

Michael Schmidt

List of Publications by Year in descending order

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54
papers

2,018
citations

236925
25
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45
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59
all docs

59
docs citations

59
times ranked

1030
citing authors

#	ARTICLE	IF	CITATIONS
1	Running Neutrino Mass Parameters in See-Saw Scenarios. <i>Journal of High Energy Physics</i> , 2005, 2005, 024-024.	4.7	302
2	From the Trees to the Forest: A Review of Radiative Neutrino Mass Models. <i>Frontiers in Physics</i> , 2017, 5,	2.1	211
3	CP and discrete flavour symmetries. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	167
4	Reconsidering the one leptoquark solution: flavor anomalies and neutrino mass. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	123
5	The scale-invariant NMSSM and the 126 GeV Higgs boson. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	102
6	Lepton mixing and cancellation of the Dirac mass hierarchy in SO(10) GUTs with flavor symmetries $\text{display="inline"}> \langle \text{mml:math} \text{xml�ns:mml="http://www.w3.org/1998/Math/MathML"}$ $\text{display="inline"}> \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle T \langle / \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 7 \langle / \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \text{xml�ns:mml="http://www.w3.org/1998/Math/MathML"}$ $\text{display="inline"}> \langle \text{mml:mi} \rangle \tilde{\xi} \langle / \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle / \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 81 \langle / \text{mml:mn} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle T j \text{ ETQq0 0 0 rgBT } / \text{Overlock 10 Tf 50 522 Td (stretchy="false")} \langle / \text{mml:math} \rangle$	4.7	64
7	Radiative symmetry breaking of the minimal left-right symmetric model. <i>Physical Review D</i> , 2010, 82, .	4.7	62
8	Quark lepton complementarity and renormalization group effects. <i>Physical Review D</i> , 2006, 74, .	4.7	52
9	$\langle \text{mml:math} \text{xml�ns:mml="http://www.w3.org/1998/Math/MathML"}$ $\text{display="inline"}> \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle R \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle / \text{mml:mn} \rangle \langle / \text{mml:math} \rangle$ $\text{as a single leptoquark solution to } \langle \text{mml:math} \text{xml�ns:mml="http://www.w3.org/1998/Math/MathML"}$ $\text{display="inline"}> \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle R \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \tilde{\xi} \langle / \text{mml:mi} \rangle \langle / \text{mml:msup} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$	4.7	52

#	ARTICLE	IF	CITATIONS
19	Phenomenology of the generalised scotogenic model with fermionic dark matter. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	29
20	Dark matter direct detection of a fermionic singlet at one loop. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	28
21	General neutrino interactions with sterile neutrinos in light of coherent neutrino-nucleus scattering and meson invisible decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	28
22	Unified SU(4) theory for the $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msub}\rangle \langle \text{mml:mi}\rangle R \langle /mml:mi\rangle \langle \text{mml:msup}\rangle \langle \text{mml:mi}\rangle D \langle /mml:mi\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mo} \text{ mathvariant="bold" stretchy="false">\rangle (\langle \text{mml:mo}\rangle \langle \text{mml:mo}\rangle ^*\langle /mml:mo\rangle \langle \text{mml:mo} \text{ mathvariant="bold" stretchy="false">\rangle) T_j ETQq0 0.0rgBT /Overlock 10$	4.7	28
23	Renormalization group evolution of Dirac neutrino masses. <i>Journal of High Energy Physics</i> , 2005, 2005, 081-081.	4.7	27
24	SUSY implications from WIMP annihilation into scalars at the Galactic Center. <i>Physical Review D</i> , 2015, 91, .	4.7	27
25	Chiral SU(4) explanation of the $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}\rangle b \langle /mml:mi\rangle \langle \text{mml:mo} \text{ stretchy="false">\rangle \hat{\alpha}^3 \langle /mml:mo\rangle \langle \text{mml:mi}\rangle s \langle /mml:mi\rangle \langle /mml:math\rangle$ anomalies. <i>Physical Review D</i> , 2019, 99, .	4.7	27
26	Flavored orbifold GUT " an SO(10) – S 4 model. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	24
27	Solving the strong CP problem with discrete symmetries and the right unitarity triangle. <i>Nuclear Physics B</i> , 2013, 877, 752-771.	2.5	24
28	Natural vacuum alignment from group theory: the minimal case. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	23
29	Lepton flavor at the electroweak scale: A complete $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msub}\rangle \langle \text{mml:mi}\rangle A \langle /mml:mi\rangle \langle \text{mml:mn}\rangle 4 \langle /mml:mn\rangle \langle /mml:msub\rangle \langle /mml:math\rangle$ model. <i>Physical Review D</i> , 2013, 87, .	4.7	23
30	The price of being SM-like in SUSY. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	22
31	Constraints on the charged currents in general neutrino interactions with sterile neutrinos. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	19
32	Unification of gauge couplings in radiative neutrino mass models. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	18
33	Flavor symmetry $L^{\frac{1}{4}}-L_{\bar{}}^{\frac{1}{4}}$, and quasidegenerate neutrinos. <i>Physics of Atomic Nuclei</i> , 2006, 69, 1833-1841.	0.4	17
34	Implication of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle \text{mml:mrow}\rangle \langle \text{mml:mi}\rangle K \langle /mml:mi\rangle \langle \text{mml:mo} \text{ stretchy="false">\rangle \hat{\alpha}^3 \langle /mml:mo\rangle \langle \text{mml:mi}\rangle \epsilon \langle /mml:mi\rangle \langle \text{mml:mi}\rangle ^{\frac{1}{2}} \langle /mml:mi\rangle \langle \text{mml:mover} \text{ accent="true">\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mi}\rangle ^{\frac{1}{2}} \langle /mml:mi\rangle \langle /mml:mrow\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:mo} \text{ stretchy="false">\rangle \hat{A} \langle /mml:mo\rangle \langle /mml:mrow\rangle \langle /mml:mover\rangle \langle /mml:mrow\rangle \langle /mml:math\rangle$ for generic neutrino interactions in effective field theories. <i>Physical Review D</i> , 2020, 101, .	4.7	16
35	Charged lepton flavor violation in light of the muon magnetic moment anomaly and colliders. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	15
36	Sterile neutrino dark matter production in the neutrino-phillic two Higgs doublet model. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-21.	4.7	14

