

Ricardo Gonzalez Felipe

List of Publications by Year in descending order

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74
papers

1,910
citations

279701

23
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254106

43
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75
all docs

75
docs citations

75
times ranked

924
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptonic CP violation. Reviews of Modern Physics, 2012, 84, 515-565.	16.4	163
2	Leptogenesis, CP violation and neutrino data: what can we learn?. Nuclear Physics B, 2002, 640, 202-232.	0.9	140
3	Statistics of q-oscillators, quons and relations to fractional statistics. Journal of Physics A, 1993, 26, 4017-4034.	1.6	130
4	Minimal scenarios for leptogenesis and CP violation. Physical Review D, 2003, 67, .	1.6	130
5	Texture zeros and weak basis transformations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 477, 147-155.	1.5	92
6	Radiatively induced leptogenesis in a minimal seesaw model. Physical Review D, 2004, 70, .	1.6	91
7	A new bridge between leptonic CP violation and leptogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 432-436.	1.5	86
8	Magnetized strange quark matter and magnetized strange quark stars. Physical Review C, 2008, 77, .	1.1	79
9	Removing ambiguities in the neutrino mass matrix. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 562, 265-272.	1.5	59
10	Enlarging the window for radiative leptogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 336-344.	1.5	57
11	Weak basis transformations and texture zeros in the leptonic sector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 340-349.	1.5	57
12	Phenomenological and cosmological aspects of a minimal GUT scenario. Nuclear Physics B, 2006, 747, 312-327.	0.9	56
13	Resonant leptogenesis and tribimaximal leptonic mixing with A_4 symmetry. Physical Review D, 2009, 79, .	1.6	45
14	Radiatively induced Lorentz and CPT violation in Schwinger constant field approximation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 215-222.	1.5	41
15	Stability window and mass-radius relation for magnetized strange quark stars. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 075202.	1.4	38
16	MASS-RADIUS RELATION FOR MAGNETIZED STRANGE QUARKS STARS. International Journal of Modern Physics D, 2010, 19, 1511-1519.	0.9	35
17	Neutrino masses and mixing in A_4 models with three Higgs doublets. Physical Review D, 2013, 88, .	1.6	35
18	Models with three Higgs doublets in the triplet representations of S_4 . Physical Review D, 2013, 87, .	1.6	35

#	ARTICLE	IF	CITATIONS
19	Gravitational baryogenesis in Gauss-Bonnet braneworld cosmology. <i>Physical Review D</i> , 2005, 71, .	1.6	34
20	Brane assisted quintessential inflation with transient acceleration. <i>Physical Review D</i> , 2008, 77, .	1.6	33
21	Magnetized color flavor locked state and compact stars. <i>European Physical Journal A</i> , 2011, 47, 1.	1.0	33
22	Confronting predictive texture zeros in lepton mass matrices with current data. <i>Physical Review D</i> , 2015, 92, .	1.6	29
23	Spontaneous leptonic C -violation and non-zero P violation and 13 . <i>Physical Review D</i> , 2012, 86, .	1.6	28
24	Constraining multi-Higgs flavour models. <i>European Physical Journal C</i> , 2014, 74, 1.	1.4	22
25	Combining texture zeros with a remnant CP symmetry in the minimal type-I seesaw. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	21
26	On quadratic divergences and the Higgs mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 363, 101-105.	1.5	20
27	Leptonic mixing, family symmetries, and neutrino phenomenology. <i>Physical Review D</i> , 2011, 83, .	1.6	20
28	Aspects of thermal leptogenesis in braneworld cosmology. <i>Physical Review D</i> , 2006, 73, .	1.6	19
29	Minimal type-I seesaw model with maximally restricted texture zeros. <i>Physical Review D</i> , 2018, 97, .	1.6	19
30	Is right-handed neutrino degeneracy compatible with the solar and atmospheric neutrino data?. <i>Journal of High Energy Physics</i> , 2001, 2001, 015-015.	1.6	17
31	Sneutrino brane inflation and leptogenesis. <i>Physical Review D</i> , 2004, 69, .	1.6	17
32	Yukawa structure with maximal predictability. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 483, 87-93.	1.5	16
33	Quantum Instability of Magnetized Stellar Objects. <i>Research in Astronomy and Astrophysics</i> , 2005, 5, 399-411.	1.1	16
34	Minimal string-scale unification of gauge couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 623, 111-118.	1.5	15
35	Constraints on leptogenesis from a symmetry viewpoint. <i>Physical Review D</i> , 2010, 81, .	1.6	15
36	FLAVORED CP ASYMMETRIES FOR TYPE II SEESAW LEPTOGENESIS. <i>International Journal of Modern Physics A</i> , 2013, 28, 1350165.	0.5	15

