

Benjamin Land

List of Publications by Year in descending order

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18
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#	ARTICLE	IF	CITATIONS
1	Improved search for invisible modes of nucleon decay in water with the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{SNO} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ detector. Physical Review D, 2022, 105, .	4.7	3
2	MeV-scale performance of water-based and pure liquid scintillator detectors. Physical Review D, 2021, 103, .	4.7	23
3	Characterization of water-based liquid scintillator for Cherenkov and scintillation separation. European Physical Journal C, 2020, 80, 1.	3.9	25
4	Spectral photon sorting for large-scale Cherenkov and scintillation detectors. Physical Review D, 2020, 101, .	4.7	18
5	Measurement of neutron-proton capture in the SNO+ water phase. Physical Review C, 2020, 102, .	2.9	5
6	Search for $\langle \text{i} \rangle \text{hep} \langle \text{/i} \rangle$ 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
7	Constraints on neutrino lifetime from the Sudbury Neutrino Observatory. Physical Review D, 2019, 99, .	4.7	23
8	Measurement of neutron production in atmospheric neutrino interactions at the Sudbury Neutrino Observatory. Physical Review D, 2019, 99, .	4.7	2
9	Search for invisible modes of nucleon decay in water with the SNO+ detector. Physical Review D, 2019, 99, .	4.7	20
10	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 8 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ solar neutrino flux in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{SNO} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	4.7	23
11	Tests of Lorentz invariance at the Sudbury Neutrino Observatory. Physical Review D, 2018, 98, .	4.7	13
12	Experiment to demonstrate separation of Cherenkov and scintillation signals. Physical Review C, 2017, 95, .	2.9	30
13	Cherenkov and scintillation light separation in organic liquid scintillators. European Physical Journal C, 2017, 77, 1.	3.9	28
14	Current Status and Future Prospects of the SNO+ Experiment. Advances in High Energy Physics, 2016, 2016, 1-21.	1.1	185
15	Parametric excitation and squeezing in a many-body spinor condensate. Nature Communications, 2016, 7, 11233.	12.8	34
16	Dynamic Stabilization of a Quantum Many-Body Spin System. Physical Review Letters, 2013, 111, 090403.	7.8	48
17	Non-equilibrium dynamics of an unstable quantum pendulum explored in a spin-1 Bose-Einstein condensate. Nature Communications, 2012, 3, 1169.	12.8	69