

Dy Pang

List of Publications by Year in descending order

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95
papers

1,353
citations

361413

20
h-index

434195

31
g-index

95
all docs

95
docs citations

95
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Global optical model potential for $A < 3$ projectile. Physical Review C, 2009, 79, .	2.9	1
2	The 8He and 10He spectra studied in the $t + p \rightarrow \text{He} + \alpha$ reaction. Particle and High-Energy Physics, 2009, 672, 22-29.	4.0	0
3	NEW DETERMINATION OF THE $^{13}\text{C}(\alpha, n)^{16}\text{O}$ REACTION RATE AND ITS INFLUENCE ON THE s-PROCESS NUCLEOSYNTHESIS IN AGB STARS. Astrophysical Journal, 2012, 756, 193.	4.5	59
4	Are spectroscopic factors from transfer reactions consistent with asymptotic normalization coefficients?. Physical Review C, 2007, 75, .	2.9	50
5	Recoil proton tagged knockout reaction for 8He . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 46-51.	4.1	43
6	Elastic scattering of the proton drip-line nucleus ^8B off a ^{208}Pb target at 170.3 MeV. Physical Review C, 2013, 87, .	2.9	43
7	Toward a systematic nucleus-nucleus potential for peripheral collisions. Physical Review C, 2013, 87, .	2.9	41
8	Probing effect of tensor interactions in ^{16}O via (p, d) reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 277-281.	4.1	34
9	Scattering of the halo nucleus ^{11}Be from a lead target at 3.5 times the Coulomb barrier energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135942.	4.1	31
10	Application of the Bruyères Jeukenne-Lejeune-Mahaux model potential to composite nuclei with a single-folding approach. Physical Review C, 2011, 83, .	2.9	29
11	Systematic nonlocal optical model potential for nucleons. International Journal of Modern Physics E, 2015, 24, 1550006.	1.0	29
12	Elastic scattering of the proton drip line nuclei ^7Be and ^8B . Physical Review C, 2013, 87, .	2.9	28
13	Optical model potential for deuteron elastic scattering with ^{12}C and ^{16}O targets. Physical Review C, 2013, 87, .	2.9	27
14	Quasi-elastic scattering of ^{10}C and ^{11}C from ^{208}Pb . Physical Review C, 2013, 87, .	2.9	26
15	A new measurement of the intruder configuration in ^{12}Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 412-416.	4.1	26
16	Quasielastic scattering of ^6He on ^9Be at 25 MeV/nucleon. Physical Review C, 2005, 71, .	2.9	24
17	Astrophysical factors of $^{12}\text{C}(\alpha, n)^{15}\text{O}$ and $^{12}\text{C}(\alpha, p)^{13}\text{N}$ reactions. Physical Review C, 2013, 87, .	2.9	24
18	Quasielastic scattering of ^6He from ^{12}C . Physical Review C, 2005, 71, .	2.9	23

