

# Ricardo Gonzalez Felipe

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71  
papers

1,662  
citations

22  
h-index

39  
g-index

75  
ext. papers

1,801  
ext. citations

4.2  
avg, IF

4.63  
L-index

#	Paper	IF	Citations
71	Quantum magnetic collapse of a partially bosonized npe-gas: Implications for astrophysical jets. <i>International Journal of Modern Physics D</i> , <b>2021</b> , 30, 2150007	2.2	0
70	Combining texture zeros with a remnant CP symmetry in the minimal type-I seesaw. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	12
69	Dirac neutrinos in the 2HDM with restrictive Abelian symmetries. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	5
68	Minimal type-I seesaw model with maximally restricted texture zeros. <i>Physical Review D</i> , <b>2018</b> , 97,	4.9	12
67	More about unphysical zeroes in quark mass matrices. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 764, 150-156	4.2	2
66	Maximally restrictive leptonic texture zeros in two-Higgs-doublet models. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2017</b> , 44, 065002	2.9	3
65	The neutrino flavor puzzle. <i>Astronomische Nachrichten</i> , <b>2017</b> , 338, 1000-1004	0.7	
64	Constraints on the braneworld from compact stars. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	2
63	Neutrino observables from predictive flavour patterns. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	4
62	Confronting predictive texture zeros in lepton mass matrices with current data. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	20
61	Constraining multi-Higgs flavour models. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	18
60	Minimal anomaly-free chiral fermion sets and gauge coupling unification. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	4
59	Baryogenesis through split Higgsogenesis. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	4
58	Anomaly-free U(1) gauge symmetries in neutrino seesaw flavor models. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	6
57	Neutrino masses and mixing in A4 models with three Higgs doublets. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	29
56	Models with three Higgs doublets in the triplet representations of A4 or S4. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	23
55	FLAVORED CP ASYMMETRIES FOR TYPE II SEESAW LEPTOGENESIS. <i>International Journal of Modern Physics A</i> , <b>2013</b> , 28, 1350165	1.2	13

54	Spontaneous leptonic CP violation and nonzero $\theta_{13}$ . <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	24
53	Leptonic CP violation. <i>Reviews of Modern Physics</i> , <b>2012</b> , 84, 515-565	40.5	140
52	Magnetized strangelets at finite temperature. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2012</b> , 39, 045006	2.9	8
51	Magnetized color flavor locked state and compact stars. <i>European Physical Journal A</i> , <b>2011</b> , 47, 1	2.5	29
50	SU(5) $\times$ U(5) unification revisited. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	8
49	Leptonic mixing, family symmetries, and neutrino phenomenology. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	17
48	NEUTRINOS AND THE MATTER-ANTIMATTER ASYMMETRY IN THE UNIVERSE. <i>International Journal of Modern Physics E</i> , <b>2011</b> , 20, 56-64	0.7	1
47	COMPACT STARS AND MAGNETIZED CFL MATTER. <i>International Journal of Modern Physics E</i> , <b>2011</b> , 20, 84-92	0.7	5
46	MAGNETIC FIELD AND TEMPERATURE EFFECTS ON STRANGELETS. <i>International Journal of Modern Physics E</i> , <b>2011</b> , 20, 42-49	0.7	
45	Constraints on leptogenesis from a symmetry viewpoint. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	15
44	MASS-RADIUS RELATION FOR MAGNETIZED STRANGE QUARKS STARS. <i>International Journal of Modern Physics D</i> , <b>2010</b> , 19, 1511-1519	2.2	26
43	Resonant leptogenesis and tribimaximal leptonic mixing with A4 symmetry. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	38
42	Stability window and mass-radius relation for magnetized strange quark stars. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2009</b> , 36, 075202	2.9	33
41	Weak basis transformations and texture zeros in the leptonic sector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 670, 340-349	4.2	52
40	The variation of the electromagnetic coupling and quintessence. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2009</b> , 674, 146-151	4.2	5
39	Anomaly-free constraints in neutrino seesaw models. <i>Physical Review D</i> , <b>2009</b> , 79,	4.9	5
38	Natural inflation in 5D warped backgrounds. <i>Physical Review D</i> , <b>2008</b> , 78,	4.9	3
37	Brane assisted quintessential inflation with transient acceleration. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	28

