

Taizan Watari

List of Publications by Year in descending order

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papers

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citations

687363

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docs citations

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291
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Witten anomaly in 4d heterotic compactifications with $\mathcal{N} = 2$ supersymmetry. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
5	String-Theory Realization of Modular Forms for Elliptic Curves with Complex Multiplication. Communications in Mathematical Physics, 2019, 367, 89-126.	2.2	3
6	Revisiting arithmetic solutions to the $W = 0$ condition. Physical Review D, 2017, 96, .	4.7	4
7	Vector-like pairs and Brill-Noether theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 145-150.	4.1	4
8	Statistics of F-theory flux vacua for particle physics. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
9	Distribution of the number of generations in flux compactifications. Physical Review D, 2014, 90, .	4.7	6
10	Skewness dependence of generalized parton distributions, conformal OPE, and the AdS/CFT correspondence. Physical Review D, 2014, 90, .	4.7	2
11	On singular fibres in F-theory. Journal of High Energy Physics, 2013, 2013, 1.	4.7	12
12	Naive dimensional analysis in holography. Physical Review D, 2012, 86, .	4.7	2
13	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
14	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
15	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
16	High-energy photon-hadron scattering in holographic QCD. Physical Review D, 2011, 84, .	4.7	6
17	Flavor structure in F-theory compactifications. Journal of High Energy Physics, 2010, 2010, 1.	4.7	67
18	More on dimension-4 proton decay problem in F-theory.. Nuclear Physics B, 2010, 840, 304-348.	2.5	61

#	ARTICLE	IF	CITATIONS
19	Neutrino mixing and mass hierarchy in Gaussian landscapes. Physical Review D, 2009, 79, .	4.7	7
20	Theoretical framework for R -parity violation. Physical Review D, 2009, 79, .	4.7	9
21	New aspects of Heterotic-F-theory duality. Nuclear Physics B, 2009, 806, 224-299.	2.5	130
22	GUT relations from string theory compactifications. Nuclear Physics B, 2009, 810, 316-353.	2.5	23
23	Right-handed neutrinos in F-theory compactifications. Nuclear Physics B, 2009, 823, 1-46.	2.5	59
24	Codimension-3 singularities and Yukawa couplings in F-theory. Nuclear Physics B, 2009, 823, 47-115.	2.5	124
25	Quark and Lepton Masses from Gaussian Landscapes. Physical Review Letters, 2008, 100, 141801.	7.8	18
26	Statistical understanding of quark and lepton masses in Gaussian landscapes. Physical Review D, 2007, 76, .	4.7	20
27	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
28	Proton decay, Yukawa couplings and underlying gauge symmetry in string theory. Nuclear Physics B, 2006, 747, 212-265.	2.5	53
29	Simultaneous solutions of the strong CP and $\hat{1}/4$ problems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 607, 155-164.	4.1	11
30	Density perturbations and the cosmological constant from inflationary landscapes. Physical Review D, 2005, 72, .	4.7	54
31	Electroweak supersymmetry with an approximate U(1) Peccei-Quinn symmetry. Physical Review D, 2004, 70, .	4.7	33
32	Product-group unification in type IIB string theory. Physical Review D, 2004, 70, .	4.7	13
33	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
34	PROTON DECAY IN THE SEMI-SIMPLE UNIFICATION MODEL. , 2002, , .		0