

Ricardo Gonzalez Felipe

List of Publications by Citations

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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	Leptonic CP violation. <i>Reviews of Modern Physics</i> , 2012 , 84, 515-565	40.5	140
70	Leptogenesis, CP violation and neutrino data: what can we learn?. <i>Nuclear Physics B</i> , 2002 , 640, 202-232	2.8	131
69	Statistics of q-oscillators, quons and relations to fractional statistics. <i>Journal of Physics A</i> , 1993 , 26, 4017-4034		122
68	Minimal scenarios for leptogenesis and CP violation. <i>Physical Review D</i> , 2003 , 67,	4.9	120
67	Texture zeros and weak basis transformations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 477, 147-155	4.2	80
66	Radiatively induced leptogenesis in a minimal seesaw model. <i>Physical Review D</i> , 2004 , 70,	4.9	78
65	A new bridge between leptonic CP violation and leptogenesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 645, 432-436	4.2	72
64	Magnetized strange quark matter and magnetized strange quark stars. <i>Physical Review C</i> , 2008 , 77,	2.7	65
63	Removing ambiguities in the neutrino mass matrix. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 562, 265-272	4.2	55
62	Enlarging the window for radiative leptogenesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 633, 336-344	4.2	53
61	Weak basis transformations and texture zeros in the leptonic sector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 670, 340-349	4.2	52
60	Phenomenological and cosmological aspects of a minimal GUT scenario. <i>Nuclear Physics B</i> , 2006 , 747, 312-327	2.8	49
59	Resonant leptogenesis and tribimaximal leptonic mixing with A4 symmetry. <i>Physical Review D</i> , 2009 , 79,	4.9	38
58	Radiatively induced Lorentz and CPT violation in Schwinger constant field approximation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 503, 215-222	4.2	38
57	Stability window and mass-radius relation for magnetized strange quark stars. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2009 , 36, 075202	2.9	33
56	Neutrino masses and mixing in A4 models with three Higgs doublets. <i>Physical Review D</i> , 2013 , 88,	4.9	29
55	Magnetized color flavor locked state and compact stars. <i>European Physical Journal A</i> , 2011 , 47, 1	2.5	29

54	Brane assisted quintessential inflation with transient acceleration. <i>Physical Review D</i> , 2008 , 77,	4.9	28
53	MASS RADIUS RELATION FOR MAGNETIZED STRANGE QUARKS STARS. <i>International Journal of Modern Physics D</i> , 2010 , 19, 1511-1519	2.2	26
52	Gravitational baryogenesis in Gauss-Bonnet braneworld cosmology. <i>Physical Review D</i> , 2005 , 71,	4.9	26
51	Spontaneous leptonic CP violation and nonzero θ_{13} . <i>Physical Review D</i> , 2012 , 86,	4.9	24
50	Models with three Higgs doublets in the triplet representations of A4 or S4. <i>Physical Review D</i> , 2013 , 87,	4.9	23
49	Confronting predictive texture zeros in lepton mass matrices with current data. <i>Physical Review D</i> , 2015 , 92,	4.9	20
48	Constraining multi-Higgs flavour models. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	18
47	Aspects of thermal leptogenesis in braneworld cosmology. <i>Physical Review D</i> , 2006 , 73,	4.9	18
46	Leptonic mixing, family symmetries, and neutrino phenomenology. <i>Physical Review D</i> , 2011 , 83,	4.9	17
45	Sneutrino brane inflation and leptogenesis. <i>Physical Review D</i> , 2004 , 69,	4.9	17
44	Is right-handed neutrino degeneracy compatible with the solar and atmospheric neutrino data?. <i>Journal of High Energy Physics</i> , 2001 , 2001, 015-015	5.4	17
43	Yukawa structure with maximal predictability. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 483, 87-93	4.2	16
42	On quadratic divergences and the Higgs mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 363, 101-105	4.2	16
41	Constraints on leptogenesis from a symmetry viewpoint. <i>Physical Review D</i> , 2010 , 81,	4.9	15
40	Minimal string-scale unification of gauge couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 623, 111-118	4.2	15
39	Quantum Instability of Magnetized Stellar Objects. <i>Research in Astronomy and Astrophysics</i> , 2005 , 5, 399-411		15
38	FLAVORED CP ASYMMETRIES FOR TYPE II SEESAW LEPTOGENESIS. <i>International Journal of Modern Physics A</i> , 2013 , 28, 1350165	1.2	13
37	Natural braneworld inflation and baryogenesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 618, 7-13	4.2	13

