

Mu-Chun Chen

List of Publications by Year in descending order

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61
papers

2,453
citations

218381

26
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189595

50
g-index

61
all docs

61
docs citations

61
times ranked

1217
citing authors

#	ARTICLE	IF	CITATIONS
1	Metaplectic flavor symmetries from magnetized tori. Journal of High Energy Physics, 2021, 2021, 1.	1.6	50
2	A note on the predictions of models with modular flavor symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135153.	1.5	73
3	Baryogenesis, dark matter, and flavor structure in non-thermal moduli cosmology. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
4	Neutrino non-standard interactions: A status report. SciPost Physics Proceedings, 2019, , .	0.2	56
5	Beyond minimal lepton-flavored Dark Matter. Journal of High Energy Physics, 2016, 2016, 1.	1.6	25
6	Anomaly-safe discrete groups. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 22-26.	1.5	11
7	Nonthermal cosmic neutrino background. Physical Review D, 2015, 92, .	1.6	19
8	R parity violation from discrete R symmetries. Nuclear Physics B, 2015, 891, 322-345.	0.9	7
9	CP violation from finite groups. Nuclear Physics B, 2014, 883, 267-305.	0.9	126
10	Compatibility of \hat{I}_3 and the Type I seesaw model with A 4 symmetry. Journal of High Energy Physics, 2013, 2013, 1.	1.6	35
11	Predictivity of models with spontaneously broken non-Abelian discrete flavor symmetries. Nuclear Physics B, 2013, 873, 343-371.	0.9	17
12	Large \hat{I}_3 in a SUSY SU(5) \hat{A}_5 model. Journal of High Energy Physics, 2013, 2013, 1.	1.6	33
13	Non-Abelian discrete R symmetries. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
14	The \hat{I}_3 term and neutrino masses. Nuclear Physics B, 2013, 866, 157-176.	0.9	21
15	Supersymmetric unification requires extra dimensions. , 2013, , .		1
16	SUPERSYMMETRIC UNIFICATION AND R SYMMETRIES. Modern Physics Letters A, 2012, 27, 1230044.	0.5	10
17	Dirac leptogenesis with a non-anomalous U(1) \hat{A}_5 family symmetry. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
18	Models and Phenomenology of Neutrino Masses circa 2010. Nuclear Physics, Section B, Proceedings Supplements, 2012, 229-232, 63-67.	0.5	0

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19	On predictions from spontaneously broken flavor symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 516-521.	1.5	15
20	TeV SCALE MODELS OF NEUTRINO MASSES AND THEIR PHENOMENOLOGY. Modern Physics Letters A, 2011, 26, 1147-1167.	0.5	36
21	Neutrino masses with a non-universal, non-anomalous $U(1)$ symmetry. Physical Review D, 2010, 82, .	1.5	1
22	A novel origin of CP violation. Progress in Particle and Nuclear Physics, 2010, 64, 348-350.	5.6	0
23	A Novel Origin of CP Violation. , 2010, , .		0
24	A Viable Flavor Model for Quarks and Leptons in RS with $T\bar{E}^1$ Family Symmetry. AIP Conference Proceedings, 2010, , .	0.3	6
25	Low scale nonuniversal, nonanomalous $U(1)$ in a minimal supersymmetric standard model. Physical Review D, 2010, 82, .	1.6	2
26	Viable Randall-Sundrum model for quarks and leptons with $U(1)$ family symmetry. Physical Review D, 2010, 81, .	1.6	34
27	TeV scale seesaw model and a flavorful Z at the LHC. Physical Review D, 2010, 81, .	1.6	10
28	Physics at a future Neutrino Factory and super-beam facility. Reports on Progress in Physics, 2009, 72, 106201.	8.1	174
29	A_{43} see-saw models and form dominance. Journal of High Energy Physics, 2009, 2009, 072-072.	1.6	112
30	Neutrino Mass Models: circa 2008. Nuclear Physics, Section B, Proceedings Supplements, 2009, 188, 315-320.	0.5	7
31	Minimal flavor violation in the lepton sector of the Randall-Sundrum model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 253-256.	1.5	47
32	Group theoretical origin of CP violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 444-447.	1.5	71
33	Lepton flavor violation in predictive supersymmetric GUT models. Physical Review D, 2008, 77, .	1.6	11
34	Higgs triplets, decoupling, and precision measurements. Physical Review D, 2008, 78, .	1.6	34
35	Fermion mass hierarchy and proton stability from nonanomalous $U(1)$ symmetry. Physical Review D, 2008, 78, .		

