Kang-Sin Choi

List of Publications by Year
in descending order

51	754	516710	526287
papers	citations	16	27
		h-index	g-index

56	56	56	248
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Small-instanton transitions in F-theory. European Physical Journal Plus, 2022, 137, 1.	2.6	0
2	Elliptic genus, anomaly cancellation and heterotic M-theory. Physical Review D, 2021, 103, .	4.7	0
3	Aligned natural inflation in the Large Volume Scenario. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
4	Smooth Compactification. Lecture Notes in Physics, 2020, , 431-474.	0.7	0
5	String Unification. Lecture Notes in Physics, 2020, , 409-430.	0.7	0
6	Other Constructions. Lecture Notes in Physics, 2020, , 499-522.	0.7	0
7	Interactions on Orbifolds. Lecture Notes in Physics, 2020, , 263-302.	0.7	0
8	Transitions of orbifold vacua. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
9	E(lementary)-strings in six-dimensional heterotic F-theory. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
10	Standard Model as a Double Field Theory. Physical Review Letters, 2015, 115, 171603.	7.8	16
11	Supergravity in twelve dimension. Journal of High Energy Physics, 2015, 2015, 1.	4.7	12
12	Twelve-dimensional effective action and $$T$$ T -duality. European Physical Journal C, 2015, 75, 1.	3.9	9
13	On the standard model group in F-theory. European Physical Journal C, 2014, 74, 1.	3.9	8
14	Weak mixing angle and proton stability in F-theory GUT. Nuclear Physics B, 2012, 855, 1-20.	2.5	11
15	What is the minimal supersymmetric Standard Model from F-theory?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 218-222.	4.1	2
16	U(n) spectral covers from decomposition. Journal of High Energy Physics, 2012, 2012, 1.	4.7	10
17	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="italic">SU</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3</mml:mn><mml:mo stretchy="false">)</mml:mo> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (stretchy="false" mathvariant="italic">SU</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mo stretchy="false">)</mml:mo>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 77 Td (stretchy="false"	2.5	24
18	Supersymmetric three family chiral SU(6) grand unification model from F-theory. Physical Review D, 2011, 83, .	4.7	9

#	Article	IF	Citations
19	NON-ABELIAN DISCRETE FLAVOR SYMMETRIES ON ORBIFOLDS. International Journal of Modern Physics A, 2011, 26, 4067-4082.	1.5	16
20	E6,7,8 magnetized extra-dimensional models. European Physical Journal C, 2010, 67, 273-282.	3.9	17
21	Extended gauge symmetries in F-theory. Journal of High Energy Physics, 2010, 2010, 1.	4.7	11
22	Towards the MSSM from F-theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 330-333.	4.1	15
23	Flavor structure from magnetic fluxes and non-Abelian Wilson lines. Physical Review D, 2010, 81, .	4.7	19
24	Higher order couplings in magnetized brane models. Journal of High Energy Physics, 2009, 2009, 080-080.	4.7	50
25	Accions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 381-386.	4.1	46
26	Magnetic flux, Wilson line, and orbifold. Physical Review D, 2009, 80, .	4.7	32
27	Three generation magnetized orbifold models. Nuclear Physics B, 2009, 814, 265-292.	2.5	77
28	Non-Abelian discrete flavor symmetries from magnetized/intersecting brane models. Nuclear Physics B, 2009, 820, 317-333.	2.5	107
29	Contorted flavors in grand unification and proton decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 392-395.	4.1	4
30	Higher order couplings from heterotic orbifold theory. Nuclear Physics B, 2008, 797, 295-321.	2.5	40
31	UV Completion of Axion. , 2008, , .		0
32	INTERSECTING BRANE WORLD FROM TYPE I COMPACTIFICATION. International Journal of Modern Physics A, 2007, 22, 3169-3200.	1.5	9
33	String compactification, QCD axion and axion–photon–photon coupling. Journal of High Energy Physics, 2007, 2007, 116-116.	4.7	49
34	DiscreteR-symmetry anomalies in heterotic orbifold models. Physical Review D, 2007, 76, .	4.7	17
35	Orbifolds and Spinors. , 2006, , 43-69.		0
36	Unification in intersecting brane models. Physical Review D, 2006, 74, .	4.7	7

#	Article	IF	Citations
37	Orbifold Phenomenology. , 2006, , 267-308.		0
38	String Orbifold Spectra. , 2006, , 235-265.		0
39	Standard Model and Beyond. , 2006, , 13-42.		0
40	Code Manual and Z3 Tables. , 2006, , 309-349.		0
41	Quantization of Strings. , 2006, , 103-147.		0
42	Strings on Orbifolds. , 2006, , 149-183.		0
43	Gauge unification via stable brane recombination. Journal of High Energy Physics, 2005, 2005, 043-043.	4.7	8
44	Gauge Unification via Stable Brane Recombination. AIP Conference Proceedings, 2005, , .	0.4	1
45	Spectra of heterotic strings on orbifolds. Nuclear Physics B, 2005, 708, 194-214.	2.5	7
46	Heterotic SO(32) Model Building In Four Dimensions. Journal of High Energy Physics, 2004, 2004, 063-063.	4.7	28
47	Higgsino mass matrix ansatz for MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 579, 165-172.	4.1	6
48	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
49	Z2 orbifold compactification of heterotic string and 6D SO(16) and E7×SU(2) flavor unification models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 552, 81-86.	4.1	9
50	Dynkin diagram strategy for orbifolding with Wilson lines. Nuclear Physics B, 2003, 662, 476-490.	2.5	23
51	Softening of the supersymmetry flavor problem from asymptotically free bulk interactions. Physical Review D, 2003, 68, .	4.7	3