

Andres Gadea

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	AGATA—Advanced GAMMA Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 668, 26-58. Search for the Pygmy Dipole Resonance in	0.7	378
2	$\text{Ni} \text{ at } \text{MeV}$	2.9	229
3	Quasifission processes in $\text{Ca}_{40} + \text{Sm}_{144}$ reactions. Physical Review C, 2007, 75, .	1.1	150
4	Evidence for a spin-aligned neutron—proton paired phase from the level structure of ^{92}Pd . Nature, 2011, 469, 68-71.	13.7	140
5	Shell effects in fission and quasi-fission of heavy and superheavy nuclei. Nuclear Physics A, 2004, 734, 136-147.	0.6	132
6	Transition Probabilities in ^{134}Pr : A Test for Chirality in Nuclear Systems. Physical Review Letters, 2006, 96, 052501.	2.9	124
7	Sub-barrier fusion of the magic nuclei $^{40}\text{Ca} + ^{48}\text{Ca}$. Physical Review C, 2001, 65, .	1.1	120
8	Fusion of $\text{Ca}_{48} + \text{Zr}_{90}$ above and below the Coulomb barrier. Physical Review C, 2006, 73, .	1.1	119
9	Conceptual design and infrastructure for the installation of the first AGATA sub-array at LNL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 88-96.	0.7	117
10	Multinucleon transfer reactions in closed-shell nuclei. Physical Review C, 2007, 76, .	1.1	116
11	Onset of collectivity in neutron-rich Fe isotopes: Toward a new island of inversion?. Physical Review C, 2010, 81, .	1.1	109
12	Coupling a CLOVER detector array with the PRISMA magnetic spectrometer. European Physical Journal A, 2003, 20, 193-197.	1.0	106
13	A ^4He light-charged particle Si detector as a trigger device for in-beam ^3He -ray spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 97-102.	0.7	97
14	Sub-barrier fusion of $^{40}\text{Ca} + ^{48}\text{Ca}$	1.1	97
15	Sub-barrier fusion of $^{64}\text{Ni} + ^{64}\text{Ni}$	1.1	94
16	Multinucleon transfer processes in $\text{Ca}_{40} + \text{Pb}_{208}$. Physical Review C, 2005, 71, .	1.1	93
17	Delayed alignment in the $N = Z$ nucleus ^{72}Kr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 217-222.	1.5	83
18	Single and pair neutron transfers at sub-barrier energies. Physical Review C, 2011, 84, .	1.1	81

#	ARTICLE	IF	CITATIONS
19	Measurements of the Neutron-Rich $N=30$ Isotones ^{50}Ca . <i>Physical Review Letters</i> , 2001, 87, 122501.	2.9	78
20	Conceptual design and Monte Carlo simulations of the AGATA array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 621, 331-343.	0.7	77
21	Coulomb Energy Differences in $T=1$ Mirror Rotational Bands in $^{50}\text{eand}^{50}\text{r}$. <i>Physical Review Letters</i> , 2001, 87, 122501.	2.9	76
22	Candidate chiral twin bands in the odd-odd nucleus ^{132}Cs : Exploring the limits of chirality in the mass $A \approx 130$ region. <i>Physical Review C</i> , 2003, 68, .	1.1	76
23	Precise DSAM lifetime measurements in ^{48}Cr and ^{50}Cr as a test of large scale shell model calculations. <i>Nuclear Physics A</i> , 1998, 642, 387-406.	0.6	71
24	Observation of a core-excited $E4$ isomer in ^{98}Cd . <i>Physical Review C</i> , 2004, 69, .	1.1	71
25	Fusion suppression in mass-asymmetric reactions leading to Ra compound nuclei. <i>Physical Review C</i> , 2003, 68, .	1.1	70
26	Magnetic rotation in the ^{105}Sn nucleus. <i>Physical Review C</i> , 1997, 55, R1-R4.	1.1	69
27	Pulse pileup correction of large NaI(Tl) total absorption spectra using the true pulse shape. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999, 430, 488-497.	0.7	67
28	Unusual Isospin-Breaking and Isospin-Mixing Effects in the $A=35$ Mirror Nuclei. <i>Physical Review Letters</i> , 2004, 92, 132502.	2.9	65
29	Conceptual design of the AGATA array at GANIL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 855, 1-12.	0.7	64
30	Stability of the $N=50$ shell gap in the neutron-rich Rb, Br, Se, and Ge isotones. <i>Physical Review C</i> , 2004, 70, .	1.1	62
31	Question of dynamic chirality in nuclei: The case of ^{134}Pr . <i>Physical Review C</i> , 2007, 76, .	1.1	62
32	The large-area micro-channel plate entrance detector of the heavy-ion magnetic spectrometer PRISMA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005, 547, 455-463.	0.7	61
33	Spectroscopy of odd-mass cobalt isotopes toward the $N=40$ subshell closure and shell-model description of spherical and deformed states. <i>Physical Review C</i> , 2012, 85, .	1.1	61
34	Monte Carlo simulation of the response of a large NaI(Tl) total absorption spectrometer for \hat{I}^2 -decay studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999, 430, 333-347.	0.7	60
35	Inelastic Scattering of ^{208}Pb via ^{208}Pb . <i>Physical Review C</i> , 2003, 67, .	2.9	59
36	Unexpected entrance-channel effect in the fission of $^{216}\text{Ra}^*$. <i>Physical Review C</i> , 2003, 67, .	1.1	58

