Michael Schmidt

List of Publications by Year
in descending order

54 papers	2,018 citations	236925 25 h-index	233421 45 g-index
59 all docs	59 docs citations	59 times ranked	1030 citing authors

#	Article	IF	Citations
1	The singly-charged scalar singlet as the origin of neutrino masses. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
2	Implication of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo stretchy="false">|</mml:mo><mml:mi>Ïˆ</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mo stretchy="false">(</mml:mo><mml:mi>Î³</mml:mi><mml:mo>+</mml:mo><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td (stre theories of neutrino and dark matter. Physical Review D, 2021, 104, .	4.7	3
3	Charged lepton flavor violation in light of the muon magnetic moment anomaly and colliders. European Physical Journal C, 2021, 81, 1.	3.9	15
4	A tale of invisibility: constraints on new physics in b â†’ sÎ½Î½. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
5	General neutrino interactions with sterile neutrinos in light of coherent neutrino-nucleus scattering and meson invisible decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	28
6	Constraints on the charged currents in general neutrino interactions with sterile neutrinos. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
7	Unified SU(4) theory for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>R</mml:mi><mml:msup><mml:mi>D</mml:mi><mml:mrow><mml:mo mathvariant="bold" stretchy="false">(</mml:mo><mml:mo>*</mml:mo><mml:mo mathvariant="bold") Tj ETQq1 1 0.784314 rgBT /Ove	4.7	28
8	Implication of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>K</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi>Ï€</mml:mi><mml:mi>Î½</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>Î½</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:mrow></mml:math> for generic neutrino interactions in effective field theories. Physical Review D, 2020, 101, .	4.7	16
9	Thermal dark matter abundance under non-standard macroscopic conditions in the early universe. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 059-059.	5.4	2
10	Sensitivity of future lepton colliders to the search for charged lepton flavor violation. Physical Review D, 2019, 99, .	4.7	12
11	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>R</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m as a single leptoquark solution to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>R</mml:mi></mml:mrow><mml:mrow><mml:msup><mml:mrow>		

#	Article	IF	Citations
19	Enlarging regions of the MSSM parameter space for large tan Î² via SUSY decays of the heavy Higgs bosons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	4
20	Reconsidering the one leptoquark solution: flavor anomalies and neutrino mass. Journal of High Energy Physics, 2017, 2017, 1.	4.7	123
21	From the Trees to the Forest: A Review of Radiative Neutrino Mass Models. Frontiers in Physics, 2017, 5, .	2.1	211
22	Unification of gauge couplings in radiative neutrino mass models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	18
23	Unitarisation of EFT amplitudes for dark matter searches at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
24	Revisiting the RÎ½MDM models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
25	A case study of the sensitivity to LFV operators with precision measurements and the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	10
26	SUSY implications from WIMP annihilation into scalars at the Galactic Center. Physical Review D, 2015, 91, .	4.7	27
27	Sterile neutrino dark matter production in the neutrino-phillic two Higgs doublet model. Journal of High Energy Physics, 2015, 2015, 1-21.	4.7	14
28	Precision measurements of Î¸12 for testing models of discrete leptonic flavour symmetries. Journal of Physics: Conference Series, 2015, 598, 012014.	0.4	6
29	Through Neutrino Eyes: The Search for New Physics. Advances in High Energy Physics, 2015, 2015, 1-2.	1.1	0
30	A fresh look at keV sterile neutrino dark matter from frozen-in scalars. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
31	Testing radiative neutrino mass models at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	31
32	Testing atmospheric mixing sum rules at precision neutrino facilities. Physical Review D, 2014, 89, .	4.7	39
33	Testing solar lepton mixing sum rules in neutrino oscillation experiments. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
34	The price of being SM-like in SUSY. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
35	CP and discrete flavour symmetries. Journal of High Energy Physics, 2013, 2013, 1.	4.7	167
36	Recipes and ingredients for neutrino mass at loop level. Journal of High Energy Physics, 2013, 2013, 1.	4.7	38

#	Article	IF	Citations
37	The scale-invariant NMSSM and the 126 GeV Higgs boson. Journal of High Energy Physics, 2013, 2013, 1.	4.7	102
38	Testable two-loop radiative neutrino mass model based on an LLQd c Qd c effective operator. Journal of High Energy Physics, 2013, 2013, 1.	4.7	34
39	Lepton flavor at the electroweak scale: A complete<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>A</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>model. Physical Review D, 2013, 87, .	4.7	23
40	Solving the strong CP problem with discrete symmetries and the right unitarity triangle. Nuclear Physics B, 2013, 877, 752-771.	2.5	24
41	Neutrino masses and a fourth generation of fermions. Nuclear Physics B, 2012, 857, 1-27.	2.5	7
42	Natural vacuum alignment from group theory: the minimal case. Journal of High Energy Physics, 2012, 2012, 1.	4.7	23
43	Lower bounds on the smallest lepton mixing angle. Physical Review D, 2011, 83, .	4.7	5
44	Flavored orbifold GUT â€" an SO(10) Ã— S 4 model. Journal of High Energy Physics, 2011, 2011, 1.	4.7	24
45	AMEND: A Model Explaining Neutrino masses and Dark matter testable at the LHC and MEG. Journal of High Energy Physics, 2010, 2010, 1.	4.7	35
46	Radiative symmetry breaking of the minimal left-right symmetric model. Physical Review D, 2010, 82, .	4.7	62
47	Lepton mixing and cancellation of the Dirac mass hierarchy in SO(10) GUTs with flavor symmetries<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î£</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>81</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 322 Td (stretchy="false"	4.7	64
48	Renormalization group evolution in the type I and type II seesaw model. Physical Review D, 2007, 76, .	4.7	37
49	Flavor symmetry L Î¼-L Ï„ and quasidegenerate neutrinos. Physics of Atomic Nuclei, 2006, 69, 1833-1841.	0.4	17
50	Running neutrino mass parameters in see-saw models. Physica Scripta, 2006, T127, 67-69.	2.5	0
51	Quark lepton complementarity and renormalization group effects. Physical Review D, 2006, 74, .	4.7	52
52	Screening of Dirac flavor structure in the seesaw and neutrino mixing. Journal of High Energy Physics, 2005, 2005, 048-048.	4.7	45
53	Renormalization group evolution of Dirac neutrino masses. Journal of High Energy Physics, 2005, 2005, 081-081.	4.7	27
54	Running Neutrino Mass Parameters in See-Saw Scenarios. Journal of High Energy Physics, 2005, 2005, 024-024.	4.7	302