

# Gilles de France

## List of Publications by Year in descending order

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271  
papers

6,118  
citations

87723

38  
h-index

95083

68  
g-index

272  
all docs

272  
docs citations

272  
times ranked

2164  
citing authors

#	ARTICLE	IF	CITATIONS
1	AGATAâ€”Advanced GAMMA Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 668, 26-58.	0.7	378
2	The Clover: a new generation of composite Ge detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 432, 90-110.	0.7	304
3	Pathway for the Production of Neutron-Rich Isotopes around the $N=126$ Shell Closure. Physical Review Letters, 2015, 115, 172503.	2.9	187
4	Shape coexistence in neutron-deficient krypton isotopes. Physical Review C, 2007, 75, .	1.1	157
5	The decay of proton-rich nuclei in the mass region. Nuclear Physics A, 2007, 792, 18-86.	0.6	152
6	Superaligned Gamowâ€”Teller decay of the doubly magic nucleus $^{100}\text{Sn}$ . Nature, 2012, 486, 341-345.	13.7	147
7	New Shape Isomer in the Self-Conjugate Nucleus $^{72}\text{r}$ . Physical Review Letters, 2003, 90, 082502.	2.9	145
8	Evidence for a spin-aligned neutronâ€”proton paired phase from the level structure of $^{92}\text{Pd}$ . Nature, 2011, 469, 68-71.	13.7	140
9	Calibration of the new composite â€œcloverâ€”detector as a Compton polarimeter for the EUROGAM array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 362, 556-560.	0.7	134
10	$\tilde{I}^{\pi}=4$ bifurcation in a superdeformed band: Evidence for $\alpha$ symmetry. Physical Review Letters, 1993, 71, 4299-4302.	2.9	122
11	Single step links of the superdeformed band in $^{194}\text{Pb}$ : a measure of the absolute excitation energy, spin and parity of the superdeformed states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 18-23.	1.5	109
12	Modern Rutherford Experiment: Tunneling of the Most Neutron-Rich Nucleus. Physical Review Letters, 2009, 103, 232701.	2.9	109
13	Onset of collectivity in neutron-rich Fe isotopes: Toward a new island of inversion?. Physical Review C, 2010, 81, .	1.1	109
14	Direct and compound reactions induced by unstable helium beams near the Coulomb barrier. Physical Review C, 2004, 70, .	1.1	108
15	Discovery of Doubly Magic $^{48}\text{Ni}$ . Physical Review Letters, 2000, 84, 1116-1119.	2.9	105
16	$^{208}\text{Pb}$ Transfer With the Borromean Nucleus $^{11}\text{Li}$	2.9	95
17	Spectroscopy and single-particle structure of the odd- $Z$ heavy elements $^{255}\text{Lr}$ , $^{251}\text{Md}$ and $^{247}\text{Es}$ . European Physical Journal A, 2006, 30, 397-411.	1.0	87
18	Quantum Calculation of the Dipole Excitation in Fusion Reactions. Physical Review Letters, 2001, 86, 2971-2974.	2.9	86

