

Gero Von Gersdorff

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8458848/publications.pdf>

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	A clockwork solution to the doublet-triplet splitting problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136039.	4.1	1
2	Unification of topological invariants in Dirac models. Physical Review B, 2021, 103, .	3.2	13
3	A random clockwork of flavor. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
4	Realistic GUT Yukawa couplings from a random clockwork model. European Physical Journal C, 2020, 80, 1.	3.9	3
5	Universal approximations for flavor models. Journal of High Energy Physics, 2019, 2019, 1.	4.7	2
6	The global Higgs as a signal for compositeness at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
7	Probing the anomalous $\hat{1}^3\hat{1}^3Z$ coupling at the LHC with proton tagging. Journal of High Energy Physics, 2017, 2017, 1.	4.7	33
8	Natural fermion hierarchies from random Yukawa couplings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
9	LHC forward physics. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 110201.	3.6	99
10	Scattering light by light at 750ÅGeV at the LHC. Physical Review D, 2016, 93, .	4.7	82
11	Measuring the Diphoton Coupling of a 750ÅGeV Resonance. Physical Review Letters, 2016, 116, 231801.	7.8	40
12	The excitation of the global symmetry-breaking vacuum in composite Higgs models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	21
13	The dynamical composite Higgs. Journal of High Energy Physics, 2015, 2015, 1.	4.7	34
14	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
15	Flavor physics in warped space. Modern Physics Letters A, 2015, 30, 1540013.	1.2	5
16	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
17	Linking natural supersymmetry to flavour physics. Journal of High Energy Physics, 2014, 2014, 1.	4.7	17
18	Anomalous gauge couplings from composite Higgs and warped extra dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	46

#	ARTICLE	IF	CITATIONS
19	Probing new physics in diphoton production with proton tagging at the Large Hadron Collider. <i>Physical Review D</i> , 2014, 89, .	4.7	37
20	A Bayesian view of the Higgs sector with higher dimensional operators. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	108
21	Neutrino mixing from Wilson lines in warped space. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	13
22	Universal contributions to scalar masses from five dimensional supergravity. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	8
23	On non-universal goldstino couplings to matter. <i>Nuclear Physics B</i> , 2012, 855, 570-591.	2.5	27
24	Flavor phenomenology in general 5D warped spaces. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	33
25	Suppressing electroweak precision observables in 5D warped models. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	68
26	Warped 5D standard model consistent with EWPT. <i>Fortschritte Der Physik</i> , 2011, 59, 1135-1138.	4.4	11
27	Warped electroweak breaking without custodial symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 697, 208-214.	4.1	61
28	Improving naturalness in warped models with a heavy bulk Higgs boson. <i>Physical Review D</i> , 2011, 84, .	4.7	20
29	Flavour in supersymmetry: horizontal symmetries or wave function renormalisation. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	19
30	Soft-wall stabilization. <i>New Journal of Physics</i> , 2010, 12, 075012.	2.9	69
31	From soft walls to infrared branes. <i>Physical Review D</i> , 2010, 82, .	4.7	7
32	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
33	A new class of rank breaking orbifolds. <i>Nuclear Physics B</i> , 2008, 793, 192-210.	2.5	8
34	One-loop effective action in orbifold compactifications. <i>Journal of High Energy Physics</i> , 2008, 2008, 097-097.	4.7	10
35	THE MSSM ON THE INTERVAL. <i>Modern Physics Letters A</i> , 2007, 22, 385-398.	1.2	9
36	Anomalies on six dimensional orbifolds. <i>Journal of High Energy Physics</i> , 2007, 2007, 083-083.	4.7	15

#	ARTICLE	IF	CITATIONS
37	MSSM from Scherk-Schwarz supersymmetry breaking. <i>Physical Review D</i> , 2006, 74, .	4.7	9
38	Kähler corrections for the volume modulus of flux compactifications. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 624, 270-274.	4.1	102
39	Supersymmetry and electroweak breaking in the interval. <i>Journal of High Energy Physics</i> , 2005, 2005, 008-008.	4.7	13
40	Supersymmetry from boundary conditions. <i>Nuclear Physics B</i> , 2005, 712, 3-19.	2.5	9
41	Radius stabilization by two-loop Casimir energy. <i>Nuclear Physics B</i> , 2005, 720, 211-227.	2.5	25
42	Supersymmetry breaking with quasi-localized fields in orbifold field theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 580, 93-101.	4.1	14
43	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
44	Scherk-Schwarz supersymmetry breaking with radion stabilization. <i>Nuclear Physics B</i> , 2004, 689, 76-90.	2.5	23
45	Radiative brane-mass terms in $D > 5$ orbifold gauge theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 551, 351-359.	4.1	46
46	Localized anomalies in orbifold gauge theories. <i>Physical Review D</i> , 2003, 68, .	4.7	31
47	Supersymmetry breaking on orbifolds from Wilson lines. <i>Physical Review D</i> , 2002, 65, .	4.7	46
48	Brane-assisted Scherk-Schwarz supersymmetry breaking in orbifolds. <i>Journal of High Energy Physics</i> , 2002, 2002, 002-002.	4.7	19
49	Radiative Scherk-Schwarz supersymmetry breaking. <i>Nuclear Physics B</i> , 2002, 634, 90-104.	2.5	39
50	Bulk and brane radiative effects in gauge theories on orbifolds. <i>Nuclear Physics B</i> , 2002, 635, 127-157.	2.5	119
51	Two-loop Higgs mass in supersymmetric Kaluza-Klein theories. <i>Nuclear Physics B</i> , 2001, 613, 49-63.	2.5	34
52	One-loop Higgs mass finiteness in supersymmetric Kaluza-Klein theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 517, 445-449.	4.1	33
53	Nonperturbative renormalization flow and essential scaling for the Kosterlitz-Thouless transition. <i>Physical Review B</i> , 2001, 64, .	3.2	107