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37	Natural braneworld inflation and baryogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 618, 7-13.	1.5	13
38	Magnetized strangelets at finite temperature. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 045006.	1.4	11
39	SU(5)–SU(5) unification revisited. Journal of High Energy Physics, 2011, 2011, 1.	1.6	8
40	Dirac neutrinos in the 2HDM with restrictive Abelian symmetries. Physical Review D, 2019, 100, .	1.6	8
41	Statistical QED model for relativistic fractional quantum Hall effect. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 166, 153-158.	0.9	7
42	Phase transition for spontaneous R-parity breaking. Physical Review D, 1993, 47, 4723-4727.	1.6	7
43	Flavor-dependent CP violation and electroweak baryogenesis in supersymmetric theories. Physical Review D, 2002, 66, .	1.6	7
44	Braneworld inflation from an effective field theory after WMAP three-year data. Physical Review D, 2006, 74, .	1.6	7
45	Anomaly-free $U(1)$ ETQ1 1 0.784314 rgBT /Overlock 10 Tf 50 417Id (stretchby="false") Physical Review D, 2013, 88, .		
46	Minimal anomaly-free chiral fermion sets and gauge coupling unification. Physical Review D, 2014, 90, .	1.6	6
47	Unitary irreducible representations of covariant q-oscillators. Journal of Physics A, 1995, 28, 2247-2253.	1.6	5
48	Natural gauge and gravitational coupling unification and the superpartner masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 648, 60-63.	1.5	5
49	The variation of the electromagnetic coupling and quintessence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 146-151.	1.5	5
50	Anomaly-free constraints in neutrino seesaw models. Physical Review D, 2009, 79, .	1.6	5
51	COMPACT STARS AND MAGNETIZED CFL MATTER. International Journal of Modern Physics E, 2011, 20, 84-92.	0.4	5
52	Baryogenesis through split Higgsogenesis. Journal of High Energy Physics, 2013, 2013, 1.	1.6	5
53	More about unphysical zeroes in quark mass matrices. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 150-156.	1.5	5
54	Calculating the Green's function for the Helmholtz equation by the method of the fifth parameter. Radiophysics and Quantum Electronics, 1988, 31, 1091-1096.	0.1	4

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55	On the class of possible non-local anyon-like operators and quantum groups. Journal of Physics A, 1993, 26, L1117-L1124.	1.6	4
56	Anyon in an External Electromagnetic Field: Hamiltonian and Lagrangian Formulations. Physical Review Letters, 1994, 73, 2009-2009.	2.9	4
57	Neutrino observables from predictive flavour patterns. European Physical Journal C, 2016, 76, 1.	1.4	4
58	Maximally restrictive leptonic texture zeros in two-Higgs-doublet models. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 065002.	1.4	4
59	The effect of nonlocal confining kernels on magnetic chiral condensates. Nuclear Physics A, 2006, 778, 30-43.	0.6	3
60	Natural inflation in 5D warped backgrounds. Physical Review D, 2008, 78, .	1.6	3
61	Chemical potentials and high temperature phase transitions in electroweak theory. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 95-104.	1.5	2
62	Top-induced electroweak breaking in the minimal supersymmetric standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 141-148.	1.5	2
63	NEUTRINOS AND THE MATTER-ANTIMATTER ASYMMETRY IN THE UNIVERSE. International Journal of Modern Physics E, 2011, 20, 56-64.	0.4	2
64	Constraints on the braneworld from compact stars. European Physical Journal C, 2016, 76, 1.	1.4	2
65	Quantum magnetic collapse of a partially bosonized npe-gas: Implications for astrophysical jets. International Journal of Modern Physics D, 2021, 30, 2150007.	0.9	2
66	Electron-positron bound states in a plasma with a magnetic field. Physical Review A, 1991, 43, 5575-5580.	1.0	1
67	q-supersymmetric generalization of von Neumann's theorem. Journal of Physics A, 1993, 26, L909-L917.	1.6	0
68	Dynamical CP violation and flavour-changing processes. Nuclear Physics B, 2001, 607, 268-292.	0.9	0
69	Unifying gauge couplings at the string scale. Journal of Physics: Conference Series, 2006, 53, 684-694.	0.3	0
70	MAGNETIC FIELD AND TEMPERATURE EFFECTS ON STRANGELETS. International Journal of Modern Physics E, 2011, 20, 42-49.	0.4	0
71	DISCRETE 2012 – Third Symposium on Prospects in the Physics of Discrete Symmetries. Journal of Physics: Conference Series, 2013, 447, 011001.	0.3	0
72	Editors' note: Astron. Nachr. 6-7/2014. Astronomische Nachrichten, 2014, 335, 563-563.	0.6	0

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73	MAGNETIZED COMPACT STARS. , 2015, , .		0
74	The neutrino flavor puzzle. Astronomische Nachrichten, 2017, 338, 1000-1004.	0.6	0