

Martin Gonzalez-Alonso

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,643
citations

304368

22
h-index

360668

35
g-index

36
all docs

36
docs citations

36
times ranked

4329
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing novel scalar and tensor interactions from (ultra)cold neutrons to the LHC. Physical Review D, 2012, 85, .	1.6	188
2	Semileptonic decays of light quarks beyond the Standard Model. Nuclear Physics B, 2010, 830, 95-115.	0.9	179
3	Renormalization-group evolution of new physics contributions to (semi)leptonic meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 777-785.	1.5	130
4	Non-standard charged current interactions: beta decays versus the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	108
5	Compilation of low-energy constraints on 4-fermion operators in the SMEFT. Journal of High Energy Physics, 2017, 2017, 1.	1.6	105
6	Anomalous triple gauge couplings in the effective field theory approach at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	76
7	Global Constraints on Anomalous Triple Gauge Couplings in the Effective Field Theory Approach. Physical Review Letters, 2016, 116, 011801.	2.9	71
8	Isospin Breaking in the Nucleon Mass and the Sensitivity of $\langle \bar{l}l \rangle$ Decays to New Physics. Physical Review Letters, 2014, 112, 042501.	2.9	62
9	Prospects for precision measurements in nuclear decay in the LHC era. Annalen Der Physik, 2013, 525, 600-619.	0.9	61
10	Hadronic $\langle \bar{l}l \rangle$ Decays as New Physics Probes in the LHC Era. Physical Review Letters, 2019, 122, 221801.	2.9	59
11	Beyond-Standard-Model Tensor Interaction and Hadron Phenomenology. Physical Review Letters, 2015, 115, 162001.	2.9	57
12	Comprehensive analysis of beta decays within and beyond the Standard Model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	56
13	Global effective-field-theory analysis of new-physics effects in (semi)leptonic kaon decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	54
14	Pseudo-observables in Higgs decays. European Physical Journal C, 2015, 75, 1.	1.4	45
15	Determination of the chiral couplings L_{10} and C_{87} from semileptonic $\langle \bar{l}l \rangle$ decays. Physical Review D, 2008, 78, .	1.6	38
16	The CKM parameters in the SMEFT. Journal of High Energy Physics, 2019, 2019, 1.	1.6	38
17	Pinched weights and duality violation in QCD sum rules: A critical analysis. Physical Review D, 2010, 82, .	1.6	31
18	The \hat{h}^4 spectrum at low m_{34} : Standard Model vs. light New Physics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 359-365.	1.5	31

#	ARTICLE	IF	CITATIONS
19	Nonstandard Semileptonic Hyperon Decays. Physical Review Letters, 2015, 114, 161802.	2.9	30
20	Violation of quark-hadron duality and spectral chiral moments in QCD. Physical Review D, 2010, 81, .	1.6	28
21	Updated determination of chiral couplings and vacuum condensates from hadronic $\bar{l}_s \rightarrow l_s \gamma$ decay data. Physical Review D, 2016, 94, .	1.6	27
22	Reactor neutrino oscillations as constraints on effective field theory. Journal of High Energy Physics, 2019, 2019, 1.	1.6	26
23	Consistent QFT description of non-standard neutrino interactions. Journal of High Energy Physics, 2020, 2020, 1.	1.6	22
24	EFT at $\text{FASEER}^{\hat{1}/2}$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	21
25	Semileptonic tau decays beyond the Standard Model. Journal of High Energy Physics, 2022, 2022, .	1.6	21
26	Electroweak bounds on Higgs pseudo-observables and $\text{H} \rightarrow \ell \ell \gamma$ decays. European Physical Journal C, 2015, 75, 1.	1.4	20
27	A FB in the SMEFT: precision Z physics at the LHC. Journal of High Energy Physics, 2021, 2021, 1.	1.6	19
28	lepton universality violation in $W \rightarrow \ell \ell \gamma$ decays. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 171-174.	1.6	15
29	Leptophobic $Z \rightarrow \ell \ell$ boson and parity-violating e^+e^- scattering. Physical Review D, 2013, 87, .	1.6	12
30	Adding pseudo-observables to the four-lepton experimentalist's toolbox. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
31	Chiral low-energy constants L_{10} and C_{87} from hadronic $\bar{l}_s \rightarrow l_s \gamma$ decays. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 171-174.	0.5	2
32	Gauge origin of M parity and the $\hat{1}/4$ term in supersymmetry. Physical Review D, 2011, 84, .	1.6	2
33	TAU2014 Opening Talk. Nuclear and Particle Physics Proceedings, 2015, 260, 3-11.	0.2	2
34	From Hadronic $\bar{l}_s \rightarrow l_s \gamma$ Decays to the Chiral Couplings and. Nuclear Physics, Section B, Proceedings Supplements, 2009, 189, 90-95.	0.5	1
35	Duality violation in QCD Sum Rules with the LR correlator. Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 285-289.	0.5	1
36	$\hat{1}^2$ decays in the LHC era: From ultracold neutrons to colliders. , 2013, , .		0