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19	Low-lying isomeric levels in $^{67}\text{Cu}$ . Physical Review C, 2010, 81.	1.1	71
20	Two-Proton Radioactivity of $^{75}\text{Kr}$ . Physical Review Letters, 2016, 117, 162501.	2.9	69
21	The 8+ isomer in $^{78}\text{Zn}$ and the doubly magic character of $^{78}\text{Ni}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 476, 213-218.	1.5	64
22	Conceptual design of the AGATA spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 855, 1-12.	0.7	64
23	Low energy levels in $^{72}\text{Ni}$ . Physical Review C, 2003, 68, .	1.1	61
24	Excited bands in the doubly-magic superdeformed $^{152}\text{Dy}$ nucleus: evidence for the first N = 7 proton hyper-intruder orbital. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 313-318.	1.5	58
25	Germanium-gated $\beta\beta$ fast timing of excited states in fission fragments using the EXILL&FATIMA spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 210-220.	0.7	58
26	Half-life measurements of proton-rich $^{78}\text{Kr}$ fragments. Physical Review C, 2002, 66, .	1.1	55
27	Measurements on a prototype segmented Clover detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 434, 373-386.	0.7	54
28	Fusion process studied with a preequilibrium giant dipole resonance in time-dependent Hartree-Fock theory. Physical Review C, 2007, 76, .	1.1	52
29	Reactions with the double-Borromean nucleus $^8\text{He}$ . Physical Review C, 2010, 82.	1.1	52
30	Collective nature of low-lying excitations in $^{70}\text{Mo}$ and $^{72}\text{Mo}$ from lifetime measurements using the AGATA spectrometer demonstrator. Physical Review C, 2013, 87, .	1.1	50
31	TIARA: A large solid angle silicon array for direct reaction studies with radioactive beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 614, 439-448.	0.7	48
32	Low-lying neutron $^{27}\text{Ne}$ -shell intruder states in $^{27}\text{Ne}$ . Physical Review C, 2012, 85, .	1.1	45
33	Quantum Calculations of Coulomb Reorientation for Sub-Barrier Fusion. Physical Review Letters, 2004, 93, 102701.	2.9	44
34	Shell gap reduction in neutron-rich $^{68}\text{Ni}$ . Physical Review C, 2012, 85, .	1.5	44
35	Discovery of a new isomeric state in $^{68}\text{Ni}$ : Evidence for a highly deformed proton intruder state. Physical Review C, 2012, 85, .	1.1	43
36	Towards the high spin $\beta\beta$ isospin frontier using isotopically-identified fission fragments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 136-140.	1.5	43

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37	Experimental study of the lifetime and phase transition in neutron-rich $Zr$ isotopes. <i>Physical Review C</i> , 2017, 95, 014307. <a href="https://doi.org/10.1103/PhysRevC.95.014307">https://doi.org/10.1103/PhysRevC.95.014307</a>	1.1	38
38	EXILL: a high-efficiency, high-resolution setup for $\hat{I}^3$ -spectroscopy at an intense cold neutron beam facility. <i>Journal of Instrumentation</i> , 2017, 12, P11003-P11003. <a href="https://doi.org/10.1088/1748-0227/12/11/P11003">https://doi.org/10.1088/1748-0227/12/11/P11003</a>	0.5	39
39	Decay of proton-rich nuclei between $^{39}Ti$ and $^{49}Ni$ . <i>European Physical Journal A</i> , 2001, 10, 73-84. <a href="https://doi.org/10.1007/s001470100010">https://doi.org/10.1007/s001470100010</a>	1.0	38
40	g-factor measurements of $\hat{A}$ s isomeric states in neutron-rich nuclei around $^{68}Ni$ produced in projectile-fragmentation reactions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002, 28, 2993-3006. <a href="https://doi.org/10.1088/0954-3894/28/11/309">https://doi.org/10.1088/0954-3894/28/11/309</a>	1.4	38
41	PILGRIM, a Multi-Reflection Time-of-Flight Mass Spectrometer for Spiral2-S3 at GANIL. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2016, 376, 211-215. <a href="https://doi.org/10.1016/j.nimb.2016.05.011">https://doi.org/10.1016/j.nimb.2016.05.011</a>	0.6	38
42	Experimental study of the lifetime and phase transition in neutron-rich $Zr$ isotopes. <i>Physical Review C</i> , 2017, 95, 014307. <a href="https://doi.org/10.1103/PhysRevC.95.014307">https://doi.org/10.1103/PhysRevC.95.014307</a>	1.1	38
43	Experimental study of the lifetime and phase transition in neutron-rich $Zr$ isotopes. <i>Physical Review C</i> , 2017, 95, 014307. <a href="https://doi.org/10.1103/PhysRevC.95.014307">https://doi.org/10.1103/PhysRevC.95.014307</a>	1.1	38
44	Emergence of the $N=16$ shell gap in $O^{21}$ . <i>Physical Review C</i> , 2011, 84, 014307. <a href="https://doi.org/10.1103/PhysRevC.84.014307">https://doi.org/10.1103/PhysRevC.84.014307</a>	1.1	35
45	Pair and single neutron transfer with Borromean $^8He$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 697, 454-458. <a href="https://doi.org/10.1016/j.physletb.2011.05.021">https://doi.org/10.1016/j.physletb.2011.05.021</a>	1.5	34
46	Evidence for Coexisting Shapes through Lifetime Measurements in $Zr$ isotopes. <i>Physical Review Letters</i> , 2018, 121, 192501. <a href="https://doi.org/10.1103/PhysRevLett.121.192501">https://doi.org/10.1103/PhysRevLett.121.192501</a>	2.9	34
47	NEDA: NEutron Detector Array. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 927, 81-86. <a href="https://doi.org/10.1016/j.nucinstmeth.2019.05.011">https://doi.org/10.1016/j.nucinstmeth.2019.05.011</a>	0.7	34
48	New Isotopes and Proton Emitters: Crossing the Drip Line in the Vicinity of $Zr$ isotopes. <i>Physical Review Letters</i> , 2019, 122, 222502. <a href="https://doi.org/10.1103/PhysRevLett.122.222502">https://doi.org/10.1103/PhysRevLett.122.222502</a>	2.9	33
49	Beta Decay. <i>Physical Review Letters</i> , 2019, 122, 222502. <a href="https://doi.org/10.1103/PhysRevLett.122.222502">https://doi.org/10.1103/PhysRevLett.122.222502</a>	2.9	33
50	Beta-decay of $^{71}Co$ and $^{73}Co$ . <i>European Physical Journal A</i> , 2004, 22, 455-459. <a href="https://doi.org/10.1007/s001470400010">https://doi.org/10.1007/s001470400010</a>	1.0	32
51	Boundary of the Island of Deformation. <i>Physical Review Letters</i> , 2011, 107, 102501. <a href="https://doi.org/10.1103/PhysRevLett.107.102501">https://doi.org/10.1103/PhysRevLett.107.102501</a>	2.9	31
52	Monte Carlo simulation of a single detector unit for the neutron detector array NEDA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 673, 64-72. <a href="https://doi.org/10.1016/j.nucinstmeth.2012.05.011">https://doi.org/10.1016/j.nucinstmeth.2012.05.011</a>	0.7	30
53	Experimental study of the lifetime and phase transition in neutron-rich $Zr$ isotopes. <i>Physical Review C</i> , 2017, 95, 014307. <a href="https://doi.org/10.1103/PhysRevC.95.014307">https://doi.org/10.1103/PhysRevC.95.014307</a>	1.1	29
54	Study of $^{19}Na$ at SPIRAL. <i>European Physical Journal A</i> , 2005, 24, 237-247. <a href="https://doi.org/10.1007/s001470500010">https://doi.org/10.1007/s001470500010</a>	1.0	28