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37	Effective Charges in the fp Shell. Physical Review Letters, 2004, 93, 222501.	2.9	58
38	Pygmy dipole resonance in ^{124}Sn populated by inelastic scattering of ^{17}O . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 519-523.	1.5	57
39	β^2 decay of ^{97}Ag : Evidence for the Gamow-Teller resonance near ^{100}Sn . Physical Review C, 1999, 60, .	1.1	56
40	β^3 spectroscopy of calcium nuclei around doubly magic ^{48}Ca using heavy-ion transfer reactions. Physical Review C, 2012, 85, .	1.1	56
41	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. Physical Review Letters, 2012, 109, 162502.	2.9	56
42	Light and heavy transfer products in $^{136}\text{Xe} + ^{238}\text{U}$ multinucleon transfer reactions. Physical Review Letters, 2014, 112, 112501.	2.9	56
43	The focal plane detector of the magnetic spectrometer PRISMA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 551, 364-374.	0.7	54
44	Shape transitions far from stability: The nucleus ^{58}Cr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 696-700.	1.5	54
45	Response function of the magnetic spectrometer PRISMA. European Physical Journal A, 2011, 47, 1.	1.0	54
46	First Evidence of Magnetic Rotation in the $A=80$ Region. Physical Review Letters, 1999, 82, 4408-4411.	2.9	53
47	Interplay between single-particle and collective excitations in argon isotopes populated by transfer reactions. Physical Review C, 2011, 84, 044307.	1.1	53
48	Proton-Hole State in ^{132}Sn . Physical Review Letters, 2014, 112, 112501.	2.9	51
49	Collective nature of low-lying excitations in ^{70}Zn and ^{72}Zn . Physical Review Letters, 2014, 112, 112501.	1.1	50
50	Glial transporters for glutamate, glycine, and GABA III. Glycine transporters. Journal of Neuroscience Research, 2001, 64, 218-222.	1.3	48
51	Lifetime measurements of excited states in neutron-rich ^{44}Ar and ^{46}Ar . Physical Review C, 2010, 82, 044307.	1.1	48
52	Probing the nature of particle-core couplings in ^{49}Ca with β^3 spectroscopy and heavy-ion transfer reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 288-293.	1.5	48
53	Emission of unbound ^8Be and $^{12}\text{C}^*(0+2)$ clusters in compound nucleus reactions. European Physical Journal A, 2005, 23, 19-31.	1.0	47
54	Spectroscopy of neutron-rich ^{59}Mn and ^{63}Mn . Physical Review C, 2008, 78, .	1.1	47

