion in the Littlest Higgs model with T-parity. Journal of High Energy Physics, 2010, 2010, 1.	4.7	13
20	Evidence for right-handed neutrinos at a neutrino factory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 282-288.	4.1	9
21	Neutrino physics beyond neutrino masses. Fortschritte Der Physik, 2010, 58, 675-681.	4.1	9
22	Neutrino physics beyond neutrino masses. Fortschritte Der Physik, 2010, 58, 675-681.	4.4	1
23	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.	4.1	119
24	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.	4.1	120
25	Distinguishing seesaw models at LHC with multi-lepton signals. Nuclear Physics B, 2009, 813, 22-90.	2.5	318
26	Summary of the Electroweak Physics and Beyond the Standard Model Working Group. , 2009, , .		0
27	Collider aspects of flavor physics at high Q. European Physical Journal C, 2008, 57, 183-307.	3.9	59
28	Effects of new leptons in electroweak precision data. Physical Review D, 2008, 78, .	4.7	179
29	Heavy neutrino signals at large hadron colliders. Journal of High Energy Physics, 2007, 2007, 047-047.	4.7	187
30	Impact of right-handed interactions on the propagation of Dirac and Majorana neutrinos in matter. Physical Review D, 2007, 76, .	4.7	9
31	Neutrino physics at large colliders. Journal of Physics: Conference Series, 2006, 53, 506-527.	0.4	49
32	Effective description of brane terms in extra dimensions. Journal of High Energy Physics, 2006, 2006, 056-056.	4.7	32
33	Heavy neutrino production and polarisation in heavy neutrino production at $\sqrt{s} = 1.6$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 627, 131-136.	4.1	44
34	A little Higgs model of neutrino masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 627, 131-136.	4.1	28
35	Neutrino production at CLIC: a window to TeV scale non-decoupled neutrinos. Journal of High Energy Physics, 2005, 2005, 026-026.	4.1	1
36	$e\bar{e} \rightarrow \nu\bar{\nu}$ production at CLIC: a window to TeV scale non-decoupled neutrinos. Journal of High Energy Physics, 2005, 2005, 026-026.	4.7	43

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37	Bulk fields with brane terms. European Physical Journal C, 2004, 33, s773-s775.	3.9	11
38	Discrete regularisation of localised kinetic terms. Nuclear Physics, Section B, Proceedings Supplements, 2004, 135, 295-299.	0.4	2
39	Low energy constraints on orbifold models. Nuclear Physics, Section B, Proceedings Supplements, 2003, 116, 326-330.	0.4	1
40	Precise determination of the Wtb couplings at the CERN Large Hadron Collider. Physical Review D, 2003, 67, .	4.7	40
41	Bulk fields with general brane kinetic terms. Journal of High Energy Physics, 2003, 2003, 051-051.	4.7	97
42	Signals from extra dimensions decoupled from the compactification scale. Journal of High Energy Physics, 2002, 2002, 010-010.	4.7	43
43	Effective description of quark mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 492, 98-106.	4.1	106
44	Effects of longitudinal photons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 492, 123-134.	4.1	8
45	Universality limits on bulk fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 493, 175-181.	4.1	49
46	Observable contributions of new exotic quarks to quark mixing. Journal of High Energy Physics, 2000, 2000, 011-011.	4.7	177
47	Constraints on Top Couplings in Models with Exotic Quarks. Physical Review Letters, 1999, 82, 1628-1631.	7.8	102
48	Supergravity corrections to $(g \hat{\alpha}^2)$ in differential renormalization. Nuclear Physics B, 1997, 504, 532-550.	2.5	28
49	Invariant analysis of CP violation. Computer Physics Communications, 1997, 100, 231-246.	7.5	14
50	Reconstruction of the extended gauge structure from $Z\hat{\alpha}^2$ observables at future colliders. Physical Review D, 1995, 52, 37-43.	4.7	47
51	Patterns of quark mass matrices in a class of Calabi-Yau models. Nuclear Physics B, 1995, 440, 3-23.	2.5	3
52	CP violation in the lepton sector with Majorana neutrinos. Nuclear Physics B, 1995, 447, 211-226.	2.5	14
53	Physical parameters and renormalization of $U(1)_a \hat{A} - U(1)_b$ models. Nuclear Physics B, 1995, 456, 531-549.	2.5	71
54	Diagnostic power of future colliders for $Z\hat{\alpha}^2$ couplings to quarks and leptons: $e^+e^- \rightarrow \nu\bar{\nu}$ versus pp colliders. Physical Review D, 1994, 50, 3158-3166.	4.7	18

