Jin Wu

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Decay Half-Lives of 110 Neutron-Rich Nuclei across the N = 82 Shell Gap: Implications for the Mechanism and Universality of the Astrophysical	7.8	167
2	Installation and commissioning of EURICA â€“ Euroball-RIKEN Cluster Array. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 649-652.	1.4	121
3	78Ni revealed as a doubly magic stronghold against nuclear deformation. Nature, 2019, 569, 53-58.	27.8	120
4	-Decay Half-Lives of	7.8	103
5	of Inversion towards	7.8	77
6	Isomers of	7.8	75
7	Physical Review Letters, 2014, 113, 132502.	7.8	69
8	-Decay Half-Lives of Neutron-Rich	7.8	68
9	Persistence of the	7.8	67
10	Gap Around	7.8	62
11		4.1	52
12	State in	7.8	51
13		7.8	50
14	Longitudinal Wobbling Motion in	7.8	37
15		7.8	33
16	Type II shell evolution in A = 70 isobars from the N â‰¥ 40 island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 328-333.	4.1	33
17		7.8	33
18	Nuclear structure and -decay schemes for Te nuclides beyond	2.9	30

#	Article	IF	Citations
19	Shell evolution beyond Z = 28 and N = 50: Spectroscopy of 81,82,83,84 Zn. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 492-497.	4.1	29
20	Shell Evolution towards <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ni</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>78</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> : Low-Lying States in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Cu</mml:mi></mml:mrow><mml:mprescripts	7.8	29
21	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>-delayed<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math>-ray spectroscopy of non-yrast states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mtext>Te</mml:mtext><mml:mprescripts /><mml:none /><mml:mn>138</mml:mn></mml:mmultiscripts></mml:math>near the neutron drip line. P	2.9	26
22	A new measurement of the intruder configuration in 12Be. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 412-416.	4.1	26
23	New neutron-deficient isotopes fromKr78fragmentation. Physical Review C, 2016, 93, .	2.9	25
24	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
25	Observation of New Neutron-rich Isotopes among Fission Fragments from In-flight Fission of 345 MeV/nucleon ²³⁸U: Search for New Isotopes Conducted Concurrently with Decay Measurement Campaigns. Journal of the Physical Society of Japan, 2018, 87, 014203.	1.6	25
26	Monopole-Driven Shell Evolution below the Doubly Magic Nucleus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Sn</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>132</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Explored with the Long-Lived Isomer in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	7.8	24
27	Long-lived K isomer and enhanced Î³ vibration in the neutron-rich nucleus 172Dy: Collectivity beyond double midshell. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 641-646.	4.1	24
28	Low-lying excitations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>72</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2016, 93, .	2.9	24
29	New isomer found inSb8951140: Sphericity and shell evolution betweenN=82andN=90. Physical Review C, 2016, 93, .	2.9	23
30	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -decay half-lives of 55 neutron-rich isotopes beyond the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>82</mml:m shell gap. Physical Review C, 2020, 101, .	2.9	23
31	Identification of a millisecond isomeric state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">Cd</mml:mi></mml:mrow><mml:mrow><mml:mn>81</mml:mn></mml:mrow><mml:none /><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>129</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>via the detectio	4.1	22
32	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î¼</mml:mi><mml:mi mathvariant="normal">s</mml:mi></mml:mrow></mml:math> isomers of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Nd</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>158</mml:mn><mml:mo>,</mml:mo><mml:mn>160</mml:mn></mml:mrow></mml:mmultiscripts></mml:m	2.9	22
33	Discovery of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Rb</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>72</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> : A Nuclear Sandbank Beyond the Proton Drip Line. Physical Review Letters, 2017, 119, 192503.	7.8	22
34	Shape evolution in116,118Ru: Triaxiality and transition between the O(6) and U(5) dynamical symmetries. Physical Review C, 2013, 88, .	2.9	21
35	Observation of new neutron-rich Mn, Fe, Co, Ni, and Cu isotopes in the vicinity of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>78</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2017, 95, .	2.9	21
36	Is seniority a partial dynamic symmetry in the first Î½g9/2 shell?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 706-712.	4.1	21

