Alfredo Poves

List of Publications by Year
in descending order

197 papers	10,392 citations	28274 55 h-index	34986 98 g-index
198 all docs	198 docs citations	198 times ranked	2523 citing authors

#	Article	IF	Citations
1	The shell model as a unified view of nuclear structure. Reviews of Modern Physics, 2005, 77, 427-488.	45.6	1,018
2	Disassembling the nuclear matrix elements of the neutrinoless Î²Î² decay. Nuclear Physics A, 2009, 818, 139-151.	1.5	390
3	Theoretical spectroscopy and the fp shell. Physics Reports, 1981, 70, 235-314.	25.6	366
4	Shell model study of the isobaric chains A=50, A=51 and A=52. Nuclear Physics A, 2001, 694, 157-198.	1.5	350
5	Collapse of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>28</mml:mn></mml:math>Shell Closure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">S</mml:mi><mml:mprescripts /><mml:none /><mml:mn>42</mml:mn></mml:mmultiscripts><mml:mi mathvariant="normal">I</mml:mi></mml:math>. Physical Review Letters, 2007, 99, 022503.	7.8	262
6	Fullpfshell model study ofA=48 nuclei. Physical Review C, 1994, 50, 225-236.	2.9	240
7	N2868i40: Magicity versus Superfluidity. Physical Review Letters, 2002, 88, 092501.	7.8	236
8	Influence of Pairing on the Nuclear Matrix Elements of the Neutrinoless<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi><mml:mi>Î²</mml:mi></mml:math>Decays. Physical Review Letters, 2008, 100, 052503.	7.8	234
9	EffectivegAin thepfshell. Physical Review C, 1996, 53, R2602-R2605.	2.9	220
10	Island of inversion around<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Cr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>64</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2010, 82, .	2.9	218
11	Shell Model Studies of the Double Beta Decays of76Ge,82Se, and136Xe. Physical Review Letters, 1996, 77, 1954-1957.	7.8	189
12	New effective interaction for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>0</mml:mn><mml:mi mathvariant="bold-italic">â„</mml:mi><mml:mi>Ï‰</mml:mi></mml:mrow></mml:math>shell-model calculations in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="italic">sd</mml:mi><mml:mtext>â€“</mml:mtext><mml:mi mathvariant="italic">pf</mml:mi>	2.9	177
13	Full 0Aâ„ω shell model calculation of the binding energies of the1f7/2nuclei. Physical Review C, 1999, 59, 2033-2039.	2.9	166
14	The onset of deformation at the N = 20 neutron shell closure far from stability. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 184, 311-315.	4.1	162
15	Shell model study of the neutron rich isotopes from oxygen to silicon. Physical Review C, 1998, 58, 2033-2040.	2.9	161
16	Beta decay of the new isotopesK52,Ca52, andSc52; a test of the shell model far from stability. Physical Review C, 1985, 31, 2226-2237.	2.9	154
17	Shell model study of the neutron-rich nuclei aroundN=28. Physical Review C, 1997, 55, 1266-1274.	2.9	153
18	Spherical shell model description of rotational motion. Physical Review C, 1995, 52, R1741-R1745.	2.9	143

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19	Superdeformation in theN=ZNucleus36Ar: Experimental, Deformed Mean Field, and Spherical Shell Model Descriptions. Physical Review Letters, 2000, 85, 2693-2696.	7.8	143
20	Rotational Bands in the Doubly Magic NucleusN56i. Physical Review Letters, 1999, 82, 3763-3766.	7.8	139
21	Intrinsic vs Laboratory Frame Description of the Deformed Nucleus48Cr. Physical Review Letters, 1995, 75, 2466-2469.	7.8	137
22	Observation of Isomeric Decays in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>r</mml:mi></mml:math>-Process Waiting-Point Nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Cd</mml:mi><mml:mn>82</mml:mn><mml:none /><mml:mprescripts /><mml:none /><mml:mn>130</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2007, 99, 132501.	7.8	135
23	Isobaric Multiplet Yrast Energies and Isospin Nonconserving Forces. Physical Review Letters, 2002, 89, 142502.	7.8	129
24	Merging of the islands of inversion at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>20</mml:mn></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>28</mml:mn></mml:m Physical Review C, 2014, 90, .	2.9	128
25	Fullpfshell study ofA=47andA=49nuclei. Physical Review C, 1997, 55, 187-205.	2.9	123
26	78Ni revealed as a doubly magic stronghold against nuclear deformation. Nature, 2019, 569, 53-58.	27.8	120
27	Pairing and the structure of the pf-shell Nâˆ¼Z nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 430, 203-208.	4.1	119
28	Large-scale shell model calculations for exotic nuclei. European Physical Journal A, 2002, 15, 145-150.	2.5	119
29	New region of deformation in the neutron-rich 60 24Cr36 and 62 24Cr38. European Physical Journal A, 2003, 16, 55-61.	2.5	116
30	Neutrinoless Double-Beta Decay. Advances in High Energy Physics, 2012, 2012, 1-38.	1.1	112
31	Onset of collectivity in neutron-rich Fe isotopes: Toward a new island of inversion?. Physical Review C, 2010, 81, .	2.9	109
32	Shell Model description of the Î²Î² decay of 136Xe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 62-64.	4.1	106
33	A full description of the 2Î½Î²Î² decay of 48Ca. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 13-17.	4.1	103
34	Theoretical study of the very neutron-rich nuclei around N = 20. Nuclear Physics A, 1994, 571, 221-241.	1.5	97
35	Shape Coexistence in <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> as the Portal to the Fifth Island of Inversion. Physical Review Letters, 2016, 117, 272501.	7.8	97
36	Beta decay ofNa31,32andMg31: Study of theN=20 shell closure. Physical Review C, 1993, 47, 2502-2516.	2.9	82

