Christoph Luhn

List of Publications by Year
in descending order

45 papers	2,695 citations	201674 27 h-index	233421 45 g-index
45 all docs	45 docs citations	45 times ranked	1109 citing authors

#	ARTICLE	IF	CITATIONS
1	Spontaneous CP violation in multi-Higgs potentials with triplets of Î"(3n2) and Î"(6n2). Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
2	Minima of multi-Higgs potentials with triplets of Î"(3 n 2) and Î"(6 n 2). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 775, 303-310.	4.1	14
3	Littlest Seesaw model from S 4 Ã— U(1). Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
4	Lepton-flavour violation in a Pati-Salam model with gauged flavour symmetry. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
5	Phenomenological implications of anSU(5)Ã—S4Ã—U(1)SUSY GUT of flavor. Physical Review D, 2016, 93, .	4.7	10
6	CP-odd invariants for multi-Higgs models: Applications with discrete symmetry. Physical Review D, 2016, 94, .	4.7	12
7	Approaching Minimal Flavour Violation from an SU(5) Ã— S 4 Ã— U(1) SUSY GUT. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
8	Combining Pati-Salam and flavour symmetries. Journal of High Energy Physics, 2015, 2015, 1.	4.7	9
9	Testing atmospheric mixing sum rules at precision neutrino facilities. Physical Review D, 2014, 89, .	4.7	39
10	Testing solar lepton mixing sum rules in neutrino oscillation experiments. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
11	Radiative inflation and dark energy RIDEs again after BICEP2. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 040-040.	5.4	5
12	Spontaneous CP violation from vacuum alignment in S 4 models of leptons. Journal of High Energy Physics, 2013, 2013, 1.	4.7	117
13	Neutrino mass and mixing with discrete symmetry. Reports on Progress in Physics, 2013, 76, 056201.	20.1	610
14	Trimaximal TM1 neutrino mixing in with spontaneous CP violation. Nuclear Physics B, 2013, 875, 80-100.	2.5	82
15	A Grand Flavour Model. Nuclear Physics B, 2013, 867, 203-235.	2.5	76
16	Froggatt-Nielsen models with a residual $\mathbb{Z}_{4R}$ symmetry. Physical Review D, 2013, 88, .	4.7	5
17	What is the discrete gauge symmetry of the R-parity violating MSSM?. Physical Review D, 2012, 86, .	4.7	27
18	A4 Ã— SU(5) SUSY GUT of flavour with trimaximal neutrino mixing. Journal of High Energy Physics, 2012, 2012, 1.	4.7	48

#	ARTICLE	IF	CITATIONS
19	A minimal model of neutrino flavor. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
20	Trimaximal mixing with predicted θ_{13} from a new type of constrained sequential dominance. Nuclear Physics B, 2012, 856, 328-341.	2.5	131
21	Renormalisation group improved leptogenesis in family symmetry models. Nuclear Physics B, 2012, 859, 159-176.	2.5	15
22	SUSY $S_4 SU(5)$ revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 207-213.	4.1	36
23	A 4 models of tri-bimaximal-reactor mixing. Journal of High Energy Physics, 2012, 2012, 1.	4.7	65
24	Radiative inflation and dark energy. Physical Review D, 2011, 84, .	4.7	1
25	Right unitarity triangles and tri-bimaximal mixing from discrete symmetries and unification. Nuclear Physics B, 2011, 850, 477-504.	2.5	60
26	Spontaneous breaking of SU(3) to finite family symmetries â€" a pedestrianâ€™s approach. Journal of High Energy Physics, 2011, 2011, 1.	4.7	35
27	Trimaximal neutrino mixing from vacuum alignment in A 4 and S 4 models. Journal of High Energy Physics, 2011, 2011, 1.	4.7	113
28	A SUSY GUT of flavour with S 4 Ã— SU(5) to NLO. Journal of High Energy Physics, 2010, 2010, 1.	4.7	85
29	SUSY $SU(5)$ with singlet plus adjoint matter and A_4.	4.1	29
30	A supersymmetric grand unified theory of flavour with. Nuclear Physics B, 2010, 832, 414-439.	2.5	59
31	Common gauge origin of discrete symmetries in observable sector and hidden sector. Journal of High Energy Physics, 2009, 2009, 081-081.	4.7	13
32	On the origin of neutrino flavour symmetry. Journal of High Energy Physics, 2009, 2009, 093-093.	4.7	67
33	Discrete anomalies of binary groups. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 390-394.	4.1	13
34	A new family symmetry for GUTs. Nuclear Physics B, 2009, 820, 269-289.	2.5	63
35	The flavor group Î”(6n2). Journal of Mathematical Physics, 2009, 50, 013524.	1.1	101
36	Proton hexality from an anomalous flavor $U(1)$ and neutrino masses: Linking to the string scale. Nuclear Physics B, 2008, 795, 172-200.	2.5	29

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37	Dirac neutrinos and anomaly-free discrete gauge symmetries. Physical Review D, 2008, 77, .	4.7	17
38	Anomaly conditions for non-Abelian finite family symmetries. Journal of High Energy Physics, 2008, 2008, 085-085.	4.7	30
39	Discrete gauge symmetries and proton stability in the U(1)′-extended MSSM. Journal of High Energy Physics, 2008, 2008, 065-065.	4.7	10
40	Quintics with finite simple symmetries. Journal of Mathematical Physics, 2008, 49, .	1.1	12
41	Flavor group Δ(3n2). Journal of Mathematical Physics, 2007, 48, .	1.1	108
42	Baryon triality and neutrino masses from an anomalous flavor. Nuclear Physics B, 2007, 774, 127-167.	2.5	52
43	Tri-bimaximal neutrino mixing and the family symmetry <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mi mathvariant="script">Z</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:mo>⋊</mml:mo><mml:msub><mml:mi mathvariant="script">Z</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 27-33.	4.1	155
44	Simple finite non-Abelian flavor groups. Journal of Mathematical Physics, 2007, 48, 123519.	1.1	64
45	What is the discrete gauge symmetry of the minimal supersymmetric standard model. Physical Review D, 2006, 73, .	4.7	155