

Jun-Long Tian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6389311/publications.pdf>

Version: 2024-02-01

22
papers

461
citations

933447

10
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the fusion process with a modified Woods-Saxon potential in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Ar} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 40 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ -induced fusion reactions. Physical Review C, 2022, 105, .	2.9	1
2	On the stability of superheavy nuclei. European Physical Journal A, 2022, 58, 1.	2.5	10
3	Fission fragment mass yields of Th to Rf even-even nuclei *. Chinese Physics C, 2021, 45, 054109.	3.7	9
4	Potential energy surfaces and fission fragment mass yields of even-even superheavy nuclei *. Chinese Physics C, 2021, 45, 124108.	3.7	9
5	Effects of Copper Dopants on the Magnetic Property of Lightly Cu-Doped ZnO Nanocrystals. Nanomaterials, 2020, 10, 1578.	4.1	11
6	Progress of quantum molecular dynamics model and its applications in heavy ion collisions. Frontiers of Physics, 2020, 15, 1.	5.0	32
7	Mass yields of fission fragments of Pt to Ra isotopes. Physical Review C, 2020, 101, .	2.9	17
8	Periodic synchronization in a system of coupled phase oscillators with attractive and repulsive interactions. Frontiers of Physics, 2018, 13, 1. Multinucleon transfer in the $\langle \text{mml:math} \rangle$	5.0	9
9	$\langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Xe} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 136 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Pb} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 208 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ reaction. Physical Review C, 2016, 93, .	2.9	58
10	Dynamic Isovector Reorientation of Deuteron as a Probe to Nuclear Symmetry Energy. Physical Review Letters, 2015, 115, 212501.	7.8	13
11	Effect of Coulomb energy on the symmetry energy coefficients of finite nuclei. Physical Review C, 2014, 90, .	2.9	25
12	Improved Kelson-Garvey mass relations for proton-rich nuclei. Physical Review C, 2013, 87, .	2.9	42
13	Finite-size effects on fragmentation in heavy-ion collisions. Physical Review C, 2013, 87, .	2.9	15
14	Determination of the nucleon-nucleon interaction in the ImQMD model by nuclear reactions at the Fermi energy region. Chinese Physics C, 2013, 37, 114101.	3.7	4
15	DETERMINATION OF THE NUCLEON-NUCLEON INTERACTION IN THE ImQMD MODEL BY NUCLEAR REACTIONS AT FERMI ENERGY. , 2013, , .		0
16	Calculation of penetration probability across an arbitrary potential barrier in fusion reactions. Physical Review C, 2012, 85, .	2.9	6
17	Systematics of fusion probability in $\langle \text{mml:math} \rangle$ -fusion reactions. Physical Review C, 2011, 84, .	2.9	76
18	ANGULAR DISTRIBUTIONS OF FRAGMENTS PRODUCED IN TERNARY REACTION OF $^{197}\text{Au}+^{197}\text{Au}$ AT 15 A MeV. Modern Physics Letters A, 2011, 26, 449-460.	1.2	6

#	ARTICLE	IF	CITATIONS
19	DYNAMICAL MODES AND MECHANISMS IN TERNARY REACTION OF $^{197}\text{Au} + ^{197}\text{Au}$, 2011, .		0
20	PROBING THE EQUATION OF STATE BY DEEP SUB-BARRIER FUSION REACTIONS. , 2011, , .		0
21	Mechanism of ternary breakup in the reaction $\text{Au}^{197} + \text{Au}^{197}$ at 15 A MeV. Physical Review C, 2010, 82, .	2.9	16
22	Further development of the improved quantum molecular dynamics model and its application to fusion reactions near the barrier. Physical Review C, 2004, 69, .	2.9	102