Enrique Fernandez-Martinez

List of Publications by Year
in descending order

69	3,059	186265	155660
papers	citations	28 h-index	55 g-index

69	69	69	1971
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	GeV-scale neutrinos: interactions with mesons and DUNE sensitivity. European Physical Journal C, 2021, 81, 1.	3.9	47
2	Neutrino masses and Hubble tension via a Majoron in MFV. European Physical Journal C, 2021, 81, 1.	3.9	22
3	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	3.9	69
4	Inverse Seesaw, dark matter and the Hubble tension. European Physical Journal C, 2021, 81, 1.	3.9	19
5	Updated physics performance of the ESSnuSB experiment. European Physical Journal C, 2021, 81, 1.	3.9	14
6	Î½ electroweak baryogenesis. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
7	Global bounds on the Type-III Seesaw. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
8	Physics potential of the ESS$$u $$SB. European Physical Journal C, 2020, 80, 1.	3.9	23
9	Neutrino portals to dark matter. European Physical Journal C, 2019, 79, 1.	3.9	73
10	IceCube bounds on sterile neutrinos above 10 eV. European Physical Journal C, 2018, 78, 1.	3.9	15
11	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	77
12	Non-unitarity, sterile neutrinos, and non-standard neutrino interactions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	127
13	Dark Matter and the elusive Zâ€² in a dynamical Inverse Seesaw scenario. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
14	Global constraints on heavy neutrino mixing. Journal of High Energy Physics, 2016, 2016, 1.	4.7	187
15	Neutrino oscillations at DUNE with improved energy reconstruction. Journal of High Energy Physics, 2016, 2016, 1.	4.7	32
16	Global constraints on vector-like WIMP effective interactions. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 015-015.	5.4	6
17	Gauged lepton flavour. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
18	The MOMENT to search for CP violation. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14

#	Article	IF	Citations
19	Future prospects for leptonic CP violation. Nuclear and Particle Physics Proceedings, 2015, 265-266, 177-179.	0.5	0
20	Loop level constraints on Seesaw neutrino mixing. Journal of High Energy Physics, 2015, 2015, 1.	4.7	49
21	Reassessing the sensitivity to leptonic CP violation. Journal of High Energy Physics, 2015, 2015, 1.	4.7	25
22	Searching for sterile neutrinos at the ESSÎ½SB. Journal of High Energy Physics, 2014, 2014, 1.	4.7	6
23	Freeze-in through portals. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 003-003.	5.4	67
24	Gain fractions of future neutrino oscillation facilities over T2K and NOvA. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
25	Probing the Dark Matter mass and nature with neutrinos. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 038-038.	5.4	12
26	High intensity neutrino oscillation facilities in Europe. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	25
27	Are there consistent models giving observable NSI?. Journal of Physics: Conference Series, 2013, 408, 012031.	0.4	0
28	Asymmetric Dark Matter and Dark Radiation. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 022-022.	5.4	74
29	The Gran Sasso muon puzzle. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 029-029.	5.4	19
30	Optimization of neutrino oscillation facilities for large Î¸13. Journal of High Energy Physics, 2012, 2012, 1.	4.7	23
31	Physics reach of CERN-based SuperBeam neutrino oscillation experiments. Journal of High Energy Physics, 2012, 2012, 1.	4.7	7
32	Precision on leptonic mixing parameters at future neutrino oscillation experiments. Journal of High Energy Physics, 2012, 2012, 1.	4.7	41
33	Heavy neutrinos and lepton number violation in â„“p colliders. Nuclear Physics B, 2011, 852, 353-365.	2.5	20
34	Neutrino probes of the nature of light dark matter. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 004-004.	5.4	13
35	Parametrization of seesaw models and light sterile neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 223-229.	4.1	30
36	Aidnogenesis via leptogenesis and dark sphalerons. Journal of High Energy Physics, 2011, 2011, 1.	4.7	96

