

Oscar Vives

List of Publications by Year in descending order

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86
papers

2,111
citations

201674

27
h-index

233421

45
g-index

89
all docs

89
docs citations

89
times ranked

2603
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavor physics of leptons and dipole moments. European Physical Journal C, 2008, 57, 13-182.	3.9	297
2	Flavor dependence of CP asymmetries and thermal leptogenesis with strong right-handed neutrino mass hierarchy. Physical Review D, 2006, 73, .	4.7	113
3	See-saw and lepton flavour violation in SUSY $\hat{A}SO(10)$. Nuclear Physics B, 2003, 649, 189-204.	2.5	107
4	Spontaneous CP violation and non-Abelian family symmetry in SUSY. Nuclear Physics B, 2004, 692, 50-82.	2.5	101
5	The physics programme of the MoEDAL experiment at the LHC. International Journal of Modern Physics A, 2014, 29, 1430050.	1.5	93
6	Massive neutrinos and flavour violation. New Journal of Physics, 2004, 6, 202-202.	2.9	92
7	Soft SUSY breaking grand unification: Leptons vs quarks on the flavor playground. Nuclear Physics B, 2007, 783, 112-142.	2.5	87
8	General flavor blind minimal supersymmetric standard model and CP violation. Physical Review D, 2001, 64, .	4.7	69
9	Constraining models with vector-like fermions from FCNC in K and B physics. Nuclear Physics B, 2001, 613, 285-305.	2.5	61
10	EDM-free supersymmetric CP violation with non-universal soft terms. Nuclear Physics B, 2000, 580, 275-288.	2.5	52
11	Grand Unification of Quark and Lepton Flavor Changing Neutral Currents. Physical Review Letters, 2004, 92, 071801.	7.8	49
12	Search for Magnetic Monopoles with the MoEDAL Forward Trapping Detector in 13 TeV Proton-Proton Collisions at the LHC. Physical Review Letters, 2017, 118, 061801.	7.8	48
13	Yukawa structure, flavor changing, and CP violation in supergravity. Physical Review D, 2003, 67, .	4.7	45
14	Muon and electron $g_{\mu}^{\mu}{}^2$ and lepton masses in flavor models. Journal of High Energy Physics, 2020, 2020, 1.	4.7	44
15	Search for magnetic monopoles with the MoEDAL prototype trapping detector in 8 TeV proton-proton collisions at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	41
16	How sensitive to FCNC can B_0 CP asymmetries be?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 277-286.	4.1	40
17	Magnetic Monopole Search with the Full MoEDAL Trapping Detector in 13 TeV $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Collisions Interpreted in Photon-Fusion and Drell-Yan Production. Physical Review Letters, 2019, 123, 021802.	7.8	38
18	CP violation as a probe of flavor origin in supersymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 230-234.	4.1	36

#	ARTICLE	IF	CITATIONS
37	Invariant approach to flavour-dependent CP-violating phases in the MSSM. Journal of High Energy Physics, 2006, 2006, 106-106.	4.7	15
38	Electric dipole moments from flavored C violation in supersymmetry. Physical Review D, 2008, 78, .	4.7	15
39	The degenerate gravitino scenario. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 005-005.	5.4	15
40	Controlled flavor violation in the MSSM from a unified $\hat{U}(27)$ flavor symmetry. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
41	Left-Handed Neutrino Disappearance Probe of Neutrino Mass and Character. Physical Review Letters, 1996, 77, 3299-3302.	7.8	13
42	Supersymmetric origin of a low J/ψ CP asymmetry. Physical Review D, 2001, 64, .	4.7	10
43	LFV and $(g-2)$ in non-universal SUSY models with light higgsinos. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
44	Flavour and collider interplay for SUSY at LHC7. European Physical Journal C, 2012, 72, 1.	3.9	9
45	Slepton non-universality in the flavor-effective MSSM. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
46	CP violation in realistic string models with family universal anomalous $U(1)$. Nuclear Physics B, 2002, 641, 93-110.	2.5	8
47	SUSY Seesaw and FCNC. Nuclear Physics, Section B, Proceedings Supplements, 2004, 137, 156-168.	0.4	7
48	Eviction of a 125 GeV ϵ -Higgs from the MSSM. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
49	Effective theories of flavor and the nonuniversal MSSM. Physical Review D, 2017, 95, .	4.7	7
50	Leptogenesis in $\hat{U}(27)$ with a universal texture zero. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
51	Prospects for discovering supersymmetric long-lived particles with MoEDAL. European Physical Journal C, 2020, 80, 431.	3.9	7
52	MEting SUSY on the Z peak. European Physical Journal C, 2016, 76, 1.	3.9	6
53	Lepton flavor violation and neutrino masses from $A5$ and CP in the non-universal MSSM. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
54	Flavoured leptogenesis: A successful thermal leptogenesis with N_1 mass below 108 GeV. Journal of Physics: Conference Series, 2009, 171, 012076.	0.4	5

