

Alain Letourneau

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

879
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved predictions of reactor antineutrino spectra. <i>Physical Review C</i> , 2011, 83, .	2.9	694
2	Improved sterile neutrino constraints from the STEREO experiment with 179 $\hat{\text{A}}$ days of reactor-on data. <i>Physical Review D</i> , 2020, 102, .	4.7	60
3	The STEREO experiment. <i>Journal of Instrumentation</i> , 2018, 13, P07009-P07009. Accurate Measurement of the Electron Antineutrino Yield of ^{235}U	1.2	41
4	Fissions from the STEREO Experiment with 119 Days of Reactor-On Data. <i>Physical Review Letters</i> , 2020, 124, 081802.	7.8	20
5	Improved STEREO simulation with a new gamma ray spectrum of excited gadolinium isotopes using FIFRELIN. <i>European Physical Journal A</i> , 2019, 55, 1.	2.5	18
6	First antineutrino energy spectrum from ^{235}U fissions with the STEREO detector at ILL ^{235}U . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021, 48, 075107.	3.6	15
7	Joint Measurement of the ^{235}U Antineutrino Spectrum by PROSPECT and STEREO. <i>Physical Review Letters</i> , 2022, 128, 081802.	7.8	11
8	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. <i>Physical Review D</i> , 2022, 105, .	4.7	7
9	Searching for Hidden Neutrons with a Reactor Neutrino Experiment: Constraints from the STEREO Experiment. <i>Physical Review Letters</i> , 2022, 128, 061801.	7.8	6
10	Stopping power of fission fragments in thin Mylar and nickel foils. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2021, 505, 1-16.	1.4	4
11	Measurement of fission yields from the $^{241}\text{Am}(n,\text{f})$ reaction at the Lohengrin Spectrometer. <i>EPJ Web of Conferences</i> , 2013, 62, 06002.	0.3	3