

Adrien Blanchet

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Characterization of resistive Micromegas detectors for the upgrade of the T2K Near Detector Time Projection Chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1025, 166109.	1.6	9
2	Searching for Hidden Neutrons with a Reactor Neutrino Experiment: Constraints from the STEREO Experiment. Physical Review Letters, 2022, 128, 061801.	7.8	6
3	Sensitivity of the upgraded T2K Near Detector to constrain neutrino and antineutrino interactions with no mesons in the final state by exploiting nucleon-lepton correlations. Physical Review D, 2022, 105, .	4.7	7
4	Joint Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal"} \rangle \text{U} \langle \text{mml:mrow} \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 235 \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	7.8	11
5	Antineutrino Spectrum by PROSPECT and STEREO. Physical Review Letters, 2022, 128, 081802. Improved constraints on neutrino mixing from the T2K experiment with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3.13 \langle \text{mml:mrow} \langle \text{mml:mo} \rangle \tilde{\Delta} \langle \text{mml:msup} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 10 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$	4.7	64
6	Accurate Measurement of the Electron-Antineutrino Yield of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal"} \rangle \text{U} \langle \text{mml:mrow} \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 235 \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	7.8	20
7	Fissions from the STEREO Experiment with 119 Days of Reactor-On Data. Physical Review Letters, 2020, 124, 081801. Improved sterile neutrino constraints from the STEREO experiment with 179 Days of reactor-on data. Physical Review D, 2020, 102, .	4.7	60
8	Search for light sterile neutrinos with the STEREO experiment. EPJ Web of Conferences, 2019, 219, 08001.	0.3	2
9	Improved STEREO simulation with a new gamma ray spectrum of excited gadolinium isotopes using FIFRELIN. European Physical Journal A, 2019, 55, 1.	2.5	18
10	The STEREO experiment. Journal of Instrumentation, 2018, 13, P07009-P07009.	1.2	41
11	Sterile Neutrino Constraints from the STEREO Experiment with 66 Days of Reactor-On Data. Physical Review Letters, 2018, 121, 161801.	7.8	80