

Michal Malinskã½

List of Publications by Year in descending order

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papers

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citations

201674

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docs citations

57
times ranked

1064
citing authors

#	ARTICLE	IF	CITATIONS
1	Supersymmetric SO(10) Seesaw Mechanism with Low Λ Scale. Physical Review Letters, 2005, 95, 161801.	7.8	286
2	Fermion masses and mixings in SO(10) models and the neutrino challenge to supersymmetric grand unified theories. Physical Review D, 2006, 73, .	4.7	111
3	The Hunt for New Physics at the Large Hadron Collider. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 185-417.	0.4	104
4	Non-unitary neutrino mixing and CP violation in the minimal inverse seesaw model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 242-248.	4.1	95
5	Fermion masses in supersymmetric SO(10) with type II seesaw mechanism: A nonminimal predictive scenario. Physical Review D, 2004, 70, .	4.7	91
6	Intermediate mass scales in the nonsupersymmetric S/O model. Physical Review D, 2005, 72, .	4.7	89
7	Towards a complete theory of fermion masses and mixings with SO(3) Family Symmetry and 5d SO(10) unification. Journal of High Energy Physics, 2006, 2006, 071-071.	4.7	70
8	CP violation in a minimal renormalizable supersymmetric SO(10) model and beyond. Physical Review D, 2005, 72, .	4.7	58
9	Running soft parameters in SUSY models with multiple gauge factors. Nuclear Physics B, 2012, 854, 28-53.	2.5	57
10	A unified leptoquark model confronted with lepton non-universality in B-meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 159-166.	4.1	57
11	The vacuum of the minimal nonsupersymmetric S/O model. Physical Review D, 2005, 72, .	4.7	55
12	Third family corrections to quark and lepton mixing in SUSY models with non-abelian family symmetry. Journal of High Energy Physics, 2008, 2008, 066-066.	4.7	51
13	Nonunitarity effects in a realistic low-scale seesaw model. Physical Review D, 2009, 79, .	4.7	49
14	Seesaw scale in the minimal renormalizable S/O model. Physical Review D, 2005, 72, .	4.7	44
15	Solving the SUSY flavour and CP problems with SU(3) family symmetry. Journal of High Energy Physics, 2008, 2008, 068-068.	4.7	42
16	Light color octet scalars in the minimal S/O model. Physical Review D, 2005, 72, .	4.7	41
17	Hefty MSSM-like light Higgs in extended gauge models. Journal of High Energy Physics, 2012, 2012, 1.	4.7	37
18	Supernova Model Discrimination with Hyper-Kamiokande. Astrophysical Journal, 2021, 916, 15.	4.5	37

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19	Third family corrections to tri-bimaximal lepton mixing and a new sum rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 263-266.	4.1	35
20	Nonstandard neutrino interactions from a triplet seesaw model. Physical Review D, 2009, 79, .	4.7	32
21	Massive neutrinos and invisible axion minimally connected. Physical Review D, 2015, 91, .	4.7	30
22	Solving the SUSY flavour and CP problems with non-Abelian family symmetry and supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 383-389.	4.1	29
23	Perturbative estimates of lepton mixing angles in unified models. Nuclear Physics B, 2009, 820, 32-46.	2.5	29
24	Renormalization group equations and matching in a general quantum field theory with kinetic mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 882-886.	4.1	29
25	Flavon inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 176-180.	4.1	28
26	LHC-scale left-right symmetry and unification. Physical Review D, 2014, 89, .	4.7	28
27	Soft masses in supersymmetric SO(10) GUTs with low intermediate scales. Physical Review D, 2011, 84, .	4.7	25
28	Quark mixing sum rules and the right unitarity triangle. Physical Review D, 2010, 81, .	4.7	20
29	Collider phenomenology of a unified leptoquark model. Physical Review D, 2020, 101, .	4.7	18
30	Non-standard antineutrino interactions at Daya Bay. Journal of High Energy Physics, 2011, 2011, 1.	4.7	17
31	Renormalization group running of neutrino parameters in the inverse seesaw model. Physical Review D, 2010, 81, .	4.7	16
32	Quark and lepton masses and mixing in $S \times O(10)$ models. Physical Review D, 2010, 81, .	4.7	14
33	Thermal leptogenesis in extended supersymmetric seesaw model. Physical Review D, 2007, 75, .	4.7	12
34	The quantum vacuum of the minimal SO(10) GUT. Journal of Physics: Conference Series, 2010, 259, 012098.	0.4	12
35	Proton lifetime in the minimal SO(10) GUT. Journal of Physics: Conference Series, 2010, 259, 012098.	0.4	12
36	Neutrino-axion-dilaton interconnection. Physical Review D, 2016, 93, .	4.7	9

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37	Towards a new minimal SO(10) unification. , 2012, , .		8
38	Witten's mechanism in the flipped $SU(5)$ unification revisited. Physical Review D, 2018, 98, .	4.7	8
39	Triple gauge vertices at one-loop level in two-Higgs-doublet model. European Physical Journal C, 2004, 34, 477-486.	3.9	7
40	One-loop pseudo-Goldstone masses in the minimal $SU(5)$ unification. Physical Review D, 2019, 99, .	4.7	7
41	Minimal flipped $SU(5)$ supersymmetric Higgs model. Physical Review D, 2011, 83, .	4.7	6
42	Fun with the Abelian Higgs model. European Physical Journal C, 2013, 73, 1.	3.9	6
43	Flavor structure of supersymmetric SO(10) GUTs with extended matter sector. Physical Review D, 2011, 83, .	4.7	5
44	Flavor structure of GUTs and uncertainties in proton lifetime estimates. Physical Review D, 2019, 99, .	4.7	5
45	Quantum nature of the minimal potentially realistic SO(10) Higgs model. Physical Review D, 2022, 105, .	4.7	4
46	Possible non-decoupling effects of heavy Higgs bosons in $e^+e^- \rightarrow W^+W^-$ within THDM. European Physical Journal C, 2005, 40, 137-144.	3.9	3
47	Running soft parameters in SUSY models with multiple U(1) gauge factors. Journal of Physics: Conference Series, 2013, 447, 012034.	0.4	2
48	Witten's loop in the minimal flipped SU(5) unification revisited. Physical Review D, 2018, 98, .	4.7	2
49	Structure and prospects of the simplest SO(10) GUTs. , 2013, , .		1
50	Hierarchy and decoupling. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 015004.	3.6	1
51	MSSM Higgs sector at the one-loop level. European Physical Journal D, 2000, 50, 989-1004.	0.4	0
52	Witten's loop in the flipped SU(5) unification. , 2014, , .		0
53	Supersymmetry beyond the NMSSM. Advances in High Energy Physics, 2015, 2015, 1-2.	1.1	0
54	Theoretical uncertainties in proton lifetime estimates. AIP Conference Proceedings, 2016, , .	0.4	0

#	ARTICLE	IF	CITATIONS
55	Effects of ultra-light dark matter on the gravitational quantum well. International Journal of Modern Physics D, 2018, 27, 1850098.	2.1	0
56	Flavorgenesis in an SU(19) model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136212.	4.1	0