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37	Quadrupole Collectivity in Neutron-Rich Fe and Cr Isotopes. Physical Review Letters, 2013, 110, 242701.	7.8	77
38	Coulomb Energy Differences inT=1Mirror Rotational Bands inF50eandC50r. Physical Review Letters, 2001, 87, 122501.	7.8	76
39	Shell model studies of neutron-rich nuclei. Nuclear Physics A, 2001, 693, 374-382.	1.5	75
40	Magnetic dipole response in nuclei at the N=28 shell closure: a new look. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 443, 1-6.	4.1	73
41	Nuclear-structure aspects of the neutrinoless Î²Î² -decays. European Physical Journal A, 2008, 36, 195-200.	2.5	73
42	Coexistence of spherical states with deformed and superdeformed bands in doubly magicCa40: A shell-model challenge. Physical Review C, 2007, 75, .	2.9	72
43	Lifetimes of superdeformed rotational states in36Ar. Physical Review C, 2001, 63, .	2.9	71
44	Binding Energy of <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 /><mml:none /><mml:mrow><mml:mn>79</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> : Probing the Structure of the Doubly Magic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Cu</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>78</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>	7.8	70
45	Probing the Structure of the Doubly Magic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>78</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> : Binding Energy of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Cu</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>79</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>neutrinoless<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi>Î²</mml:mi><mml:mo>-</mml:mo></mml:msup></mml:mrow></mml:math>decay. P	2.9	69
46	34Si: A new doubly magic nucleus?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 228, 458-462.	4.1	67
47	Unveiling the Intruder Deformed<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mn>0</mml:mn><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:msubsup></mml:math> in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Si</mml:mi><mml:mprescripts /><mml:none /><mml:mn>34</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2012, 109, 032502.	7.8	66
48	Nilsson-SU3 self-consistency in heavy <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:mn></mml:mrow></mml:math> nuclei. Physical Review C, 2015, 92, .	2.9	63
49	Shell model study of the neutrinoless double beta decays. Nuclear Physics A, 1999, 654, 973c-976c.	1.5	62
50	Spectroscopy of odd-mass cobalt isotopes toward the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>40</mml:mn></mml:mrow></mml:math>subshell closure and shell-model description of spherical and deformed states. Physical Review C, 2012, 85, .	2.9	61
51	Beta-decay to the proton halo state in 17F. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 25-30.	4.1	60
52	Backbending inCr50. Physical Review C, 1996, 54, R2150-R2154.	2.9	56
53	Elucidating halo structure byÎ²decay:Î²Î³from the11Li decay. Physical Review C, 1997, 55, R8-R11.	2.9	56
54	Missing and Quenched Gamow-Teller Strength. Physical Review Letters, 1995, 74, 1517-1520.	7.8	55

