

Rui Han

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Activation cross sections of proton induced reactions on bismuth in the energy range 73–100 MeV. European Physical Journal A, 2022, 58, 1.	2.5	0
2	Determining impact parameters of heavy-ion collisions at low-intermediate incident energies using deep learning with convolutional neural networks. Physical Review C, 2022, 105, .	2.9	6
3	Activation cross sections for 13.6 MeV neutron induced reactions on natural tin. Applied Radiation and Isotopes, 2022, 184, 110209.	1.5	2
4	Abnormal flow of $\hat{L}\pm$ particles in heavy-ion collisions at intermediate energies. Physical Review C, 2021, 103, .	2.9	1
5	Excitation functions of proton induced reactions on titanium and copper. Applied Radiation and Isotopes, 2021, 173, 109713.	1.5	2
6	Experimental investigation of abnormal transverse flow enhancement of $\hat{L}\pm$ particles in heavy-ion collisions. Physical Review C, 2021, 104, .	2.9	1
7	Effects of cluster correlations on fragment emission in C12+C12 at 50 MeV/nucleon. Physical Review C, 2020, 102, .	2.9	4
8	Measurements and analysis of leakage neutron spectra from multiple-slab sample assemblies comprising W,U,C, and CH 2 with D-T neutron irradiation. Applied Radiation and Isotopes, 2018, 137, 123-128.	1.5	0
9	Correlation and fragment emission in $C^{12}+C^{12}$ at 95 MeV/nucleon. Physical Review C, 2017, 95, .	2.9	11
10	Benchmarking of JEFF-3.2, FENDL-3.0 and TENDL-2014 evaluated data for tungsten with 14.8 MeV neutrons. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	3.4	9
11	An active base designed in high-counting-rate applications for Hamamatsu R1924A photomultiplier tube. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	3.4	2
12	Nuclear stopping and light charged particle emission in C12+C12 at 95 MeV/nucleon. Physical Review C, 2017, 95, .	2.9	14
13	Measurement of leakage neutron spectra from graphite cylinders irradiated with D-T neutrons for validation of evaluated nuclear data. Applied Radiation and Isotopes, 2016, 116, 185-189.	1.5	8
14	High-energy proton emission and Fermi motion in intermediate-energy heavy-ion collisions. Physical Review C, 2016, 94, .	2.9	12
15	Experimental reconstruction of primary hot isotopes and characteristic properties of the fragmenting source in heavy-ion reactions near the Fermi energy. Physical Review C, 2014, 90, .	2.9	18
16	Primary isotope yields and characteristic properties of the fragmenting source in heavy-ion reactions near the Fermi energy. Physical Review C, 2014, 90, .	2.9	20
17	Mass dependence of transverse flow in heavy ion collisions at intermediate energies. Physical Review C, 2014, 90, .	2.9	8