

Gordon Jones

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7910049/publications.pdf>

Version: 2024-02-01

22
papers

472
citations

623734

14
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	Test of ^3He -based neutron polarizers at NIST. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 440, 772-776.	1.6	53
2	Applications of ^3He neutron spin filters at the NCNR. Physica B: Condensed Matter, 2009, 404, 2663-2666.	2.7	48
3	Polarized spin filters in neutron scattering. Physica B: Condensed Matter, 2005, 356, 96-102.	2.7	45
4	Search for a $\langle T \rangle$ - odd, $\langle P \rangle$ - even triple correlation in neutron decay. Physical Review C, 2012, 86, .	2.9	34
5	Test of a continuously polarized ^3He neutron spin filter with NMR-based polarization inversion on a single-crystal diffractometer. Physica B: Condensed Matter, 2006, 385-386, 1131-1133.	2.7	33
6	Polarized ^3He cell development and application at NIST. Journal of Physics: Conference Series, 2011, 294, 012003.	0.4	33
7	Measurement of the Electron-Antineutrino Angular Correlation in Neutron $\langle T \rangle^2$ Decay. Physical Review Letters, 2017, 119, 042502.	7.8	33
8	^3He spin filters for a thermal neutron triple axis spectrometer. Physica B: Condensed Matter, 2007, 397, 168-171.	2.7	30
9	aCORN: An experiment to measure the electron-antineutrino correlation in neutron decay. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 611, 207-210.	1.6	27
10	emiT: An apparatus to test time reversal invariance in polarized neutron decay. Review of Scientific Instruments, 2004, 75, 5343-5355.	1.3	20
11	Polarized He^3 gas compression system using metastability-exchange optical pumping. Review of Scientific Instruments, 2005, 76, 053503.	1.3	20
12	A method for an improved measurement of the electron-antineutrino correlation in free neutron beta decay. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 545, 181-193.	1.6	19
13	Measurement of the neutron decay electron-antineutrino angular correlation by the aCORN experiment. Physical Review C, 2021, 103, .	2.9	19
14	Continuously operating compact He-based neutron spin filter. Physica B: Condensed Matter, 2005, 356, 86-90.	2.7	17
15	Consequence for Wavefunction Collapse Model of the Sudbury Neutrino Observatory Experiment. Foundations of Physics, 2004, 34, 1467-1474.	1.3	14
16	Measurement of neutron decay parameters - The abBA experiment. Journal of Research of the National Institute of Standards and Technology, 2005, 110, 389.	1.2	12
17	The aCORN backscatter-suppressed beta spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 867, 51-57.	1.6	7
18	aCORN: An experiment to measure the electron-antineutrino correlation coefficient in free neutron decay. Review of Scientific Instruments, 2017, 88, 083503.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Optimizing magnetically shielded solenoids. Review of Scientific Instruments, 2020, 91, 105102.	1.3	2
20	Neutron polarimetry using a polarized ^3He cell for the aCORN experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 988, 164862.	1.6	2
21	The 2004 NPDGamma Commissioning Run-Measurement of Parity-Violating Gamma-Ray Asymmetries in Neutron Capture on Al, Cu, Cl, In, and B. AIP Conference Proceedings, 2005, , .	0.4	0
22	A Precision Measurement of Neutron \hat{I}^2 -Decay Angular Correlations with Pulsed Cold Neutrons $\hat{\epsilon}$ " The abBA Experiment. AIP Conference Proceedings, 2005, , .	0.4	0