

# JosÃ© Santiago PÃ©rez

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

3,301  
citations

126907

33  
h-index

144013

57  
g-index

75  
all docs

75  
docs citations

75  
times ranked

5107  
citing authors

#	ARTICLE	IF	CITATIONS
1	New leptons with exotic decays: collider limits and dark matter complementarity. Journal of High Energy Physics, 2022, 2022, 1.	4.7	18
2	Dark photon dark matter from a rolling inflaton. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 015.	5.4	7
3	Matchmakereft: automated tree-level and one-loop matching. SciPost Physics, 2022, 12, .	4.9	54
4	Positivity bounds in the standard model effective field theory beyond tree level. Physical Review D, 2022, 105, .	4.7	22
5	Running in the ALPs. European Physical Journal C, 2021, 81, 1.	3.9	64
6	A complete effective field theory for dark matter. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
7	Towards the renormalisation of the Standard Model effective field theory to dimension eight: Bosonic interactions I. SciPost Physics, 2021, 11, .	4.9	33
8	The full lepton flavor of the littlest Higgs model with T-parity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
9	Vector dark matter production at the end of inflation. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 015-015.	5.4	110
10	Constraining four-fermion operators using rare top decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	22
11	Inverse see-saw neutrino masses in the Littlest Higgs model with T-parity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
12	Effective description of general extensions of the Standard Model: the complete tree-level dictionary. Journal of High Energy Physics, 2018, 2018, 1.	4.7	138
13	Lepton flavor changing Higgs decays in the littlest Higgs model with T-parity. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
14	Diphoton and diboson probes of fermiophobic Higgs bosons at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
15	New vector bosons and the diphoton excess. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 247-252.	4.1	32
16	One-loop effective lagrangians after matching. European Physical Journal C, 2016, 76, 1.	3.9	68
17	tgamma tH and tZ production through FCNCs. , 2016, , .		0
18	Interpretation of vector-like quark searches: the case of a heavy gluon in composite Higgs models and vector-like quarks. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Diboson resonant production in non-custodial composite Higgs models. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
20	Renormalization group constraints on new top interactions from electroweak precision data. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
21	Interpretation of vector-like quark searches: heavy gluons in composite Higgs models. Journal of High Energy Physics, 2015, 2015, 1.	4.7	21
22	Observable effects of general new scalar particles. Journal of High Energy Physics, 2015, 2015, 1.	4.7	62
23	The elusive gluon. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
24	Collider limits on leptophilic interactions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
25	Four and two-lepton signals of leptophilic gauge interactions at large colliders. , 2015, , .		1
26	From Tevatron's top and lepton-based asymmetries to the LHC. Journal of High Energy Physics, 2014, 2014, 1.	4.7	11
27	Searches for new vector like quarks: Higgs channels. Journal of High Energy Physics, 2013, 2013, 1.	4.7	21
28	Global constraints on lepton-quark contact interactions. Physical Review D, 2013, 88, .	4.7	41
29	$\langle H \rangle b \hat{A}^-$ production in composite Higgs models. Physical Review D, 2013, 88, .	4.7	6
30	Physics of the Interplay Between the Top Quark and the Higgs Boson. Journal of Physics: Conference Series, 2013, 452, 012008.	0.4	0
31	Four top quarks and $\theta_{tt}$ forward-backward asymmetry. Physical Review D, 2012, 85, .	4.7	23
32	Single vectorlike quark production at the LHC. Nuclear Physics B, 2012, 857, 172-184.	2.5	43
33	New Higgs production mechanism in composite Higgs models. Journal of High Energy Physics, 2012, 2012, 1.	4.7	24
34	Stealth gluons at hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 88-91.	4.1	44
35	The effective Lagrangian for bulk fermions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	6
36	Gluon excitations in $t \hat{A}^-$ production at hadron colliders. Physical Review D, 2011, 84, .	4.7	23

