

Jin Wu

List of Publications by Year in descending order

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75
papers

2,138
citations

257450

24
h-index

254184

43
g-index

75
all docs

75
docs citations

75
times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	Shell structure of the neutron-rich isotopes ^{69}Co , ^{71}Co , and ^{73}Co . Longitudinal Wobbling Motion in ^{69}Au . <i>Physical Review Letters</i> , 2020, 124, 052501.	2.9	10
2	decay half-lives of 55 neutron-rich isotopes beyond the shell gap. <i>Physical Review C</i> , 2020, 101.	7.8	37
3	Shape evolution of neutron-rich ^{106}Mo , ^{108}Mo , and ^{110}Mo . <i>Physical Review C</i> , 2020, 101.	2.9	16
4	Interplay of quasiparticle and vibrational excitations: First observation of isomeric states in ^{168}Dy and ^{169}Dy . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 799, 135036.	2.9	7
5	Improved Value for the Gamow-Teller Strength of the ^{100}Sn β -Decay. <i>Physical Review Letters</i> , 2019, 122, 222502.	4.1	8
6	Shell Evolution below ^{132}Sn : First Measurement of Low-Lying Improved Value for the Gamow-Teller Strength of the ^{100}Sn β -Decay. <i>Physical Review Letters</i> , 2019, 122, 222502.	7.8	17
7	Improved Value for the Gamow-Teller Strength of the ^{100}Sn β -Decay. <i>Physical Review Letters</i> , 2019, 122, 222502.	7.8	33
8	New isomers in ^{125}Pd and ^{127}Pd : Competing proton and neutron excitations in neutron-rich palladium nuclides towards the $N=82$ shell closure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 792, 263-268.	4.1	5
9	78Ni revealed as a doubly magic stronghold against nuclear deformation. <i>Nature</i> , 2019, 569, 53-58.	27.8	120
11	Prominence of Pairing in Inclusive ^{100}Sn β -Decay. <i>Physical Review Letters</i> , 2019, 122, 222502.		

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19	A New Measurement of ^{11}Be (p , d) Transfer Reaction. Chinese Physics Letters, 2018, 35, 082501.	3.3	8
20	\hat{I}^2 decays of the heaviest $N=Z+1$ nuclei and proton instability of $\text{In}97$. Physical Review C, 2018, 97, .	2.9	13
21	Is seniority a partial dynamic symmetry in the first $\hat{I}^2_{g9/2}$ shell?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 706-712.	4.1	21
22	Low-lying states in ^{12}Be using one-neutron transfer reaction. Physical Review C, 2018, 98, .	2.9	19
23	Strong coupling in the $N=40$ island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 392-396.	4.1	6
24	Isomer spectroscopy of neutron-rich $^{168}\text{Tb}103$. Radiation Physics and Chemistry, 2017, 140, 493-496.	2.8	2
25	\hat{I}^2 -Decay Half-Lives of Neutron-Rich ^{94}Cs . Physical Review C, 2017, 95, 044307.	2.9	68
26	Type II shell evolution in $A = 70$ isobars from the $N = 40$ island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 328-333.	4.1	33
27	\hat{I}^3 -decaying isomers and isomeric ratios in the ^{100}Sn region. Physical Review C, 2017, 96, .	2.9	20
28	Shell evolution beyond $Z = 28$ and $N = 50$: Spectroscopy of $^{81,82,83,84}\text{Zn}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 492-497.	4.1	29
29	\hat{I}^2 -ray spectroscopy of $A = 159$ midshell nuclei and the variation of K -forbidden	2.9	159
30	Simultaneous investigation of the $T = 1$ and $T = 0$ states in ^{159}Lu .		