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55	Multidimensional analysis of high resolution $\hat{\text{I}}^3$ -ray data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 320, 325-330.	0.7	27
56	The mutable nature of particle-core excitations with spin in the one-valence-proton nucleus $^{133}\text{Sb}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 273-278.	1.5	27
57	Investigation of deep inelastic reactions in $^{238}\text{U} + ^{238}\text{U}$ at Coulomb barrier energies. European Physical Journal A, 2010, 43, 251-259. Shell evolution beyond	1.0	26
58	$\text{Cu}$	1.1	26
59	$\text{Ru}$ Physical Review C, 2015, 91, 044307. Breakdown of the seniority scheme in	2.9	26
60	Isomeric decay of $^{67}\text{Fe}$ –Evidence for deformation. European Physical Journal A, 2003, 16, 51-54.	1.0	25
61	Coulomb excitation of $^{78}\text{Kr}$ . Nuclear Physics A, 2006, 770, 107-125.	0.6	25
62	New neutron-deficient isotopes from $^{78}\text{Kr}$ fragmentation. Physical Review C, 2016, 93, .	1.1	25
63	Deexcitation from superdeformed bands in $^{151}\text{Tb}$ and neighboring $A \approx 150$ nuclei. Physical Review Letters, 1993, 71, 2559-2562.	2.9	24
64	$\hat{\text{I}}^3$ spectroscopy of $^{25,27}\text{Ne}$ and $^{26,27}\text{Na}$ . Physical Review C, 2006, 74, .	1.1	24
65	Pulse pile-up identification and reconstruction for liquid scintillator based neutron detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 897, 59-65. Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus	0.7	24
66	$\text{Ru}$	2.9	24
67	Neutron excitations across the $N = 86$ superdeformed shell gap. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 331, 290-295.	1.5	23
68	Test of digital neutron $\gamma$ discrimination with four different photomultiplier tubes for the Neutron Detector Array (NEDA). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 83-91.	0.7	23
69	Conceptual design of the early implementation of the Neutron Detector Array (NEDA) with AGATA. European Physical Journal A, 2016, 52, 1.	1.0	23
70	Prompt-delayed $\gamma$ $\hat{\text{I}}^3$ -ray spectroscopy with AGATA, EXOGAM and VAMOS++. European Physical Journal A, 2017, 53, 1.	1.0	23
71	Structure of the As, Ge, Ga nuclei. Nuclear Physics A, 2012, 893, 1-12.	0.6	22
72	Neutron-proton multiplets in the nucleus $^{88}\text{Br}$	2.9	22

