

Alexander B Laptev

List of Publications by Year in descending order

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papers

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25
all docs

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docs citations

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times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	aCORN: An experiment to measure the electron-antineutrino correlation coefficient in free neutron decay. Review of Scientific Instruments, 2017, 88, 083503.	1.3	4
2	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
3	Fission-fragment total kinetic energy and mass yields for neutron-induced fission of ²³⁵ U and ²³⁸ U with $E_n = 200 \text{ keV} \hat{=} 30 \text{ MeV}$. EPJ Web of Conferences, 2017, 146, 04042.	0.3	6
4	Simplification of an MCNP model designed for dose rate estimation. EPJ Web of Conferences, 2017, 153, 06018.	0.3	1
5	The SPIDER fission fragment spectrometer for fission product yield measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 788, 59-66.	1.6	33
6	Development of position-sensitive time-of-flight spectrometer for fission fragment research. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 53-58.	1.6	9
7	Fast Neutron-Induced Fission Cross Sections of ²³³ , ²³⁴ , ²³⁶ , ²³⁸ U up to 200 MeV. Nuclear Science and Engineering, 2014, 178, 57-65.	1.1	38
8	Li-glass detector response study with a ²⁵² Cf source for low-energy prompt fission neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 703, 213-219.	1.6	29
9	Development of Neutron Detector Arrays for Neutron-Induced Reaction Measurements. IEEE Transactions on Nuclear Science, 2013, 60, 879-884.	2.0	3
10	SPIDER: A new instrument for fission fragment research at the Los Alamos Neutron Science Center. EPJ Web of Conferences, 2013, 62, 05002.	0.3	3
11	Two detector arrays for fast neutrons at LANSCE. Journal of Instrumentation, 2012, 7, C03028-C03028.	1.2	14
12	Prompt energy distribution of ²³⁵ U(n,f) at bombarding energies of $1 \hat{=} 20 \text{ MeV}$. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 688, 55-61.	1.6	15
13	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
14	Prospects for a new cold neutron beam measurement of the neutron lifetime. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 611, 189-192.	1.6	15
15	MEASURING ⁶ Li(n, t) AND ¹⁰ B($n, \hat{=}$) CROSS SECTIONS USING THE NIST ALPHA-GAMMA DEVICE. , 2009, , .		3
16	Distortion of pulse-height spectra of neutron capture gamma rays. AIP Conference Proceedings, 2006, , .	0.4	0
17	High-speed data acquisition system for neutron time-of-flight experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 557, 621-630.	1.6	1
18	Baseline distortion effect on gamma-ray pulse-height spectra in neutron capture experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 543, 502-508.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Neutron-Induced Fission of ^{233}U , ^{238}U , ^{232}Th , ^{239}Pu , ^{237}Np , $^{\text{nat}}\text{Pb}$ and ^{209}Bi Relative to ^{235}U in the Energy Range 1-200 MeV. Journal of Nuclear Science and Technology, 2002, 39, 230-233.	1.3	94
20	Methodology of a Study of Correlations Between Neutron Multiplicity, Mass and Kinetic Energy of Fission Fragments. Journal of Nuclear Science and Technology, 2002, 39, 630-633.	1.3	0
21	Prefission and capture gamma-rays in neutron resonances of U235, U238 and Pu239. AIP Conference Proceedings, 2000, , .	0.4	0
22	Estimation of the neutron polarizability from analysis of the total cross-sections of lead-208 and carbon. AIP Conference Proceedings, 2000, , .	0.4	0