

Stefano Rigolin

List of Publications by Year in descending order

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51
papers

2,717
citations

186265

28
h-index

175258

52
g-index

56
all docs

56
docs citations

56
times ranked

3546
citing authors

#	ARTICLE	IF	CITATIONS
1	Golden measurements at a neutrino factory. Nuclear Physics B, 2000, 579, 17-55.	2.5	428
2	Aspects of type I string phenomenology. Nuclear Physics B, 1999, 553, 43-80.	2.5	180
3	Physics at a future Neutrino Factory and super-beam facility. Reports on Progress in Physics, 2009, 72, 106201.	20.1	174
4	The effective chiral Lagrangian for a light dynamical \hat{H} Higgs particle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 330-335.	4.1	163
5	Dark coupling. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 034-034.	5.4	134
6	Implications of \hat{H}^2 for Supersymmetry and for Discovering Superpartners Directly. Physical Review Letters, 2001, 86, 3484-3487.	7.8	125
7	Disentangling a dynamical Higgs. Journal of High Energy Physics, 2014, 2014, 1.	4.7	108
8	Neutrino mixing and CP-violation. Nuclear Physics B, 2000, 574, 23-42.	2.5	87
9	Top dipole form factors and loop-induced CP violation in supersymmetry. Nuclear Physics B, 1999, 551, 3-40.	2.5	68
10	Dark coupling and gauge invariance. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 044-044.	5.4	68
11	Supersymmetric QCD corrections to the minimal supersymmetric standard model $h_0 b b \hat{A}^-$ vertex in the decoupling limit. Physical Review D, 2001, 63, .	4.7	61
12	Study of the eightfold degeneracy with a standard \hat{I}^2 -beam and a super-beam facility. Nuclear Physics B, 2005, 710, 402-424.	2.5	58
13	Fat brane phenomena. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 482, 195-204.	4.1	51
14	Alternative approach to $g_{\gamma}^{b\hat{t}s}$ in the uMSSM. Journal of High Energy Physics, 2002, 2002, 022-022.	4.7	51
15	CP violation with a dynamical Higgs. Journal of High Energy Physics, 2014, 2014, 1.	4.7	47
16	On the scalar potential of minimal flavour violation. Journal of High Energy Physics, 2011, 2011, 1.	4.7	46
17	Clone flow analysis for a theory inspired Neutrino Experiment planning. Journal of High Energy Physics, 2004, 2004, 011-011.	4.7	45
18	Appearance and disappearance signals at a \hat{I}^2 -beam and a super-beam facility. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 621, 276-287.	4.1	42

#	ARTICLE	IF	CITATIONS
19	Beam and experiments: summary. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 451, 102-122.	1.6	41
20	Flavor with a light dynamical \hat{c} Higgs particle. Physical Review D, 2013, 87, .	4.7	38
21	Weak electric dipole moments of heavy fermions in the MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 322-328.	4.1	37
22	One-loop MSSM contribution to the weak magnetic dipole moments of heavy fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 345-352.	4.1	36
23	Higgs ultraviolet softening. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
24	Sigma decomposition. Journal of High Energy Physics, 2014, 2014, 1.	4.7	34
25	disappearance at the SPL, T2K-I, NO $\hat{1}$ / $\hat{2}$ A and the neutrino factory. Nuclear Physics B, 2006, 743, 41-73.	2.5	31
26	A Beta Beam complex based on the machine upgrades for the LHC. European Physical Journal C, 2006, 48, 787-796.	3.9	29
27	Minimal flavour violation with strong Higgs dynamics. Journal of High Energy Physics, 2012, 2012, 1.	4.7	28
28	Supersymmetric Pati-Salam models from intersecting D-branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 263-275.	4.1	24
29	Flavour violation in a supersymmetric T \hat{c} \hat{c} model. Journal of High Energy Physics, 2011, 2011, 1.	4.7	24
30	Leptonic dynamical Yukawa couplings. Journal of High Energy Physics, 2013, 2013, 1.	4.7	24
31	The minimal linear \hat{f} model for the Goldstone Higgs. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
32	Anisotropic Type I string compactification, winding modes and large extra dimensions. Nuclear Physics B, 1999, 550, 59-76.	2.5	21
33	Revisiting the production of ALPs at B-factories. Journal of High Energy Physics, 2019, 2019, 1.	4.7	18
34	Four species neutrino oscillations at $\hat{1}$ / $\hat{2}$ -Factory: sensitivity and CP-violation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 451, 58-68.	1.6	17
35	Phenomenology of symmetry breaking from extra dimensions. Journal of High Energy Physics, 2007, 2007, 005-005.	4.7	16
36	Neutrino hierarchy from CP-blind observables with high density magnetized detectors. European Physical Journal C, 2008, 53, 599-606.	3.9	15

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37	Bounds on heavy chiral fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 329-336.	4.1	14
38	The impact of solar and atmospheric parameter uncertainties * on the measurement of $\hat{\nu}_{13}$ and $\hat{\nu}_{21}$. European Physical Journal C, 2006, 45, 73-95.	3.9	13
39	Biases on cosmological parameters by general relativity effects. Physical Review D, 2012, 85, .	4.7	13
40	Revisiting $K \rightarrow \pi a_0$ decays. European Physical Journal C, 2022, 82, 1.	3.9	11
41	The minimal axion minimal linear σ model. European Physical Journal C, 2018, 78, 1.	3.9	10
42	Sigma decomposition: the CP-odd Lagrangian. Journal of High Energy Physics, 2016, 2016, 1-20.	4.7	9
43	Higgs portal dark matter and neutrino mass and mixing with a doubly charged scalar. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 121-128.	4.1	6
44	Summary of golden measurements at a $\hat{\nu}_{1/2}$ -factory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 472, 403-407.	1.6	5
45	Testable axion-like particles in the minimal linear σ model. Nuclear Physics B, 2020, 950, 114839.	2.5	4
46	Sum rules for asymptotic form factors in $e^+e^- \rightarrow W^+W^-$ scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 397, 245-254.	4.1	3
47	Physics reach of $\hat{\nu}_{2}$ -beams and $\hat{\nu}_{1/2}$ -factories: the problem of degeneracies. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 33-37.	0.4	3
48	Degeneracies at a $\hat{\nu}_{2}$ -Beam and a Super-Beam Facility. Nuclear Physics, Section B, Proceedings Supplements, 2005, 145, 203-207.	0.4	1
49	$\hat{\nu}_{1/2}$ disappearance at the SPL, T2K-I and the Neutrino Factory. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 176-177.	0.4	1
50	Determining the hierarchy of neutrino masses with high density magnetized detectors at the Beta Beams. AIP Conference Proceedings, 2008, , .	0.4	0
51	One-loop effective potential in $\langle M \rangle$ and without $\hat{\nu}_{1/2}$ Hooft flux. Physical Review D, 2010, 82, .	4.7	0