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73	Electromagnetic properties of neutron-rich nuclei adjacent to the Z = 50 shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 86-90.	1.5	22
74	First observation of 55, 56Zn. European Physical Journal A, 2001, 11, 247-249.	1.0	21
75	Study of collisions of 136Xe+198Pt for the KEK isotope separator. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 752-755.	0.6	20
76	$B(E_{\gamma}(\text{Kr}))$	1.1	20
77	$\text{Sn}^{\text{I}^3}$ -decaying isomers and isomeric ratios in the $\text{Sn}^{\text{I}^3}$ region. Physical Review C, 2017, 96, .	1.1	20
78	Evolution of triaxial shapes at large isospin: Rh isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 480-484.	1.5	20
79	$\text{Ni}$	2.9	20
80	Digital pulse-timing technique for the neutron detector array NEDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 775, 71-76.	0.7	19
81	Structure of Te8052132: The two-particle and two-hole spectrum of Sn8250132. Physical Review C, 2016, 93, .	1.1	19
82	$\text{Sn}^{\text{I}^2}$ - and $\text{Sn}^{\text{I}^2}$ p-decay spectroscopy results in the vicinity of $\text{Sn}^{\text{I}^2}$ .	1.1	19
83	$\text{Sn}^{\text{I}^2}$ -ray linear polarization measurements and character of particle-hole excitations in $\text{Sn}^{\text{I}^2}$ .	1.1	18
84	$\text{Ru}^{\text{I}^3}$ deduced from $\text{Ru}^{\text{I}^3}$ -ray angular correlation and linear polarization measurements. Physical Review C, 2014, 89, .	1.1	18
85	New isomer in $^{\text{96}}\text{Y}$ marking the onset of deformation at N = 57. Europhysics Letters, 2017, 117, 12001.	0.7	18
86	Insight into excitation energy and structure effects in fission from isotopic information in fission yields. Physical Review C, 2019, 99, .	1.1	18
87	New gas-filled mode of the large-acceptance spectrometer VAMOS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 262, 1-5.	0.7	17
88	$^{\text{1}+}$ state in $^{\text{72}}\text{Zn}$	1.1	17
89	New evidence for a shape transition between $^{\text{72}}\text{Zn}$ and $^{\text{74}}\text{Zn}$ . Physical Review C, 2016, 94, .	1.1	17
90	Measurement of picosecond lifetimes in neutron-rich Xe isotopes. Physical Review C, 2016, 94, .	1.1	17
90	Evolution of nuclear shapes in odd-mass yttrium and niobium isotopes from lifetime measurements following fission reactions. Physical Review C, 2017, 95, .	1.1	17

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91	Low-spin collective behavior in the transitional nuclei $^{86}\text{Mo}$ and $^{88}\text{Mo}$ . <i>Physical Review C</i> , 2007, 76, .	1.1	16
92	Beta-decay branching ratios of $^{62}\text{Ga}$ . <i>European Physical Journal A</i> , 2008, 36, 121-126.	1.0	16
93	Lifetime measurements in $^{63}\text{Co}$ and $^{65}\text{Co}$ . <i>Physical Review C</i> , 2011, 83, .	1.1	16
94	Simultaneous investigation of the $T_{1/2}$ and $\log ft$ for $^{62}\text{Ga}$ and $^{64}\text{Ga}$ .		