#	ARTICLE	IF	CITATIONS
55	Flavor-changing Higgs boson decays into bottom and strange quarks in supersymmetric models. Physical Review D, 2015, 92, .	4.7	5
56	CP violation in low energy SUSY. Nuclear Physics, Section B, Proceedings Supplements, 2001, 101, 253-262.	0.4	4
57	Correlation between flavor-violating decay of long-lived slepton and tau in the coannihilation scenario with the seesaw mechanism. Physical Review D, 2011, 83, .	4.7	4
58	Cold positrons from decaying dark matter. Physical Review D, 2012, 86, .	4.7	4
59	The Flavour and CP Problems in SUSY. Lecture Notes in Physics, 2003, , 93-105.	0.7	4
60	\hat{I}^3 -Z interferometry at a \hat{I}^+ -factory. Nuclear Physics B, 1996, 472, 659-680.	2.5	3
61	CP violation in SUSY. Nuclear Physics, Section B, Proceedings Supplements, 2001, 99, 228-237.	0.4	3
62	Improved \hat{I} -lepton tools for Higgs boson hunting. Physical Review D, 2014, 90, .	4.7	3
63	Can measurements of 2HDM parameters provide hints for high scale supersymmetry?. Physical Review D, 2018, 97, .	4.7	3
64	Constraining low-scale flavor models with $g\hat{a}^2$ \hat{I} ETQq0 0		
65	Motion of an electric charge in a terrestrial laboratory. Physical Review D, 1995, 52, 1302-1304.	4.7	2
66	(Standard model) universe dominated by the right matter. Physical Review D, 2009, 79, .	4.7	2
67	$b\hat{t}'s\hat{I}^3$ and CP violation in the MSSM. Nuclear Physics, Section B, Proceedings Supplements, 2000, 81, 214-218.	0.4	1
68	Flavour Physics and Grand Unification. Les Houches Summer School Proceedings, 2006, 84, 1-78.	0.2	1
69	Physics Demos for All UVEG Degrees: A Unique Project in Spain. Procedia, Social and Behavioral Sciences, 2016, 228, 628-632.	0.5	1
70	Transplanckian masses in inflation. Nuclear and Particle Physics Proceedings, 2016, 273-275, 446-451.	0.5	1
71	SUSY discovery prospects with MoEDAL. Journal of Physics: Conference Series, 2020, 1586, 012018.	0.4	1
72	Measuring lepton flavor violation at LHC with a long-lived slepton in the coannihilation region. , 0, .		1

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73	Supersymmetry breaking and the SUSY flavour problem. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 717-719.	0.4	0
74	and. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 526.	0.4	0
75	Flavour and CPV in SUSYGUTs: Prospects of Observability. AIP Conference Proceedings, 2005, , .	0.4	0
76	Flavour symmetries and SUSY soft breaking in the LHC era. Journal of Physics: Conference Series, 2008, 110, 052054.	0.4	0
77	Flavour Symmetries and SUSY Soft Breaking in the LHC Era. Progress of Theoretical Physics Supplement, 2009, 180, 20-26.	0.1	0
78	Long-lived slepton in the coannihilation region and measurement of lepton flavour violation at LHC. Journal of Physics: Conference Series, 2009, 171, 012092.	0.4	0
79	Particles, Strings and Cosmology (PASCOS). Journal of Physics: Conference Series, 2010, 259, 011001.	0.4	0
80	The degenerate gravitino scenario. Journal of Physics: Conference Series, 2010, 259, 012043.	0.4	0
81	Measuring Lepton Flavour Violation at LHC with Long-Lived Slepton in the Coannihilation Region. Journal of Physics: Conference Series, 2011, 315, 012023.	0.4	0
82	Transplanckian inflation as gravity echoes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 336-342.	4.1	0
83	Supersymmetry breaking and the SUSY flavour problem. , 2003, , 717-719.		0
84	TOPICS IN SUSY FLAVOR PHYSICS. , 2003, , .		0
85	SPONTANEOUS CP IN A SUSY THEORY OF FLAVOUR. , 2004, , .		0
86	Flavor physics of leptons and dipole moments. Advances in the Physics of Particles and Nuclei, 2009, , 1-170.	0.1	0