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19	Asymptotic normalization coefficients and spectroscopic factors from deuteron stripping reactions. <i>Physical Review C</i> , 2014, 90, .	2.9	21
20	Rapid convergence of the Weinberg expansion of the deuteron stripping amplitude. <i>Physical Review C</i> , 2013, 87, .	2.9	20
21	Elastic scattering and breakup of ^{11}Be on protons at 26.9A MeV. <i>Physical Review C</i> , 2016, 93, .	2.9	20
22	Experimental study of intruder components in light neutron-rich nuclei via single-nucleon transfer reaction. <i>Nuclear Science and Techniques/Hewuli</i> , 2020, 31, 1.	3.4	20
23	of ^{8}B and ^{12}C using one-neutron transfer reaction. <i>Physical Review C</i> , 2018, 98, .	2.9	19
24	Low-lying states in ^{12}C using one-neutron transfer reaction. <i>Physical Review C</i> , 2018, 98, .	2.9	19
25	\hat{I}^2 -decay of the neutron-rich nucleus ^{18}N . <i>Physical Review C</i> , 2005, 72, .	2.9	18
26	Observation of a new transition in the \hat{I}^2 -delayed neutron decay of ^{18}N . <i>Physical Review C</i> , 2007, 75, .	2.9	18
27	Dynamic polarization potential due to ^6Li breakup on ^{12}C . <i>Physical Review C</i> , 2011, 84, .	2.9	18
28	Spectroscopic factors for low-lying ^{16}N levels and the astrophysical ^{16}N levels and the	2.9	18
29	Elastic scattering and breakup of ^{11}Be on deuterons at 26.9A MeV. <i>Physical Review C</i> , 2016, 94, .	2.9	18
30	First proof-of-principle experiment with the post-accelerated isotope separator on-line beam at BRIF: measurement of the angular distribution of $^{23}\text{Na} + ^{40}\text{Ca}$ elastic scattering. <i>Nuclear Science and Techniques/Hewuli</i> , 2021, 32, 1.	3.4	18
31	Optical model potential of ^{16}O for ^{16}O and ^{16}O on ^{16}O and ^{16}O on ^{16}O .	2.9	17
32	Quadrupole deformation of ^{16}C studied by proton and deuteron inelastic scattering. <i>Physical Review C</i> , 2020, 101, .	2.9	17
33	Constraining the External Capture to the ^{16}O on ^{16}O at 238 MeV . <i>Physical Review</i>	2.9	17
34	Ground State and the ^{16}O on ^{16}O at 238 MeV . <i>Physical Review</i>	7.8	16
35	Spectroscopy of ^{18}Na : Bridging the two-proton radioactivity of ^{19}Mg . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 712, 198-202.	4.1	15
36	of unbound ^{16}O : Scaling of mirror asymmetry. <i>Physical</i>	2.9	14

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37	Energy-dependent optical model potentials for $\hat{1}\pm$ and deuteron with ^{12}C . Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 095101.	3.6	13
38	Effects of repulsive three-body force in $^{12}\text{C} + ^{12}\text{C}$ scattering at 100 A MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 1-6.	4.1	13
39	Proton-neutron asymmetry independence of reduced single-particle strengths derived from (p,d) reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 308-313.	4.1	13
40	Repulsive three-body force and channel-coupling effects via $^{12}\text{C}+^{12}\text{C}$ scattering at 100A MeV. Physical Review C, 2017, 95, .	2.9	12
41	High-spin states in ^{152}Gd . Physical Review C, 2005, 72, .	2.9	11
42	Study of the halo nucleus ^6He through the direct nuclear reactions. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1647-S1653.	3.6	11
43	Efficiency calibration of a large-area neutron detector by using Am/Be neutron source. IEEE Transactions on Nuclear Science, 2005, 52, 473-477.	2.0	11
44	Surface-integral formalism of deuteron stripping. Physical Review C, 2014, 90, .	2.9	10
45	Effects of nonlocality of nuclear potentials on direct capture reactions. Physical Review C, 2018, 97, .	2.9	10
46	Study and application of low pressure multi-wire proportional chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 515, 718-724.	1.6	9
47	Proton widths of the low-lying ^{16}F states from the $^{15}\text{N}(^7\text{Li},^6\text{Li})^{16}\text{N}$ reaction. Physical Review C, 2014, 89, .	2.9	9
48	Indirect methods in nuclear astrophysics. Journal of Physics: Conference Series, 2016, 703, 012007.	0.4	9
49	First experimental constraint of the spectroscopic amplitudes for the $\hat{1}\pm$ -cluster in the ^{11}B ground state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134820.	4.1	9
50	One-proton knockout from ^{16}C at around 240 MeV/nucleon. Physical Review C, 2019, 100, .	2.9	9
51	Experimental study of the elastic scattering of ^{10}Be on ^{208}Pb at the energy of around three times the Coulomb barrier *. Chinese Physics C, 2020, 44, 024001.	3.7	9
52	Quasi-elastic scattering of the proton drip line nucleus ^{17}F on ^{12}C at 60 MeV. European Physical Journal A, 2012, 48, 1.	2.5	8
53	A New Measurement of ^{11}Be (^1p , ^1d) Transfer Reaction. Chinese Physics Letters, 2018, 35, 082501.	3.3	8
54	Single-neutron removal from ^{14}C near 240 MeV/nucleon. Physical Review C, 2021, 104, .	2.9	8

