

# Stephen Coleman

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

2,558  
citations

257429

24  
h-index

526264

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g-index

28  
all docs

28  
docs citations

28  
times ranked

1698  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Electron Neutrino Appearance in a Muon Neutrino Beam. Physical Review Letters, 2014, 112, 061802.	7.8	369
2	Measurement of Neutrino Oscillations with the MINOS Detectors in the NuMI Beam. Physical Review Letters, 2008, 101, 131802.	7.8	262
3	Measurement of the Neutrino Mass Splitting and Flavor Mixing by MINOS. Physical Review Letters, 2011, 106, 181801.	7.8	188
4	Precise Measurement of the Neutrino Mixing Parameter $\theta_{23}$ from Muon Neutrino Disappearance in an Off-Axis Beam. Physical Review Letters, 2014, 112, 181801.	7.8	168
5	T2K neutrino flux prediction. Physical Review D, 2013, 87, .	4.7	165
6	Study of muon neutrino disappearance using the Fermilab Main Injector neutrino beam. Physical Review D, 2008, 77, .	4.7	126
7	Evidence of electron neutrino appearance in a muon neutrino beam. Physical Review D, 2013, 88, .	4.7	116
8	Measurement of neutrino velocity with the MINOS detectors and NuMI neutrino beam. Physical Review D, 2007, 76, .	4.7	111
9	Active to Sterile Neutrino Mixing Limits from Neutral-Current Interactions in MINOS. Physical Review Letters, 2011, 107, 011802.	7.8	108
10	Measurement of the inclusive $\langle \sigma_{\text{CC}}^{\nu} \rangle$ charged current cross section on carbon in the near detector of the T2K experiment. Physical Review D, 2013, 87, .	4.7	94
11	Neutrino and antineutrino inclusive charged-current cross section measurements with the MINOS near detector. Physical Review D, 2010, 81, .	4.7	91
12	Testing Lorentz Invariance and CPT Conservation with NuMI Neutrinos in the MINOS Near Detector. Physical Review Letters, 2008, 101, 151601.	7.8	86
13	Search for Lorentz Invariance and $CP$ Violation with the MINOS Far Detector. Physical Review Letters, 2010, 105, 151601.	7.8	83
14	Measurement of Neutrino Oscillation Parameters from Muon Neutrino Disappearance with an Off-Axis Beam. Physical Review Letters, 2013, 111, 211803.	7.8	79
15	Search for sterile neutrino mixing in the MINOS long-baseline experiment. Physical Review D, 2010, 81, .	4.7	59
16	Observation of muon intensity variations by season with the MINOS far detector. Physical Review D, 2010, 81, .	4.7	56
17	First Direct Observation of Muon Antineutrino Disappearance. Physical Review Letters, 2011, 107, 021801.	7.8	56
18	Search for Active Neutrino Disappearance Using Neutral-Current Interactions in the MINOS Long-Baseline Experiment. Physical Review Letters, 2008, 101, 221804.	7.8	51

#	ARTICLE	IF	CITATIONS
19	Search for Muon-Neutrino to Electron-Neutrino Transitions in MINOS. Physical Review Letters, 2009, 103, 261802.	7.8	46
20	An isothermal shift assay for proteome scale drug-target identification. Communications Biology, 2020, 3, 75.	4.4	46
21	New constraints on muon-neutrino to electron-neutrino transitions in MINOS. Physical Review D, 2010, 82, .	4.7	45
22	Measurement of the Inclusive Electron Neutrino Charged Current Cross Section on Carbon with the T2K Near Detector. Physical Review Letters, 2014, 113, 241803.	7.8	44
23	Publisher's Note: T2K neutrino flux prediction [Phys. Rev. D87, 012001 (2013)]. Physical Review D, 2013, 87, .	4.7	40
24	Sudden stratospheric warmings seen in MINOS deep underground muon data. Geophysical Research Letters, 2009, 36, .	4.0	26
25	Search for the disappearance of muon antineutrinos in the NuMI neutrino beam. Physical Review D, 2011, 84, .	4.7	16
26	Measurement of the underground atmospheric muon charge ratio using the MINOS Near Detector. Physical Review D, 2011, 83, .	4.7	13
27	Multimic Analysis Reveals Disruption of Cholesterol Homeostasis by Cannabidiol in Human Cell Lines. Molecular and Cellular Proteomics, 2022, 21, 100262.	3.8	8