

Maria J Herrero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3507236/publications.pdf>

Version: 2024-02-01

39

papers

1,886

citations

346980

22

h-index

340414

39

g-index

40

all docs

40

docs citations

40

times ranked

2259

citing authors

#	ARTICLE	IF	CITATIONS
1	One-loop renormalization of vector boson scattering with the electroweak chiral Lagrangian in covariant gauges. Physical Review D, 2021, 104, .	1.6	12
2	Anatomy of Higgs boson decays into $\hat{3}\hat{3}^3$ and $\hat{3}\hat{3}Z$ within the electroweak chiral Lagrangian in the $R^{\frac{3}{4}}$ gauges. Physical Review D, 2020, 102, .	1.6	9
3	Unitarization effects in EFT predictions of $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mi>W\langle/mml:mi>\langle mml:mi>Z\langle/mml:mi>\langle/mml:math>$ scattering at the LHC. Physical Review D, 2019, 100, .	1.6	16
4	One-loop effective LFV $\langle Zl_k l_m \rangle$ vertex from heavy neutrinos within the mass inser. European Physical Journal C, 2018, 78, 1.	1.4	16
5	Effective lepton flavor violating $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mi>H\langle/mml:mi>\langle mml:msub>\langle mml:mo>\hat{3}\hat{3}\langle/mml:mo>\langle mml:mi>i\langle/mml:mi>\langle/mml:msub>\langle mml:msub>\langle mml:mo>\hat{3}\hat{3}$ vertex from right-handed neutrinos within the mass insertion approximation. Physical Review D, 2017, 95, .	1.6	35
6	Lepton flavor violating $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle mml:mi>Z\langle/mml:mi>\langle/mml:math>$ decays: A promising window to low scale seesaw neutrinos. Physical Review D, 2017, 95, .	1.6	31
7	Production of vector resonances at the LHC via WZ-scattering: a unitarized EChL analysis. Journal of High Energy Physics, 2017, 2017, 1.	1.6	20
8	Radiatively-induced LFV Higgs Decays from Massive ISS Neutrinos. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1685-1691.	0.2	1
9	Enhancement of the lepton flavor violating Higgs boson decay rates from SUSY loops in the inverse seesaw model. Physical Review D, 2016, 93, .	1.6	52
10	Analysis of the $h, H, A \rightarrow \hat{3}\hat{3}^{\frac{1}{4}}$ decays induced from SUSY loops within the Mass Insertion Approximation. Journal of High Energy Physics, 2016, 2016, 1.	1.6	40
11	Imprints of massive inverse seesaw model neutrinos in lepton flavor violating Higgs boson decays. Physical Review D, 2015, 91, .	1.6	96
12	Updated constraints on general squark flavor mixing. Physical Review D, 2014, 90, .	1.6	16
13	One-loop $\hat{3}\hat{3}^{\frac{1}{4}} \rightarrow W L + W L \rightarrow \hat{3}\hat{3}^{\frac{1}{4}} \rightarrow Z L Z L$ from the Electroweak Chiral Lagrangian with a light Higgs-like scalar. Journal of High Energy Physics, 2014, 2014, 1.	1.6	45
14	New constraints on general slepton flavor mixing. Physical Review D, 2013, 88, .	1.6	25
15	Higgs boson masses and B-physics constraints in Non-Minimal Flavor Violating SUSY scenarios. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
16	Higgs boson masses in the MSSM with heavy Majorana neutrinos. Journal of High Energy Physics, 2011, 2011, 1.	1.6	10
17	Lepton flavour violating semileptonic $\hat{3}_i$, decays in constrained MSSM-seesaw scenarios. Journal of High Energy Physics, 2008, 2008, 079-079.	1.6	76
18	$\hat{3}^{\frac{1}{4}} \rightarrow e^- e^+$ conversion in nuclei within the CMSSM seesaw: universality versus non-universality. Journal of High Energy Physics, 2007, 2007, 104-104.	1.6	67

#	ARTICLE	IF	CITATIONS
19	Testing supersymmetry with lepton flavor violating \tilde{e} , $\tilde{\mu}$, and $\tilde{\tau}$ decays. Physical Review D, 2006, 73, .	1.6	125
20	Impact of \tilde{l}_3 on lepton flavour violating processes within SUSY seesaw. Journal of High Energy Physics, 2006, 2006, 090-090.	1.6	92
21	Lepton flavor violating Higgs boson decays from massive seesaw neutrinos. Physical Review D, 2005, 71, .	1.6	121
22	Flavor changing neutral Higgs boson decays from squark-gluino loops. Physical Review D, 2003, 67, .	1.6	42
23	Non-decoupling Effects of SUSY in the Physics of Higgs Bosons and their Phenomenological Implications. AIP Conference Proceedings, 2003, .	0.3	1
24	Optimal observables to search for indirect supersymmetric QCD signals in Higgs boson decays. Physical Review D, 2002, 65, .	1.6	10
25	Effective Higgs-quark-quark couplings from a heavy supersymmetric spectrum. Physical Review D, 2002, 65, .	1.6	12
26	Supersymmetric QCD decoupling properties in $H \rightarrow t\bar{t}b\bar{b}$ decay. Physical Review D, 2001, 64, .	1.6	12
27	Supersymmetric QCD corrections to the minimal supersymmetric standard model $h^0 b\bar{b} \bar{b}\bar{b}$ vertex in the decoupling limit. Physical Review D, 2001, 63, .	1.6	61
28	Non-decoupling effects of the SM Higgs boson to one loop. Nuclear Physics B, 1995, 437, 319-355.	0.9	48
29	The electroweak chiral lagrangian for the standard model with a heavy Higgs. Nuclear Physics B, 1994, 418, 431-455.	0.9	92
30	Chiral lagrangians and precision tests of the symmetry breaking sector of the standard model. Nuclear Physics B, 1992, 373, 117-168.	0.9	44
31	Study of W^+W^- and $ZL\bar{L}$ reactions with chiral lagrangians. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 296, 397-407.	1.5	21
32	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.	1.5	127
33	Study of the strongly interacting Higgs sector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 129-133.	1.5	99
34	Unitarized chiral perturbation theory for elastic pion-pion scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 134-140.	1.5	233
35	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.	1.5	93
36	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.	1.5	51

#	ARTICLE		IF	CITATIONS
37	Weak skyrmions from the hidden symmetry in the standard model. Nuclear Physics B, 1989, 319, 491-500.		0.9	5
38	Are scalar leptoquarks testable at the present CERN collider?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 207, 97-102.		1.5	8
39	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.		1.5	4