

JosÃ© Santiago PÃ©rez

List of Publications by Year in descending order

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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	Boosted objects: a probe of beyond the standard model physics. European Physical Journal C, 2011, 71, 1. Light Kaluza-Klein states in Randall-Sundrum models with custodial $U(1)$ symmetry. https://doi.org/10.1007/s00034-011-1111-1	3.9	249
2	Observable contributions of new exotic quarks to quark mixing. Journal of High Energy Physics, 2000, 2000, 011-011. https://doi.org/10.1088/1126-6708/2000/01/011	2.5	185
3	Effective description of general extensions of the Standard Model: the complete tree-level dictionary. Journal of High Energy Physics, 2018, 2018, 1. https://doi.org/10.1088/1126-6708/2018/01/001	4.7	138
4	Electroweak constraints on warped models with custodial symmetry. Physical Review D, 2007, 76, . https://doi.org/10.1103/PhysRevD.76.075001	4.7	128
5	Einstein Gravity on the Codimension 2 Brane?. Physical Review Letters, 2004, 92, 221601. https://doi.org/10.1103/PhysRevLett.92.221601	7.8	120
6	A three three-brane universe: new phenomenology for the new millennium?. Nuclear Physics B, 2000, 584, 313-328. https://doi.org/10.1016/S0550-3213(00)00313-8	2.5	113
7	Vector dark matter production at the end of inflation. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 015-015. https://doi.org/10.1088/1475-2875/2019/01/015	5.4	110
8	The Hunt for New Physics at the Large Hadron Collider. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 185-417. https://doi.org/10.1016/j.nucphysbsupp.2010.06.001	0.4	104
9	Constraining Inverse-Curvature Gravity with Supernovae. Physical Review Letters, 2006, 96, 041103. https://doi.org/10.1103/PhysRevLett.96.041103	7.8	99
10	Bulk fields with general brane kinetic terms. Journal of High Energy Physics, 2003, 2003, 051-051. https://doi.org/10.1088/1126-6708/2003/03/051	4.7	97
11	Model-independent searches for new quarks at the LHC. Journal of High Energy Physics, 2011, 2011, 1. https://doi.org/10.1088/1126-6708/2011/01/001	4.7	80
12	Minimal flavor protection: a new flavor paradigm in warped models. Journal of High Energy Physics, 2008, 2008, 046-046. https://doi.org/10.1088/1126-6708/2008/03/046	4.7	72
13	Neutrino masses from an A_4 symmetry in holographic composite Higgs models. Journal of High Energy Physics, 2010, 2010, 1. https://doi.org/10.1088/1126-6708/2010/01/001	4.7	69
14	Gravity on codimension 2 brane worlds. Journal of High Energy Physics, 2005, 2005, 007-007. https://doi.org/10.1088/1126-6708/2005/03/007	4.7	68
15	One-loop effective lagrangians after matching. European Physical Journal C, 2016, 76, 1. https://doi.org/10.1140/epjc/s10052-016-1111-1	3.9	68
16	Realistic composite Higgs models. Physical Review D, 2009, 79, . https://doi.org/10.1103/PhysRevD.79.075001	4.7	66
17	Warped five-dimensional models: phenomenological status and experimental prospects. New Journal of Physics, 2010, 12, 075011. https://doi.org/10.1088/1367-2630/12/7/075011	2.9	64

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19	Running in the ALPs. European Physical Journal C, 2021, 81, 1.	3.9	64
20	Observable effects of general new scalar particles. Journal of High Energy Physics, 2015, 2015, 1.	4.7	62
21	Matchmakereft: automated tree-level and one-loop matching. SciPost Physics, 2022, 12, .	4.9	54
22	Universality limits on bulk fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 493, 175-181.	4.1	49
23	Stealth gluons at hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 88-91.	4.1	44
24	Signals from extra dimensions decoupled from the compactification scale. Journal of High Energy Physics, 2002, 2002, 010-010.	4.7	43
25	Single vectorlike quark production at the LHC. Nuclear Physics B, 2012, 857, 172-184.	2.5	43
26	Improved calculation of F2 in electroproduction and xF3 in neutrino scattering to NNLO and determination of Γ_{\pm} s. Nuclear Physics B, 2001, 611, 447-466.	2.5	42
27	Heavy quarks above the top at the Tevatron. Physical Review D, 2009, 79, .	4.7	42
28	Global constraints on lepton-quark contact interactions. Physical Review D, 2013, 88, .	4.7	41
29	Dark matter and electroweak symmetry breaking in models with warped extra dimensions. Physical Review D, 2008, 77, .	4.7	38
30	Renormalization group constraints on new top interactions from electroweak precision data. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
31	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
32	Phenomenology of non-custodial warped models. Journal of High Energy Physics, 2011, 2011, 1.	4.7	36
33	Tau custodian searches at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 449-453.	4.1	35
34	Towards the renormalisation of the Standard Model effective field theory to dimension eight: Bosonic interactions I. SciPost Physics, 2021, 11, .	4.9	33
35	Effective description of brane terms in extra dimensions. Journal of High Energy Physics, 2006, 2006, 056-056.	4.7	32
36	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