#	ARTICLE	IF	CITATIONS
55	<p>Elastic scattering and breakup reactions of neutron-rich nucleus ^{11}Be on ^{208}Pb at 24.0 MeV. Physical Review C, 2012, 86, 024104.</p> <p>Proton spectroscopic factor of the ^{12}C ground state from the $^{12}\text{C} + ^{208}\text{Pb}$ scattering at around 240 MeV/nucleon. Physical Review C, 2019, 99, 024104.</p>	2.9	8
56	<p>-wave intruder strengths in ^{11}Be. Physics of Particles and Nuclei Letters, 2009, 6, 118-125.</p>	2.9	8
57	<p>Soft dipole mode in ^8He. Physics of Particles and Nuclei Letters, 2009, 6, 118-125.</p>	0.4	7
58	<p>Increase in S_L induced by channel coupling: The case of deuteron breakup. Physical Review C, 2012, 86, 024104.</p>	2.9	7
59	<p>New Measurements for ^8He Excited States. Chinese Physics Letters, 2012, 29, 082501.</p>	3.3	7
60	<p>^{7}Be, ^{8}B + ^{208}Pb Elastic Scattering at Above-Barrier Energies. Journal of Physics: Conference Series, 2013, 420, 012075.</p>	0.4	7
61	<p>Asymptotic normalization coefficients and radiative widths. Physical Review C, 2015, 92, 024104.</p>	2.9	7
62	<p>Systematic CDCC calculations for $^{11}\text{Be} + p$ elastic scattering. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.</p>	5.1	7
63	<p>Quenching of neutron spectroscopic factors of radioactive carbon isotopes with knockout reactions within a wide energy range. Chinese Physics C, 2017, 41, 054104.</p>	3.7	7
64	<p>Significant features of ^{8}B scattering from ^{208}Pb at 170.3 MeV. Physical Review C, 2013, 88, 024104.</p>	2.9	6
65	<p>Trojan horse method as an indirect approach to study resonant reactions in nuclear astrophysics. European Physical Journal A, 2020, 56, 1.</p>	2.5	6
66	<p>Effects of relativistic kinematics in heavy ion elastic scattering. Chinese Physics C, 2014, 38, 024104.</p>	3.7	5
67	<p>Two-neutron removal cross sections from ^{12}C ground state from the $^{12}\text{C} + ^{208}\text{Pb}$ scattering at around 240 MeV/nucleon. Physical Review C, 2019, 99, 024104.</p>	2.9	5
68	<p>Astrophysical SE2 factor of the $^{12}(\hat{1}\pm, \hat{1}^3)\text{O}^{16}$ reaction through the $^{12}(\text{B}11, \text{Li}7)\text{O}^{16}$ transfer reaction. Physical Review C, 2019, 99, 024104.</p>	2.9	5
69	<p>New investigation of low-lying states in ^{12}Be via a $^{12}\text{C} + ^{208}\text{Pb}$ scattering at around 240 MeV/nucleon. Physical Review C, 2019, 99, 024104.</p>	2.9	5
70	<p>Investigation of low-lying states in ^{12}Be via a $^{12}\text{C} + ^{208}\text{Pb}$ scattering at around 240 MeV/nucleon. Physical Review C, 2019, 99, 024104.</p>	2.9	5

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91	Study on the ${}^8\text{He}$ ground state via ${}^8\text{He}(p, d){}^7\text{He}$ and ${}^8\text{He}(p, t){}^6\text{He}$ reaction at 82.3 MeV/nucleon. Journal of Physics: Conference Series, 2013, 420, 012076.	0.4	0
92	Evidence of tensor interactions in ${}^{16}\text{O}$ observed via (p,d) reaction. EPJ Web of Conferences, 2014, 66, 02076.	0.3	0
93	Effect of tensor interactions in ${}^{16}\text{O}$ studied via (p,d) reaction. Journal of Physics: Conference Series, 2014, 569, 012066.	0.4	0
94	QUASI-ELASTIC SCATTERING OF THE PROTON DRIP LINE NUCLEUS ${}^{17}\text{F}$ ON ${}^{12}\text{C}$ AT 60 MeV. , 2013, , .		0
95	Effect of Tensor Interactions in ${}^{16}\text{O}$ Studied via (p,d) Reaction. , 2015, , .		0