

Alain Letourneau

List of Publications by Year in descending order

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11
papers

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1307594

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all docs

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docs citations

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times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Joint Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal">U \langle \text{mml:mrow} \langle \text{mml:mprescripts} / \rangle \langle \text{mml:none} / \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 235 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Antineutrino Spectrum by PROSPECT and STEREO. <i>Physical Review Letters</i> , 2022, 128, 081802.	7.8	11
4	First antineutrino energy spectrum from $\langle \text{sup} \rangle 235 \langle \text{/sup} \rangle$ U fissions with the STEREO detector at ILL $\langle \text{sup} \rangle * \langle \text{/sup} \rangle$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021, 48, 075107.	3.6	15
5	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
6	Accurate Measurement of the Electron Antineutrino Yield of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal">U \langle \text{mml:mrow} \langle \text{mml:mprescripts} / \rangle \langle \text{mml:none} / \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 235 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Fissions from the STEREO Experiment with 119 Days of Reactor-On Data. <i>Physical Review Letters</i> , 2020, 124, 081802.	7.8	20
7	Improved sterile neutrino constraints from the STEREO experiment with 179 days of reactor-on data. <i>Physical Review D</i> , 2020, 102, .	4.7	60
8	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
9	The STEREO experiment. <i>Journal of Instrumentation</i> , 2018, 13, P07009-P07009.	1.2	41
10	Measurement of fission yields from the $^{241}\text{Am}(n, f)$ reaction at the Lohengrin Spectrometer. <i>EPJ Web of Conferences</i> , 2013, 62, 06002.	0.3	3
11	Improved predictions of reactor antineutrino spectra. <i>Physical Review C</i> , 2011, 83, .	2.9	694