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55	Structure of Neutron-Rich Ar Isotopes Beyond<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>28</mml:mn></mml:math>. Physical Review Letters, 2008, 101, 032501.	7.8	55
56	Mirror and valence symmetries at the centre of the f7/2 shell. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 437, 243-248.	4.1	54
57	The shell closure; from to the neutron drip line. Nuclear Physics A, 2004, 742, 14-26.	1.5	54
58	Collectivity in the light xenon isotopes: A shell model study. Physical Review C, 2010, 82, .	2.9	52
59	Intermediate-energy Coulomb excitation of58,60,62Cr: The onset of collectivity towardN=40. Physical Review C, 2012, 86, .	2.9	51
60	Sense and sensitivity of double beta decay experiments. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 007-007.	5.4	50
61	Structure and Stability of3HeDroplets. Physical Review Letters, 1997, 78, 4729-4732.	7.8	49
62	New structure information on 30Mg, 31Mg and 32Mg. European Physical Journal A, 2005, 25, 105-109.	2.5	49
63	Experimental Study of the Two-Body Spin-Orbit Force in Nuclei. Physical Review Letters, 2014, 112, 042502.	7.8	46
64	High-spin states in the odd-oddN=Znucleus50Mn. Physical Review C, 1998, 58, R2621-R2625.	2.9	45
65	Band termination in theN=Zodd-odd nucleus46V. Physical Review C, 1999, 60, .	2.9	43
66	Discovery of a new isomeric state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>68</mml:mn></mml:msup></mml:math>Ni: Evidence for a highly deformed proton intruder state. Physical Review C, 2012, 85, .	2.9	43
67	Spherical and deformed high-spin states in38Ar. Physical Review C, 2002, 65, .	2.9	40
68	Ground-state electromagnetic moments of calcium isotopes. Physical Review C, 2015, 91, .	2.9	40
69	Advanced density matrix renormalization group method for nuclear structure calculations. Physical Review C, 2015, 92, .	2.9	39
70	Limits on assigning a shape to a nucleus. Physical Review C, 2020, 101, .	2.9	38
71	Shell Model Description of the Decay Out of the Superdeformed Band ofA36r. Physical Review Letters, 2005, 95, 042502.	7.8	37
72	Gamow-Teller strength inFe54andFe56. Physical Review C, 1995, 52, R1736-R1740.	2.9	34

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73	Mirror symmetry at high spin in51Feand51Mn. Physical Review C, 2000, 62, .	2.9	34
74	Anomalous Coulomb matrix elements in thef7/2shell. Physical Review C, 2003, 68, .	2.9	34
75	Î² decay ofMg31: Extending the â€œisland of inversionâ€• Physical Review C, 2005, 72, .	2.9	34
76	The 49K beta decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 109, 419-422.	4.1	33
77	The neutron-rich edge of the nuclear landscape: Experiment and theory.. Progress in Particle and Nuclear Physics, 2021, 120, 103866.	14.4	33
78	Shell evolution of Nâ€¯=â€¯40 isotones towards 60Ca: First spectroscopy of 62Ti. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135071.	4.1	32
79	Correlations and neutrinoless<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î²</mml:mi><mml:mi>Î²</mml:mi></mml:mrow></mml:m nuclear matrix elements of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>f</mml:mi></mml:mrow></mml:ma nuclei. Physical Review C, 2014, 90, .	2.9	30
80	Quasiconfigurations and the theory of effective interactions. Physics Reports, 1981, 71, 141-207.	25.6	28
81	Lifetimes in the middle of shell: cross-conjugated nuclei 47V and 49Cr. Nuclear Physics A, 2001, 693, 517-532.	1.5	28
82	Shape study of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mi>Z</mml:mi> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mtext>Kr</mml:mtext><mml:mprescripts /><mml:none /><mml:mn>72</mml:mn></mml:mmultiscripts></mml:math>via<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay. Physical Review C, 2016, 93, .	2.9	28
83	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>30</mml:mn></mml:mmultiscripts></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mn>36</mml:mn></mml:mmultiscripts></mml:math>at intermediate energies. Physical Review C, 2016, 93, .	2.9	28
84	Double-beta decay of 48Ca revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 1-4.	4.1	27
85	Shell Model Monte Carlo Method for Two-Neutrino Double Beta Decay. Physical Review Letters, 1996, 76, 2642-2645.	7.8	27
86	Positive-parity rotational bands in odd-Apf-shell nuclei: A shell model description. Physical Review C, 1998, 58, 179-183.	2.9	27
87	Isotope shifts and coulomb displacement energies in calcium isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 96, 15-18.	4.1	26
88	The<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mn>30</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>t</mml:mi><mml:mo>,</mml:mo><mml:mi>p</mml:mi> /><mml:none /><mml:mn>32</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>â€œpuzzleâ€• reexamined. Physical Review C, 2016, 94, .	2.9	26
89	Beta decay ofNa30: Experiment and theory. Physical Review C, 1989, 39, 626-635.	2.9	25
90	Î²Î² DECAY AND NUCLEAR STRUCTURE. International Journal of Modern Physics E, 2007, 16, 552-560.	1.0	24

