

Benjamin Land

List of Publications by Year in descending order

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17
papers

562
citations

687363

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839539

18
g-index

18
all docs

18
docs citations

18
times ranked

761
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Status and Future Prospects of the SNO+ Experiment. <i>Advances in High Energy Physics</i> , 2016, 2016, 1-21.	1.1	185
2	Non-equilibrium dynamics of an unstable quantum pendulum explored in a spin-1 Bose-Einstein condensate. <i>Nature Communications</i> , 2012, 3, 1169.	12.8	69
3	Dynamic Stabilization of a Quantum Many-Body Spin System. <i>Physical Review Letters</i> , 2013, 111, 090403.	7.8	48
4	Parametric excitation and squeezing in a many-body spinor condensate. <i>Nature Communications</i> , 2016, 7, 11233.	12.8	34
5	Experiment to demonstrate separation of Cherenkov and scintillation signals. <i>Physical Review C</i> , 2017, 95, .	2.9	30
6	Cherenkov and scintillation light separation in organic liquid scintillators. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	28
7	Characterization of water-based liquid scintillator for Cherenkov and scintillation separation. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	25
8	Constraints on neutrino lifetime from the Sudbury Neutrino Observatory. <i>Physical Review D</i> , 2019, 99, .	4.7	23
9	Measurement of the B_8 solar neutrino flux in SNO_+ MeV-scale performance of water-based and pure liquid scintillator detectors. <i>Physical Review D</i> , 2021, 103, .	4.7	23
10	MeV-scale performance of water-based and pure liquid scintillator detectors. <i>Physical Review D</i> , 2021, 103, .	4.7	23
11	Search for invisible modes of nucleon decay in water with the SNO+ detector. <i>Physical Review D</i> , 2019, 99, .	4.7	20
12	Spectral photon sorting for large-scale Cherenkov and scintillation detectors. <i>Physical Review D</i> , 2020, 101, .	4.7	18
13	Tests of Lorentz invariance at the Sudbury Neutrino Observatory. <i>Physical Review D</i> , 2018, 98, .	4.7	13
14	Search for B_8 solar neutrinos and the diffuse supernova neutrino background using all three phases of the Sudbury Neutrino Observatory. <i>Physical Review D</i> , 2020, 102, .	4.7	12
15	Measurement of neutron-proton capture in the SNO+ water phase. <i>Physical Review C</i> , 2020, 102, .	2.9	5
16	Improved search for invisible modes of nucleon decay in water with the SNO_+ detector. <i>Physical Review D</i> , 2022, 105, .	4.7	3
17	Measurement of neutron production in atmospheric neutrino interactions at the Sudbury Neutrino Observatory. <i>Physical Review D</i> , 2019, 99, .	4.7	2