

Dy Pang

List of Publications by Year in descending order

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95
papers

1,353
citations

361413

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h-index

434195

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95
all docs

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docs citations

95
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Quenching of single-particle strengths of carbon isotopes $^{9-12,14-20}\text{C}$ with knockout reactions for incident energies $43\text{--}2100\text{ MeV/nucleon}$. Chinese Physics C, 2022, 46, 064102. Elastic scattering and breakup reactions of neutron-rich nucleus ^{11}Be on ^{208}Pb at 210 MeV, Physical Review C, 2022, 105,	3.7	3
2	^{11}Be on ^{208}Pb at 210 MeV, Physical Review C, 2022, 105,	2.9	8
3	^{12}C via a $^{\text{H}}$		

#	ARTICLE	IF	CITATIONS
19	Extension of the ratio method to proton-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 105111.	3.6	1
20	One-proton knockout from ^{16}C at around 240 MeV/nucleon. Physical Review C, 2019, 100, .	2.9	9
21	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
22	Two-neutron removal cross sections from ^{15}C at around 240 MeV/nucleon. Physical Review C, 2019, 99, .	2.9	5
23	Precision measurement of the angular distribution for the $^{16}\text{O}(d, p)^{17}\text{O}$ transfer reaction to the ground state of ^{17}O . Nuclear Physics A, 2019, 986, 26-33.	1.5	4
24	Astrophysical SE2 factor of the $^{12}\text{C}(\hat{1}, \hat{1}^3)\text{O}^{16}$ reaction through the $^{12}\text{C}(\text{B}11, \text{Li}7)\text{O}^{16}$ transfer reaction. Physical Review C, 2019, 99, .	2.9	5
25	Energy dependence of the reduced single-particle strength for strongly-bound proton removal on ^{16}C . Physica Scripta, 2019, 94, 015302.	2.5	3
26	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
27	^{7}Be and ^{7}B reactions. Physical Review C, 2018, 98, .	2.9	28
28	Possible determination of high-lying single-particle components with $^{12}\text{C}(\text{p}, \text{d})^{11}\text{C}$ reactions. Physical Review C, 2018, 98, .	2.9	4
29	Analysis of total reaction cross sections for deuterons on 1p-shell-nuclei. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	1
30	A New Measurement of $^{11}\text{Be}(\text{p}, \text{d})$ Transfer Reaction. Chinese Physics Letters, 2018, 35, 082501.	3.3	8
31	Effects of nonlocality of nuclear potentials on direct capture reactions. Physical Review C, 2018, 97, .	2.9	10
32	Low-lying states in ^{12}Be using one-neutron transfer reaction. Physical Review C, 2018, 98, .	2.9	19
33	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
34	Quenching of neutron spectroscopic factors of radioactive carbon isotopes with knockout reactions within a wide energy range. Chinese Physics C, 2017, 41, 054104.	3.7	7
35	Indirect methods in nuclear astrophysics. Journal of Physics: Conference Series, 2016, 703, 012007.	0.4	9
36	Elastic scattering and breakup of ^{11}Be on deuterons at 26.9A MeV. Physical Review C, 2016, 94, .	2.9	18

#	ARTICLE	IF	CITATIONS
55	Elastic scattering of ^{10}C on ^{11}B off a ^{208}Pb target at 170.3 MeV. Physical Review C, 2013, 87, .	2.9	43
56	Asymptotic normalization coefficients and spectroscopic factors from deuteron stripping reactions. Physical Review C, 2014, 90, .	2.9	21
57	Notch Test for Radial Sensitivity on Neutron Density Distribution in ^{48}Ca Probed by $\hat{1}\pm$ -Particle Elastic Scattering. Chinese Physics Letters, 2014, 31, 052401.	3.3	2
58	Proton Spectroscopic Factors Deduced from Helium-3 Global Phenomenological and Microscopic Optical Model Potentials. Chinese Physics Letters, 2014, 31, 092103.	3.3	4
59	Surface-integral formalism of deuteron stripping. Physical Review C, 2014, 90, .	2.9	10
60	Effect of tensor interactions in ^{16}O studied via (p,d) reaction. Journal of Physics: Conference Series, 2014, 569, 012066.	0.4	0
61	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
62	Rapid convergence of the Weinberg expansion of the deuteron stripping amplitude. Physical Review C, 2013, 87, .	2.9	20
63	Elastic scattering of the proton drip-line nucleus ^{8}B off a ^{208}Pb target at 170.3 MeV. Physical Review C, 2013, 87, .	2.9	43
64	Toward a systematic nucleus-nucleus potential for peripheral collisions. Physical Review C, 2013, 87, .	2.9	41
65	^{7}Be , ^{8}B + ^{208}Pb Elastic Scattering at Above-Barrier Energies. Journal of Physics: Conference Series, 2013, 420, 012075.	0.4	7
66	Significant features of ^{8}B scattering from ^{208}Pb at 170.3 MeV. Physical Review C, 2013, 88, .	2.9	6
67	Study on the ^{8}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
68	QUASI-ELASTIC SCATTERING OF THE PROTON DRIP LINE NUCLEUS ^{17}F ON ^{12}C AT 60 MeV. , 2013, , .		0
69	Increase in SL induced by channel coupling: The case of deuteron breakup. Physical Review C, 2012, 86, .	2.9	7
70	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
71	Inelastic Scattering of ^{32}Mg at 190 MeV/Nucleon from a Thick Proton Target. Chinese Physics Letters, 2012, 29, 102301.	3.3	4
72	Indirect Measurement of Astrophysical $^{13}\text{C}(\hat{1}\pm, n)^{16}\text{O}$ S-Factors. Plasma Science and Technology, 2012, 14, 357-359.	1.5	0