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37	Boosted objects: a probe of beyond the standard model physics. European Physical Journal C, 2011, 71, 1.	3.9	249
38	Model-independent searches for new quarks at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	4.7	80
39	Phenomenology of non-custodial warped models. Journal of High Energy Physics, 2011, 2011, 1.	4.7	36
40	Tau custodian searches at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 449-453.	4.1	35
41	Neutrino masses from an A 4 symmetry in holographic composite Higgs models. Journal of High Energy Physics, 2010, 2010, 1.	4.7	69
42	The Hunt for New Physics at the Large Hadron Collider. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 185-417.	0.4	104
43	Neutrino physics beyond neutrino masses. Fortschritte Der Physik, 2010, 58, 675-681.	4.4	1
44	Warped five-dimensional models: phenomenological status and experimental prospects. New Journal of Physics, 2010, 12, 075011.	2.9	64
45	Bulk Fermions in Soft Wall Models. , 2010, , .		3
46	Heavy quarks above the top at the Tevatron. Physical Review D, 2009, 79, .	4.7	42
47	Bulk fermions in warped models with a soft wall. Physical Review D, 2009, 80, .	4.7	14
48	Realistic composite Higgs models. Physical Review D, 2009, 79, .	4.7	66
49	Dark matter and electroweak symmetry breaking in models with warped extra dimensions. Physical Review D, 2008, 77, .	4.7	38
50	Minimal flavor protection: a new flavor paradigm in warped models. Journal of High Energy Physics, 2008, 2008, 046-046.	4.7	72
51	Electroweak constraints on warped models with custodial symmetry. Physical Review D, 2007, 76, .	4.7	128
52	Self-accelerating warped braneworlds. Physical Review D, 2007, 75, . Light Kaluza-Klein states in Randall-Sundrum models with custodial $U(1)$	4.7	19
53	Unconventional cosmology on the (thick) brane. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 015-015.	2.5	185
54	Unconventional cosmology on the (thick) brane. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 015-015.	5.4	13

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55	Effective description of brane terms in extra dimensions. Journal of High Energy Physics, 2006, 2006, 056-056.	4.7	32
56	Constraining Inverse-Curvature Gravity with Supernovae. Physical Review Letters, 2006, 96, 041103.	7.8	99
57	Revamped braneworld gravity. Physical Review D, 2006, 73, .	4.7	15
58	Gravity on codimension 2 brane worlds. Journal of High Energy Physics, 2005, 2005, 007-007.	4.7	68
59	Flux compactifications: stability and implications for cosmology. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 005-005.	5.4	13
60	Constraining the string scale: from Planck to weak and back again. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, R83-R111.	3.6	36
61	Einstein Gravity on the Codimension 2 Brane?. Physical Review Letters, 2004, 92, 221601.	7.8	120
62	NEW BOUNDS ON THE STRING SCALE FROM FLAVOR PHYSICS. Modern Physics Letters A, 2004, 19, 497-509.	1.2	2
63	Bulk fields with brane terms. European Physical Journal C, 2004, 33, s773-s775.	3.9	11
64	Discrete regularisation of localised kinetic terms. Nuclear Physics, Section B, Proceedings Supplements, 2004, 135, 295-299.	0.4	2
65	Higher codimension braneworlds from intersecting branes. Journal of High Energy Physics, 2004, 2004, 062-062.	4.7	24
66	Flavour in intersecting brane models and bounds on the string scale. Nuclear Physics B, 2004, 696, 141-173.	2.5	31
67	Low energy constraints on orbifold models. Nuclear Physics, Section B, Proceedings Supplements, 2003, 116, 326-330.	0.4	1
68	Extra-dimensions, isosinglet charged leptons and neutrino factories. Nuclear Physics B, 2003, 657, 355-377.	2.5	4
69	Flavour changing neutral currents in intersecting brane models. Journal of High Energy Physics, 2003, 2003, 057-057.	4.7	28
70	Bulk fields with general brane kinetic terms. Journal of High Energy Physics, 2003, 2003, 051-051.	4.7	97
71	Signals from extra dimensions decoupled from the compactification scale. Journal of High Energy Physics, 2002, 2002, 010-010.	4.7	43
72	Improved calculation of F2 in electroproduction and xF3 in neutrino scattering to NNLO and determination of $\hat{\Gamma}_{\pm}$ . Nuclear Physics B, 2001, 611, 447-466.	2.5	42

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73	Universality limits on bulk fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 493, 175-181.	4.1	49
74	Observable contributions of new exotic quarks to quark mixing. Journal of High Energy Physics, 2000, 2000, 011-011.	4.7	177
75	A three three-brane universe: new phenomenology for the new millennium?. Nuclear Physics B, 2000, 584, 313-328.	2.5	113