

Alexander Komives

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Improved Neutron Lifetime Measurement with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{UCN} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \tilde{I}, \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle .$ Physical Review Letters, 2021, 127, 162501.	7.8	67
2	Monte Carlo simulations of trapped ultracold neutrons in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{UCN} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \tilde{I}, \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle .$ experiment. Physical Review C, 2019, 100, .	2.9	6
3	Status of the UCN $\langle \text{b} \rangle \tilde{I}, \langle \text{b} \rangle$ experiment. EPJ Web of Conferences, 2019, 219, 03004.	0.3	4
4	Measurement of the neutron lifetime using a magneto-gravitational trap and in situ detection. Science, 2018, 360, 627-632.	12.6	117
5	A new method for measuring the neutron lifetime using an <i>in situ</i> neutron detector. Review of Scientific Instruments, 2017, 88, 053508.	1.3	21
6	aCORN: An experiment to measure the electron-antineutrino correlation coefficient in free neutron decay. Review of Scientific Instruments, 2017, 88, 083503.	1.3	4
7	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
8	f_t value of the $0^+ \rightarrow 0^+ \hat{I}^2$ decay of ^{32}Ar : A measurement of isospin symmetry breaking in a superallowed decay. Physical Review C, 2008, 77, .	2.9	42
9	Proposed measurement of the beta-neutrino correlation in neutron decay. Journal of Research of the National Institute of Standards and Technology, 2005, 110, 401.	1.2	0