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55	Particle octupole-vibration coupling near 208Pb. European Physical Journal A, 2000, 8, 161.	1.0	46
56	Position resolution of the prototype AGATA triple-cluster detector from an in-beam experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 555-562.	0.7	46
57	High-spin states in the odd-odd $N=Z$ nucleus ^{50}Mn . Physical Review C, 1998, 58, R2621-R2625.	1.1	45
58	STRUCTURE OF NEUTRON-RICH NUCLEI FROM DEEP-INELASTIC REACTIONS. International Journal of Modern Physics E, 2004, 13, 123-126.	0.4	45
59	Evidence for Nontermination of Rotational Bands in ^{74}Kr . Physical Review Letters, 2005, 95, 232501.	2.9	44
60	Interaction position resolution simulations and in-beam measurements of the AGATA HPGe detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 638, 96-109.	0.7	44
61	Band termination in the $N=Z$ odd-odd nucleus ^{46}V . Physical Review C, 1999, 60, .	1.1	43
62	Backbending region study in $^{160,162}\text{Dy}$ using incomplete fusion reactions. Physical Review C, 2002, 66, .	1.1	43
63	Discovery of a new isomeric state in ^{68}Ni : Evidence for a highly deformed proton intruder state. Physical Review C, 2012, 85, .	1.1	43
64	Decay of a narrow and high spin $^{24}\text{Mg}+^{24}\text{Mg}$ resonance. Nuclear Physics A, 2008, 801, 1-20.	0.6	42
65	Excited states in ^{52}Fe and the origin of the yrast trap at $I^\pi=12^+$. Physical Review C, 1998, 58, 3163-3170.	1.1	41
66	Coherent proton-neutron contribution to octupole correlations in the neutron-deficient ^{114}Xe nucleus. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 93-102.	1.5	41
67	Observation of ^{54}Ni : Cross-Conjugate Symmetry in $7/2$ Mirror Energy Differences. Physical Review Letters, 2006, 97, 152501.	2.9	41
68	Production of very neutron-deficient isotopes near Sn via reactions involving light-particle and cluster emission. Nuclear Physics A, 2000, 669, 43-50.	0.6	40
69	Coulomb energy differences between isobaric analogue states in ^{70}Br and ^{70}Se . European Physical Journal A, 2001, 12, 51-55.	1.0	40
70	Isospin mixing in the $N=Z$ nucleus ^{64}Ge . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 56-62.	1.5	40
71	Digital pulse-shape analysis with a TRACE early silicon prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 241-246.	0.7	40
72	Excitation functions for $^{208}\text{Fr}^{211}$ produced in the $^{18}\text{O}+^{197}\text{Au}$ fusion reaction. Physical Review C, 2005, 71, .	1.1	39

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73	clean transfer reactions in the $^{40}\text{Ar} + ^{208}\text{Pb}$ system. Physical Review Letters, 2000, 85, 2454-2457.	1.1	39
74	Superdeformed and Triaxial States in ^{42}Ca . Physical Review Letters, 2016, 117, 062501.	2.9	39
75	Band termination and second backbending in ^{50}Cr . Physical Review C, 1997, 56, 1313-1319.	1.1	38
76	β^2 decay of ^{98}Ag : Evidence for the Gamow-Teller resonance near ^{100}Sn . Physical Review C, 2000, 62, .	1.1	37
77	Survey of $E1$ transitions in the mass $A \approx 46$ region. Physical Review C, 2004, 69, .	1.1	36
78	Fusion-evaporation cross-sections for $^{48}\text{Ca} + ^{154}\text{Sm}$ near the Coulomb barrier. European Physical Journal A, 2005, 23, 473-480.	1.0	36
79	Test of the critical point symmetry $X(5)$ in the mass $A = 180$ region. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1427-S1432.	1.4	36
80	Structure of high-spin states in ^{89}Sr and ^{90}Sr . Physical Review C, 2001, 63, .	1.1	35
81	Excited bands and signature dependent electromagnetic decay properties in neutron-rich $^{159,161,163}\text{Dy}$. Physical Review C, 2003, 67, .	1.1	35
82	First measurement of beta decay half-lives in neutron-rich Tl and Bi isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 293-297.	1.5	34
83	NEDA – NEutron Detector Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 81-86.	0.7	34
84	Signature Inversion Caused by Triaxiality and Unpaired Band Crossings in ^{72}r . Physical Review Letters, 2000, 85, 2454-2457.	2.9	33
85	Nonyrast states in the odd-odd $N=Z$ nucleus ^{62}Ga . Physical Review C, 2004, 69, .	1.1	33
86	Investigation of lifetimes in dipole bands of ^{142}Gd . European Physical Journal A, 2005, 23, 191-196.	1.0	33
87	states in ^{90}Zr . Physical Review Letters, 2000, 85, 2454-2457.	1.1	33
88	Development of magnetic rotation in light Gd nuclei; study of ^{142}Gd . European Physical Journal A, 2002, 13, 297-305.	1.0	32
89	Yrast isomers in ^{95}Ag , ^{95}Pd , and ^{94}Pd . Physical Review C, 2003, 67, .	1.1	32
90	Four-quasiparticle alignments in ^{66}Ge . Physical Review C, 2003, 67, .	1.1	32