36	Combining texture zeros with a remnant CP symmetry in the minimal type-I seesaw. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	12
35	Minimal type-I seesaw model with maximally restricted texture zeros. <i>Physical Review D</i> , 2018 , 97,	4.9	12
34	SU(5) \times U(5) unification revisited. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	8
33	Magnetized strangelets at finite temperature. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012 , 39, 045006	2.9	8
32	Braneworld inflation from an effective field theory after WMAP three-year data. <i>Physical Review D</i> , 2006 , 74,	4.9	7
31	Flavor-dependent CP violation and electroweak baryogenesis in supersymmetric theories. <i>Physical Review D</i> , 2002 , 66,	4.9	7
30	Statistical QED model for relativistic fractional quantum Hall effect. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992 , 166, 153-158	2.3	7
29	Anomaly-free U(1) gauge symmetries in neutrino seesaw flavor models. <i>Physical Review D</i> , 2013 , 88,	4.9	6
28	Phase transition for spontaneous R-parity breaking. <i>Physical Review D</i> , 1993 , 47, 4723-4727	4.9	6
27	The variation of the electromagnetic coupling and quintessence. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 674, 146-151	4.2	5
26	Anomaly-free constraints in neutrino seesaw models. <i>Physical Review D</i> , 2009 , 79,	4.9	5
25	COMPACT STARS AND MAGNETIZED CFL MATTER. <i>International Journal of Modern Physics E</i> , 2011 , 20, 84-92	0.7	5
24	Unitary irreducible representations of covariant q-oscillators. <i>Journal of Physics A</i> , 1995 , 28, 2247-2253		5
23	Dirac neutrinos in the 2HDM with restrictive Abelian symmetries. <i>Physical Review D</i> , 2019 , 100,	4.9	5
22	Neutrino observables from predictive flavour patterns. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	4
21	Baryogenesis through split Higgsogenesis. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	4
20	Minimal anomaly-free chiral fermion sets and gauge coupling unification. <i>Physical Review D</i> , 2014 , 90,	4.9	4
19	Natural gauge and gravitational coupling unification and the superpartner masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 648, 60-63	4.2	4

18	Anyon in an External Electromagnetic Field: Hamiltonian and Lagrangian Formulations. <i>Physical Review Letters</i> , 1994 , 73, 2009-2009	7.4	4
17	Maximally restrictive leptonic texture zeros in two-Higgs-doublet models. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017 , 44, 065002	2.9	3
16	Natural inflation in 5D warped backgrounds. <i>Physical Review D</i> , 2008 , 78,	4.9	3
15	The effect of nonlocal confining kernels on magnetic chiral condensates. <i>Nuclear Physics A</i> , 2006 , 778, 30-43	1.3	3
14	On the class of possible non-local anyon-like operators and quantum groups. <i>Journal of Physics A</i> , 1993 , 26, L1117-L1124		3
13	More about unphysical zeroes in quark mass matrices. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017 , 764, 150-156	4.2	2
12	Constraints on the braneworld from compact stars. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	2
11	Top-induced electroweak breaking in the minimal supersymmetric standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 365, 141-148	4.2	2
10	Chemical potentials and high temperature phase transitions in electroweak theory. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1994 , 64, 95-104		2
9	NEUTRINOS AND THE MATTER-ANTIMATTER ASYMMETRY IN THE UNIVERSE. <i>International Journal of Modern Physics E</i> , 2011 , 20, 56-64	0.7	1
8	Electron-positron bound states in a plasma with a magnetic field. <i>Physical Review A</i> , 1991 , 43, 5575-5580	2.6	1
7	Calculating the Green's function for the Helmholtz equation by the method of the fifth parameter. <i>Radiophysics and Quantum Electronics</i> , 1988 , 31, 1091-1096	0.7	1
6	Quantum magnetic collapse of a partially bosonized npe-gas: Implications for astrophysical jets. <i>International Journal of Modern Physics D</i> , 2021 , 30, 2150007	2.2	0
5	The neutrino flavor puzzle. <i>Astronomische Nachrichten</i> , 2017 , 338, 1000-1004	0.7	
4	MAGNETIC FIELD AND TEMPERATURE EFFECTS ON STRANGELETS. <i>International Journal of Modern Physics E</i> , 2011 , 20, 42-49	0.7	
3	Unifying gauge couplings at the string scale. <i>Journal of Physics: Conference Series</i> , 2006 , 53, 684-694	0.3	
2	Dynamical CP violation and flavour-changing processes. <i>Nuclear Physics B</i> , 2001 , 607, 268-292	2.8	
1	q-supersymmetric generalization of von Neumann's theorem. <i>Journal of Physics A</i> , 1993 , 26, L909-L917		

