

Kang-Sin Choi

List of Publications by Year in descending order

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51
papers

754
citations

516710

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g-index

56
all docs

56
docs citations

56
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Abelian discrete flavor symmetries from magnetized/intersecting brane models. Nuclear Physics B, 2009, 820, 317-333.	2.5	107
2	Three generation magnetized orbifold models. Nuclear Physics B, 2009, 814, 265-292.	2.5	77
3	Higher order couplings in magnetized brane models. Journal of High Energy Physics, 2009, 2009, 080-080.	4.7	50
4	String compactification, QCD axion and axion-photon-photon coupling. Journal of High Energy Physics, 2007, 2007, 116-116.	4.7	49
5	Accions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 381-386.	4.1	46
6	Higher order couplings from heterotic orbifold theory. Nuclear Physics B, 2008, 797, 295-321.	2.5	40
7	Magnetic flux, Wilson line, and orbifold. Physical Review D, 2009, 80, .	4.7	32
8	Heterotic SO(32) Model Building In Four Dimensions. Journal of High Energy Physics, 2004, 2004, 063-063.	4.7	28
9	Mathematical expression involving SU and other symbols.	2.5	24
10	Dynkin diagram strategy for orbifolding with Wilson lines. Nuclear Physics B, 2003, 662, 476-490.	2.5	23
11	Three family Z3 orbifold trinification, MSSM and doublet-triplet splitting problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 567, 87-92.	4.1	21
12	Flavor structure from magnetic fluxes and non-Abelian Wilson lines. Physical Review D, 2010, 81, .	4.7	19
13	Discrete R-symmetry anomalies in heterotic orbifold models. Physical Review D, 2007, 76, .	4.7	17
14	E6,7,8 magnetized extra-dimensional models. European Physical Journal C, 2010, 67, 273-282.	3.9	17
15	NON-ABELIAN DISCRETE FLAVOR SYMMETRIES ON ORBIFOLDS. International Journal of Modern Physics A, 2011, 26, 4067-4082.	1.5	16
16	Standard Model as a Double Field Theory. Physical Review Letters, 2015, 115, 171603.	7.8	16
17	Towards the MSSM from F-theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 330-333.	4.1	15
18	Supergravity in twelve dimension. Journal of High Energy Physics, 2015, 2015, 1.	4.7	12

#	ARTICLE	IF	CITATIONS
19	Extended gauge symmetries in F-theory. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	11
20	Weak mixing angle and proton stability in F-theory GUT. <i>Nuclear Physics B</i> , 2012, 855, 1-20.	2.5	11
21	E(lementary)-strings in six-dimensional heterotic F-theory. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	11
22	U(n) spectral covers from decomposition. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	10
23	Z2 orbifold compactification of heterotic string and 6D SO(16) and E7 \tilde{A} -SU(2) flavor unification models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 552, 81-86.	4.1	9
24	INTERSECTING BRANE WORLD FROM TYPE I COMPACTIFICATION. <i>International Journal of Modern Physics A</i> , 2007, 22, 3169-3200.	1.5	9
25	Supersymmetric three family chiral SU(6) grand unification model from F-theory. <i>Physical Review D</i> , 2011, 83, .	4.7	9
26	Twelve-dimensional effective action and \mathbb{Z}_2 T-duality. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	9
27	Gauge unification via stable brane recombination. <i>Journal of High Energy Physics</i> , 2005, 2005, 043-043.	4.7	8
28	On the standard model group in F-theory. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	8
29	Spectra of heterotic strings on orbifolds. <i>Nuclear Physics B</i> , 2005, 708, 194-214.	2.5	7
30	Unification in intersecting brane models. <i>Physical Review D</i> , 2006, 74, .	4.7	7
31	Higgsino mass matrix ansatz for MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 579, 165-172.	4.1	6
32	Transitions of orbifold vacua. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	5
33	Contorted flavors in grand unification and proton decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 668, 392-395.	4.1	4
34	Softening of the supersymmetry flavor problem from asymptotically free bulk interactions. <i>Physical Review D</i> , 2003, 68, .	4.7	3
35	Aligned natural inflation in the Large Volume Scenario. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	3
36	What is the minimal supersymmetric Standard Model from F-theory?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 718, 218-222.	4.1	2

#	ARTICLE	IF	CITATIONS
37	Gauge Unification via Stable Brane Recombination. AIP Conference Proceedings, 2005, , .	0.4	1
38	Orbifolds and Spinors. , 2006, , 43-69.		0
39	Orbifold Phenomenology. , 2006, , 267-308.		0
40	String Orbifold Spectra. , 2006, , 235-265.		0
41	Standard Model and Beyond. , 2006, , 13-42.		0
42	Code Manual and Z3 Tables. , 2006, , 309-349.		0
43	Quantization of Strings. , 2006, , 103-147.		0
44	Strings on Orbifolds. , 2006, , 149-183.		0
45	UV Completion of Axion. , 2008, , .		0
46	Elliptic genus, anomaly cancellation and heterotic M-theory. Physical Review D, 2021, 103, .	4.7	0
47	Smooth Compactification. Lecture Notes in Physics, 2020, , 431-474.	0.7	0
48	String Unification. Lecture Notes in Physics, 2020, , 409-430.	0.7	0
49	Other Constructions. Lecture Notes in Physics, 2020, , 499-522.	0.7	0
50	Interactions on Orbifolds. Lecture Notes in Physics, 2020, , 263-302.	0.7	0
51	Small-instanton transitions in F-theory. European Physical Journal Plus, 2022, 137, 1.	2.6	0