

# Michal Malinskã½

## List of Publications by Year in descending order

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56  
papers

2,007  
citations

201674

27  
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g-index

57  
all docs

57  
docs citations

57  
times ranked

1064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum nature of the minimal potentially realistic SO(10) Higgs model. Physical Review D, 2022, 105, .	4.7	4
2	Flavorgenesis in an SU(19) model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136212.	4.1	0
3	Supernova Model Discrimination with Hyper-Kamiokande. Astrophysical Journal, 2021, 916, 15.	4.5	37
4	Hierarchy and decoupling. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 015004.	3.6	1
5	Collider phenomenology of a unified leptoquark model. Physical Review D, 2020, 101, .	4.7	18
6	Flavor structure of GUTs and uncertainties in proton lifetime estimates. Physical Review D, 2019, 99, .	4.7	5
7	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
8	Witten's loop in the minimal flipped SU(5) unification revisited. Physical Review D, 2018, 98, .	4.7	2
9	Effects of ultra-light dark matter on the gravitational quantum well. International Journal of Modern Physics D, 2018, 27, 1850098.	2.1	0
10	One-loop pseudo-Goldstone masses in the minimal $S \times O$ model. Physical Review D, 2017, 95, 015009.	4.7	7
11	Neutrino-axion-dilaton interconnection. Physical Review D, 2016, 93, .	4.7	9
12	Theoretical uncertainties in proton lifetime estimates. AIP Conference Proceedings, 2016, , .	0.4	0
13	Supersymmetry beyond the NMSSM. Advances in High Energy Physics, 2015, 2015, 1-2.	1.1	0
14	Massive neutrinos and invisible axion minimally connected. Physical Review D, 2015, 91, .	4.7	30
15	Proton lifetime in the minimal $S \times O$ model. Physical Review D, 2015, 91, 015009.	4.7	7
16	Witten's loop in the flipped SU(5) unification. , 2014, , .		0
17	LHC-scale left-right symmetry and unification. Physical Review D, 2014, 89, .	4.7	28
18	Witten's mechanism in the flipped $S \times U$ model. Physical Review D, 2014, 89, 015009.	4.7	8

#	ARTICLE	IF	CITATIONS
19	Fun with the Abelian Higgs model. European Physical Journal C, 2013, 73, 1.	3.9	6
20	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
21	Structure and prospects of the simplest SO(10) GUTs. , 2013, , .		1
22	Light color octet scalars in the minimal $S < O < m o < m n > 10 < m n > < m o > T j E T Q q 0 0 0 r g B T / O v e r l o c k 10 T f 50 607 T d ( s t r e t c h y = " f a l s e " ) < / m m l >$	4.7	41
23	Running soft parameters in SUSY models with multiple U(1) gauge factors. Journal of Physics: Conference Series, 2013, 447, 012034.	0.4	2
24	Seesaw scale in the minimal renormalizable $S < / m m l : m i > < m m l : m i > O < / m m l : m i > < m m l : m o > < m m l : m n > 10 < / m m l : m n > < m m l : m o > T j E T Q q 0 0 0 r g B T / O v e r l o c k 10 T f 50 527 T d ( s t r e t c h y = " f a l s e " ) < / m m l >$	4.7	44
25	Towards a new minimal SO(10) unification. , 2012, , .		8
26	Running soft parameters in SUSY models with multiple gauge factors. Nuclear Physics B, 2012, 854, 28-53.	2.5	57
27	Hefty MSSM-like light Higgs in extended gauge models. Journal of High Energy Physics, 2012, 2012, 1.	4.7	37
28	Minimal flipped SO(10)–U(1) supersymmetric Higgs model. Physical Review D, 2011, 83, .	4.7	6
29	Non-standard antineutrino interactions at Daya Bay. Journal of High Energy Physics, 2011, 2011, 1.	4.7	17
30	Flavor structure of supersymmetric SO(10) GUTs with extended matter sector. Physical Review D, 2011, 83, .	4.7	5
31	Soft masses in supersymmetric SO(10) GUTs with low intermediate scales. Physical Review D, 2011, 84, .	4.7	25
32	The quantum vacuum of the minimal SO(10) GUT. Journal of Physics: Conference Series, 2010, 259, 012098.	0.4	12
33	The Hunt for New Physics at the Large Hadron Collider. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 185-417.	0.4	104
34	Renormalization group running of neutrino parameters in the inverse seesaw model. Physical Review D, 2010, 81, .	4.7	16
35	The vacuum of the minimal nonsupersymmetric $S < / m m l : m i > < m m l : m i > O < / m m l : m i > < m m l : m o > < m m l : m n > 10 < / m m l : m n > < m m l : m o > T j E T Q q 1 1 0.784314 r g B T / O v e r l o c k 10 T f 50 87 T d ( s t r e t c h y = " f a l s e " ) < / m m l >$	4.7	55
36	Quark mixing sum rules and the right unitarity triangle. Physical Review D, 2010, 81, .	4.7	20

#	ARTICLE	IF	CITATIONS
37	Intermediate mass scales in the nonsupersymmetric $S$ $O$ $U(1)$ model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 383-389.	4.7	89
38	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
39	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
40	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
41	Nonstandard neutrino interactions from a triplet seesaw model. Physical Review D, 2009, 79, .	4.7	32
42	Nonunitarity effects in a realistic low-scale seesaw model. Physical Review D, 2009, 79, .	4.7	49
43	Perturbative estimates of lepton mixing angles in unified models. Nuclear Physics B, 2009, 820, 32-46.	2.5	29
44	Flavon inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 176-180.	4.1	28
45	Quark and lepton masses and mixing in $S$ $O$ $U(1)$ model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 176-180.	4.7	14
46	Solving the SUSY flavour and CP problems with $SU(3)$ family symmetry. Journal of High Energy Physics, 2008, 2008, 068-068.	4.7	42
47	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
48	Thermal leptogenesis in extended supersymmetric seesaw model. Physical Review D, 2007, 75, .	4.7	12
49	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
50	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
51	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
52	CP violation in a minimal renormalizable supersymmetric $SO(10)$ model and beyond. Physical Review D, 2005, 72, .	4.7	58
53	Supersymmetric $SO(10)$ Seesaw Mechanism with Low $M_{\text{GUT}}$ Scale. Physical Review Letters, 2005, 95, 161801.	7.8	286
54	Fermion masses in supersymmetric $SO(10)$ with type II seesaw mechanism: A nonminimal predictive scenario. Physical Review D, 2004, 70, .	4.7	91

#	ARTICLE	IF	CITATIONS
55	Triple gauge vertices at one-loop level in two-Higgs-doublet model. European Physical Journal C, 2004, 34, 477-486.	3.9	7
56	MSSM Higgs sector at the one-loop level. European Physical Journal D, 2000, 50, 989-1004.	0.4	0