Javier Caravaca Rodriguez

List of Publications by Year
in descending order

19 papers	538 citations	759233 12 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	640 citing authors

#	Article	IF	Citations
1	Current Status and Future Prospects of the SNO+ Experiment. Advances in High Energy Physics, 2016, 2016, 1-21.	1.1	185
2	Theia: an advanced optical neutrino detector. European Physical Journal C, 2020, 80, 1.	3.9	70
3	The SNO+ experiment. Journal of Instrumentation, 2021, 16, P08059.	1.2	45
4	Experiment to demonstrate separation of Cherenkov and scintillation signals. Physical Review C, 2017, 95, .	2.9	30
5	Cherenkov and scintillation light separation in organic liquid scintillators. European Physical Journal C, 2017, 77, 1.	3.9	28
6	Characterization of water-based liquid scintillator for Cherenkov and scintillation separation. European Physical Journal C, 2020, 80, 1.	3.9	25
7	Constraints on neutrino lifetime from the Sudbury Neutrino Observatory. Physical Review D, 2019, 99, .	4.7	23
8	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">B</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> solar neutrino flux in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>SNO</mml:mi><mml:mo>+</mml:mo></mml:mrow></mml:math>	4.7	23
9	MeV-scale performance of water-based and pure liquid scintillator detectors. Physical Review D, 2021, 103, .	4.7	23
10	Search for invisible modes of nucleon decay in water with the SNO+ detector. Physical Review D, 2019, 99, .	4.7	20
11	Development, characterisation, and deployment of the SNO+ liquid scintillator. Journal of Instrumentation, 2021, 16, P05009.	1.2	19
12	Tests of Lorentz invariance at the Sudbury Neutrino Observatory. Physical Review D, 2018, 98, .	4.7	13
13	Search for hep solar neutrinos and the diffuse supernova neutrino background using all three phases of the Sudbury Neutrino Observatory. Physical Review D, 2020, 102, .	4.7	12
14	Cosmogenic neutron production at the Sudbury Neutrino Observatory. Physical Review D, 2019, 100, .	4.7	6
15	Measurement of neutron-proton capture in the SNO+ water phase. Physical Review C, 2020, 102, .	2.9	5
16	Probing Cherenkov and Scintillation Light Separation for Next-Generation Neutrino Detectors. Journal of Physics: Conference Series, 2017, 888, 012056.	0.4	4
17	Optical calibration of the SNO+ detector in the water phase with deployed sources. Journal of Instrumentation, 2021, 16, P10021.	1.2	3
18	Characterization of light production and transport in tellurium dioxide crystals. Journal of Instrumentation, 2019, 14, P10032-P10032.	1.2	2

#	Article	IF	Citations
19	Measurement of neutron production in atmospheric neutrino interactions at the Sudbury Neutrino Observatory. Physical Review D, 2019, 99, .	4.7	2