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37	Unitarisation of EFT amplitudes for dark matter searches at the LHC. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	13
38	Revisiting the $R^{1/2}MDM$ models. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	13
39	Sensitivity of future lepton colliders to the search for charged lepton flavor violation. <i>Physical Review D</i> , 2019, 99, .	4.7	12
40	A tale of invisibility: constraints on new physics in $b \rightarrow s^{1/2} \bar{l} l$. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	11
41	A case study of the sensitivity to LFV operators with precision measurements and the LHC. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	10
42	Neutrino mass models: new classification and model-independent upper limits on their scale. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	9
43	The singly-charged scalar singlet as the origin of neutrino masses. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	9
44	Sensitivity of future lepton colliders and low-energy experiments to charged lepton flavor violation from bileptons. <i>Physical Review D</i> , 2019, 100, .	4.7	8
45	Neutrino masses and a fourth generation of fermions. <i>Nuclear Physics B</i> , 2012, 857, 1-27.	2.5	7
46	Precision measurements of $\tilde{\chi}_1^0$ for testing models of discrete leptonic flavour symmetries. <i>Journal of Physics: Conference Series</i> , 2015, 598, 012014.	0.4	6
47	Lepton-flavour-violating gluonic operators: constraints from the LHC and low energy experiments. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	6
48	Lower bounds on the smallest lepton mixing angle. <i>Physical Review D</i> , 2011, 83, .	4.7	5
49	Enlarging regions of the MSSM parameter space for large $\tan\beta$ via SUSY decays of the heavy Higgs bosons. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	4
50	Mechanism for dark matter depopulation. <i>Physical Review D</i> , 2018, 98, .	4.7	4
51	Implication of $\text{Im}(\text{Im}(m)) = \frac{1}{2}\text{Im}(\text{Im}(m))$ for the thermal evolution of the dark matter density. <i>Physical Review D</i> , 2018, 98, .	4.7	177
52	Theories of neutrino and dark matter. <i>Physical Review D</i> , 2021, 104, .	5.4	2
53	Thermal dark matter abundance under non-standard macroscopic conditions in the early universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 059-059.	2.5	0
54	Running neutrino mass parameters in see-saw models. <i>Physica Scripta</i> , 2006, T127, 67-69.	2.5	0
55	Through Neutrino Eyes: The Search for New Physics. <i>Advances in High Energy Physics</i> , 2015, 2015, 1-2.	1.1	0