

# Mingtao Kang

## List of Publications by Year in descending order

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13  
papers

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1478505

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1199594

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#	ARTICLE	IF	CITATIONS
1	Neutron energy spectrum measurement of the Back-n white neutron source at CSNS. European Physical Journal A, 2019, 55, 1.	2.5	47
2	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
3	The C6D6 detector system on the Back-n beam line of CSNS. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	17
4	Measurement of the differential cross sections and angle-integrated cross sections of the ${}^6\text{Li}(n, t){}^4\text{He}$ 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
5	Measurements of differential and angle-integrated cross sections for the ${}^{10}\text{B}(n, \alpha){}^7\text{Li}$ reaction 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, .	3.7	9
6	Measurement of the relative differential cross sections of the ${}^1\text{H}(n, el)$ reaction in the neutron energy range from 6 MeV to 52 MeV. European Physical Journal A, 2021, 57, 1.	2.9	7
7	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
8	Neutron capture cross section of ${}^{169}\text{Tm}$ 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
9	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
10	The accelerator control system of CSNS. Radiation Detection Technology and Methods, 2020, 4, 478-491.	0.8	3
11	The run management system for CSNS. Radiation Detection Technology and Methods, 2019, 3, 1.	0.8	1
12	The machine protection system for CSNS. Radiation Detection Technology and Methods, 2021, 5, 273-279.	0.8	0
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