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91	Configuration mixing and the coulomb energy anomaly. Nuclear Physics A, 1977, 293, 397-409.	1.5	22
92	Hartree-Fock shell model structure of Li and Be isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 1-4.	4.1	22
93	Rotational band structure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mn>32</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2016, 93, .	2.9	22
94	1+ Excitations in light nuclei: SU(3) versus realistic shell model results. Nuclear Physics A, 1990, 511, 221-250.	1.5	21
95	High-Kband of unnatural parity in49Cr. Physical Review C, 1999, 60, .	2.9	20
96	Bands and Coulomb effects in50Cr. Physical Review C, 2002, 66, .	2.9	19
97	Systematic study of proton-neutron pairing correlations in the nuclear shell model. Physical Review C, 2011, 84, .	2.9	19
98	Intruder configurations in the ground state of 30Ne. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 58-62.	4.1	19
99	Search for shape-coexisting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mn>0</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math> states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>66</mml:mn></mml:mmultiscripts></mml:math> from lifetime measurements. Physical Review C, 2017, 95, .	2.9	19
100	Spectroscopy ofSc52,53. Physical Review C, 2009, 79, .	2.9	18
101	Occupation numbers of spherical orbits in self-consistent beyond-mean-field methods. Physical Review C, 2016, 93, .	2.9	18
102	Quasiconfigurations: An approach to effective forces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1979, 82, 319-324.	4.1	17
103	Study of neutron rich neon isotopes. Zeitschrift FÃ¼r Physik A, 1992, 342, 303-307.	0.9	17
104	48V:An experimental and theoretical paradigm in the middle of the1f7/2shell. Physical Review C, 2002, 66, .	2.9	17
105	Band terminations in the nucleus46Ti. Physical Review C, 2003, 67, .	2.9	17
106	Identification of the crossing point at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>21</mml:mn></mml:mrow></mml:math> between normal and intruder configurations. Physical Review C, 2017, 95, .	2.9	17
107	Search for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Î²</mml:mi><mml:mo>â^'</mml:mo></mml:msup></mml:math>decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>65</mml:mn></mml:msup></mml:math>Mn to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>65</mml:mn></mml:msup></mml:math>Fe. Physical Review C, 2016, 93, .	2.9	16
108	Hindered Gamow-Teller Decay to the Odd-Odd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mi>Z</mml:mi></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ga</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>62</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></	7.8	16

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109	Observation of a crossover of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>S</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> the island of inversion from precision mass spectrometry. Physical Review C, 2015, 92, .	2.9	16
110	An isospin projected Hartree-Fock description of proton and neutron radii. Nuclear Physics A, 1982, 385, 407-429.	1.5	15
111	In-beam spectroscopic studies of the44S nucleus. Physical Review C, 2012, 85, .	2.9	15
112	Charge-exchange reactions on double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decaying nuclei populating<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>J</mml:mi><mml:mi>Ï€</mml:mi></mml:msup></mml:mrow></mml:math> Physical Review C, 2017, 95, .	2.9	15
113	The nuclear shell model toward the drip lines. Physica Scripta, 2012, T150, 014030.	2.5	14
114	High-spin level structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>35</mml:mn></mml:msup><mml:mi>S</mml:mi></mml:math>. Physical Review C, 2014, 89, .	2.9	14
115	Shape coexistence: the shell model view. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 024010.	3.6	14
116	Re-examining the transition into the N = 20 island of inversion: Structure of 30Mg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 124-129.	4.1	14
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122	Precision mass measurements of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Fe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>67</mml:mn></mml:mmultiscripts></mml:math> and <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>70</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>	2.9	13
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131	[illegible] <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ar</mml:mi><mml:mprescripts /><mml:none /><mml:mn>34</mml:mn></mml:mmultiscripts></mml:math> populated in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>Î²</mml:mi><mml:mo>â^’</mml:mo></mml:msup></mml:math> In-beam <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -ray spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Cr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>62</mml:mn><mml:mo>,</mml:mo><mml:mn>64</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>	2.9	11
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158	Shell model analysis of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi><mml:mo>(</mml:mo><mml:mi>E</mml:mi> values in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:mo>=</mml:mo><mml:mn>70</mml:mn> Physical Review C, 2021, 104, .	2.9	5
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