

Piyush Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,176
citations

489802

18
h-index

563245

28
g-index

30
all docs

30
docs citations

30
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark matter production mechanisms with a nonthermal cosmological history: A classification. Physical Review D, 2016, 93, .	1.6	32
2	Compactified String Theories â€™ Generic Predictions for Particle Physics. Advanced Series on Directions in High Energy Physics, 2015, , 277-324.	0.7	2
3	Compactified string theories â€™ Generic predictions for particle physics. International Journal of Modern Physics A, 2015, 30, 1530019.	0.5	0
4	R-parity conservation from a top down perspective. Journal of High Energy Physics, 2014, 2014, 1.	1.6	5
5	OPE methods for the holomorphic Higgs portal. Journal of High Energy Physics, 2014, 2014, 1.	1.6	4
6	$\alpha_L = R \cdot U(1)$ R lepton number at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
7	$\alpha_L = R \cdot U(1)$ R as the origin of leptonic $\nu\bar{\nu}$ RPV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	38
8	Oblique electroweak parameters S and T for superconformal field theories. Physical Review D, 2013, 88.	1.6	4
9	Higgs mass prediction for realistic M theory vacua. Physical Review D, 2012, 85.	1.6	19
10	COMPACTIFIED STRING THEORIES â€™ GENERIC PREDICTIONS FOR PARTICLE PHYSICS. International Journal of Modern Physics A, 2012, 27, 1230012.	0.5	52
11	The Higgs as a probe of supersymmetric extra sectors. Journal of High Energy Physics, 2012, 2012, 1.	1.6	12
12	Electroweak symmetry breaking in the DSSM. Journal of High Energy Physics, 2012, 2012, 1.	1.6	25
13	Origins of hidden sector dark matter I: cosmology. Journal of High Energy Physics, 2011, 2011, 1.	1.6	73
14	Origins of hidden sector dark matter II: collider physics. Journal of High Energy Physics, 2011, 2011, 1.	1.6	28
15	Electroweak baryogenesis and dark matter with an approximate R-symmetry. Journal of High Energy Physics, 2011, 2011, 1.	1.6	31
16	An M theory solution to the strong CP-problem, and constraints on the axiverse. Journal of High Energy Physics, 2010, 2010, 1.	1.6	154
17	Stabilizing all Kähler moduli in type IIB orientifolds. Journal of High Energy Physics, 2010, 2010, 1.	1.6	42
18	CP-violating phases in M theory and implications for electric dipole moments. Physical Review D, 2010, 82, .	1.6	10

#	ARTICLE	IF	CITATIONS
19	The Leptonic Higgs and Dark Matter. , 2010, , .		0
20	Environmentally selected WIMP dark matter with high-scale supersymmetry breaking. Physical Review D, 2010, 81, .	1.6	6
21	Neutrino masses, Baryon asymmetry, dark matter and the moduli problem " A complete framework. Journal of High Energy Physics, 2009, 2009, 083-083.	1.6	10
22	The leptonic Higgs as a messenger of dark matter. Journal of High Energy Physics, 2009, 2009, 097-097.	1.6	62
23	Nonthermal "WIMP miracle" Physical Review D, 2009, 80, .	1.6	112
24	Unravelling strings at the CERN LHC. Physical Review D, 2008, 77, .	1.6	11
25	Non-thermal dark matter and the moduli problem in string frameworks. Journal of High Energy Physics, 2008, 2008, 064-064.	1.6	162
26	An G^2 -MSSM: theory motivated model of particle physics. Physical Review D, 2008, 78, .	1.6	76
27	LHC string phenomenology. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 1993-2036.	1.4	22
28	Explaining the electroweak scale and stabilizing moduli in M -theory. Physical Review D, 2007, 76, .	1.6	78
29	MTheory Solution to the Hierarchy Problem. Physical Review Letters, 2006, 97, 191601.	2.9	70
30	Visible sector supersymmetry breaking revisited. Journal of High Energy Physics, 2004, 2004, 001-001.	1.6	6