

# Jorge C. Romao

## List of Publications by Year in descending order

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119  
papers

3,362  
citations

159525

30  
h-index

161767

54  
g-index

122  
all docs

122  
docs citations

122  
times ranked

1797  
citing authors

#	ARTICLE	IF	CITATIONS
1	The one-loop impact of a dependent mass: the role of $m_3$ in the C2HDM. Journal of High Energy Physics, 2022, 2022, 1.	1.6	0
2	Symmetry and decoupling in multi-Higgs boson models. Physical Review D, 2021, 103, .	1.6	7
3	Renormalization of the C2HDM with FeynMaster 2. Journal of High Energy Physics, 2021, 2021, 1.	1.6	7
4	Leaks of CP violation in the real two-Higgs-doublet model. European Physical Journal C, 2021, 81, 1.	1.4	12
5	Dynamical inverse seesaw mechanism as a simple benchmark for electroweak breaking and Higgs boson studies. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
6	Current bounds on the type-Z $Z^3$ three-Higgs-doublet model. Physical Review D, 2021, 104, .	1.6	7
7	Off diagonal charged scalar couplings with the Z boson: Zee-type models as an example. European Physical Journal C, 2021, 81, 1.	1.4	2
8	One-loop corrections to the $Zb\bar{b}$ vertex in models with scalar doublets and singlets. Nuclear Physics B, 2020, 958, 115131.	0.9	2
9	FeynMaster: A plethora of Feynman tools. Computer Physics Communications, 2020, 256, 107311.	3.0	13
10	Basis-independent treatment of the complex 2HDM. Physical Review D, 2020, 101, .	1.6	17
11	Nondecoupling in multi-Higgs doublet models. European Physical Journal C, 2020, 80, 1.	1.4	10
12	Electroweak breaking and Higgs boson profile in the simplest linear seesaw model. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
13	The C2HDM revisited. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
14	Multi-Higgs doublet models: the Higgs-fermion couplings and their sum rules. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
15	CP violation in 2HDM and EFT: the ZZZ vertex. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
16	Probing Wrong-Sign $hbb$ Couplings in $h \rightarrow \gamma \gamma$ . Springer Proceedings in Physics, 2018, , 873-875.	0.1	1
17	Multi-Higgs doublet models: physical parametrization, sum rules and unitarity bounds. Journal of High Energy Physics, 2017, 2017, 1.	1.6	37
18	Higgs EFT for 2HDM and beyond. European Physical Journal C, 2017, 77, 176.	1.4	34



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37	Minimal supersymmetric inverse seesaw: neutrino masses, lepton flavour violation and LHC phenomenology. Journal of High Energy Physics, 2010, 2010, 1.	1.6	45
38	Interplay of LFV and slepton mass splittings at the LHC as a probe of the SUSY seesaw. Journal of High Energy Physics, 2010, 2010, 1.	1.6	22
39	LHC and lepton flavour violation phenomenology of a left-right extension of the MSSM. Journal of High Energy Physics, 2010, 2010, 1.	1.6	19
40	The Hunt for New Physics at the Large Hadron Collider. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 185-417.	0.5	104
41	$A_{\nu}^4$ -based neutrino masses with Majoron decaying dark matter. Physical Review D, 2010, 82, .	1.6	25
42	Flavour violation at the LHC: type-I versus type-II seesaw in minimal supergravity. Journal of High Energy Physics, 2009, 2009, 003-003.	1.6	34
43	Dark matter in minimal supergravity with type-II seesaw mechanism. Physical Review D, 2009, 80, .	1.6	11
44	Minimal Supergravity Scalar Neutrino Dark Matter and Inverse Seesaw Neutrino Masses. Physical Review Letters, 2008, 101, 161802.	2.9	82
45	Probing minimal supergravity in the type-I seesaw mechanism with lepton flavor violation at the CERN LHC. Physical Review D, 2008, 78, .	1.6	33
46	Fermion masses, leptogenesis, and supersymmetric SO(10) unification. Physical Review D, 2008, 77, .	1.6	5
47	Thermal leptogenesis in extended supersymmetric seesaw model. Physical Review D, 2007, 75, .	1.6	12
48	Minimal supergravity radiative effects on the tribimaximal neutrino mixing pattern. Physical Review D, 2007, 75, .	1.6	37
49	Production and decays of supersymmetric Higgs bosons in spontaneously broken R-parity. Physical Review D, 2006, 73, .	1.6	16
50	Spontaneous CP violation in a SUSY model with a complex CKM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 661-666.	1.5	6
51	Redox chemistry of low-pH forms of tetrahemic cytochrome c3. Journal of Inorganic Biochemistry, 2006, 100, 2009-2016.	1.5	5
52	The sensitivity of cosmic ray air shower experiments for excited lepton and leptoquark detection. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 609-628.	1.4	1
53	Tau flavour violation in sparticle decays at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 618, 162-170.	1.5	21
54	Charge Breaking Minima in the Broken R-parity Minimal Supersymmetric Standard Model. Journal of High Energy Physics, 2005, 2005, 020-020.	1.6	3

