Taizan Watari

List of Publications by Year
in descending order

34 papers	782 citations	687363 13 h-index	501196 28 g-index
34 all docs	34 docs citations	34 times ranked	291 citing authors

#	Article	IF	Citations
1	New aspects of Heterotic–F-theory duality. Nuclear Physics B, 2009, 806, 224-299.	2.5	130
2	Codimension-3 singularities and Yukawa couplings in F-theory. Nuclear Physics B, 2009, 823, 47-115.	2.5	124
3	Flavor structure in F-theory compactifications. Journal of High Energy Physics, 2010, 2010, 1.	4.7	67
4	More on dimension-4 proton decay problem in F-theory.. Nuclear Physics B, 2010, 840, 304-348.	2.5	61
5	Right-handed neutrinos in F-theory compactifications. Nuclear Physics B, 2009, 823, 1-46.	2.5	59
6	Density perturbations and the cosmological constant from inflationary landscapes. Physical Review D, 2005, 72, .	4.7	54
7	Proton decay, Yukawa couplings and underlying gauge symmetry in string theory. Nuclear Physics B, 2006, 747, 212-265.	2.5	53
8	Electroweak supersymmetry with an approximate U(1) Peccei-Quinn symmetry. Physical Review D, 2004, 70, .	4.7	33
9	GUT relations from string theory compactifications. Nuclear Physics B, 2009, 810, 316-353.	2.5	23
10	Statistical understanding of quark and lepton masses in Gaussian landscapes. Physical Review D, 2007, 76, .	4.7	20
11	Quark and Lepton Masses from Gaussian Landscapes. Physical Review Letters, 2008, 100, 141801.	7.8	18
12	Product-group unification in type IIB string theory. Physical Review D, 2004, 70, .	4.7	13
13	Statistics of F-theory flux vacua for particle physics. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
14	On singular fibres in F-theory. Journal of High Energy Physics, 2013, 2013, 1.	4.7	12
15	Simultaneous solutions of the strong CP and μ problems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 607, 155-164.	4.1	11
16	A stable proton without R-parity: Implications for the LSP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 646, 258-264.	4.1	9
17	Theoretical framework for R-parity violation. Physical Review D, 2009, 79, .	4.7	9
18	Investigating generalized parton distribution in gravity dual. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 362-368.	4.1	9

#	Article	IF	Citations
19	Super- and CP-symmetric QCD in higher dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 141-146.	4.1	8
20	Neutrino mixing and mass hierarchy in Gaussian landscapes. Physical Review D, 2009, 79, .	4.7	7
21	Revisiting arithmetic solutions to the $W = 0$ condition. Physical Review D, 2017, 96, .	4.7	7
22	High-energy photon-hadron scattering in holographic QCD. Physical Review D, 2011, 84, .	4.7	6
23	A note on Kahler potential of charged matter in F-theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 254-259.	4.1	6
24	Distribution of the number of generations in flux compactifications. Physical Review D, 2014, 90, .	4.7	6
25	Constraints on GUT 7-brane topology in F-theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 191-194.	4.1	5
26	Vector-like pairs and Brillâ€"Noether theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 145-150.	4.1	4
27	Modular forms as classification invariants of 4D $\mathcal{N} = 2$ Heterotic-IIA dual vacua. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
28	Witten anomaly in 4d heterotic compactificaitons with $\mathcal{N} = 2$ supersymmetry. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
29	String-Theory Realization of Modular Forms for Elliptic Curves with Complex Multiplication. Communications in Mathematical Physics, 2019, 367, 89-126.	2.2	3
30	Naive dimensional analysis in holography. Physical Review D, 2012, 86, .	4.7	2
31	Skewness dependence of generalized parton distributions, conformal OPE, and the AdS/CFT correspondence. Physical Review D, 2014, 90, .	4.7	2
32	PROTON DECAY IN THE SEMI-SIMPLE UNIFICATION MODEL. , 2002, , .		0
33	Direct computation of monodromy matrices and classification of 4d $\mathcal{N} = 2$ heterotic-IIA dual vacua. Journal of High Energy Physics, 2022, 2022, 1.	4.7	0
34	Modular parametrization as Polyakov path integral: cases with CM elliptic curves as target spaces. Communications in Number Theory and Physics, 2022, 16, 353-400.	1.0	0