

Mu-Chun Chen

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,453
citations

218381

26
h-index

189595

50
g-index

61
all docs

61
docs citations

61
times ranked

1217
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of neutrinos: a white paper. Reports on Progress in Physics, 2007, 70, 1757-1867. CKM and tri-bimaximal MNS matrices in a $SU(5)$ GUT. Physical Review D, 2004, 70, .	8.1	372
2	Physics at a future Neutrino Factory and super-beam facility. Reports on Progress in Physics, 2009, 72, 106201.	8.1	174
3	One-loop radiative corrections to the θ_{13} parameter in the littlest Higgs model. Physical Review D, 2004, 70, .	1.6	170
4	CP violation from finite groups. Nuclear Physics B, 2014, 883, 267-305.	0.9	126
5	A_4 see-saw models and form dominance. Journal of High Energy Physics, 2009, 2009, 072-072.	1.6	112
6	Very long baseline neutrino oscillation experiments for precise measurements of mixing parameters and CP violating effects. Physical Review D, 2003, 68, .	1.6	100
7	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
8	Group theoretical origin of CP violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 444-447.	1.5	71
9	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
10	MODELS OF LITTLE HIGGS AND ELECTROWEAK PRECISION TESTS. Modern Physics Letters A, 2006, 21, 621-637.	0.5	62
11	Model predictions for neutrino oscillation parameters. Physical Review D, 2006, 74, .	1.6	59
12	Neutrino non-standard interactions: A status report. SciPost Physics Proceedings, 2019, . .	0.2	56
13	From the CKM matrix to the Maki-Nakagawa-Sakata matrix: A model based on supersymmetric $SO(10)$ $U(2)$ symmetry. Physical Review D, 2000, 62, .	1.6	54
14	Metaplectic flavor symmetries from magnetized tori. Journal of High Energy Physics, 2021, 2021, 1.	1.6	50
15	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
16	Higgs triplets and limits from precision measurements. Physical Review D, 2006, 74, .	1.6	41
17	Gauge trimming of neutrino masses. Physical Review D, 2007, 75, .	1.6	38

#	ARTICLE	IF	CITATIONS
19	TeV SCALE MODELS OF NEUTRINO MASSES AND THEIR PHENOMENOLOGY. Modern Physics Letters A, 2011, 26, 1147-1167.	0.5	36
20	Compatibility of $\hat{1}, 13$ and the Type I seesaw model with A 4 symmetry. Journal of High Energy Physics, 2013, 2013, 1.	1.6	35
21	Higgs triplets, decoupling, and precision measurements. Physical Review D, 2008, 78, .	1.6	34
22	Viable Randall-Sundrum model for quarks and leptons with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:msup} \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\Delta}^2 \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{family symmetry. Physical Review D, 2010, 81, .$	1.6	34
23	Large $\hat{1}, 13$ in a SUSY SU(5) \hat{A} — $\hat{T}\hat{\Delta}^2$ model. Journal of High Energy Physics, 2013, 2013, 1.	1.6	33
24	Lepton flavor violating decays and soft leptogenesis in a supersymmetric SO(10) model. Physical Review D, 2004, 70, .	1.6	31
25	CPviolation in a supersymmetricSO(10) \hat{A} —U(2)Fmodel. Physical Review D, 2002, 65, .	1.6	30
26	Relating leptogenesis to low energy flavor violating observables in models with spontaneousCPviolation. Physical Review D, 2005, 71, .	1.6	29
27	Symmetric textures inSO(10)and large mixing angle solution for solar neutrinos. Physical Review D, 2003, 68, .	1.6	26
28	Beyond minimal lepton-flavored Dark Matter. Journal of High Energy Physics, 2016, 2016, 1.	1.6	25
29	CONSTRAINING NEW MODELS WITH PRECISION ELECTROWEAK DATA. International Journal of Modern Physics A, 2006, 21, 4045-4070.	0.5	23
30	The $\hat{1}/4$ term and neutrino masses. Nuclear Physics B, 2013, 866, 157-176. Fermion mass hierarchy and proton stability from nonanomalous $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mi} \rangle U \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mo} \rangle T_j \text{ ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (st$	0.9	21
31	supersymmetric $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$		

#	ARTICLE	IF	CITATIONS
37	Generation of small neutrino Majorana masses in a Randall-Sundrum model. Physical Review D, 2005, 71, .	1.6	11
38	Low scale seesaw, electron electric dipole moment, and leptogenesis in a model with spontaneous CP violation. Physical Review D, 2007, 75, .	1.6	11
39	Lepton flavor violation in predictive supersymmetric GUT models. Physical Review D, 2008, 77, .	1.6	11
40	Dirac leptogenesis with a non-anomalous $U(1)_{\text{B-L}}$ family symmetry. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
41	Anomaly-safe discrete groups. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 22-26.	1.5	11
42	TeV scale seesaw model and a flavorful Z_{CP} at the LHC. Physical Review D, 2010, 81, .	1.6	10
43	SUPERSYMMETRIC UNIFICATION AND R SYMMETRIES. Modern Physics Letters A, 2012, 27, 1230044.	0.5	10
44	An Overview of Neutrino Masses and Mixing in $SO(10)$ Models. AIP Conference Proceedings, 2004, , .	0.3	7
45	Neutrino Mass Models: circa 2008. Nuclear Physics, Section B, Proceedings Supplements, 2009, 188, 315-320.	0.5	7
46	R parity violation from discrete R symmetries. Nuclear Physics B, 2015, 891, 322-345.	0.9	7
47	Models of Neutrino Masses and Mixing. AIP Conference Proceedings, 2007, , .	0.3	6
48	A Viable Flavor Model for Quarks and Leptons in RS with T_{E}^1 Family Symmetry. AIP Conference Proceedings, 2010, , .	0.3	6
49	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
50	Baryogenesis, dark matter, and flavor structure in non-thermal moduli cosmology. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
51	Leptogenesis. , 2008, , 123-176.		3
52	Low scale nonuniversal, nonanomalous $U(1)_{\text{F}}$ in a minimal supersymmetric standard model. Physical Review D, 2010, 82, .	1.6	2
53	$SO(10)$ GUT's, Neutrinos and LFV. International Journal of Modern Physics A, 2005, 20, 3118-3120.	0.5	1
54	Relating Leptogenesis to Low Energy CP Violation. AIP Conference Proceedings, 2007, , .	0.3	1

#	ARTICLE	IF	CITATIONS
55	lepton masses with a non-universal, non-anomalous $\langle m \rangle$. http://www.elsevier.com/xml/xocs/dtd overflow= scroll" xmlns:xocs= http://www.elsevier.com/xml/xocs/dtd xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	1.5	1
56	Supersymmetric unification requires extra dimensions. , 2013, , .		1
57	A novel origin of CP violation. Progress in Particle and Nuclear Physics, 2010, 64, 348-350.	5.6	0
58	A Novel Origin of CP Violation. , 2010, , .		0
59	Models and Phenomenology of Neutrino Masses circa 2010. Nuclear Physics, Section B, Proceedings Supplements, 2012, 229-232, 63-67.	0.5	0
60	FERMION MASSES AND NEUTRINO OSCILLATIONS IN $SO(10) \tilde{A}- SU(2)_F$. , 2005, , .		0
61	SYMMETRIC TEXTURES IN $SO(10)$ AND NEUTRINOS. , 2006, , .		0