

Lei Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3340819/publications.pdf>

Version: 2024-02-01

10
papers

110
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	Back-n white neutron facility for nuclear data measurements at CSNS. Journal of Instrumentation, 2017, 12, P07022-P07022.	1.2	64
2	A multi-layered fast ionization chamber prototype for fission cross section measurements. Journal of Instrumentation, 2018, 13, P07020-P07020.	1.2	10
3	Measurement and analysis of thorium fission rate in a polyethylene shell with a D-T neutron source. Fusion Engineering and Design, 2016, 113, 177-182.	1.9	8
4	Criticality benchmarking of ENDF/B-â...\$0 and JEFF-3.3 neutron data libraries with RMC code. Nuclear Engineering and Technology, 2020, 52, 1917-1925.	2.3	8
5	Measurement of $^{232}\text{Th}(n,f)$ and $^{232}\text{Th}(n,\hat{1}^3)$ reaction rates in thorium powder cylinder bombarded with D-T neutrons. Journal of Nuclear Science and Technology, 2017, 54, 600-608.	1.3	6
6	Measurement and analysis of $^{232}\text{Th}(n,2n)^{231}\text{Th}$ reaction rate in the thorium oxide cylinder with a D-T neutron source. Annals of Nuclear Energy, 2018, 111, 660-665.	1.8	6
7	Experimental and simulative studies of thorium fission rates on thorium oxide/depleted uranium cylinders with D-T neutrons. Progress in Nuclear Energy, 2017, 99, 73-80.	2.9	3
8	Benchmark experiments on breeding properties of thorium. Fusion Engineering and Design, 2018, 131, 119-124.	1.9	3
9	Integral experiments on thorium assemblies with D-T neutron source. EPJ Web of Conferences, 2017, 146, 06022.	0.3	1
10	Determination of thorium fission rate based on ^{135}I in thorium oxide cylinder bombarded by D-T fusion neutrons. Annals of Nuclear Energy, 2018, 119, 264-270.	1.8	1