Measurement of Atmospheric Neutrino Oscillations at e

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Citation Report

#	Article	IF	Citations
1	Neutrino masses and their ordering: global data, priors and models. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 011-011.	1.9	74
2	Hybrid seesaw neutrino model in SUSY SU(5)Ã—A4. Physical Review D, 2018, 98, .	1.6	2
3	Current unknowns in the three-neutrino framework. Progress in Particle and Nuclear Physics, 2018, 102, 48-72.	5.6	184
4	Status of neutrino oscillations 2018: 3Ïƒ hint for normal mass ordering and improved CP sensitivity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 633-640.	1.5	454
5	Neutrino Oscillations and Non-standard Interactions. Frontiers in Physics, 2018, 6, .	1.0	210
6	Neutrino interferometry for high-precision tests of Lorentz symmetry with IceCube. Nature Physics, 2018, 14, 961-966.	6.5	66
7	New constraints on oscillation parameters from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>e</mml:mi></mml:msub></mml:math>appearance and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi></mml:msub></mml:math>disappearance in the NOvA experiment. Physical Review D, 2018, 98, .	1.6	108
8	Simulation of muon-induced neutral particle background for a shallow depth Iron Calorimeter detector. Journal of Instrumentation, 2019, 14, P02032-P02032.	0.5	4
9	Studies of an air-shower imaging system for the detection of ultrahigh-energy neutrinos. Physical Review D, 2019, 99, .	1.6	25
10	Search for neutral-current induced single photon production at the ND280 near detector in T2K. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 08LT01.	1.4	10
11	First measurement of neutrino oscillation parameters using neutrinos and antineutrinos by NOvA. Physical Review Letters, 2019, 123, 151803.	2.9	213
12	Sub-GeV Atmospheric Neutrinos and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math> Violation in DUNE. Physical Review Letters, 2019, 123, 081801.	2.9	30
13	Measurement of the neutrino oscillation parameters by NOvA. Journal of Physics: Conference Series, 2019, 1219, 012021.	0.3	2
14	IceCube Sterile Neutrino Searches. EPJ Web of Conferences, 2019, 207, 04005.	0.1	6
15	Estimation of radio emission from neutrino induced showers in rock salt above 1018 eV. Astroparticle Physics, 2019, 113, 22-36.	1.9	1
16	Decoherence in neutrino oscillations, neutrino nature and CPT violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 298-303.	1.5	40
17	Measurement of atmospheric tau neutrino appearance with IceCube DeepCore. Physical Review D, 2019, 99, .	1.6	53
18	Proton internal pressure distribution suggests a simple proton structure. Journal of the Mechanical Behavior of Materials, 2019, 28, 1-7.	0.7	2

#	Article	IF	Citations
19	Sensitivity of lepton number violating meson decays in different experiments. Physical Review D, 2019, 100, .	1.6	41
20	Hadronic interaction model sibyll<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2.3</mml:mn><mml:mi mathvariant="normal">c</mml:mi></mml:mrow></mml:math>and inclusive lepton fluxes. Physical Review D, 2019, 100, .	1.6	70
21	Status of light sterile neutrino searches. Progress in Particle and Nuclear Physics, 2020, 111, 103736.	5.6	123
22	Computation of the masses, energies and internal pressures of hadrons, mesons and bosons via the Rotating Lepton Model. Physica A: Statistical Mechanics and Its Applications, 2020, 545, 123679.	1.2	5
23	Discerning the Nature of Neutrinos: Decoherence and Geometric Phases. Universe, 2020, 6, 207.	0.9	11
24	Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>MINOS</mml:mi><mml:mo>+</mml:mo></mml:mrow></mml:math> , Daya Bay, and Bugey-3 Experiments. Physical Review Letters, 2020, 125, 071801.	2.9	40
25	Combining sterile neutrino fits to short-baseline data with IceCube data. Physical Review D, 2020, 101, .	1.6	22
26	Precision Constraints for Three-Flavor Neutrino Oscillations from the Full MINOS+ and MINOS Dataset. Physical Review Letters, 2020, 125, 131802.	2.9	28
27	Signatures of secondary leptons in radio-neutrino detectors in ice. Physical Review D, 2020, 102, .	1.6	14
28	First simulation study of trackless events in the INO-ICAL detector to probe the sensitivity to atmospheric neutrino oscillation parameters. Physical Review D, 2020, 102, .	1.6	2
29	Prospects of measuring oscillated decay-at-rest neutrinos at long baselines. Physical Review D, 2020, 101, .	1.6	4
30	Target neutrino mass precision for determining the neutrino hierarchy. Physical Review D, 2020, 101, .	1.6	12
31	Double beta decay experiments at Canfranc Underground Laboratory. Progress in Particle and Nuclear Physics, 2020, 114, 103807.	5.6	5
32	Observation of Atmospheric Neutrinos. Universe, 2020, 6, 80.	0.9	2
33	Neutral-current background induced by atmospheric neutrinos at large liquid-scintillator detectors. II. Methodology for inÂsitu measurements. Physical Review D, 2021, 103, .	1.6	8
34	Î¼â€¯â”â€Ï„ reflection symmetry in the standard parametrization and contributions from charged lepton sector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136119.	1.5	3
35	Detection techniques and investigation of different neutrino experiments. International Journal of Modern Physics A, 2021, 36, 2130008.	0.5	6
36	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment. European Physical Journal C, 2021, 81, 322.	1.4	69

