

Tony Gherghetta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6457801/publications.pdf>

Version: 2024-02-01

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	Light sterile neutrinos and a high-quality axion from a holographic Peccei-Quinn mechanism. Physical Review D, 2022, 105, .	4.7	5
2	Flavoured warped axion. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
3	Small instantons in weakly-gauged holographic models. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
4	Partially composite Dynamical Dark Matter. Physical Review D, 2020, 101, .	4.7	4
5	A holographic perspective on the axion quality problem. Journal of High Energy Physics, 2020, 2020, 1.	4.7	25
6	The axion mass from 5D small instantons. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
7	A composite Higgs with a heavy composite axion. Journal of High Energy Physics, 2020, 2020, 1.	4.7	29
8	Limits on R -parity violation in high-scale supersymmetry. Physical Review D, 2019, 100, .	4.7	4
9	Partially composite supersymmetry. Physical Review D, 2019, 99, .	4.7	6
10	Predicting the superpartner spectrum from partially composite supersymmetry. Physical Review D, 2019, 99, .	4.7	1
11	Evaluating the price of tiny kinetic mixing. Physical Review D, 2019, 100, .	4.7	68
12	Long-lived particles at the energy frontier: the MATHUSLA physics case. Reports on Progress in Physics, 2019, 82, 116201.	20.1	220
13	Gravitino decay in high scale supersymmetry with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle R \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -parity violation. Physical Review D, 2018, 98, .	4.7	48
14	New weak-scale physics from SO(10) with high-scale supersymmetry. Physical Review D, 2018, 98, .	4.7	22
15	Low-scale $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -term inflation and the relaxion mechanism. Physical Review D, 2017, 95, .	4.7	19
16	Inflation and high-scale supersymmetry with an EeV gravitino. Physical Review D, 2017, 96, .	4.7	51
17	A visible QCD axion from an enlarged color group. Physical Review D, 2016, 93, .	4.7	50
18	Neutral naturalness with bifundamental gluinos. Physical Review D, 2016, 94, .	4.7	2

#	ARTICLE	IF	CITATIONS
19	Naturalizing supersymmetry with a two-field relaxion mechanism. Journal of High Energy Physics, 2016, 2016, 1.	4.7	30
20	Long-lived, colour-triplet scalars from unnaturallness. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
21	SUSY implications from WIMP annihilation into scalars at the Galactic Center. Physical Review D, 2015, 91, .	4.7	27
22	Affleck-Dine sneutrino inflation. Physical Review D, 2015, 92, .	4.7	16
23	The unnatural composite Higgs. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
24	A soft-wall dilaton. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
25	UV descriptions of composite Higgs models without elementary scalars. Journal of High Energy Physics, 2014, 2014, 1.	4.7	145
26	The price of being SM-like in SUSY. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
27	The scale-invariant NMSSM and the 126 GeV Higgs boson. Journal of High Energy Physics, 2013, 2013, 1.	4.7	102
28	Radiative corrections to the composite Higgs mass from a gluon partner. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
29	Radion dynamics and phenomenology in the linear dilaton model. Journal of High Energy Physics, 2012, 2012, 1.	4.7	28
30	Stability analysis of 5D gravitational solutions with Nbulk scalar fields. Physical Review D, 2011, 84, .	4.7	4
31	A natural little hierarchy for RS from accidental SUSY. Journal of High Energy Physics, 2011, 2011, 1.	4.7	40
32	A distorted MSSM Higgs sector from low-scale strong dynamics. Journal of High Energy Physics, 2011, 2011, 1.	4.7	31
33	A warped model of dark matter. Journal of High Energy Physics, 2010, 2010, 1.	4.7	30
34	Fermion masses in emergent electroweak symmetry breaking. Journal of High Energy Physics, 2010, 2010, 1.	4.7	3
35	A slice of AdS 5 as the large N limit of Seiberg duality. Journal of High Energy Physics, 2010, 2010, 1.	4.7	15
36	CHIRAL SYMMETRY BREAKING IN A SOFT-WALL MODEL OF AdS/QCD. International Journal of Modern Physics A, 2010, 25, 453-463.	1.5	2

#	ARTICLE	IF	CITATIONS
37	Chiral Symmetry Breaking in a Soft-Wall Model of AdS/QCD. , 2010, , .		0
38	Chiral symmetry breaking in the soft-wall AdS/QCD model. Physical Review D, 2009, 79, .	4.7	125
39	Fermion flavor in the soft-wall AdS model. Physical Review D, 2009, 80, .	4.7	10
40	The soft-wall standard model. Physical Review D, 2008, 78, .	4.7	46
41	Gravity dual and CERN LHC study of single-sector supersymmetry breaking. Physical Review D, 2007, 76, .	4.7	25
42	Holographic mixing quantified. Physical Review D, 2007, 76, .	4.7	18
43	Warped leptogenesis with Dirac neutrino masses. Physical Review D, 2007, 76, .	4.7	13
44	Bulk fields in AdS ₅ from probe D7 branes. Physical Review D, 2006, 74, .	4.7	11
45	Localized U(1) gauge fields, millicharged particles, and holography. Physical Review D, 2006, 73, .	4.7	77
46	Calculable toy model of the string-theory landscape. Physical Review D, 2005, 72, .	4.7	23
47	Emergent gravity from a mass deformation in warped spacetime. Physical Review D, 2005, 72, .	4.7	14
48	Vector-tensor duality in the five dimensional supersymmetric Green-Schwarz mechanism. Physical Review D, 2004, 70, .	4.7	15
49	Dirac Neutrino Masses with Planck Scale Lepton Number Violation. Physical Review Letters, 2004, 92, 161601.	7.8	73
50	GUT precursors and fixed points in higher-dimensional theories. Pramana - Journal of Physics, 2004, 62, 219-228.	1.8	2
51	The standard model partly supersymmetric. Physical Review D, 2003, 67, .	4.7	49
52	Anomaly-Free Brane Worlds in Seven Dimensions. Physical Review Letters, 2003, 90, 101601.	7.8	24
53	A StÅ¼ckelberg 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
54	A warped supersymmetric standard model. Nuclear Physics B, 2001, 602, 3-22.	2.5	150

#	ARTICLE	IF	CITATIONS
55	Invisible axions and large-radius compactifications. Physical Review D, 2000, 62, .	4.7	71
56	Bulk fields and supersymmetry in a slice of AdS. Nuclear Physics B, 2000, 586, 141-162.	2.5	894
57	Extra spacetime dimensions and unification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 55-65.	4.1	592