#	ARTICLE	IF	CITATIONS
73	New Measurements for 8 He Excited States. Chinese Physics Letters, 2012, 29, 082501.	3.3	7
74	NEW DETERMINATION OF THE $^{13}\text{C}(\hat{n})^{16}\text{O}$ REACTION RATE AND ITS INFLUENCE ON THE s -PROCESS NUCLEOSYNTHESIS IN AGB STARS. Astrophysical Journal, 2012, 756, 193.	4.5	59
75	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
76	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
77	Spectroscopy of ^{18}Na : Bridging the two-proton radioactivity of ^{19}Mg . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 198-202.	4.1	15
78	Quasielastic scattering of ^6He on ^{12}C . Physical Review C, 2011, 84, .	2.9	23
79	Application of the Bruyaeres Jeukenne-Lejeune-Mahaux model potential to composite nuclei with a single-folding approach. Physical Review C, 2011, 83, .	2.9	29
80	Dynamic polarization potential due to ^6Li breakup on ^{12}C . Physical Review C, 2011, 84, .	2.9	18
81	SPECTROSCOPY OF THE UNBOUND NUCLEUS ^{18}Na . International Journal of Modern Physics E, 2011, 20, 971-975.	1.0	2
82	Global optical model potential for ^Ap on ^3He . Physical Review C, 2009, 79, .	2.9	1
83	The ^8He and ^{10}He spectra studied in the $^8\text{He} + ^{12}\text{C}$ system. Physical Review C, 2009, 79, .	2.9	1
84	Soft dipole mode in ^8He . Physics of Particles and Nuclei Letters, 2009, 6, 118-125.	0.4	7
85	Are spectroscopic factors from transfer reactions consistent with asymptotic normalization coefficients?. Physical Review C, 2007, 75, .	2.9	50
86	Observation of a new transition in the \hat{I}^2 -delayed neutron decay of ^{18}F . Physical Review C, 2007, 75, .	2.9	18
87	STUDY OF LIGHT UNSTABLE NUCLEI VIA DIRECT NUCLEAR REACTIONS. International Journal of Modern Physics E, 2006, 15, 1465-1470.	1.0	0
88	The timing performance of a two-dimensional position-sensitive silicon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 555, 266-269.	1.6	3
89	An updated data acquisition and analysis system at RIBLL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 543, 585-590.	1.6	1
90	\hat{I}^2 -decay of the neutron-rich nucleus ^{18}F . Physical Review C, 2005, 72, .	2.9	18

#	ARTICLE	IF	CITATIONS
91	Quasielastic scattering of ^6He on ^9Be at 25 MeV/nucleon. <i>Physical Review C</i> , 2005, 71, .	2.9	24
92	High-spin states in ^{152}Gd . <i>Physical Review C</i> , 2005, 72, .	2.9	11
93	Study of the halo nucleus ^6He through the direct nuclear reactions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1647-S1653.	3.6	11
94	Efficiency calibration of a large-area neutron detector by using Am/Be neutron source. <i>IEEE Transactions on Nuclear Science</i> , 2005, 52, 473-477.	2.0	11
95	Study and application of low pressure multi-wire proportional chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 515, 718-724.	1.6	9