#	ARTICLE	IF	CITATIONS
91	Investigation of lifetimes in dipole bands of ^{141}Eu . European Physical Journal A, 2004, 21, 1-6.	1.0	32
92	β -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	1.1	32
93	Physics opportunities with the Advanced Gamma Tracking Array: AGATA. European Physical Journal A, 2020, 56, 1.	1.0	32
94	β decays of neutron-rich ^{120}Sn isotopes. Physical Review C, 2014, 89, .	1.1	31
95	Boundary of the Island of Deformat. Physical Review Letters, 2017, 118, 162501.	2.9	31
96	Observation of the $N=Z=44$ nucleus. Physical Review C, 2001, 63, .	1.1	30
97	Monte Carlo simulation of a single detector unit for the neutron detector array NEDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 673, 64-72.	0.7	30
98	Delayed alignments in the $N=Z$ nuclei ^{84}Mo and ^{88}Ru . Physical Review C, 2002, 65, .	1.1	29
99	Study of the neutron-rich nucleus ^{36}Si . Physical Review C, 2006, 74, .	1.1	29
100	Spectroscopy of neutron-rich ^{168}Dy isotopes. Physical Review C, 2006, 74, .	1.1	29
101	Structure of chlorine isotopes populated by heavy ion transfer reactions. Physical Review C, 2013, 87, .	1.1	29
102	Simulation of light collection in scintillators with rough surfaces. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 350, 184-191.	0.7	28
103	Lifetimes in the middle of shell: cross-conjugated nuclei ^{47}V and ^{49}Cr . Nuclear Physics A, 2001, 693, 517-532.	0.6	28
104	Excited states in ^{103}Sn : Neutron single-particle energies with respect to ^{100}Sn . Physical Review C, 2001, 63, .	1.1	28
105	Yrast band evolution close to the $N=Z$ line. Physical Review C, 2008, 77, .	1.1	28
106	Decay Out of the Yrast and Excited Highly Deformed Bands in the Even-Even Nucleus ^{134}Nd . Physical Review Letters, 1996, 77, 239-242.	2.9	27
107	The population of deformed bands in ^{48}Cr by emission of ^8Be from the $^{32}\text{S} + ^{24}\text{Mg}$ reaction. Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1405-1420.	1.4	27
108	Shape coexistence at high spin in the $N=Z=2$ nucleus ^{70}Se . Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 2617-2625.	1.4	27

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109	Fine structure of the Gamow-Teller resonance revealed in the decay of ^{150}Ho isomer. Physical Review C, 2003, 68, .	1.1	27
110	High spin structure of ^{34}S and the proton-neutron coupling of intruder states. Physical Review C, 2005, 71, .	1.1	27
111	High spin structure and intruder configurations in ^{31}P . Physical Review C, 2006, 73, .	1.1	27
112	β -ray spectroscopy of the neutron-rich nuclei ^{89}Rb and ^{92}Y . Physical Review C, 2006, 73, .	1.1	27
113	Spectroscopy in the second well of the ^{148}Gd nucleus: Two quasiparticle and collective excitations. Physical Review C, 1996, 53, 679-688.	1.1	26
114	Emission of intermediate mass fragments using β -spectroscopic techniques. Physical Review C, 1998, 57, R457-R461.	1.1	26
115	Fragment spin as a function of the mass asymmetry in heavy ion induced fission reactions. Physical Review C, 1999, 60, .	1.1	26
116	Coexistence of Superdeformed Shapes in ^{154}r . Physical Review Letters, 2001, 87, .	2.9	26
117	Coherent Contributions to Isospin Mixing in the Mirror Pair ^{67}As and ^{67}Ge . Physical Review Letters, 2001, 87, .	2.9	26
118	Shell evolution beyond ^{70}Zn . Physical Review Letters, 2015, 91, .	1.1	26
119	Very high rotational frequencies and band termination in ^{73}Br . Physical Review C, 2000, 62, .	1.1	25
120	Gamow-Teller strength distribution near ^{100}Sn . The beta decay of ^{102}In . Nuclear Physics A, 2003, 724, 313-332.	0.6	25
121	Binary reaction decays from $^{24}\text{Mg} + ^{12}\text{C}$. Physical Review C, 2009, 80, .	1.1	25
122	Multitude of 2^+ states in ^{124}Sn observed via the $^{124}\text{Sn}(\alpha, n)^{127}\text{Sb}$ reaction. Physical Review C, 2012, 85, .	1.1	25

