

# Jun-Long Tian

## List of Publications by Year in descending order

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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	Further development of the improved quantum molecular dynamics model and its application to fusion reactions near the barrier. <i>Physical Review C</i> , 2004, 69, .	2.9	102
2	Systematics of fusion probability in $\alpha$ -fusion reactions. <i>Physical Review C</i> , 2011, 84, .	2.9	76
3	Multinucleon transfer in the $^{136}\text{Xe} + ^{208}\text{Pb}$ reaction. <i>Physical Review C</i> , 2016, 93, .	2.9	58
4	Improved Kelson-Garvey mass relations for proton-rich nuclei. <i>Physical Review C</i> , 2013, 87, .	2.9	42
5	Progress of quantum molecular dynamics model and its applications in heavy ion collisions. <i>Frontiers of Physics</i> , 2020, 15, 1.	5.0	32
6	Effect of Coulomb energy on the symmetry energy coefficients of finite nuclei. <i>Physical Review C</i> , 2014, 90, .	2.9	25
7	Mass yields of fission fragments of Pt to Ra isotopes. <i>Physical Review C</i> , 2020, 101, .	2.9	17
8	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
9	Finite-size effects on fragmentation in heavy-ion collisions. <i>Physical Review C</i> , 2013, 87, .	2.9	15
10	Dynamic Isovector Reorientation of Deuteron as a Probe to Nuclear Symmetry Energy. <i>Physical Review Letters</i> , 2015, 115, 212501.	7.8	13
11	Effects of Copper Dopants on the Magnetic Property of Lightly Cu-Doped ZnO Nanocrystals. <i>Nanomaterials</i> , 2020, 10, 1578.	4.1	11
12	On the stability of superheavy nuclei. <i>European Physical Journal A</i> , 2022, 58, 1.	2.5	10
13	Periodic synchronization in a system of coupled phase oscillators with attractive and repulsive interactions. <i>Frontiers of Physics</i> , 2018, 13, 1.	5.0	9
14	Fission fragment mass yields of Th to Rf even-even nuclei *. <i>Chinese Physics C</i> , 2021, 45, 054109.	3.7	9
15	Potential energy surfaces and fission fragment mass yields of even-even superheavy nuclei *. <i>Chinese Physics C</i> , 2021, 45, 124108.	3.7	9
16	ANGULAR DISTRIBUTIONS OF FRAGMENTS PRODUCED IN TERNARY REACTION OF $^{197}\text{Au} + ^{197}\text{Au}$ AT 15 A MeV. <i>Modern Physics Letters A</i> , 2011, 26, 449-460.	1.2	6
17	Calculation of penetration probability across an arbitrary potential barrier in fusion reactions. <i>Physical Review C</i> , 2012, 85, .	2.9	6
18	Determination of the nucleon-nucleon interaction in the ImQMD model by nuclear reactions at the Fermi energy region. <i>Chinese Physics C</i> , 2013, 37, 114101.	3.7	4

#	ARTICLE	IF	CITATIONS
19	Modeling the fusion process with a modified Woods-Saxon potential in $^{40}\text{Ar}$ -induced fusion reactions. Physical Review C, 2022, 105, .	2.9	1
20	DETERMINATION OF THE NUCLEON-NUCLEON INTERACTION IN THE ImQMD MODEL BY NUCLEAR REACTIONS AT FERMI ENERGY. , 2013, , .		0
21	DYNAMICAL MODES AND MECHANISMS IN TERNARY REACTION OF $^{197}\text{Au} + ^{197}\text{Au}$ . , 2011, , .		0
22	PROBING THE EQUATION OF STATE BY DEEP SUB-BARRIER FUSION REACTIONS. , 2011, , .		0