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55	Supersymmetric SO(10) Seesaw Mechanism with Low $\hat{B}^{\prime\prime}$ L Scale. Physical Review Letters, 2005, 95, 161801.	2.9	286
56	Invisible Higgs boson decays in spontaneously broken R-parity. Physical Review D, 2004, 70, .	1.6	23
57	Phenomenological tests of supersymmetric A4 family symmetry model of neutrino mass. Physical Review D, 2004, 69, .	1.6	109
58	Solar neutrino masses and mixing from bilinear R-parity broken supersymmetry: Analytical versus numerical results. Physical Review D, 2003, 68, .	1.6	113
59	Spontaneous CP violation in non-minimal supersymmetric models. Journal of High Energy Physics, 2003, 2003, 020-020.	1.6	20
60	TESTING NEUTRINO PARAMETERS AT FUTURE ACCELERATORS. , 2003, , .		0
61	Probing neutrino properties with charged scalar lepton decays. Physical Review D, 2002, 66, .	1.6	42
62	Charged lepton flavor violation in supersymmetry with bilinear R-parity violation. Physical Review D, 2002, 65, .	1.6	22
63	Neutralino phenomenology at LEP2 in supersymmetry with bilinear breaking of R-parity. Nuclear Physics B, 2001, 600, 39-61.	0.9	15
64	Phenomenology of supersymmetric theories with and without R-parity. Nuclear Physics, Section B, Proceedings Supplements, 2001, 95, 243-251.	0.5	1
65	Spontaneous CP violation in the next-to-minimal supersymmetric standard model revisited. Journal of High Energy Physics, 2001, 2001, 027-027.	1.6	18
66	Testing neutrino mixing at future collider experiments. Physical Review D, 2001, 63, .	1.6	107
67	Solving the Solar and Atmospheric Neutrino Problems with Supersymmetry. , 2001, , 89-100.		0
68	Neutrino masses from broken R-parity. Nuclear Physics, Section B, Proceedings Supplements, 2000, 81, 231-241.	0.5	7
69	Bilinear R-parity violating SUSY: neutrinoless double beta decay in the light of solar and atmospheric neutrino data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 255-262.	1.5	16
70	Supersymmetric solution to the solar and atmospheric neutrino problems. Physical Review D, 2000, 61, .	1.6	92
71	Neutrino masses and mixings from supersymmetry with bilinear R-parity violation: A theory for solar and atmospheric neutrino oscillations. Physical Review D, 2000, 62, .	1.6	251
72	Flavor-conserving CP phases in supersymmetry and implications for exclusive B decays. Physical Review D, 2000, 62, .	1.6	19

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73	Unification of gauge couplings and the tau-neutrino mass in supergravity without R parity. Nuclear Physics B, 2000, 590, 3-18.	0.9	17
74	Gauge and Yukawa unification with broken R-parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 263-268.	1.5	34
75	Vector boson decays of the Higgs boson. European Physical Journal C, 1999, 7, 631.	1.4	3
76	Minimal supergravity with R-parity breaking. Nuclear Physics B, 1998, 524, 23-40.	0.9	110
77	Supersymmetric unification with radiative breaking of R-parity. Physical Review D, 1997, 55, 427-430.	1.6	47
78	Single-photon Z decays and small neutrino masses. Nuclear Physics B, 1997, 493, 56-72.	0.9	2
79	Primordial nucleosynthesis, majorons and heavy tau neutrinos. Nuclear Physics B, 1997, 496, 24-40.	0.9	25
80	LEP sensitivities to spontaneous R-parity violating signals. Nuclear Physics B, 1996, 482, 3-23.	0.9	21
81	Single photon decays of the Z0 and SUSY with spontaneously broken R-parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 351, 497-503.	1.5	15
82	Invisible Higgs bosons at present and future colliders. Nuclear Physics, Section B, Proceedings Supplements, 1995, 37, 135-143.	0.5	0
83	DETECTION OF INTERMEDIATE MASS HIGGS BOSONS FROM SPONTANEOUSLY BROKEN R-PARITY SUPERSYMMETRY. Modern Physics Letters A, 1994, 09, 817-827.	0.5	13
84	Model-independent Higgs boson mass limits at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 312, 240-246.	1.5	27
85	Can solar neutrino oscillation parameters be probed at accelerators?. Nuclear Physics, Section B, Proceedings Supplements, 1993, 31, 245-247.	0.5	0
86	Initial-final state interference in $e^+e^- \rightarrow e^+e^-H^{\pm} + \frac{1}{4}e^+e^-H^0$ . Zeitschrift für Physik C-Particles and Fields, 1993, 60, 757-762.	1.5	4
87	Spontaneous R-parity breaking at hadron supercolliders. Nuclear Physics B, 1993, 391, 100-126.	0.9	23
88	Neutrino masses in supersymmetry with spontaneously broken R-parity. Nuclear Physics B, 1992, 381, 87-108.	0.9	94
89	How to spontaneously break R parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 288, 311-320.	1.5	102
90	New Higgs signatures in supersymmetry with spontaneous broken R parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 329-336.	1.5	53

