

Heavy neutral leptons at FASER

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dipole portal to heavy neutral leptons. <i>Physical Review D</i> , 2018, 98, .	1.6	91
2	Producing a new fermion in coherent elastic neutrino-nucleus scattering: from neutrino mass to dark matter. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	47
3	NA62 sensitivity to heavy neutral leptons in the low scale seesaw model. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	66
4	Axionlike particles at FASER: The LHC as a photon beam dump. <i>Physical Review D</i> , 2018, 98, .	1.6	86
5	Heavy neutral fermions at the high-luminosity LHC. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	77
6	Displaced vertices as probes of sterile neutrino mixing at the LHC. <i>Physical Review D</i> , 2018, 98, .	1.6	52
7	Sterile neutrino Dark Matter. <i>Progress in Particle and Nuclear Physics</i> , 2019, 104, 1-45.	5.6	261
8	Long-lived fermions at AL3X. <i>Physical Review D</i> , 2019, 99, .	1.6	45
9	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle R \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -parity violation and light neutralinos at CODEX-b, FASER, and MATHUSLA. <i>Physical Review D</i> , 2019, 99, .	1.6	41
10	Parameter space of baryogenesis in the $\hat{1}/2$ MSM. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	30
11	FASER's physics reach for long-lived particles. <i>Physical Review D</i> , 2019, 99, .	1.6	205
12	Long-lived particles at the energy frontier: the MATHUSLA physics case. <i>Reports on Progress in Physics</i> , 2019, 82, 116201.	8.1	220
13	Inelastic dark matter at the LHC lifetime frontier: ATLAS, CMS, LHCb, CODEX-b, FASER, and MATHUSLA. <i>Physical Review D</i> , 2019, 99, .	1.6	83
14	Leveraging the ALICE/L3 cavern for long-lived particle searches. <i>Physical Review D</i> , 2019, 99, .	1.6	48
15	Long-lived TeV-scale right-handed neutrino production at the LHC in gauged U(1) model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 799, 135052.	1.5	51
16	Sensitivity of lepton number violating meson decays in different experiments. <i>Physical Review D</i> , 2019, 100, .	1.6	41
17	Spontaneous twin symmetry breaking. <i>Physical Review D</i> , 2019, 100, .	1.6	7
18	Physics beyond colliders at CERN: beyond the Standard Model working group report. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 010501.	1.4	254

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19	Searching for a sterile neutrino that mixes predominantly with ν_{τ} at B factories. Physical Review D, 2020, 101, .	1.6	27
20	A Frequentist analysis of three right-handed neutrinos with GAMBIT. European Physical Journal C, 2020, 80, 1.	1.4	47
21	Neutrinoless double beta decay versus other probes of heavy sterile neutrinos. Journal of High Energy Physics, 2020, 2020, 1.	1.6	109
22	Heavy neutral leptons at ANUBIS. Physical Review D, 2020, 101, .	1.6	32
23	Extending the reach of FASER, MATHUSLA, and SHiP towards smaller lifetimes using secondary particle production. Physical Review D, 2020, 101, .	1.6	35
24	Unravelling the richness of dark sector by FASER $\hat{1}/2$. Journal of High Energy Physics, 2020, 2020, 1.	1.6	10
25	Probing light gauge bosons in tau neutrino experiments. Physical Review D, 2020, 102, .	1.6	31
26	Looking forward to test the KOTO anomaly with FASER. Physical Review D, 2020, 102, .	1.6	21
27	Sensitivity reach on heavy neutral leptons and ν_{τ} -neutrino mixing $ U_{\tau N} ^2$ at the HL-LHC. Physical Review D, 2020, 102, .	1.6	10
28	Heavy neutrinos in displaced vertex searches at the LHC and HL-LHC. Journal of High Energy Physics, 2020, 2020, 1.	1.6	47
29	Searching for New Long-Lived Particles in Heavy-Ion Collisions at the LHC. Physical Review Letters, 2020, 124, 081801.	2.9	7
30	Heavy Neutral Leptons from low-scale seesaws at the DUNE Near Detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	59
31	Detecting and studying high-energy collider neutrinos with FASER at the LHC. European Physical Journal C, 2020, 80, 1.	1.4	79
32	Boosted neutrinos and relativistic dark particles as messengers from reheating. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 044-044.	1.9	19
33	Neutral current neutrino interactions at FASER $\hat{1}/2$. Physical Review D, 2021, 103, .	1.6	28
34	Dark photon from light scalar boson decays at FASER. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
35	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	1.4	69
36	Detecting dark matter with far-forward emulsion and liquid argon detectors at the LHC. Physical Review D, 2021, 103, .	1.6	34

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62	Long-lived sterile neutrinos at Belle II in effective field theory. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12
63	Freeze-in and freeze-out generation of lepton asymmetries after baryogenesis in the $\hat{1}\frac{1}{2}$ MSM. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 049.	1.9	3
64	The Forward Physics Facility: Sites, experiments, and physics potential. Physics Reports, 2022, 968, 1-50.	10.3	57
65	Hidden-sector neutrinos and freeze-in leptogenesis. Physical Review D, 2022, 105, .	1.6	2
66	ALP searches at the LHC: FASER as a light-shining-through-walls experiment. Physical Review D, 2022, 106, .	1.6	7
67	Neutrino detection without neutrino detectors: Discovering collider neutrinos at FASER with electronic signals only. Physical Review D, 2022, 106, .	1.6	6
68	Sensitivities on dark photon from the forward physics experiments. Journal of High Energy Physics, 2022, 2022, .	1.6	2
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70	Blast from the past II: Constraints on heavy neutral leptons from the BEBC WA66 beam dump experiment. SciPost Physics, 2022, 13, .	1.5	13
71	Long-lived heavy neutral leptons from mesons in effective field theory. Journal of High Energy Physics, 2023, 2023, .	1.6	8
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80	Heavy neutral leptons at beam dump experiments of future lepton colliders. Journal of High Energy Physics, 2023, 2023, .	1.6	3
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