

Yang Li

List of Publications by Year in descending order

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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	Background study for $\frac{d\sigma}{d\Omega}(\theta) \approx \frac{d\sigma}{d\Omega}(\theta) \cdot \frac{1}{\sin^2\theta}$ section measurements with C $^{12}\text{C}(n, \alpha)^8\text{Be}$ reaction. Nuclear Science and Techniques/Hewuli, 2019, 30, 1.	1.6	16
3	Measurement of the neutron total cross section of carbon at the Back-n white neutron beam of CSNS. Nuclear Science and Techniques/Hewuli, 2019, 30, 1.	3.4	13
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. Chinese Physics C, 2020, 44, 014002.	3.7	9
6	Measurement of the $^{236}\text{U}(n, f)^{140}\text{Ba} + ^{92}\text{Kr} + ^{92}\text{Kr}$ fission 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
7	Initial years $^{\text{TM}}$ neutron-induced cross-section measurements at the CSNS Back-n white neutron source *. Chinese Physics C, 2021, 45, 062001.	3.7	7
8	Application of a silicon detector array in $^{16}\text{O}(n, \alpha)^{13}\text{C}$ reaction cross-section measurements at the CSNS Back-n white neutron source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 973, 164126.	1.6	6
9	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.	2.5	5
10	Neutron capture cross section of ^{169}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
11	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
12	Gap uniformity study of a resistive Micromegas for the Multi-purpose Time Projection Chamber (MTPC) at Back-n white neutron source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1039, 167157.	1.6	4
13	Simulation for accelerator dynamic power supply based on current-source PWM rectifier. Radiation Detection Technology and Methods, 2018, 2, 1.	0.8	2
14	Research on power supply of booster based on PWM rectifier. Radiation Detection Technology and Methods, 2020, 4, 456-464.	0.8	0
15	Measurement of differential cross sections of neutron-induced deuteron production reactions on carbon from 25 to 52 MeV *. Chinese Physics C, 2021, 45, 064001.	3.7	0
16	Detector calibration based on secondary protons of Back-n white neutron source. Wuli Xuebao/Acta Physica Sinica, 2021, 70, 082901.	0.5	0
17	Measurements of neutron-induced light-charged particle emission reactions. EPJ Web of Conferences, 2020, 239, 01001.	0.3	0