

# 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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h-index

1199594

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12  
docs citations

12  
times ranked

378  
citing authors

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