

Marc Bergevin

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

3,953
citations

257450

24
h-index

223800

46
g-index

51
all docs

51
docs citations

51
times ranked

2494
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement in light collection of a photomultiplier tube using a wavelength-shifting plate. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1040, 167207.	1.6	2
2	Supernova Model Discrimination with Hyper-Kamiokande. Astrophysical Journal, 2021, 916, 15.	4.5	37
3	Search for $\langle i \rangle \text{hep} \langle /i \rangle$ 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
4	Measurement of muon-induced high-energy neutrons from rock in an underground Gd-doped water detector. Physical Review C, 2020, 102, .	2.9	2
5	Constraints on neutrino lifetime from the Sudbury Neutrino Observatory. Physical Review D, 2019, 99, .	4.7	23
6	Measurement of neutron production in atmospheric neutrino interactions at the Sudbury Neutrino Observatory. Physical Review D, 2019, 99, .	4.7	2
7	Cosmogenic neutron production at the Sudbury Neutrino Observatory. Physical Review D, 2019, 100, .	4.7	6
8	Tests of Lorentz invariance at the Sudbury Neutrino Observatory. Physical Review D, 2018, 98, .	4.7	13
9	Physics potentials with the second Hyper-Kamiokande detector in Korea. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	77
10	Search for neutron-antineutron oscillations at the Sudbury Neutrino Observatory. Physical Review D, 2017, 96, .	4.7	34
11	Characterization of the spontaneous light emission of the PMTs used in the Double Chooz experiment. Journal of Instrumentation, 2016, 11, P08001-P08001.	1.2	6
12	A search for cosmogenic production of $\hat{1}^2$ -neutron emitting radionuclides in water. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 821, 151-159.	1.6	9
13	Muon capture on light isotopes measured with the Double Chooz detector. Physical Review C, 2016, 93, .	2.9	8
14	Measurement of $\hat{1}, 13$ in Double Chooz using neutron captures on hydrogen with novel background rejection techniques. Journal of High Energy Physics, 2016, 2016, 1.	4.7	46
15	Neutron-antineutron oscillations: Theoretical status and experimental prospects. Physics Reports, 2016, 612, 1-45.	25.6	138
16	Future water Cherenkov detectors. AIP Conference Proceedings, 2015, , .	0.4	3
17	Physics potential of a long-baseline neutrino oscillation experiment using a J-PARC neutrino beam and Hyper-Kamiokande. Progress of Theoretical and Experimental Physics, 2015, 2015, 53C02-0.	6.6	157
18	Ortho-positronium observation in the Double Chooz experiment. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8

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37	The Majorana Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2011, 217, 44-46.	0.4	34
38	LOW-MULTIPLICITY BURST SEARCH AT THE SUDBURY NEUTRINO OBSERVATORY. Astrophysical Journal, 2011, 728, 83.	4.5	15
39	The MAJORANA Project. Journal of Physics: Conference Series, 2010, 203, 012057.	0.4	9
40	SEARCHES FOR HIGH-FREQUENCY VARIATIONS IN THE ^8B SOLAR NEUTRINO FLUX AT THE SUDBURY NEUTRINO OBSERVATORY. Astrophysical Journal, 2010, 710, 540-548.	4.5	24
41	Low-energy-threshold analysis of the Phase I and Phase II data sets of the Sudbury Neutrino Observatory. Physical Review C, 2010, 81, .	2.9	196
42	The MAJORANA DEMONSTRATOR: An R&D project towards a tonne-scale germanium neutrinoless double-beta decay search. , 2009, , .		12
43	Measurement of the cosmic ray and neutrino-induced muon flux at the Sudbury neutrino observatory. Physical Review D, 2009, 80, .	4.7	42
44	The MAJORANA Project. Journal of Physics: Conference Series, 2009, 173, 012007.	0.4	16
45	The MAJORANA Neutrinoless Double-Beta Decay Experiment. , 2008, , .		12
46	Independent Measurement of the Total Active ^8B Solar Neutrino Flux Using an Array of ^3He Detectors. Physical Review Letters, 2006, 96, 111801.	7.8	262
47	Determination of the ^7Be and total ^8B solar neutrino fluxes using the Sudbury Neutrino Observatory Phase I data set. Physical Review C, 2007, 75, .	2.9	112
48	A Search for Neutrinos from the Solar ^8B Reaction and the Diffuse Supernova Neutrino Background with the Sudbury Neutrino Observatory. Astrophysical Journal, 2006, 653, 1545-1551.	4.5	63
49	Search for periodicities in the ^8B solar neutrino flux measured by the Sudbury Neutrino Observatory. Physical Review D, 2005, 72, .	4.7	54
50	Electron energy spectra, fluxes, and day-night asymmetries of ^8B solar neutrinos from measurements with NaCl dissolved in the heavy-water detector at the Sudbury Neutrino Observatory. Physical Review C, 2005, 72, .	2.9	459