Tony Gherghetta

List of Publications by Year
in descending order

57 papers	3,404 citations	236925 25 h-index	149698 56 g-index
57 all docs	57 docs citations	57 times ranked	2276 citing authors

#	Article	IF	Citations
1	Bulk fields and supersymmetry in a slice of AdS. Nuclear Physics B, 2000, 586, 141-162.	2.5	894
2	Extra spacetime dimensions and unification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 55-65.	4.1	592
3	Long-lived particles at the energy frontier: the MATHUSLA physics case. Reports on Progress in Physics, 2019, 82, 116201.	20.1	220
4	A warped supersymmetric standard model. Nuclear Physics B, 2001, 602, 3-22.	2.5	150
5	UV descriptions of composite Higgs models without elementary scalars. Journal of High Energy Physics, 2014, 2014, 1.	4.7	145
6	Chiral symmetry breaking in the soft-wall AdS/QCD model. Physical Review D, 2009, 79, .	4.7	125
7	The scale-invariant NMSSM and the 126 GeV Higgs boson. Journal of High Energy Physics, 2013, 2013, 1.	4.7	102
8	Localized U(1) gauge fields, millicharged particles, and holography. Physical Review D, 2006, 73, .	4.7	77
9	Dirac Neutrino Masses with Planck Scale Lepton Number Violation. Physical Review Letters, 2004, 92, 161601.	7.8	73
10	Invisible axions and large-radius compactifications. Physical Review D, 2000, 62, .	4.7	71
11	Evaluating the price of tiny kinetic mixing. Physical Review D, 2019, 100, .	4.7	68
12	Inflation and high-scale supersymmetry with an EeV gravitino. Physical Review D, 2017, 96, .	4.7	51
13	A visible QCD axion from an enlarged color group. Physical Review D, 2016, 93, .	4.7	50
14	The standard model partly supersymmetric. Physical Review D, 2003, 67, .	4.7	49
15	Gravitino decay in high scale supersymmetry with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math> -parity violation. Physical Review D, 2018, 98, .	4.7	48
16	The soft-wall standard model. Physical Review D, 2008, 78, .	4.7	46
17	A natural little hierarchy for RS from accidental SUSY. Journal of High Energy Physics, 2011, 2011, 1.	4.7	40
18	The axion mass from 5D small instantons. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33

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19	A distorted MSSM Higgs sector from low-scale strong dynamics. Journal of High Energy Physics, 2011, 2011, 1.	4.7	31
20	A warped model of dark matter. Journal of High Energy Physics, 2010, 2010, 1.	4.7	30
21	Naturalizing supersymmetry with a two-field relaxion mechanism. Journal of High Energy Physics, 2016, 2016, 1.	4.7	30
22	A composite Higgs with a heavy composite axion. Journal of High Energy Physics, 2020, 2020, 1.	4.7	29
23	Radion dynamics and phenomenology in the linear dilaton model. Journal of High Energy Physics, 2012, 2012, 1.	4.7	28
24	SUSY implications from WIMP annihilation into scalars at the Galactic Center. Physical Review D, 2015, 91, .	4.7	27
25	The unnatural composite Higgs. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
26	Gravity dual and CERN LHC study of single-sector supersymmetry breaking. Physical Review D, 2007, 76, .	4.7	25
27	A holographic perspective on the axion quality problem. Journal of High Energy Physics, 2020, 2020, 1.	4.7	25
28	Anomaly-Free Brane Worlds in Seven Dimensions. Physical Review Letters, 2003, 90, 101601.	7.8	24
29	Calculable toy model of the string-theory landscape. Physical Review D, 2005, 72, .	4.7	23
30	The price of being SM-like in SUSY. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
31	New weak-scale physics from SO(10) with high-scale supersymmetry. Physical Review D, 2018, 98, .	4.7	22
32	Low-scale <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>D</mml:mi></mml:math> -term inflation and the relaxion mechanism. Physical Review D, 2017, 95, .	4.7	19
33	Holographic mixing quantified. Physical Review D, 2007, 76, .	4.7	18
34	Affleck-Dine sneutrino inflation. Physical Review D, 2015, 92, .	4.7	16
35	Vector-tensor duality in the five dimensional supersymmetric Green-Schwarz mechanism. Physical Review D, 2004, 70, .	4.7	15
36	A slice of AdS 5 as the large N limit of Seiberg duality. Journal of High Energy Physics, 2010, 2010, 1.	4.7	15

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37	Emergent gravity from a mass deformation in warped spacetime. Physical Review D, 2005, 72, .	4.7	14
38	A soft-wall dilaton. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
39	Flavoured warped axion. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
40	A StÃ¼ckelberg formalism for the gravitino from warped extra dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 277-282.	4.1	13
41	Warped leptogenesis with Dirac neutrino masses. Physical Review D, 2007, 76, .	4.7	13
42	Radiative corrections to the composite Higgs mass from a gluon partner. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
43	Bulk fields inAdS5from probe D7 branes. Physical Review D, 2006, 74, .	4.7	11
44	Fermion flavor in the soft-wall AdS model. Physical Review D, 2009, 80, .	4.7	10
45	Long-lived, colour-triplet scalars from unnaturalness. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
46	Partially composite supersymmetry. Physical Review D, 2019, 99, .	4.7	6
47	Light sterile neutrinos and a high-quality axion from a holographic Peccei-Quinn mechanism. Physical Review D, 2022, 105, .	4.7	5
48	Stability analysis of 5D gravitational solutions withNbulk scalar fields. Physical Review D, 2011, 84, .	4.7	4
49	Limits on R -parity violation in high-scale supersymmetry. Physical Review D, 2019, 100, .	4.7	4
50	Partially composite Dynamical Dark Matter. Physical Review D, 2020, 101, .	4.7	4
51	Fermion masses in emergent electroweak symmetry breaking. Journal of High Energy Physics, 2010, 2010, 1.	4.7	3
52	GUT precursors and fixed points in higher-dimensional theories. Pramana - Journal of Physics, 2004, 62, 219-228.	1.8	2
53	CHIRAL SYMMETRY BREAKING IN A SOFT-WALL MODEL OF AdS/QCD. International Journal of Modern Physics A, 2010, 25, 453-463.	1.5	2
54	Neutral naturalness with bifundamental gluinos. Physical Review D, 2016, 94, .	4.7	2

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55	Predicting the superpartner spectrum from partially composite supersymmetry. Physical Review D, 2019, 99, .	4.7	1
56	Small instantons in weakly-gauged holographic models. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
57	Chiral Symmetry Breaking in a Soft-Wall Model of AdS/QCD. , 2010, , .		0