36	Magnetized strange quark matter and magnetized strange quark stars. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	65
35	A new bridge between leptonic CP violation and leptogenesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 645, 432-436	4.2	72
34	Natural gauge and gravitational coupling unification and the superpartner masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 648, 60-63	4.2	4
33	Braneworld inflation from an effective field theory after WMAP three-year data. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	7
32	Aspects of thermal leptogenesis in braneworld cosmology. <i>Physical Review D</i> , <b>2006</b> , 73,	4.9	18
31	Phenomenological and cosmological aspects of a minimal GUT scenario. <i>Nuclear Physics B</i> , <b>2006</b> , 747, 312-327	2.8	49
30	Unifying gauge couplings at the string scale. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 53, 684-694	0.3	
29	The effect of nonlocal confining kernels on magnetic chiral condensates. <i>Nuclear Physics A</i> , <b>2006</b> , 778, 30-43	1.3	3
28	Enlarging the window for radiative leptogenesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 633, 336-344	4.2	53
27	Gravitational baryogenesis in Gauss-Bonnet braneworld cosmology. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	26
26	Natural braneworld inflation and baryogenesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 618, 7-13	4.2	13
25	Minimal string-scale unification of gauge couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 623, 111-118	4.2	15
24	Quantum Instability of Magnetized Stellar Objects. <i>Research in Astronomy and Astrophysics</i> , <b>2005</b> , 5, 399-411		15
23	Radiatively induced leptogenesis in a minimal seesaw model. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	78
22	Sneutrino brane inflation and leptogenesis. <i>Physical Review D</i> , <b>2004</b> , 69,	4.9	17
21	Removing ambiguities in the neutrino mass matrix. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 562, 265-272	4.2	55
20	Minimal scenarios for leptogenesis and CP violation. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	120
19	Flavor-dependent CP violation and electroweak baryogenesis in supersymmetric theories. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	7

18	Leptogenesis, CP violation and neutrino data: what can we learn?. <i>Nuclear Physics B</i> , <b>2002</b> , 640, 202-232	2.8	131
17	Radiatively induced Lorentz and CPT violation in Schwinger constant field approximation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 503, 215-222	4.2	38
16	Is right-handed neutrino degeneracy compatible with the solar and atmospheric neutrino data?. <i>Journal of High Energy Physics</i> , <b>2001</b> , 2001, 015-015	5.4	17
15	Dynamical CP violation and flavour-changing processes. <i>Nuclear Physics B</i> , <b>2001</b> , 607, 268-292	2.8	
14	Texture zeros and weak basis transformations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 477, 147-155	4.2	80
13	Yukawa structure with maximal predictability. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 483, 87-93	4.2	16
12	Top-induced electroweak breaking in the minimal supersymmetric standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 365, 141-148	4.2	2
11	On quadratic divergences and the Higgs mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 363, 101-105	4.2	16
10	Unitary irreducible representations of covariant q-oscillators. <i>Journal of Physics A</i> , <b>1995</b> , 28, 2247-2253		5
9	Anyon in an External Electromagnetic Field: Hamiltonian and Lagrangian Formulations. <i>Physical Review Letters</i> , <b>1994</b> , 73, 2009-2009	7.4	4
8	Chemical potentials and high temperature phase transitions in electroweak theory. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1994</b> , 64, 95-104		2
7	On the class of possible non-local anyon-like operators and quantum groups. <i>Journal of Physics A</i> , <b>1993</b> , 26, L1117-L1124		3
6	Statistics of q-oscillators, quons and relations to fractional statistics. <i>Journal of Physics A</i> , <b>1993</b> , 26, 4017-4034		122
5	q-supersymmetric generalization of von Neumann's theorem. <i>Journal of Physics A</i> , <b>1993</b> , 26, L909-L917		
4	Phase transition for spontaneous R-parity breaking. <i>Physical Review D</i> , <b>1993</b> , 47, 4723-4727	4.9	6
3	Statistical QED model for relativistic fractional quantum Hall effect. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1992</b> , 166, 153-158	2.3	7
2	Electron-positron bound states in a plasma with a magnetic field. <i>Physical Review A</i> , <b>1991</b> , 43, 5575-5580	2.6	1
1	Calculating the Green's function for the Helmholtz equation by the method of the fifth parameter. <i>Radiophysics and Quantum Electronics</i> , <b>1988</b> , 31, 1091-1096	0.7	1