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37	Importance of nuclear effects in the measurement of neutrino oscillation parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 477-481.	4.1	28
38	Non-unitary leptonic mixing and leptogenesis. Journal of High Energy Physics, 2010, 2010, 1.	4.7	56
39	New physics searches at near detectors of neutrino oscillation experiments. Journal of High Energy Physics, 2010, 2010, 1.	4.7	10
40	Neutrinoless double beta decay in seesaw models. Journal of High Energy Physics, 2010, 2010, 1.	4.7	145
41	Neutrino oscillation parameter sampling with MonteCUBES. Computer Physics Communications, 2010, 181, 227-231.	7.5	40
42	Limitations in the Use of Barrier Buckets in a Beta Beam Decay Ring. , 2010, , .		1
43	The Low Energy Neutrino Factory. , 2010, , .		2
44	Bounds on Neutrino Non-Standard Interactions. , 2010, , .		0
45	The dark side of curvature. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 008-008.	5.4	13
46	Improvement of the low energy neutrino factory. Physical Review D, 2010, 81, .	4.7	21
47	Atmospheric neutrinos in ice and measurement of neutrino oscillation parameters. Physical Review D, 2010, 82, .	4.7	13
48	The Î²-Beam revisited. Nuclear Physics B, 2010, 833, 96-107.	2.5	11
49	Physics at a future Neutrino Factory and super-beam facility. Reports on Progress in Physics, 2009, 72, 106201.	20.1	174
50	Optimized two-baseline Î²-beam experiment. Journal of High Energy Physics, 2009, 2009, 020-020.	4.7	14
51	General bounds on non-standard neutrino interactions. Journal of High Energy Physics, 2009, 2009, 090-090.	4.7	179
52	Loop bounds on non-standard neutrino interactions. Journal of High Energy Physics, 2009, 2009, 139-139.	4.7	50
53	Probing nonunitary mixing and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math>violation at a neutrino factory. Physical Review D, 2009, 80, .	4.7	62
54	Non-standard neutrino interactions with matter from physics beyond the Standard Model. Nuclear Physics B, 2009, 810, 369-388.	2.5	211

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55	Signals of CPT violation and non-locality in future neutrino oscillation experiments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 665, 190-196.	4.1	10
56	Neutrino hierarchy from CP-blind observables with high density magnetized detectors. European Physical Journal C, 2008, 53, 599-606.	3.9	15
57	Determining the hierarchy of neutrino masses with high density magnetized detectors at the Beta Beams. AIP Conference Proceedings, 2008, , .	0.4	0
58	Î¸₁₃, Î´ and the neutrino mass hierarchy at a Î³ = 350 double baseline Li/B Î²-beam. Journal of High Energy Physics, 2008, 2008, 050-050.	4.7	18
59	Prospects for constraining the dark energy potential. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 023.	5.4	10
60	Determining the PMNS Matrix Elements without Assuming Unitarity. AIP Conference Proceedings, 2007, , .	0.4	2
61	PMNS Matrix Elements Without Assuming Unitarity. Nuclear Physics, Section B, Proceedings Supplements, 2007, 168, 366-368.	0.4	0
62	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
63	disappearance at the SPL, T2K-I, NOÎ½A and the neutrino factory. Nuclear Physics B, 2006, 743, 41-73.	2.5	31
64	Î½Î¼ disappearance at the SPL, T2K-I and the Neutrino Factory. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 176-177.	0.4	1
65	Alternating ions in a Î²-beam to solve degeneracies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 641, 432-439.	4.1	28
66	A Beta Beam complex based on the machine upgrades for the LHC. European Physical Journal C, 2006, 48, 787-796.	3.9	29
67	Unitarity of the leptonic mixing matrix. Journal of High Energy Physics, 2006, 2006, 084-084.	4.7	306
68	Appearance and disappearance signals at a Î²-beam and a super-beam facility. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 621, 276-287.	4.1	42
69	Study of the eightfold degeneracy with a standard Î²-beam and a super-beam facility. Nuclear Physics B, 2005, 710, 402-424.	2.5	58