

Chee Sheng Fong

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

666
citations

471509

17
h-index

580821

25
g-index

39
all docs

39
docs citations

39
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptogenesis in the Universe. <i>Advances in High Energy Physics</i> , 2012, 2012, 1-59.	1.1	99
2	Possible interpretations of IceCube high-energy neutrino events. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	51
3	A framework for testing leptonic unitarity by neutrino oscillation experiments. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	34
4	Squeezing out predictions with leptogenesis from SO(10). <i>Physical Review D</i> , 2012, 86, .	4.7	29
5	Yukawa hierarchies from spontaneous breaking of the SU(3) L \bar{A} – SU(3) R flavour symmetry?. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	28
6	LEPTOGENESIS FROM SOFT SUPERSYMMETRY BREAKING: SOFT LEPTOGENESIS. <i>International Journal of Modern Physics A</i> , 2011, 26, 3491-3604.	1.5	27
7	Leptogenesis in SO(10). <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	25
8	Non-unitary evolution of neutrinos in matter and the leptonic unitarity test. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	25
9	An experiment on the Rayleigh instability of charged liquid drops. <i>American Journal of Physics</i> , 2007, 75, 499-503.	0.7	22
10	Supersymmetric leptogenesis. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 013-013.	5.4	22
11	Cloistered baryogenesis. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 013-013.	5.4	21
12	CP violation from scatterings with gauge bosons in leptogenesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 697, 463-470.	4.1	20
13	Majorana neutrinos from inverse seesaw in warped extra dimension. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 704, 171-178.	4.1	18
14	New ways to TeV scale leptogenesis. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	18
15	Quark masses, mixings, and C violation from spontaneous breaking of flavor S U 3	4.7	18
16	Flavoured soft leptogenesis. <i>Journal of High Energy Physics</i> , 2008, 2008, 076-076.	4.7	17
17	Hot leptogenesis from thermal Dark Matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 042-042.	5.4	17
18	A cosmological pathway to testable leptogenesis. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 025-025.	5.4	17

#	ARTICLE	IF	CITATIONS
19	Dynamical flavor origin of Z . Physical Review D, 2015, 91, .	4.7	15
20	The EDGES signal: An imprint from the mirror world?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 130-136.	4.1	12
21	Natural seesaw and leptogenesis from hybrid of high-scale type I and TeV-scale inverse. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
22	Dark matter and leptogenesis from gravitational production. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 028.	5.4	12
23	On gaugino contributions to soft leptogenesis. Journal of High Energy Physics, 2009, 2009, 073-073.	4.7	11
24	On fast CP violating interactions in leptogenesis. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 001-001.	5.4	11
25	Baryogenesis from symmetry principle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 247-251.	4.1	11
26	On quantum effects in soft leptogenesis. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 008.	5.4	10
27	Determination of the spin of new resonances in electroweak gauge boson pair production at the LHC. Physical Review D, 2011, 83, .	4.7	10
28	Hybrid seesaw leptogenesis and TeV singlets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 489-497.	4.1	9
29	Spontaneous Breaking of Flavor Symmetry Avoids the StrongCPProblem. Physical Review Letters, 2013, 111, 061601.	7.8	8
30	Sharing but not caring: dark matter and the baryon asymmetry of the universe. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 005-005.	5.4	8
31	Early Universe effective theories: the soft leptogenesis and R-genesis cases. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 032-032.	5.4	7
32	Flavoured soft leptogenesis and natural values of the B term. Journal of High Energy Physics, 2010, 2010, 1.	4.7	6
33	Flavored resonant leptogenesis in GUT with $SU(5)$. Physical Review D, 2015, 91, .	4.7	5
34	Nonthermal CP violation in soft leptogenesis. Physical Review D, 2015, 91, .	4.7	4
35	Baryogenesis in the standard model and its supersymmetric extension. Physical Review D, 2021, 103, .	4.7	3
36	Cosmic evolution of lepton flavor charges. Physical Review D, 2022, 105, .	4.7	2

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37	Sharing but not caring: collider phenomenology. Journal of High Energy Physics, 2018, 2018, 1.	4.7	1
38	Leptogenesis in the $\hat{1}/4\hat{I}$, basis. Journal of High Energy Physics, 2020, 2020, 1.	4.7	1
39	Cloistered Baryogenesis. Nuclear and Particle Physics Proceedings, 2015, 267-269, 61-68.	0.5	0