Alexander B Laptev

List of Publications by Year
in descending order

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22	331	1040056	839539
papers	citations	9	18
		h-index	g-index

25	25	25	371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neutron-Induced Fission of²³³U,²³⁸U,²³²Th,²³⁹Pu,²³⁷Np,^{nat}Pb and²⁰⁹Bi Relative to²³⁵U in the Energy Range 1-200 MeV. Journal of Nuclear Science and Technology, 2002, 39, 230-233.	1.3	94
2	Fast Neutronâ€“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
3	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
4	Li-glass detector response study with a 252Cf 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
5	aCORN: An experiment to measure the electronâ€“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
6	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
7	Prompt energy distribution of 235U(n,f) at bombarding energies of 1â€“20MeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 688, 55-61.	1.6	15
8	Two detector arrays for fast neutrons at LANSCE. Journal of Instrumentation, 2012, 7, C03028-C03028.	1.2	14
9	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
10	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
11	Fission-fragment total kinetic energy and mass yields for neutron-induced fission of 235U and 238U with En =200 keV â€“ 30 MeV. EPJ Web of Conferences, 2017, 146, 04042.	0.3	6
12	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
13	aCORN: An experiment to measure the electron-antineutrino correlation coefficient in free neutron decay. Review of Scientific Instruments, 2017, 88, 083503.	1.3	4
14	Development of Neutron Detector Arrays for Neutron-Induced Reaction Measurements. IEEE Transactions on Nuclear Science, 2013, 60, 879-884.	2.0	3
15	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
16	MEASURING ⁶Li(n,t) AND ¹⁰B(n,Î±) CROSS SECTIONS USING THE NIST ALPHA-GAMMA DEVICE. , 2009, , .		3
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	Simplification of an MCNP model designed for dose rate estimation. EPJ Web of Conferences, 2017, 153, 06018.	0.3	1

#	Article	IF	Citations
19	Prefission and capture gamma-rays in neutron resonances of U235, U238 and Pu239. AIP Conference Proceedings, 2000, , .	0.4	0
20	Estimation of the neutron polarizability from analysis of the total cross-sections of lead-208 and carbon. AIP Conference Proceedings, 2000, , .	0.4	0
21	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
22	Distortion of pulse-height spectra of neutron capture gamma rays. AIP Conference Proceedings, 2006, , .	0.4	0