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37	Nuclear structure and β -decay schemes for Te nuclides beyond shell evolution towards $N > 82$.	2.9	30
38	Low-Lying States in ^{78}Ni .	7.8	29
39	Isomer Spectroscopy of Neutron-rich $^{165,167}\text{Tb}$. Acta Physica Polonica B, 2017, 48, 601.	0.8	3
40	Proton-hole and core-excited states in the semi-magic nucleus ^{131}In . European Physical Journal A, 2016, 52, 1.	2.5	9
41	isomers of ^{158}Nd .	2.9	22
42	Elastic scattering and breakup of ^{11}Be on deuterons at 26.9A MeV. Physical Review C, 2016, 94, .	2.9	18
43	K-mixing in the doubly mid-shell nuclide ^{170}Dy and the role of vibrational degeneracy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 404-408.	4.1	20
44	Long-lived K isomer and enhanced β vibration in the neutron-rich nucleus ^{172}Dy : Collectivity beyond double midshell. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 641-646.	4.1	24
45	Revision and extension of the level scheme of ^{130}Cd .	2.9	17
46	New isomer found in $^{8951140}\text{Sb}$: Sphericity and shell evolution between $N=82$ and $N=90$. Physical Review C, 2016, 93, .	2.9	23
47	Low-lying excitations in ^{72}Ni . Physical Review C, 2016, 93, .	2.9	24
48	on protons at $^{26.9}\text{A}$.	2.9	20
49	rays emitted from excited states south-east of ^{132}Sn .	2.9	19
50	The experimental study of the knockout reaction mechanism using ^{14}O at 60 MeV/nucleon. Physical Review C, 2016, 93, .	2.9	8
51	New neutron-deficient isotopes from ^{78}Kr fragmentation. Physical Review C, 2016, 93, .	2.9	25
52	“Crossing the Drip Line in the Vicinity of ^{100}Sn ”.	7.8	33
53	Two-Proton Radioactivity of ^{67}Kr .	7.8	69
54	Decay spectroscopy of ^{160}Sm : The lightest four-quasiparticle K isomer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 182-186.	4.1	25

#	ARTICLE	IF	CITATIONS
55	First Results on the Excited States in ^{77}Cu . Acta Physica Polonica B, 2016, 47, 889.	0.8	2
56	Lifetime measurements of the first 2^+ states in $^{104,106}\text{Zr}$: Evolution of ground-state deformations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	4.1	17
57	Decay properties of $^{68,69,70}\text{Mn}$: Probing collectivity up to $N = 44$ in Fe isotopic chain. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 107-112.	2.9	20
58	β^2 decay of ^{129}Cd and excited states in ^{129}In . Physical Review C, 2015, 91, .	2.9	12
59	New decay scheme of the 85^{m}Sb isomer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	2.9	26
60	^{136}Xe near the neutron drip line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	7.8	77
61	Two-hole structure outside ^{136}Xe . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	2.9	18
62	Existence of a ^{13}Co isomer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	2.9	1
63	Isomers of Pm Isotopes on the Neutron-Rich Frontier of the Deformed $Z \sim 60$ Region. , 2015, , .	0.8	8
64	Gamma-ray Spectroscopy in the Vicinity of ^{108}Zr . Acta Physica Polonica B, 2015, 46, 721.	7.8	167
65	Decay Half-Lives of ^{110}Zr Neutron-Rich Nuclei across the Shell Gap: Implications for the Mechanism and Universality of the Astrophysical Isomer Decay Spectroscopy of ^{110}Zr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	7.8	50
66	^{164}Sm and ^{164}Gd . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	4.1	22
67	^{81}Cd . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	7.8	51
68	Proton-Hole State in ^{132}Sn . Physical Review Letters, 2014, 112, .	7.8	75
69	Seniority Isomers of ^{132}Sn . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	7.8	24
70	^{132}Sn . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	7.8	103
71	Decay Half-Lives of ^{132}Sn . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 448-452.	1.4	121
72	Installation and commissioning of EURICA $\hat{=}$ Euroball-RIKEN Cluster Array. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 649-652.		

#	ARTICLE	IF	CITATIONS
73	^{128}Pd Evidence for a Robust Shell Closure at $Z=28$.	7.8	67
74	Shape evolution in $^{116,118}\text{Ru}$: Triaxiality and transition between the $O(6)$ and $U(5)$ dynamical symmetries. Physical Review C, 2013, 88, .	2.9	21
75	Effect of thermal pretreatment on electron irradiation induced defects in hydrogen-grown silicon. Applied Physics Letters, 1987, 50, 1355-1357.	3.3	3