## **Zhao-Qing Feng**

List of Publications by Year in descending order

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687363 552781 33 658 13 26 citations g-index h-index papers 33 33 33 241 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Dark matter with chiral symmetry admixed with hadronic matterin compact stars *. Chinese Physics C, 2022, 46, 043101.	3.7	O
2	Hyperon dynamics and production of multi-strangeness hypernuclei in heavy-ion collisions at 3A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136849.	4.1	2
3	<pre><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ca</mml:mi><mml:none></mml:none><mml:mn>48</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Cm</mml:mi></mml:mmultiscripts></mml:mrow></mml:math></pre>	2.9	_
4	Dynamics of light hypernuclei in collisions of \$\$^{197}\$\$Au+\$\$^{197}\$\$Au at GeV energies. European Physical Journal A, 2021, 57, 1.	2.5	3
5	Systematics on production of superheavy nuclei $\$Z = 119-122\$\$$ in fusion-evaporation reactions. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	9
6	Systematics on the high-density nuclear equation of state from relativistic Hartree-Fock theory with Brown-Rho scaling. Physical Review C, 2021, $104$ , .	2.9	O
7	Production mechanism of proton-rich actinide isotopes in fusion reactions and via multinucleon transfer processes. Physical Review C, 2020, $102$ , .	2.9	3
8	Formation and dynamics of exotic hypernuclei in heavy-ion collisions. Physical Review C, 2020, 102, .	2.9	11
9	Multinucleon transfer dynamics in nearly symmetric nuclear reactions. Nuclear Science and Techniques/Hewuli, 2020, 31, 1.	3.4	7
10	Approaching the neutron-rich heavy and superheavy nuclei by multinucleon transfer reactions with radioactive isotopes. Physical Review C, 2020, 101, .	2.9	15
11	Strangeness production and hypernuclear formation in proton- and antiproton-induced reactions. Physical Review C, 2020, 101, .	2.9	2
12	Comparison of heavy-ion transport simulations: Collision integral with pions and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">i"</mml:mi></mml:math> resonances in a box. Physical Review C, 2019, 100, .	2.9	60
13	Nuclear dynamics and particle production near threshold energies in heavy-ion collisions. Nuclear Science and Techniques/Hewuli, 2018, 29, 1.	3.4	60
14	Effect of isospin diffusion on the production of neutron-rich nuclei in multinucleon transfer reactions. Physical Review C, 2018, 97, .	2.9	13
15	Nuclear dynamics in multinucleon transfer reactions near Coulomb barrier energies. Nuclear Science and Techniques/Hewuli, 2018, 29, 1.	3.4	9
16	Production of proton-rich nuclei around $Z=84-90$ in fusion-evaporation reactions. European Physical Journal A, 2017, 53, 1.	2.5	11
17	Preequilibrium particle emissions and in-medium effects on the pion production in heavy-ion collisions. European Physical Journal A, 2017, 53, 1.	2.5	9
18	In-medium and isospin effects on eta production in heavy-ion collisions near threshold energies. European Physical Journal A, 2017, 53, 1.	2.5	3

#	Article	IF	CITATIONS
19	Multinucleon transfer dynamics in heavy-ion collisions near Coulomb-barrier energies. Physical Review C, 2017, 96, .	2.9	10
20	A statistical approach to describe highly excited heavy and superheavy nuclei. Chinese Physics C, 2016, 40, 091002.	3.7	18
21	Nuclear in-medium effects on \$\$eta \$\$ Î∙ dynamics in proton–nucleus collisions. Nuclear Science and Techniques/Hewuli, 2016, 27, 1.	3.4	13
22	In-medium and isospin effects on particle production near threshold energies in heavy-ion collisions. Physical Review $C, 2015, 92, .$	2.9	19
23	Probing the momentum-dependent symmetry potential via nuclear collective flows. Physical Review C, 2015, 91, .	2.9	9
24	Nuclear in-medium effects of strange particles in proton-nucleus collisions. Physical Review C, 2014, 90, .	2.9	13
25	Particle production in antiproton-induced nuclear reactions. Physical Review C, 2014, 89, .	2.9	11
26	Orientation effects on evaporation residue cross sections in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ca</mml:mi><mml:mprescripts></mml:mprescripts><mml:none></mml:none><mml:mn>48</mml:mn></mml:mmultiscripts></mml:math> -induced hot fusion reactions. Physical	2.9	48
27	Review C, 2014, 90, .  Predictions of synthesizing element 119 and 120. Science China: Physics, Mechanics and Astronomy, 2011, 54, 61-66.	5.1	13
28	Influence of entrance channels on the formation of superheavy nuclei in massive fusion reactions. Nuclear Physics A, 2010, 836, 82-90.	1.5	14
29	PROBING THE SYMMETRY ENERGY AT SUPRA-SATURATION DENSITIES FROM PION EMISSION IN HEAVY-ION COLLISIONS, International Journal of Modern Physics E 2019, 19, 1686-169398/Math/MathML"	1.0	2
30	display="inline"> <mml:mrow><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>108</mml:mn><mml:mo> with<mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">U</mml:mi><mml:mprescripts></mml:mprescripts><mml:none< td=""><td>-–2.9</td><td>l:mo&gt;<mml:n 38</mml:n </td></mml:none<></mml:mmultiscripts></mml:math></mml:mo></mml:mrow>	-–2.9	l:mo> <mml:n 38</mml:n 
31	/> <mml:mrow><mml:mn>238</mml:mn></mml:mrow> , <mml:math xml Shell effect and capture cross sections in the synthesis of superheavy nuclei. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1489-1493.</mml:math 	0.2	3
32	Formation of superheavy nuclei in cold fusion reactions. Physical Review C, 2007, 76, .	2.9	124
33	Production cross sections of superheavy nuclei based on dinuclear system model. Nuclear Physics A, 2006, 771, 50-67.	1.5	105