

Maria J Herrero

List of Publications by Year in descending order

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39

papers

1,886

citations

304743

22

h-index

302126

39

g-index

40

all docs

40

docs citations

40

times ranked

2237

citing authors

#	ARTICLE	IF	CITATIONS
1	Unitarized chiral perturbation theory for elastic pion-pion scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 134-140.	4.1	233
2	Chiral lagrangians as a tool to probe the symmetry breaking sector of the SM at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 405-414.	4.1	127
3	Testing supersymmetry with lepton flavor violating $\ell^+ \rightarrow \ell^+ \nu \bar{\nu}$ decays. Physical Review D, 2006, 73, .	4.7	125
4	Lepton flavor violating Higgs boson decays from massive seesaw neutrinos. Physical Review D, 2005, 71, .	4.7	121
5	Study of the strongly interacting Higgs sector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 129-133.	4.1	99
6	Imprints of massive inverse seesaw model neutrinos in lepton flavor violating Higgs boson decays. Physical Review D, 2015, 91, .	4.7	96
7	Phenomenological lagrangian approach to the symmetry breaking sector of the standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 228, 495-502.	4.1	93
8	The electroweak chiral lagrangian for the standard model with a heavy Higgs. Nuclear Physics B, 1994, 418, 431-455.	2.5	92
9	Impact of $\ell^+ \ell^- \rightarrow e^+ e^-$ conversion in nuclei within the SUSY seesaw. Journal of High Energy Physics, 2006, 2006, 090-090.	4.7	92
10	Lepton flavour violating semileptonic $\ell^+ \ell^-$ decays in constrained MSSM-seesaw scenarios. Journal of High Energy Physics, 2008, 2008, 079-079.	4.7	76
11	$\ell^+ \ell^- \rightarrow e^+ e^-$ conversion in nuclei within the CMSSM seesaw: universality versus non-universality. Journal of High Energy Physics, 2007, 2007, 104-104.	4.7	67
12	Supersymmetric QCD corrections to the minimal supersymmetric standard model h0bb vertex in the decoupling limit. Physical Review D, 2001, 63, .	4.7	61
13	Enhancement of the lepton flavor violating Higgs boson decay rates from SUSY loops in the inverse seesaw model. Physical Review D, 2016, 93, .	4.7	52
14	Testing the hypothesis of strongly interacting longitudinal weak bosons in electron-positron collisions at TeV energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 233, 505-511.	4.1	51
15	Non-decoupling effects of the SM Higgs boson to one loop. Nuclear Physics B, 1995, 437, 319-355.	2.5	48
16	One-loop $\ell^+ \ell^- \rightarrow W L + W L \rightarrow Z L Z L$ from the Electroweak Chiral Lagrangian with a light Higgs-like scalar. Journal of High Energy Physics, 2014, 2014, 1.	4.7	45
17	Chiral lagrangians and precision tests of the symmetry breaking sector of the standard model. Nuclear Physics B, 1992, 373, 117-168.	2.5	44
18	Flavor changing neutral Higgs boson decays from squark-gluino loops. Physical Review D, 2003, 67, .	4.7	42

#	ARTICLE		IF	CITATIONS
19	Analysis of the $h, H, A \rightarrow l^+l^-$ decays induced from SUSY loops within the Mass Insertion Approximation. Journal of High Energy Physics, 2016, 2016, 1.		4.7	40
20	Effective lepton flavor violating vertex from right-handed neutrinos within the mass insertion approximation. Physical Review D, 2017, 95, .	$\frac{4.7}{35}$		
21	Lepton flavor violating $Z \rightarrow l^+l^-$ decays: A promising window to low scale seesaw neutrinos. Physical Review D, 2017, 95, .		4.7	31
22	New constraints on general slepton flavor mixing. Physical Review D, 2013, 88, .		4.7	25
23	Study of W^+W^- and Z^+Z^- reactions with chiral lagrangians. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 296, 397-407.		4.1	21
24	Production of vector resonances at the LHC via WZ-scattering: a unitarized EChL analysis. Journal of High Energy Physics, 2017, 2017, 1.		4.7	20
25	Higgs boson masses and B-physics constraints in Non-Minimal Flavor Violating SUSY scenarios. Journal of High Energy Physics, 2012, 2012, 1.		4.7	18
26	Updated constraints on general squark flavor mixing. Physical Review D, 2014, 90, .		4.7	16
27	One-loop effective LFV $Z l \bar{l} m$ vertex from heavy neutrinos within the mass inser. European Physical Journal C, 2018, 78, 1.		3.9	16
28	Unitarization effects in EFT predictions of W^+W^- scattering at the LHC. Physical Review D, 2019, 100, .		4.7	16
29	Supersymmetric QCD decoupling properties in $H \rightarrow tb\bar{A}$ decay. Physical Review D, 2001, 64, .		4.7	12
30	Effective Higgs-quark-quark couplings from a heavy supersymmetric spectrum. Physical Review D, 2002, 65, .		4.7	12
31	One-loop renormalization of vector boson scattering with the electroweak chiral Lagrangian in covariant gauges. Physical Review D, 2021, 104, .		4.7	12
32	Optimal observables to search for indirect supersymmetric QCD signals in Higgs boson decays. Physical Review D, 2002, 65, .		4.7	10
33	Higgs boson masses in the MSSM with heavy Majorana neutrinos. Journal of High Energy Physics, 2011, 2011, 1.		4.7	10
34	Anatomy of Higgs boson decays into l^+l^- and Z within the electroweak chiral Lagrangian in the $R^{\frac{3}{4}}$ gauges. Physical Review D, 2020, 102, .		4.7	9
35	Are scalar leptoquarks testable at the present CERN collider?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 207, 97-102.		4.1	8
36	Weak skyrmions from the hidden symmetry in the standard model. Nuclear Physics B, 1989, 319, 491-500.		2.5	5

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37	Some implications of a top mass close to the W boson mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 203, 167-171.	4.1	4
38	Non-decoupling Effects of SUSY in the Physics of Higgs Bosons and their Phenomenological Implications. AIP Conference Proceedings, 2003, , .	0.4	1
39	Radiatively-induced LFV Higgs Decays from Massive ISS Neutrinos. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1685-1691.	0.5	1