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37	Flavour in intersecting brane models and bounds on the string scale. Nuclear Physics B, 2004, 696, 141-173.	2.5	31
38	Collider limits on leptophilic interactions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
39	Flavour changing neutral currents in intersecting brane models. Journal of High Energy Physics, 2003, 2003, 057-057.	4.7	28
40	Diboson resonant production in non-custodial composite Higgs models. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
41	The elusive gluon. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
42	Higher codimension braneworlds from intersecting branes. Journal of High Energy Physics, 2004, 2004, 062-062.	4.7	24
43	New Higgs production mechanism in composite Higgs models. Journal of High Energy Physics, 2012, 2012, 1.	4.7	24
44	Gluon excitations in $t\bar{t}$ production at hadron colliders. Physical Review D, 2011, 84, .	4.7	23
45	Four top quarks and $t\bar{t}$ forward-backward asymmetry. Physical Review D, 2012, 85, .	4.7	23
46	Constraining four-fermion operators using rare top decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	22
47	Positivity bounds in the standard model effective field theory beyond tree level. Physical Review D, 2022, 105, .	4.7	22
48	Searches for new vector like quarks: Higgs channels. Journal of High Energy Physics, 2013, 2013, 1.	4.7	21
49	Interpretation of vector-like quark searches: heavy gluons in composite Higgs models. Journal of High Energy Physics, 2015, 2015, 1.	4.7	21
50	Diphoton and diboson probes of fermiophobic Higgs bosons at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
51	Self-accelerating warped braneworlds. Physical Review D, 2007, 75, .	4.7	19
52	New leptons with exotic decays: collider limits and dark matter complementarity. Journal of High Energy Physics, 2022, 2022, 1.	4.7	18
53	A complete effective field theory for dark matter. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
54	Revamped braneworld gravity. Physical Review D, 2006, 73, .	4.7	15

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55	Bulk fermions in warped models with a soft wall. Physical Review D, 2009, 80, .	4.7	14
56	Flux compactifications: stability and implications for cosmology. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 005-005.	5.4	13
57	Unconventional cosmology on the (thick) brane. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 015-015.	5.4	13
58	Lepton flavor changing Higgs decays in the littlest Higgs model with T-parity. Journal of High Energy Physics, 2017, 2017, 1.	4.7	12
59	Bulk fields with brane terms. European Physical Journal C, 2004, 33, s773-s775.	3.9	11
60	From Tevatron's top and lepton-based asymmetries to the LHC. Journal of High Energy Physics, 2014, 2014, 1.	4.7	11
61	Inverse see-saw neutrino masses in the Littlest Higgs model with T-parity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
62	Dark photon dark matter from a rolling inflaton. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 015.	5.4	7
63	The effective Lagrangian for bulk fermions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	6
64	$H \rightarrow b \bar{b} \tilde{A}^-$ production in composite Higgs models. Physical Review D, 2013, 88, .	4.7	6
65	The full lepton flavor of the littlest Higgs model with T-parity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
66	Extra-dimensions, isosinglet charged leptons and neutrino factories. Nuclear Physics B, 2003, 657, 355-377.	2.5	4
67	Bulk Fermions in Soft Wall Models. , 2010, , .		3
68	NEW BOUNDS ON THE STRING SCALE FROM FLAVOR PHYSICS. Modern Physics Letters A, 2004, 19, 497-509.	1.2	2
69	Discrete regularisation of localised kinetic terms. Nuclear Physics, Section B, Proceedings Supplements, 2004, 135, 295-299.	0.4	2
70	Low energy constraints on orbifold models. Nuclear Physics, Section B, Proceedings Supplements, 2003, 116, 326-330.	0.4	1
71	Neutrino physics beyond neutrino masses. Fortschritte Der Physik, 2010, 58, 675-681.	4.4	1
72	Four and two-lepton signals of leptophilic gauge interactions at large colliders. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
73	Physics of the Interplay Between the Top Quark and the Higgs Boson. Journal of Physics: Conference Series, 2013, 452, 012008.	0.4	0
74	tgamma tH and tZ production through FCNCs. , 2016, , .		0
75	Interpretation of vector-like quark searches: the case of a heavy gluon in composite Higgs models and vector-like quarks. , 2016, , .		0