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55	Model-independent determination of $Z\hat{\epsilon}^2$ couplings at LEP 200. Nuclear Physics, Section B, Proceedings Supplements, 1994, 37, 177-180.	0.4	0
56	Determination of $Z\hat{\epsilon}^2$ gauge couplings to quarks and leptons at future hadron colliders. Physical Review D, 1993, 48, R969-R973.	4.7	38
57	$Z\hat{\epsilon}^2$ decays into four fermions. Physical Review D, 1993, 48, 425-428.	4.7	5
58	Correlation between $MZ\hat{\epsilon}^2$ and m_t bounds: (II). All data. Nuclear Physics B, 1992, 372, 3-22.	2.5	40
59	Precision bounds on m_H and m_t . Nuclear Physics B, 1992, 381, 451-466.	2.5	19
60	Spin correlations at the Z peak. A probe to the $Z\hat{\epsilon}^2$ mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 280, 319-323.	4.1	2
61	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.	4.1	1
62	Revising a class of three-generation models: Mass spectrum, renormalisation-group and proton-decay constraints. Nuclear Physics B, 1991, 351, 90-114.	2.5	4
63	Correlation between MZ , and m_t bounds (I). Neutral current data. Nuclear Physics B, 1991, 361, 45-71.	2.5	29
64	On the detectability of sleptons at large hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 261, 326-333.	4.1	51
65	$MZ\hat{\epsilon}^2$ 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.	4.1	24
66	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.	4.1	37
67	Is there any evidence for a heavy neutral fermion ($\hat{1}/2(\hat{1},,R)$)?. Physical Review Letters, 1991, 66, 2943-2946.	7.8	6
68	The electric dipole moment of the tau. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 116-118.	4.1	48
69	The role of gauge singlets in three-generation models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 389-395.	4.1	1
70	On the small contribution to the Z_0 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.	4.1	1
71	Z' mass bounds. Nuclear Physics, Section B, Proceedings Supplements, 1990, 16, 621-623.	0.4	2
72	Hadron-collider limits on new electroweak interactions from the heterotic string. Physical Review D, 1990, 41, 134-141.	4.7	10

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73	Vector-like fermion and standard Higgs production at hadron colliders. Nuclear Physics B, 1990, 334, 1-23.	2.5	60
74	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.	7.8	28
75	Bounds on new Z bosons. Physical Review D, 1989, 40, 2481-2483.	4.7	9
76	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.	4.1	7
77	Searching for the $Z \rightarrow W^+ W^-$, $1/2$ -jet+jet signal at hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 221, 408-414.	4.1	9
78	Very large intermediate scales in three-generation models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 215, 93-98.	4.1	14
79	Spreading of gauge coupling constants in minimal LR models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 201, 315-320.	4.1	4
80	The $Z \rightarrow W^+ W^-$, $1/2$ -jet+jet signal at hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 201, 375-382.	4.1	15
81	Exotic (E6) particles in e^+e^- annihilation. Nuclear Physics B, 1988, 297, 1-33.	2.5	51
82	Renormalization group analysis of extended electroweak models from the heterotic string. Nuclear Physics B, 1988, 307, 571-632.	2.5	35
83	Gauge coupling renormalisation with several U(1) factors. Nuclear Physics B, 1988, 307, 633-648.	2.5	132
84	On the mass and the signature of a new Z. Nuclear Physics B, 1987, 284, 530-556.	2.5	75
85	Detecting E6 neutral gauge bosons through lepton pairs at hadron colliders. Nuclear Physics B, 1987, 287, 419-456.	2.5	103
86	Analysis of neutral currents in superstring inspired models. Nuclear Physics B, 1987, 283, 50-72.	2.5	48
87	String goniometry by neutral currents. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 89-95.	4.1	11
88	Could the quark electroweak and mass eigenstates coincide?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 196, 531-536.	4.1	26
89	Superstring-inspired models. Nuclear Physics B, 1986, 272, 413-438.	2.5	114
90	The cosmological constant, non-compact symmetries and Weyl invariance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 180, 25-28.	4.1	8

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91	The standard model with mirror fermions. <i>Annals of Physics</i> , 1985, 165, 237-258.	2.8	10
92	$g \hat{a}^2$ in spontaneously broken supergravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985, 160, 87-93.	4.1	7
93	A new model of weak CP violation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985, 156, 243-249.	4.1	47
94	Low-energy models with two supersymmetries. <i>Nuclear Physics B</i> , 1985, 250, 225-251.	2.5	50
95	On the $g \hat{a}^2$ and the events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 140, 431-434.	4.1	33
96	The electron anomalous magnetic moment in unbroken supergravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 145, 70-72.	4.1	12
97	Specifically supersymmetric contribution to electric dipole moments. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 126, 71-73.	4.1	153
98	Low energy CP violation in broken supersymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 129, 77-79.	4.1	29
99	Light scalars in N=1 locally supersymmetric theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 122, 355-360.	4.1	22
100	The possibility of new fermions with $\hat{I}^3 = 0$ mass. <i>Nuclear Physics B</i> , 1983, 224, 107-136.	2.5	129
101	SO(10) v \tilde{A} -SO(10) H grand unified-extended technicolour models. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1982, 13, 347-353.	1.5	1
102	Suppression of lepton number violation mediated by $\hat{I}^3 = 0$ mass fermions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1982, 119, 144-150.	4.1	31
103	Higgs bosons in SO(10) and partial unification. <i>Nuclear Physics B</i> , 1981, 177, 60-86.	2.5	157
104	Higher order QCD corrections to an exclusive two-photon process. <i>Nuclear Physics B</i> , 1981, 193, 517-528.	2.5	111
105	Low-energy neutral current phenomenology and grand unified theories. <i>Nuclear Physics B</i> , 1981, 189, 212-228.	2.5	10
106	Democratic formalism of three-body decays. <i>Il Nuovo Cimento A</i> , 1980, 59, 283-343.	0.2	3
107	Dalitz arrays of the ρ , ρ , A 2 and A 1 resonances. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1980, 4, 1-10.	1.5	8
108	Spin test of $\tilde{\chi}^0(958)$ from its collinear production and collinear decay. <i>Physical Review D</i> , 1977, 16, 2833-2835.	4.7	0