Mingtao Kang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9624808/publications.pdf

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13	136	1478505 6	1199594 12
papers	citations	h-index	g-index

15	15	15	61
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neutron capture cross section of ¹⁶⁹Tm measured at the CSNS Back-n facility in the energy region from 30 to 300 keV *. Chinese Physics C, 2022, 46, 044002.	3.7	5
2	Measurement of the relative differential cross sections of the $$^{1} H(n,el)$$ reaction in the neutron energy range from 6 MeV to 52 MeV. European Physical Journal A, 2021, 57, 1.	2.5	5
3	The machine protection system for CSNS. Radiation Detection Technology and Methods, 2021, 5, 273-279.	0.8	0
4	Measurement of the neutron total cross sections of aluminum at the back-n white neutron source of CSNS. European Physical Journal A, 2021, 57, 1.	2.5	5
5	Measurement of relative differential cross sections of the neutron-deuteron elastic scattering for neutron energy from 13 to 52 MeV. European Physical Journal A, 2021, 57, 1.	2.5	4
6	The accelerator control system of CSNS. Radiation Detection Technology and Methods, 2020, 4, 478-491.	0.8	3
7	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">U</mml:mi><mml:mprescripts /><mml:none /><mml:mn>236</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mrow><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi> cross section for neutron energies from 0.4 MeV to 40 MeV from the back-streaming white neutron beam at the China Spallation Neutron Source. Physical Review C, 2020, 102.	2.9	7
8	Measurement of the differential cross sections and angle-integrated cross sections of the ⁶Li(n, t)⁴He reaction from 1.0 eV to 3.0 MeV at the CSNS Back-n white neutron source *. Chinese Physics C, 2020, 44, 014003.	3.7	13
9	Neutron energy spectrum measurement of the Back-n white neutron source at CSNS. European Physical Journal A, 2019, 55, 1.	2.5	47
10	The C6D6 detector system on the Back-n beam line of CSNS. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	17
11	The 6LiF-silicon detector array developed for real-time neutron monitoring at white neutron beam at CSNS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 946, 162497.	1.6	18
12	The run management system for CSNS. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	1
13	Measurements of differential and angle-integrated cross sections for the ¹⁰B(n,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 43, 124002.	3.7	9