

Manuel Toharia

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

579
citations

623734

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610901

24
g-index

32
all docs

32
docs citations

32
times ranked

3015
citing authors

#	ARTICLE	IF	CITATIONS
1	The scalar sector of the Randall–Sundrum model. Nuclear Physics B, 2003, 671, 243-292.	2.5	75
2	Higgs mediated flavor changing neutral currents in warped extra dimensions. Physical Review D, 2009, 80, .	4.7	70
3	Gluino decays with heavier scalar superpartners. Journal of High Energy Physics, 2006, 2006, 015-015.	4.7	50
4	Precision electroweak data and the mixed radion–Higgs sector of warped extra dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 295-306.	4.1	47
5	Higgs-radion interpretation of the LHC data?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 70-80.	4.1	36
6	Higgs boson production from gluon fusion in warped extra dimensions. Physical Review D, 2010, 82, .	4.7	32
7	Distinguishing dark matter stabilization symmetries using multiple kinematic edges and cusps. Physical Review D, 2010, 82, .	4.7	31
8	Phenomenology of Dirac neutrino genesis in split supersymmetry. Physical Review D, 2006, 73, .	4.7	26
9	Higgs-radion mixing with an enhanced diphoton signal. Physical Review D, 2009, 79, .	4.7	26
10	Lepton flavor violation and supersymmetric Dirac leptogenesis. Physical Review D, 2007, 75, .	4.7	22
11	Connecting (supersymmetry) CERN LHC measurements with high scale theories. Physical Review D, 2007, 75, .	4.7	19
12	Radion mediated flavor changing neutral currents. Physical Review D, 2009, 80, .	4.7	18
13	Low-energy effective theory from a non-trivial scalar background in extra dimensions. Nuclear Physics B, 2004, 686, 165-187.	2.5	16
14	Metastable Kinks in the Orbifold. Physical Review Letters, 2008, 100, 041602.	7.8	16
15	Unified flavor symmetry from warped dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 178-182.	4.1	15
16	Patterns in the fermion mixing matrix, a bottom-up approach. Physical Review D, 2010, 81, .	4.7	10
17	Higgs bosons in warped space, from the bulk to the brane. Physical Review D, 2013, 87, .	4.7	9
18	THE RADION AND THE PERTURBATIVE METRIC IN RS1. Modern Physics Letters A, 2004, 19, 37-47.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Radion phenomenology with 3 and 4 generations. Physical Review D, 2011, 84, .	4.7	7
20	Existence and stability of nontrivial scalar field configurations in orbifolded extra dimensions. Physical Review D, 2008, 77, .	4.7	6
21	Higgs production in general 5D warped models. Physical Review D, 2014, 89, .	4.7	6
22	Scalar kinks in warped extra dimensions. Physical Review D, 2010, 82, .	4.7	5
23	Higgs phenomenology in warped extra dimensions with a fourth generation. Physical Review D, 2011, 84, .	4.7	5
24	Flavor-changing decays of the top quark in 5D warped models. Physical Review D, 2016, 94, .	4.7	5
25	Saving the fourth-generation Higgs boson with radion mixing. Physical Review D, 2012, 85, .	4.7	4
26	Fermion masses and mixing in general warped extra dimensional models. Physical Review D, 2015, 91, .	4.7	4
27	Top and bottom partners, Higgs boson on the brane, and the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">t\bar{t}h \rangle$ signal. Physical Review D, 2017, 95, .	4.7	4
28	Partial \tilde{t}_1 textures and leptogenesis. Physical Review D, 2014, 89, .	4.7	3
29	Higgs boson production and decay in 5D warped models. Physical Review D, 2016, 93, .	4.7	3
30	Bulk Higgs with a heavy diphoton signal. Physical Review D, 2017, 95, .	4.7	2
31	Flavor Bounds and Phenomenology in the Scalar Sector of RS Scenarios. , 2010, , .		0
32	$t\bar{t}h$, Top & Bottom Partners, and the Brane Higgs Limit. , 2021, , 599-607.		0