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109	Observation of $^{48}\text{Ni}$ and decay of very exotic nuclei in this mass region. Nuclear Physics A, 2001, 685, 127-133.	0.6	13
110	$\hat{\Gamma}$ -ray spectroscopy with a beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 511, 354-359.	0.7	13
111	Study of collisions of the radioactive $^{24}\text{Ne}$ beam at 7.9 MeV/u on $^{208}\text{Pb}$ . European Physical Journal A, 2010, 45, 287-292.	1.0	13
112	Spectroscopy of neutron rich nuclei using cold neutron induced fission of actinide targets at the ILL: The EXILL campaign. EPJ Web of Conferences, 2013, 62, 01001.	0.1	13
113	Identification of new transitions and mass assignments of levels in $\text{Pr}143\hat{\epsilon}^{153}$ . Physical Review C, 2015, 92, .	1.1	13
114	Low-spin structure of $\text{Br}^{51}$ and $\text{Kr}^{50}$ . Physical Review C, 2018, 97, .	1.1	13
115	$\hat{\Gamma}^2$ decays of the heaviest $N=Z\hat{\epsilon}^{1}$ nuclei and proton instability of $\text{In}97$ . Physical Review C, 2018, 97, .	1.1	13
116	Effects of one valence proton on seniority and angular momentum of neutrons in neutron-rich isotopes. Physical Review C, 2019, 99, .	1.1	13
117	Spectroscopy of $^{212}\text{Po}$ and $^{213}\text{At}$ using a $^8\text{He}$ radioactive beam and EXOGAM. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1851-S1854.	1.4	12
118	SEARCH FOR A LONG LIVING GIANT SYSTEM IN $^{238}\text{U} + ^{238}\text{U}$ COLLISIONS NEAR THE COULOMB BARRIER. International Journal of Modern Physics E, 2008, 17, 2235-2239.	0.4	12
119	$\hat{\Gamma}^2$ Decay in the Region of Neutron-deficient $^{69,70,71}\text{Kr}$ . Nuclear Data Sheets, 2014, 120, 41-43.	0.7	12
120	Neutron-proton multiplets in the odd-odd nucleus $\text{Rb}^{53}$ . Physical Review C, 2016, 93, .	1.1	12
121	Approaching complete low-spin spectroscopy of $\text{Bi}210$ with a cold-neutron capture reaction. Physical Review C, 2016, 93, .	1.1	12
122	Low-lying single-particle structure of $^{17}\text{C}$ and the $N\hat{\epsilon}^{-14}$ sub-shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135939.	1.5	12
123	Lifetime measurements in the even-even $\text{Cd}^{102}$ and $\text{Cd}^{108}$ isotopes. Physical Review C, 2021, 104, .	1.1	12
124	Extended investigation of superdeformed bands in $\text{Tb}151,152$ nuclei. Physical Review C, 2008, 77, .	1.1	11
125	Test of the $\text{SO}(6)$ selection rule in $^{196}\text{Pt}$ using cold-neutron capture. Nuclear Physics A, 2015, 934, 1-7.	0.6	11
126	Low-spin structure of $\text{Ge}^{60}$ and $\text{Ge}^{62}$ nuclei. Physical Review C, 2012, 85, 014305.	1.1	11



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127	Nucleon transfer via (d,p) using TIARA with a $^{24}\text{Ne}$ radioactive beam. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1655-S1661.	1.4	10
128	Musett: A segmented Si array for Recoil-Decay-Tagging studies at VAMOS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 747, 69-80.	0.7	10
129	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>As</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>83</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>: Multipolarity of the <mml:math>	1.1	10
130	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mn>2</mml:mn><mml:mo>â</mml:mo></mml:msup></mml:mrow></mml:math> ground-state transition in <mml:math>	1.1	10
131	Half-life of the $15/2^+$ state of $^{135}\text{La}$ : A test of E2 seniority relations. Physical Review C, 2016, 94, .	1.1	10
132	Structure of <mml:math>	1.1	10
133	Lifetimes and shape-coexisting states of $^{99}\text{Zr}$ . Physical Review C, 2019, 100, .	1.1	10
134	Quadrupole moment of superdeformed bands in $^{151}\text{Tb}$ . European Physical Journal A, 1998, 2, 123-127.	1.0	9
135	Discovery of doubly-magic $^{48}\text{Ni}$ at GANIL. Nuclear Physics A, 2002, 701, 433-436.	0.6	9
136	Shape coexistence in Krypton isotopes studied through Coulomb excitation of radioactive Krypton ion beams. Nuclear Physics A, 2004, 746, 90-95.	0.6	9
137	$^{69}\text{Kr}^{\text{I}^2}$ -delayed proton emission: A Trojan horse for studying states in proton-unbound $^{69}\text{Br}$ . Physical Review C, 2011, 84, .	1.1	9
138	A New Front-End High-Resolution Sampling Board for the New-Generation Electronics of EXOGAM2 and NEDA Detectors. IEEE Transactions on Nuclear Science, 2015, 62, 1056-1062.	1.2	9
139	Structural changes at large angular momentum in neutron-rich <mml:math>	1.1	9
140	Measurement of lifetimes in <mml:math>	1.1	9
141	Half-life determination of $T_z = -1$ and $T_z = -\frac{1}{2}$ $^{12}\text{Li}$ proton-rich nuclei and the $\eta$ . European Physical Journal A, 2017, 53, 1.	1.0	9
142	Lifetimes of excited states in triaxially deformed $^{107}\text{Tc}$ and $^{109,111,113}\text{Rh}$ . European Physical Journal A, 2018, 54, 1.	1.0	9
143	Deformed band structures in neutron-rich $^{152}\text{Pm}$ $\hat{=}$ $^{158}$ isotopes. Physical Review C, 2018, 98, .	1.1	9
144	New yrast and non-yrast states in <mml:math>	1.1	9