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127	Pygmy dipole resonance in ^{127}Tl . <i>Physical Review C</i> , 2016, 93, 044307. doi:10.1103/PhysRevC.93.044307	1.1	24
128	Search for pairing-vibration states of even Ca isotopes in $^{40}\text{Ca} + ^{208}\text{Pb}$ transfer reactions. <i>European Physical Journal A</i> , 2004, 21, 87-91.	1.1	24
129	Pulse pile-up identification and reconstruction for liquid scintillator based neutron detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 897, 59-65.	0.7	24
130	Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus ^{88}Ru . <i>Physical Review Letters</i> , 2020, 124, 062501.	2.9	24
131	$^{\hat{3}}\text{S}$ Spectroscopy of ^{209}Pb with deep inelastic reactions. <i>European Physical Journal A</i> , 1998, 1, 261-266.	1.0	23
132	Decay-out of the yrast superdeformed band in ^{136}Nd : Towards an experimental extraction of the neutron pairing gap at large deformation. <i>Physical Review C</i> , 1999, 60, .	1.1	23
133	Pronounced shape change induced by quasiparticle alignment. <i>Physical Review C</i> , 2000, 61, .	1.1	23
134	Search for pairing-vibration states of even Ca isotopes in $^{40}\text{Ca} + ^{208}\text{Pb}$ transfer reactions. <i>European Physical Journal A</i> , 2004, 21, 87-91.	1.0	23
135	Shape evolution in the neutron-rich cesium isotopes. Prompt $^{\hat{3}}\text{S}$ spectroscopy of ^{196}Os . <i>Physical Review C</i> , 2014, 89, 044307.	1.1	23
136	Test of digital neutron γ discrimination with four different photomultiplier tubes for the NEutron Detector Array (NEDA). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 767, 83-91.	0.7	23
137	Conceptual design of the early implementation of the NEutron Detector Array (NEDA) with AGATA. <i>European Physical Journal A</i> , 2016, 52, 1.	1.0	23
138	The 4π highly-efficient light-charged-particle detector EUCLIDES, installed at the GALILEO array for in-beam $^{\hat{3}}\text{S}$ -ray spectroscopy. <i>European Physical Journal A</i> , 2019, 55, 1.	1.0	23
139	First measurement of $\hat{2}$ -decay properties of the proton drip-line nucleus ^{60}Ga . <i>European Physical Journal A</i> , 2001, 12, 269-277.	1.0	22
140	Lifetime study of particle-hole excitations in the semimagic nucleus ^{93}Tc . <i>Physical Review C</i> , 2003, 68, .	1.1	22
141	High-spin states in the nuclei ^{91}Y and ^{95}Nb . <i>Physical Review C</i> , 2005, 71, .	1.1	22
142	Structure of the As, Ge, Ga nuclei. <i>Nuclear Physics A</i> , 2012, 893, 1-12.	0.6	22
143	Identification of a millisecond isomeric state in ^{81}Cd . <i>Physical Review Letters</i> , 2014, 113, 082501.	1.5	22
144	On the Road to FAIR: 1st Operation of AGATA in PreSPEC at GSI. EPJ Web of Conferences, 2014, 66, 02083.	0.1	22