#	Article	IF	Citations
37	Matter versus vacuum oscillations at long-baseline accelerator neutrino experiments. Modern Physics Letters A, 2021, 36, 2150098.	0.5	4
38	First T2K measurement of transverse kinematic imbalance in the muon-neutrino charged-current single- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math> production channel containing at least one proton. Physical Review D, 2021, 103, .	1.6	7
39	Improved constraints on neutrino mixing from the T2K experiment with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>3.13</mml:mn><mml:mo>Ã—</mml:mo><mml:msup><mml:mrow><mml:mn>10</mml:mn></ on target. Physical Review D, 2021, 103, .	1.6	64
40	IceCube high-energy starting event sample: Description and flux characterization with 7.5Âyears of data. Physical Review D, 2021, 104, .	1.6	142
41	Measurement of the high-energy all-flavor neutrino-nucleon cross section with IceCube. Physical Review D, 2021, 104, .	1.6	15
42	Leptonic unitarity triangles. Physical Review D, 2020, 102, .	1.6	15
43	eV-Scale Sterile Neutrino Search Using Eight Years of Atmospheric Muon Neutrino Data from the IceCube Neutrino Observatory. Physical Review Letters, 2020, 125, 141801.	2.9	57
44	Development of an analysis to probe the neutrino mass ordering with atmospheric neutrinos using three years of IceCube DeepCore data. European Physical Journal C, 2020, 80, 1.	1.4	12
45	JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.	1.4	11
46	All-flavor constraints on nonstandard neutrino interactions and generalized matter potential with three years of IceCube DeepCore data. Physical Review D, 2021, 104, .	1.6	13
47	Testing the inverted neutrino mass ordering with neutrinoless double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decay. Physical Review C, 2021, 104, .	1.1	15
48	Tau neutrinos in IceCube, KM3NeT and the Pierre Auger Observatory. , 2019, , .		1
49	Status of standard oscillation physics with IceCube DeepCore. Journal of Physics: Conference Series, 2020, 1468, 012122.	0.3	0
50	High-energy particle physics with IceCube. Journal of Physics: Conference Series, 2020, 1468, 012140.	0.3	0
51	Closing the neutrino BSM gap: Physics potential of atmospheric through-going muons at DUNE. Physical Review D, 2021, 104, .	1.6	4
52	Search for dark matter from the centre of the Earth with 8 years of IceCube data. Journal of Instrumentation, 2021, 16, C11012.	0.5	0
54	Determining the neutrino mass ordering and oscillation parameters with KM3NeT/ORCA. European Physical Journal C, 2022, 82, 1.	1.4	27
55	Status and perspectives of neutrino physics. Progress in Particle and Nuclear Physics, 2022, 124, 103947.	5.6	31

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56	Neutrino oscillations through the Earthâ€™s core. Physical Review D, 2021, 104, .	1.6	10
57	Neutrino Transport with the Monte Carlo Method. II. Quantum Kinetic Equations. Astrophysical Journal, Supplement Series, 2021, 257, 55.	3.0	21
58	Search for GeV-scale dark matter annihilation in the Sun with IceCube DeepCore. Physical Review D, 2022, 105, .	1.6	15
59	Neutrino Mixing and Oscillations in Quantum Field Theory: A Comprehensive Introduction. Universe, 2021, 7, 504.	0.9	14
60	Low energy event classification in IceCube using boosted decision trees. Journal of Instrumentation, 2021, 16, C12007.	0.5	1
62	Neutrino oscillations: status and prospects for determination of neutrino mass ordering and leptonic CP-violation phase. Physics-Uspekhi, 0, , .	0.8	4
63	Octant of ?23, MH, 0Î½Î²Î² decay and vacuum alignment of A4 flavor symmetry in an inverse seesaw model. Modern Physics Letters A, 0, , .	0.5	1
64	Strong Constraints on Neutrino Nonstandard Interactions from TeV-Scale <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Î½</mml:mi><mml:mi>Î¼</mml:mi></mml:msub></mml:math> Disappearance at IceCube. Physical Review Letters, 2022, 129, .	2.9	7
65	Improved measurement of neutrino oscillation parameters by the NOvA experiment. Physical Review D, 2022, 106, .	1.6	42
66	Low energy event reconstruction in IceCube DeepCore. European Physical Journal C, 2022, 82, .	1.4	5
67	Rotating Lepton Model of Pions and Kaons: Mechanics at fm Distances. Journal of Applied Mathematics and Physics, 2022, 10, 2805-2819.	0.2	0
68	Graph Neural Networks for low-energy event classification & reconstruction in IceCube. Journal of Instrumentation, 2022, 17, P11003.	0.5	5
69	Sterile neutrino from D-brane models. Journal of Physics: Conference Series, 2022, 2375, 012013.	0.3	0
70	First Constraints on Light Sterile Neutrino Oscillations from Combined Appearance and Disappearance Searches with the MicroBooNE Detector. Physical Review Letters, 2023, 130, .	2.9	9
71	New physics in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi><mml:mi>W</mml:mi><mml:mi>Î³</mml:mi></mml:math> at one loop via Majorana neutrinos. Physical Review D, 2023, 107, .	1.6	1
72	Evidence of Antineutrinos from Distant Reactors Using Pure Water at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>SNO</mml:mi><mml:mo>+</mml:mo></mml:mrow></mml:math>. Physical Review Letters, 2023, 130, .	2.9	4
73	D-Egg: a dual PMT optical module for IceCube. Journal of Instrumentation, 2023, 18, P04014.	0.5	0
74	Precision Measurement of Reactor Antineutrino Oscillation at Kilometer-Scale Baselines by Daya Bay. Physical Review Letters, 2023, 130, .	2.9	8

#	Article	IF	Citations
76	Status andÂOverview ofÂNeutrino Physics withÂNeutrino Telescopes. Springer Proceedings in Physics, 2023, , 117-126.	0.1	0
83	The 3-Flavor Analysis. Springer Theses, 2023, , 71-99.	0.0	0