

Kai Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3046223/publications.pdf>

Version: 2024-02-01

15
papers

355
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of neutron-rich $N \approx 126$ nuclei in multinucleon transfer reactions: Comparison between $^{136}\text{Xe} + ^{198}\text{Pt}$ and $^{238}\text{U} + ^{198}\text{Pt}$ reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 815, 136101.	4.1	16
2	Monte-Carlo simulation of ion distributions in a gas cell for multinucleon transfer reaction products at LENSIAF spectrometer. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 463, 528-532.	1.4	0
3	Progress of quantum molecular dynamics model and its applications in heavy ion collisions. <i>Frontiers of Physics</i> , 2020, 15, 1.	5.0	32
4	Production of unknown neutron-rich isotopes in ^{238}U collisions at near-barrier energy. <i>Physical Review C</i> , 2016, 94, .	2.9	42
5	THE PRODUCTION PROBABILITY OF SUPERHEAVY FRAGMENTS AT DIFFERENT DEFORMATION AND ORIENTATION IN $^{238}\text{U} + ^{238}\text{U}$ REACTION. , 2016, , .		0
6	Production mechanism of neutron-rich transuranium nuclei in ^{238}U collisions	2.9	45
7	Fusion and quasi-fission dynamics in nearly-symmetric reactions. <i>Science China: Physics, Mechanics and Astronomy</i> , 2015, 58, 1.	5.1	9
8	Correlation between the fragmentation modes and light charged particles emission in heavy ion collisions. <i>Science China: Physics, Mechanics and Astronomy</i> , 2015, 58, 1.	5.1	6
9	Systematic study of ^{16}O -induced fusion	2.9	14
10	Production probability of superheavy fragments at various initial deformations and orientations in the ^{238}U collisions	2.9	25
11	Mechanism of ternary breakup in the reaction $^{197}\text{Au} + ^{197}\text{Au}$ at 15 A MeV. <i>Physical Review C</i> , 2010, 82, .	2.9	16
12	Quantum molecular dynamics study of the mass distribution of products in $^{7.0}\text{A MeV}$ ^{238}U collisions	2.9	25
13	Mass parameters for relative and neck collective motions in heavy ion fusion reactions. <i>Physical Review C</i> , 2009, 79, .	2.9	10
14	Fusion-fission reactions with a modified Woods-Saxon potential. <i>Physical Review C</i> , 2008, 77, .	2.9	48
15	Properties of the composite systems formed in the reactions of ^{238}U and ^{238}U	2.9	67