

Zhao-Qing Feng

List of Publications by Year in descending order

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33
papers

658
citations

687363

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all docs

33
docs citations

33
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of superheavy nuclei in cold fusion reactions. <i>Physical Review C</i> , 2007, 76, .	2.9	124
2	Production cross sections of superheavy nuclei based on dinuclear system model. <i>Nuclear Physics A</i> , 2006, 771, 50-67.	1.5	105
3	Nuclear dynamics and particle production near threshold energies in heavy-ion collisions. <i>Nuclear Science and Techniques/Hewuli</i> , 2018, 29, 1.	3.4	60
4	Comparison of heavy-ion transport simulations: Collision integral with pions and ρ resonances in a box. <i>Physical Review C</i> , 2019, 100, .	2.9	60
5	Orientation effects on evaporation residue cross sections in $^{238}\text{U} + ^{238}\text{U}$ collisions. <i>Physical Review C</i> , 2019, 100, .	2.9	48
6	Production of new superheavy nuclei in $^{238}\text{U} + ^{238}\text{U}$ collisions. <i>Physical Review C</i> , 2019, 100, .	2.9	38
7	In-medium and isospin effects on particle production near threshold energies in heavy-ion collisions. <i>Physical Review C</i> , 2015, 92, .	2.9	19
8	A statistical approach to describe highly excited heavy and superheavy nuclei. <i>Chinese Physics C</i> , 2016, 40, 091002.	3.7	18
9	Approaching the neutron-rich heavy and superheavy nuclei by multinucleon transfer reactions with radioactive isotopes. <i>Physical Review C</i> , 2020, 101, .	2.9	15
10	Influence of entrance channels on the formation of superheavy nuclei in massive fusion reactions. <i>Nuclear Physics A</i> , 2010, 836, 82-90.	1.5	14
11	Predictions of synthesizing element 119 and 120. <i>Science China: Physics, Mechanics and Astronomy</i> , 2011, 54, 61-66.	5.1	13
12	Nuclear in-medium effects of strange particles in proton-nucleus collisions. <i>Physical Review C</i> , 2014, 90, .	2.9	13
13	Nuclear in-medium effects on η dynamics in proton-nucleus collisions. <i>Nuclear Science and Techniques/Hewuli</i> , 2016, 27, 1.	3.4	13
14	Effect of isospin diffusion on the production of neutron-rich nuclei in multinucleon transfer reactions. <i>Physical Review C</i> , 2018, 97, .	2.9	13
15	Particle production in antiproton-induced nuclear reactions. <i>Physical Review C</i> , 2014, 89, .	2.9	11
16	Production of proton-rich nuclei around $Z = 84-90$ in fusion-evaporation reactions. <i>European Physical Journal A</i> , 2017, 53, 1.	2.5	11
17	Formation and dynamics of exotic hypernuclei in heavy-ion collisions. <i>Physical Review C</i> , 2020, 102, .	2.9	11
18	Multinucleon transfer dynamics in heavy-ion collisions near Coulomb-barrier energies. <i>Physical Review C</i> , 2017, 96, .	2.9	10

#	ARTICLE	IF	CITATIONS
19	Probing the momentum-dependent symmetry potential via nuclear collective flows. <i>Physical Review C</i> , 2015, 91, .	2.9	9
20	Preequilibrium particle emissions and in-medium effects on the pion production in heavy-ion collisions. <i>European Physical Journal A</i> , 2017, 53, 1.	2.5	9
21	Nuclear dynamics in multinucleon transfer reactions near Coulomb barrier energies. <i>Nuclear Science and Techniques/Hewuli</i> , 2018, 29, 1.	3.4	9
22	Systematics on production of superheavy nuclei $Z = 119-122$ in fusion-evaporation reactions. <i>Nuclear Science and Techniques/Hewuli</i> , 2021, 32, 1.	3.4	9
23	Multinucleon transfer dynamics in nearly symmetric nuclear reactions. <i>Nuclear Science and Techniques/Hewuli</i> , 2020, 31, 1.	3.4	7
24	Shell effect and capture cross sections in the synthesis of superheavy nuclei. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2009, 52, 1489-1493.	0.2	3
25	In-medium and isospin effects on eta production in heavy-ion collisions near threshold energies. <i>European Physical Journal A</i> , 2017, 53, 1.	2.5	3
26	Production mechanism of proton-rich actinide isotopes in fusion reactions and via multinucleon transfer processes. <i>Physical Review C</i> , 2020, 102, .	2.9	3
27	Dynamics of light hypernuclei in collisions of $^{197}\text{Au} + ^{197}\text{Au}$ at GeV energies. <i>European Physical Journal A</i> , 2021, 57, 1.	2.5	3
28	PROBING THE SYMMETRY ENERGY AT SUPRA-SATURATION DENSITIES FROM PION EMISSION IN HEAVY-ION COLLISIONS. <i>International Journal of Modern Physics E</i> , 2010, 19, 1686-1693.	1.0	2
29	Strangeness production and hypernuclear formation in proton- and antiproton-induced reactions. <i>Physical Review C</i> , 2020, 101, .	2.9	2
30	Hyperon dynamics and production of multi-strangeness hypernuclei in heavy-ion collisions at 3A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 824, 136849.	4.1	2
31	Rare isotope formation in complete fusion and multinucleon transfer reactions in collisions of $^{48}\text{Ca} + ^{248}\text{Cm}$ near Coulomb	2.9	1
32	Systematics on the high-density nuclear equation of state from relativistic Hartree-Fock theory with Brown-Rho scaling. <i>Physical Review C</i> , 2021, 104, .	2.9	0
33	Dark matter with chiral symmetry admixed with hadronic matter in compact stars *. <i>Chinese Physics C</i> , 2022, 46, 043101.	3.7	0