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37	Relating Leptogenesis to Low Energy CP Violation. AIP Conference Proceedings, 2007, , .	0.3	1
38	Models of Neutrino Masses and Mixing. AIP Conference Proceedings, 2007, , .	0.3	6
39	Low scale seesaw, electron electric dipole moment, and leptogenesis in a model with spontaneous CP violation. Physical Review D, 2007, 75, .	1.6	11
40	Gauge trimming of neutrino masses. Physical Review D, 2007, 75, .	1.6	38
41	Theory of neutrinos: a white paper. Reports on Progress in Physics, 2007, 70, 1757-1867.	8.1	372
42	CKM and tri-bimaximal MNS matrices in a $SU(3)_C \times SU(3)_L \times U(1)_Y$ gauge theory. Physical Review D, 2007, 75, .	1.6	41
43	Higgs triplets and limits from precision measurements. Physical Review D, 2006, 74, .	1.6	41
44	Model predictions for neutrino oscillation parameters. Physical Review D, 2006, 74, .	1.6	59
45	MODELS OF LITTLE HIGGS AND ELECTROWEAK PRECISION TESTS. Modern Physics Letters A, 2006, 21, 621-637.	0.5	62
46	CONSTRAINING NEW MODELS WITH PRECISION ELECTROWEAK DATA. International Journal of Modern Physics A, 2006, 21, 4045-4070.	0.5	23
47	SYMMETRIC TEXTURES IN $SO(10)$ AND NEUTRINOS. , 2006, , .		0
48	$SO(10)$ GUT's, Neutrinos and LFV. International Journal of Modern Physics A, 2005, 20, 3118-3120.	0.5	1
49	Relating leptogenesis to low energy flavor violating observables in models with spontaneous CP violation. Physical Review D, 2005, 71, .	1.6	29
50	Generation of small neutrino Majorana masses in a Randall-Sundrum model. Physical Review D, 2005, 71, .	1.6	11
51	FERMION MASSES AND NEUTRINO OSCILLATIONS IN $SO(10) \times SU(2)_F$. , 2005, , .		0
52	Lepton flavor violating decays and soft leptogenesis in a supersymmetric $SO(10)$ model. Physical Review D, 2004, 70, .	1.6	31
53	One-loop radiative corrections to the θ_{13} parameter in the littlest Higgs model. Physical Review D, 2004, 70, .	1.6	170
54	An Overview of Neutrino Masses and Mixing in $SO(10)$ Models. AIP Conference Proceedings, 2004, , .	0.3	7

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55	Very long baseline neutrino oscillation experiments for precise measurements of mixing parameters and CP violating effects. Physical Review D, 2003, 68, .	1.6	100
56	Symmetric textures in $SO(10)$ and large mixing angle solution for solar neutrinos. Physical Review D, 2003, 68, .	1.6	26
57	FERMION MASSES AND MIXING AND CP-VIOLATION IN $SO(10)$ MODELS WITH FAMILY SYMMETRIES. International Journal of Modern Physics A, 2003, 18, 5819-5888.	0.5	70
58	CP violation in a supersymmetric $SO(10) \times U(2)_F$ model. Physical Review D, 2002, 65, .	1.6	30
59	From CKM Matrix to MNS Matrix: A Model Based on SUSY $SO(10) \times U(2)_F$ Symmetry. International Journal of Modern Physics A, 2001, 16, 893-895.	0.5	3
60	IMPLICATIONS OF THE RENORMALIZATION GROUP EQUATIONS IN THREE-NEUTRINO MODELS WITH TWO-FOLD DEGENERACY. International Journal of Modern Physics A, 2001, 16, 3923-3930.	0.5	17
61	From the CKM matrix to the Maki-Nakagawa-Sakata matrix: A model based on supersymmetric $SO(10) \times U(2)_F$ symmetry. Physical Review D, 2000, 62, .	1.6	54