

Jacobo LÃ³pez-PavÃ³n

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,049
citations

257450

24
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

1453
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrino observables from a U(2) flavor symmetry. Physical Review D, 2021, 103, .	4.7	2
2	New physics from oscillations at the DUNE near detector, and the role of systematic uncertainties. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
3	$\hat{1}/2$ electroweak baryogenesis. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
4	Global bounds on the Type-III Seesaw. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
5	Looking at the axionic dark sector with ANITA. European Physical Journal C, 2020, 80, 1.	3.9	16
6	Relaxing cosmological neutrino mass bounds with unstable neutrinos. Journal of High Energy Physics, 2020, 2020, 1.	4.7	43
7	ARS leptogenesis. International Journal of Modern Physics A, 2018, 33, 1842002.	1.5	56
8	Decoherence in neutrino propagation through matter, and bounds from IceCube/DeepCore. European Physical Journal C, 2018, 78, 1.	3.9	30
9	The seesaw path to leptonic CP violation. European Physical Journal C, 2017, 77, 1.	3.9	32
10	Non-unitarity, sterile neutrinos, and non-standard neutrino interactions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	127
11	The seesaw portal in testable models of neutrino masses. Journal of High Energy Physics, 2017, 2017, 1.	4.7	67
12	Global bounds on heavy neutrino mixing. , 2017, , .		0
13	Global constraints on heavy neutrino mixing. Journal of High Energy Physics, 2016, 2016, 1.	4.7	187
14	Testable baryogenesis in seesaw models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	86
15	Right-handed neutrinos and the $2\hat{A}TeV$ W ϵ^2 boson. Physical Review D, 2015, 92, .	4.7	11
16	Radiative corrections to light neutrino masses in low scale type I seesaw scenarios and neutrinoless double beta decay. Journal of High Energy Physics, 2015, 2015, 1.	4.7	45
17	Leptogenesis in GeV-scale seesaw models. Journal of High Energy Physics, 2015, 2015, 1.	4.7	51
18	Loop level constraints on Seesaw neutrino mixing. Journal of High Energy Physics, 2015, 2015, 1.	4.7	49

#	ARTICLE	IF	CITATIONS
19	The Seesaw Scale vs Cosmology. Nuclear and Particle Physics Proceedings, 2015, 265-266, 307-310.	0.5	0
20	Low-scale seesaw models versus $\langle m_{\nu} \rangle_{\text{eff}}$. Physical Review D, 2014, 89, .	4.7	16
21	Neffin low-scale seesaw models versus the lightest neutrino mass. Physical Review D, 2014, 90, .	4.7	43
22	On neutrinoless double beta decay in the minimal left-right symmetric model. European Physical Journal C, 2014, 74, 1.	3.9	37
23	Can heavy neutrinos dominate neutrinoless double beta decay?. Physical Review D, 2013, 87, .	4.7	59
24	High intensity neutrino oscillation facilities in Europe. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	25
25	Neutrinoless double beta decay in the context of seesaw models. Journal of Physics: Conference Series, 2013, 408, 012019.	0.4	0
26	The minimal $3\alpha+2$ neutrino model versus oscillation anomalies. Journal of High Energy Physics, 2012, 2012, 1.	4.7	66
27	Minimal models with light sterile neutrinos. Journal of High Energy Physics, 2011, 2011, 1.	4.7	31
28	Non-standard interactions at a neutrino factory: correlations and CP violation. Journal of High Energy Physics, 2011, 2011, 1.	4.7	32
29	Non-Standard ν -Interactions at a Neutrino Factory: Correlation & CP violation effects. , 2011, , .		0
30	Neutrinoless double beta decay in seesaw models. Journal of High Energy Physics, 2010, 2010, 1.	4.7	145
31	Physics at a future Neutrino Factory and super-beam facility. Reports on Progress in Physics, 2009, 72, 106201.	20.1	174
32	The discovery channel at the Neutrino Factory: $\hat{\nu}_2 \hat{\nu}_4 \hat{\nu}_1$, pointing to sterile neutrinos. Journal of High Energy Physics, 2009, 2009, 041-041.	4.7	28
33	Probing nonunitary mixing and $\langle C \rangle_P$ violation at a neutrino factory. Physical Review D, 2009, 80, .	4.7	62
34	Non-unitary leptonic mixing and CP-violation. AIP Conference Proceedings, 2008, , .	0.4	3
35	$\hat{\nu}_{13}$, $\hat{\nu}_1$ and the neutrino mass hierarchy at a $\hat{\nu}_3 = 350$ double baseline Li/B $\hat{\nu}_2$ -beam. Journal of High Energy Physics, 2008, 2008, 050-050.	4.7	18
36	Determining the PMNS Matrix Elements without Assuming Unitarity. AIP Conference Proceedings, 2007, , .	0.4	2

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37	CP-violation from non-unitary leptonic mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 649, 427-435.	4.1	175
38	Unitarity of the leptonic mixing matrix. Journal of High Energy Physics, 2006, 2006, 084-084.	4.7	306