

AurÃ©lie Bonhomme

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

342
citations

933447

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1199594

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all docs

12
docs citations

12
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Searching for Hidden Neutrons with a Reactor Neutrino Experiment: Constraints from the STEREO Experiment. Physical Review Letters, 2022, 128, 061801.	7.8	6
2	Joint Measurement of the $\langle \sigma \rangle$ of ^{235}U fissions from the STEREO Experiment. Physical Review Letters, 2022, 128, 081802.	7.8	11
3	Novel constraints on neutrino physics beyond the standard model from the CONUS experiment. Journal of High Energy Physics, 2022, 2022, .	4.7	19
4	Constraints on Elastic Neutrino Nucleus Scattering in the Fully Coherent Regime from the CONUS Experiment. Physical Review Letters, 2021, 126, 041804.	7.8	60
5	Large-size sub-keV sensitive germanium detectors for the CONUS experiment. European Physical Journal C, 2021, 81, 1.	3.9	10
6	First antineutrino energy spectrum from ^{235}U fissions with the STEREO detector at ILL. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 075107.	3.6	15
7	Accurate Measurement of the Electron Antineutrino Yield of ^{235}U Fissions from the STEREO Experiment with 119 Days of Reactor-On Data. Physical Review Letters, 2020, 125, 081801.	7.8	20
8	Improved sterile neutrino constraints from the STEREO experiment with 179 days of reactor-on data. Physical Review D, 2020, 102, .	4.7	60
9	Search for light sterile neutrinos with the STEREO experiment. EPJ Web of Conferences, 2019, 219, 08001.	0.3	2
10	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
11	The STEREO experiment. Journal of Instrumentation, 2018, 13, P07009-P07009.	1.2	41
12	Sterile Neutrino Constraints from the STEREO Experiment with 66 Days of Reactor-On Data. Physical Review Letters, 2018, 121, 161801.	7.8	80