#	Article	IF	Citations
37	Î²decay ofCd129and excited states inIn129. Physical Review C, 2015, 91, .	2.9	20
38	K-mixing in the doubly mid-shell nuclide 170Dy and the role of vibrational degeneracy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 404-408.	4.1	20
39	Elastic scattering and breakup of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>11</mml:mn></mml:mmultiscripts></mml:math>on protons at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>26.9</mml:mn><mml:mi>A</mml:mi></mml:mrow></	2.9	20
40	Properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -decaying isomers and isomeric ratios in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>100</mml:mn></mml:mmultiscripts></mml:math> region. Physical Review C, 2017, 96, .	2.9	20
41	Inelastic scattering of neutron-rich Ni and Zn isotopes off a proton target. Physical Review C, 2018, 97, .	2.9	20
42	First observation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math>rays emitted from excited states south-east of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>132</mml:mn></mml:mmultiscripts></mml:math>: The<mml:math	2.9	19
43	Low-lying states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>12</mml:mn></mml:mmultiscripts></mml:math> using one-neutron transfer	2.9	19
44	New and comprehensive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> - and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î²</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:m -decay spectroscopy results in the vicinity of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts	2.9	19
45	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>78</mml:mn></mml:mmultiscripts></mml:math>: Existence of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î¼</mml:mi><mml:mi mathvariant="normal">s</mml:mi></mml:math>isomer of<mml:math	2.9	18
46	Elastic scattering and breakup of Be11 on deuterons at 26.9A MeV. Physical Review C, 2016, 94, .	2.9	18
47	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>-decay scheme of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>140</mml:mn></mml:mmultiscripts></mml:math>to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mrow><mml:mi	2.9	18
48	Decay properties of 68,69,70 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.	4.1	17
49	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay of semi-magic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Cd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>130</mml:mn></mml:mmultiscripts></mml:math>: Revision and extension of the level scheme of<mml:math	2.9	17
50	Proton Shell Evolution below <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Sn</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>132</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> : First Measurement of Low-Lying <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>134</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> -Ray Spectroscopy	7.8	17
51	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>-decay spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:mo>=</mml:mo><mml:mn>159</mml:mn></ midshell nuclei and the variation of <mml:math	2.9	15
52	Simultaneous investigation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>K</mml:mi></mml:math> -forbidden xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>T</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:mr and <mml:math		

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55	New decay scheme of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sb</mml:mi><mml:mn>85</mml:mn><mml:none /><mml:mprescripts /><mml:mn>51</mml:mn><mml:mn>136</mml:mn></mml:mmultiscripts><mml:mi>Â</mml:mi><mml:msup><mml:mn>6</mml:mn>	2.9	12
56	Nuclear structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts></mml:math> from the (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.9	11
57	Shell structure of the neutron-rich isotopes <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Co</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>69</mml:mn><mml:mo>,</mml:mo><mml:mn>71</mml:mn><mml:mo>,</mml:mo><mml:mn>73</mml:mn></mml:m	2.9	10
58	Proton-hole and core-excited states in the semi-magic nucleus 131In82. European Physical Journal A, 2016, 52, 1.	2.5	9
59	Toward the limit of nuclear binding on the N=Z line: Spectroscopy of Cd96. Physical Review C, 2019, 99, .	2.9	9
60	Gamma-ray Spectroscopy in the Vicinity of ^{108}Zr. Acta Physica Polonica B, 2015, 46, 721.	0.8	8
61	Experimental study of the knockout reaction mechanism using<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mtext>O</mml:mtext><mml:mprescripts /><mml:none /><mml:mn>14</mml:mn></mml:mmultiscripts></mml:math>at 60 MeV/nucleon. Physical Review C, 2016, 93, .	2.9	8
62	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>K</mml:mi></mml:math> selection in the decay of the <mml:math		

#	Article	IF	Citations
73	First Results on the Excited States in ^{77}Cu. Acta Physica Polonica B, 2016, 47, 889.	0.8	2
74	Isomers of Pm Isotopes on the Neutron-Rich Frontier of the Deformed Z ~ 60 Region. , 2015, , .		1
75	Beta-gamma spectroscopy of the neutron-rich 150Ba. Progress of Theoretical and Experimental Physics, 2018, 2018, .	6.6	1