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145	Toward the limit of nuclear binding on the N=Z line: Spectroscopy of Cd96. Physical Review C, 2019, 99, 014301.	1.1	9
146	Low- $Z$ boundary of the $^{\infty}90$ shape phase transition: $^{\infty}88$ $\beta$ -decay.	1.1	9
147	Gamma-ray spectroscopy studies at GANIL: Status and perspectives. European Physical Journal A, 2003, 20, 59-63.	1.0	8
148	Investigation of heavy $N \approx Z$ nuclei using energetic radioactive ion beams. Nuclear Physics A, 2005, 752, 255-263.	0.6	8
149	Design and Test of a High-Speed Flash ADC Mezzanine Card for High-Resolution and Timing Performance in Nuclear Structure Experiments. IEEE Transactions on Nuclear Science, 2013, 60, 3526-3531.	1.2	8
150	Spectroscopy of neutron rich nuclei using cold neutron induced fission of actinide targets at the ILL: the EXILL campaign. EPJ Web of Conferences, 2014, 66, 02010.	0.1	8
151	From EXILL (EXogam at the ILL) to FIPPS (Fission Product Prompt $\gamma$ -ray Spectrometer). EPJ Web of Conferences, 2015, 93, 01015.	0.1	8
152	Spectroscopy of $^{61}\text{Fe}$ via the neutron transfer reaction $^{61}\text{Fe} + n \rightarrow ^{62}\text{Fe} + \gamma$ .	1.1	8
153	Excitation of the magic $^{50}\text{Sn}$ nucleus: neutron-core revealed in $^{50}\text{Sn} + n \rightarrow ^{51}\text{Sn} + \gamma$ .	1.1	8
154	Lifetime measurements in the $^{177}\text{Lu}$ nucleus $^{177}\text{Lu} \rightarrow ^{177}\text{Lu} + \gamma$ .	1.1	8
155	The $(6+)$ isomer in $^{102}\text{Sn}$ revisited: Neutron and proton effective charges close to the double shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136591.	1.5	8
156	Study of the multi-nucleon transfer reactions of $^{136}\text{Xe} + ^{198}\text{Pt}$ for producing exotic heavy nuclei. EPJ Web of Conferences, 2014, 66, 03044.	0.1	7
157	The impact of the intruder orbitals on the structure of neutron-rich Ag isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 403-408.	1.5	7
158	Low-spin excitations in $^{97}\text{Zr}$ .	1.5	7
159	Decay properties of the $3_{1}^{-}$ level in $^{96}\text{Mo}$ . Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 075101.	1.4	7
160	Unfavoured signature partner superdeformed bands associated with proton excitations in $^{151}\text{Tb}$ . , 1995, 341, 268-268.		7
161	Spectroscopy of $^{99}\text{Cd}$ and $^{101}\text{In}$ .	1.4	7
162	$^{\infty}93$ decays of Structure of even-even Sr isotopes with $50\%$ $N$ neutrons. Physical Review C, 2021, 104, .	1.1	7

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