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91	Supersymmetric signals in muon and tau decays. Nuclear Physics B, 1991, 363, 369-384.	0.9	44
92	Can solar neutrino oscillation parameters be probed at LEP?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 272, 436-442.	1.5	25
93	EQUIVALENCE OF THE STRING EQUATIONS OF MOTION AND THE $\tilde{f}$ -MODEL WEYL-INVARIANCE CONDITIONS AT ORDER $\hat{1}\hat{a}\hat{\epsilon}^2$ : DEPENDENCE ON THE DILATON FIELD. International Journal of Modern Physics A, 1991, 06, 5099-5125.	0.5	5
94	On the interdependence of the structure of string effective actions at different orders in $\hat{1}\hat{a}\hat{\epsilon}^2$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 401-406.	1.5	8
95	$e^+e^- \rightarrow \hat{1}\hat{3} + X$ in majoron models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 371-374.	1.5	8
96	Supersymmetry phenomenology with spontaneous R parity breaking in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 251, 142-149.	1.5	46
97	$e^+e^- \rightarrow W^+W^-e^+e^-$ and non-standard gauge couplings: Another look. Zeitschrift für Physik C-Particles and Fields, 1989, 42, 263-270.	1.5	8
98	Order $\hat{1}\hat{a}\hat{\epsilon}^2$ equivalence of the string equations of motion and the $\tilde{f}$ -model weyl invariance conditions. Dependence on the dilaton field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 220, 113-120.	1.5	10
99	Order $\hat{1}\hat{a}\hat{\epsilon}^2$ terms in the gravitational sector of string effective actions with the inclusion of the dilaton field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 218, 162-168.	1.5	14
100	Supersymmetry versus experiment. Nuclear Physics, Section B, Proceedings Supplements, 1989, 11, 99-117.	0.5	0
101	Gauge symmetry breaking in compact multiply connected manifolds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 206, 491-494.	1.5	9
102	Renormalization of the electroweak theory in the nonlinear gauge. Physical Review D, 1987, 35, 2836-2842.	1.6	10
103	Neutrino counting and a composite Z-boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 196, 547-550.	1.5	4
104	: The importance of an exact calculation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 194, 440-446.	1.5	5
105	Higgs production with polarized $e^+e^-$ beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 185, 195-199.	1.5	7
106	Higgs production at $e^+e^-$ colliders. Nuclear Physics B, 1986, 267, 509-530.	0.9	61
107	Higgs production at $e^+e^-$ colliders. Nuclear Physics B, 1986, 272, 693-700.	0.9	12
108	Spontaneous CP violation in SUSY models: A No-Go theorem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 173, 309-312.	1.5	55

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109	Electromagnetic properties of the Z boson. Zeitschrift für Physik C-Particles and Fields, 1986, 33, 243-246.	1.5	6
110	Intermediate 16+16 multiplets in N=1 supergravity. Zeitschrift für Physik C-Particles and Fields, 1986, 31, 245-248.	1.5	0
111	$e^+e^- \rightarrow \tau^+\tau^- +$ missing neutrals: Neutrino versus photino production. Physical Review D, 1986, 33, 1488-1491.	1.6	21
112	The vacuum of supersymmetric SU(3) $\times$ SU(2) $\times$ U(1). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 158, 51-54.	1.5	5
113	Flavour violation in supersymmetric theories. Nuclear Physics B, 1985, 250, 295-311.	0.9	30
114	Geometry of superspace constraints. Nuclear Physics B, 1981, 182, 45-51.	0.9	10
115	Superplane integrability and three dimensional supergravity. Zeitschrift für Physik C-Particles and Fields, 1981, 10, 17-21.	1.5	0
116	Conformal and superconformal gravity and non-linear representations. Nuclear Physics B, 1978, 145, 535-546.	0.9	8
117	Algorithms for multidimensional numerical integration with singularities. Computer Journal, 1978, 21, 355-358.	1.5	0
118	On the phenomenology of the pomeron. Nuclear Physics B, 1977, 121, 413-420.	0.9	12
119	Unified superconformal gauge theories. Nuclear Physics B, 1977, 126, 429-435.	0.9	26