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145	Quádrupole collectivity in ^{60}Sn probed via ^{116}Sn γ -ray spectroscopy of ^{60}Sn γ -ray array at the Legnaro National Laboratories. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1015, 165753.	1.1	22
146	Ca γ -ray array at the Legnaro National Laboratories. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1015, 165753.	1.1	22
147	Structure of high spin states in ^{104}Sn : E2 and E3 polarization of the ^{100}Sn core. Physical Review C, 1998, 58, 108-115.	1.1	21
148	High-spin states in ^{208}Pb . European Physical Journal A, 2001, 10, 259-265.	1.0	21
149	Fusion hindrance and quasi-fission in ^{48}Ca induced reactions. European Physical Journal A, 2005, 25, 615-618.	1.0	21
150	Investigation of lifetimes in the dipole band of ^{139}Sm . European Physical Journal A, 2008, 37, 279-286.	1.0	21
151	Lifetime measurements of neutron-rich nuclei around ^{48}Ca with the CLARA-PRISMA setup. European Physical Journal A, 2009, 42, 387.	1.0	21
152	The GALILEO ^{13}C -ray array at the Legnaro National Laboratories. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1015, 165753.	0.7	21
153	Rotational quenching of the $N = 72$ shell gap and the role of the intruder orbital in ^{132}Nd . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 223-230.	1.5	20
154	High-K band of unnatural parity in ^{49}Cr . Physical Review C, 1999, 60, .	1.1	20
155	Rotational bands in neutron-rich $^{160,161,162}\text{Ho}$. European Physical Journal A, 2004, 21, 67-74.	1.0	20
156	Octupole-deformed molecular bands in ^{21}Ne . European Physical Journal A, 2005, 26, 321-326.	1.0	20
157	^{13}C -ray spectroscopy of neutron-rich ^{40}S . Physical Review C, 2010, 81, .	1.1	20
158	Elastic, inelastic, and one-nucleon transfer processes in $^{48}\text{Ca}+^{64}\text{Ni}$. Physical Review C, 2011, 84, .	1.1	20
159	\hat{I}^2 decay of ^{129}Cd and excited states in ^{129}In . Physical Review C, 2015, 91, .	1.1	20
160	Pseudospin Symmetry and Microscopic Origin of Shape Coexistence in the ^{110}Ni Region: A Hint from Lifetime Measurements. Physical Review Letters, 2018, 121, 192502.	2.9	20
161	Evolution of collectivity along the $N=Z$ line: The ^{84}Mo nucleus. Physical Review C, 1997, 56, 2497-2501.	1.1	19
162	$T=0$ pairing correlations and band crossing phenomena in $N=Z$ nuclei. Nuclear Physics A, 1998, 630, 426-433.	0.6	19

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163	Lifetime measurements of highly deformed bands in $^{134,135}\text{Nd}$ and ^{131}Ce . <i>Physical Review C</i> , 1998, 57, R10-R14.	1.1	19
164	High-spin structure and electromagnetic transition strengths in ^{104}Cd . <i>Physical Review C</i> , 2001, 64, .	1.1	19
165	Bands and Coulomb effects in ^{50}Cr . <i>Physical Review C</i> , 2002, 66, .	1.1	19
166	Planar and aplanar tilted bands in the odd-odd nucleus ^{132}Cs . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2003, 29, 2763-2775.	1.4	19
167	Response of AGATA segmented HPGe detectors to gamma rays up to 15.1 MeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 705, 47-54.	0.7	19
168	Digital pulse-timing technique for the neutron detector array NEDA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 775, 71-76.	0.7	19
169	rays emitted from excited states south-east of ^{132}Sn . <i>Physical Review C</i> , 2013, 87, .	1.1	19
170	High-spin structure of the spherical nucleus ^{90}Y . <i>Physical Review C</i> , 2002, 65, .	1.1	18
171	PRISMA - a magnetic spectrometer for heavy ions at LNL. <i>Nuclear Physics A</i> , 2004, 734, E1-E4.	0.6	18
172	New $\frac{1}{4}s$ isomers in the neutron-rich ^{210}Hg nucleus. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 292-296.	1.5	18
173	γ -ray linear polarization measurements and ^{132}Sn alignment in ^{132}Sn . <i>Physical Review C</i> , 2013, 87, .	1.1	18
174	The GT resonance revealed in \hat{I}^2+ -decay using new experimental techniques. <i>Nuclear Physics A</i> , 1999, 654, 727c-730c.	0.6	17
175	Determination of the Gamow-Teller strength function for the neutron-deficient isotopes ^{104}In – ^{107}In . <i>Nuclear Physics A</i> , 2001, 690, 367-381.	0.6	17
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