

Gero Von Gersdorff

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,715
citations

257450

24
h-index

276875

41
g-index

53
all docs

53
docs citations

53
times ranked

4113
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulk and brane radiative effects in gauge theories on orbifolds. Nuclear Physics B, 2002, 635, 127-157.	2.5	119
2	A Bayesian view of the Higgs sector with higher dimensional operators. Journal of High Energy Physics, 2013, 2013, 1.	4.7	108
3	Nonperturbative renormalization flow and essential scaling for the Kosterlitz-Thouless transition. Physical Review B, 2001, 64, .	3.2	107
4	Kähler corrections for the volume modulus of flux compactifications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 624, 270-274.	4.1	102
5	LHC forward physics. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 110201.	3.6	99
6	Scattering light by light at 750 GeV at the LHC. Physical Review D, 2016, 93, .	4.7	82
7	Soft-wall stabilization. New Journal of Physics, 2010, 12, 075012.	2.9	69
8	Suppressing electroweak precision observables in 5D warped models. Journal of High Energy Physics, 2011, 2011, 1.	4.7	68
9	Warped electroweak breaking without custodial symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 208-214.	4.1	61
10	Light-by-light scattering with intact protons at the LHC: from standard model to new physics. Journal of High Energy Physics, 2015, 2015, 1.	4.7	61
11	Supersymmetry breaking on orbifolds from Wilson lines. Physical Review D, 2002, 65, .	4.7	46
12	Radiative brane-mass terms in $D > 5$ orbifold gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 351-359.	4.1	46
13	Anomalous gauge couplings from composite Higgs and warped extra dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	46
14	Measuring the Diphoton Coupling of a 750 GeV Resonance. Physical Review Letters, 2016, 116, 231801.	7.8	40
15	Radiative Scherk-Schwarz supersymmetry breaking. Nuclear Physics B, 2002, 634, 90-104.	2.5	39
16	Probing new physics in diphoton production with proton tagging at the Large Hadron Collider. Physical Review D, 2014, 89, .	4.7	37
17	Two-loop Higgs mass in supersymmetric Kaluza-Klein theories. Nuclear Physics B, 2001, 613, 49-63.	2.5	34
18	The dynamical composite Higgs. Journal of High Energy Physics, 2015, 2015, 1.	4.7	34

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19	One-loop Higgs mass finiteness in supersymmetric Kaluza-Klein theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 445-449.	4.1	33
20	Flavor phenomenology in general 5D warped spaces. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
21	Probing the anomalous $\hat{I}^3\hat{I}^3Z$ coupling at the LHC with proton tagging. Journal of High Energy Physics, 2017, 2017, 1.	4.7	33
22	Localized anomalies in orbifold gauge theories. Physical Review D, 2003, 68, .	4.7	31
23	On non-universal goldstino couplings to matter. Nuclear Physics B, 2012, 855, 570-591.	2.5	27
24	Radius stabilization by two-loop Casimir energy. Nuclear Physics B, 2005, 720, 211-227.	2.5	25
25	Scherk-Schwarz supersymmetry breaking with radion stabilization. Nuclear Physics B, 2004, 689, 76-90.	2.5	23
26	The excitation of the global symmetry-breaking vacuum in composite Higgs models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
27	Improving naturalness in warped models with a heavy bulk Higgs boson. Physical Review D, 2011, 84, .	4.7	20
28	Brane-assisted Scherk-Schwarz supersymmetry breaking in orbifolds. Journal of High Energy Physics, 2002, 2002, 002-002.	4.7	19
29	Flavour in supersymmetry: horizontal symmetries or wave function renormalisation. Journal of High Energy Physics, 2010, 2010, 1.	4.7	19
30	Linking natural supersymmetry to flavour physics. Journal of High Energy Physics, 2014, 2014, 1.	4.7	17
31	Natural fermion hierarchies from random Yukawa couplings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
32	Effective theory for neutral resonances and a statistical dissection of the ATLAS diboson excess. Journal of High Energy Physics, 2015, 2015, 1-33.	4.7	16
33	Anomalies on six dimensional orbifolds. Journal of High Energy Physics, 2007, 2007, 083-083.	4.7	15
34	Supersymmetry breaking with quasi-localized fields in orbifold field theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 93-101.	4.1	14
35	Supersymmetry and electroweak breaking in the interval. Journal of High Energy Physics, 2005, 2005, 008-008.	4.7	13
36	Neutrino mixing from Wilson lines in warped space. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13

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37	Unification of topological invariants in Dirac models. <i>Physical Review B</i> , 2021, 103, .	3.2	13
38	Warped 5D standard model consistent with EWPT. <i>Fortschritte Der Physik</i> , 2011, 59, 1135-1138.	4.4	11
39	One-loop effective action in orbifold compactifications. <i>Journal of High Energy Physics</i> , 2008, 2008, 097-097.	4.7	10
40	Conformal neutrinos: An alternative to the see-saw mechanism. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 317-321.	4.1	10
41	The global Higgs as a signal for compositeness at the LHC. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	10
42	Supersymmetry from boundary conditions. <i>Nuclear Physics B</i> , 2005, 712, 3-19.	2.5	9
43	MSSM from Scherk-Schwarz supersymmetry breaking. <i>Physical Review D</i> , 2006, 74, .	4.7	9
44	THE MSSM ON THE INTERVAL. <i>Modern Physics Letters A</i> , 2007, 22, 385-398.	1.2	9
45	A new class of rank breaking orbifolds. <i>Nuclear Physics B</i> , 2008, 793, 192-210.	2.5	8
46	Universal contributions to scalar masses from five dimensional supergravity. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	8
47	Fermions and supersymmetry breaking in the interval. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 598, 106-112.	4.1	7
48	From soft walls to infrared branes. <i>Physical Review D</i> , 2010, 82, .	4.7	7
49	A random clockwork of flavor. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	6
50	Flavor physics in warped space. <i>Modern Physics Letters A</i> , 2015, 30, 1540013.	1.2	5
51	Realistic GUT Yukawa couplings from a random clockwork model. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	3
52	Universal approximations for flavor models. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	2
53	A clockwork solution to the doublet-triplet splitting problem. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 813, 136039.	4.1	1