

# Gilles de France

## List of Publications by Year in descending order

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Version: 2024-02-01

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	New narrow resonances observed in the unbound nucleus $^{15}\text{F}$ . Physical Review C, 2022, 105, .	1.1	7
2	The $\hat{2}$ -decay of $^{70}\text{Kr}$ into $^{70}\text{Br}$ : Restoration of the pseudo-SU(4) symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137123.	1.5	3
3	Artificial neural networks for neutron $\hat{2}$ discrimination in the neutron detectors of NEDA. Nuclear Physics A, 2022, 1000, 119550.	0.7	15
4	Low-spin particle-core and hole-core excitations in $^{60}\text{Ge}$ nuclei. Physical Review C, 2021, 103, .	1.1	11
5	Shape Changes in the Mirror Nuclei $^{41}\text{Ca}$ and $^{47}\text{Ca}$ . Physical Review C, 2021, 103, .	1.1	3
6	Pseudospin doublet bands and Gallagher-Moszkowski doublet bands in $^{70}\text{Kr}$ and $^{70}\text{Br}$ . Physical Review C, 2021, 103, .	2.9	15
7	Medium-spin states of the neutron-rich nucleus $^{87}\text{Br}$ . Physical Review C, 2021, 103, .	1.1	3
8	Measurement of relative isotopic yield distribution of even-even fission fragments from $^{235}\text{U}$ following $\hat{3}$ -ray spectroscopy. Physical Review C, 2021, 103, .	1.1	3
9	Accessing tens-to-hundreds femtoseconds nuclear state lifetimes with low-energy binary heavy-ion reactions. European Physical Journal A, 2021, 57, 1.	1.0	6
10	Evidence for enhanced neutron-proton correlations from the level structure of the $^{43}\text{N}$ nucleus. Physical Review C, 2021, 104, .	1.1	3
11	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
12	Lifetime measurements in the even-even $^{102}\text{Cd}$ nucleus. Physical Review C, 2021, 104, .	1.1	12
13	Complete set of bound negative-parity states in the neutron-rich nucleus $^{18}\text{N}$ . Physical Review C, 2021, 104, .	1.1	6
14	Observation of excited states in the neutron-rich nucleus $^{89}\text{Br}$ . Physical Review C, 2021, 104, .	1.1	2
15	Structure of even-even Sr isotopes with $50\%$ neutrons. Physical Review C, 2021, 104, .	1.1	11
16	Boundary of the $\hat{2}$ shape phase transition in $^{88}\text{Sr}$ . Physical Review C, 2021, 104, .	1.1	9
17	Low-lying single-particle structure of $^{17}\text{C}$ and the $\hat{14}$ sub-shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135939.	1.5	12

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19	Prompt-delayed $\hat{I}^3$ -ray spectroscopy of neutron-rich In119,121 isotopes. Physical Review C, 2020, 102, .	1.1	3
20	High-spin states above the isomers in neutron-rich iodine nuclei near $N=82$ . Physical Review C, 2020, 102, .	1.1	8
21	Pairing-quadrupole interplay in the neutron-deficient tin nuclei: First lifetime measurements of low-lying states in $^{106,108}\text{Sn}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135474.	1.5	16
22	Shape coexistence revealed in the $N=Z$ isotope $^{72}\text{Kr}$ through inelastic scattering. European Physical Journal A, 2020, 56, 1.	1.0	16
23	Testing <i>ab initio</i> nuclear structure in neutron-rich nuclei: Lifetime measurements of second state in $^{16}\text{C}$ and $^{16}\text{O}$ . Physical Review Letters, 2020, 124, 062501.	1.1	14
24	Multi-quasiparticle excitations of $^{91}\text{Ru}$ . Chinese Physics C, 2020, 44, 024002.	1.5	1
25	Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus $^{88}\text{Zr}$ . Physical Review Letters, 2020, 124, 062501.	2.9	24
26	Decays of $^{99}\text{Zr}$ and $^{101}\text{Zr}$ from $^{95}\text{Rh}$ . Physical Review C, 2020, 100, .	1.1	7
27	Lifetimes of core-excited states in semi-magic $^{95}\text{Rh}$ . European Physical Journal A, 2020, 56, 1.	1.0	2
28	Excitations of the magic $N=50$ neutron-core revealed in $^{81}\text{Ga}$ . Physical Review C, 2019, 100, .	1.1	8
29	Lifetimes and shape-coexisting states of $^{99}\text{Zr}$ . Physical Review C, 2019, 100, .	1.1	10
30	Evidence of octupole-phonons at high spin in $^{207}\text{Pb}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134797.	1.5	6
31	Discovery of $^{68}\text{Br}$ in secondary reactions of radioactive beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 266-270.	1.5	5
32	Beta decay of the $T_z=-2$ nucleus $^{64}\text{Se}$ and its descendants. Journal of Physics: Conference Series, 2019, 1308, 012018.	0.3	1
33	Low-lying octupole isovector excitation in $^{144}\text{Nd}$ . Physical Review C, 2019, 99, .	1.1	1
34	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
35	Effects of one valence proton on seniority and angular momentum of neutrons in neutron-rich $^{122}\text{Sb}$ isotopes. Physical Review C, 2019, 99, .	1.1	13

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37	Improved Value for the Gamow-Teller Strength of the $\beta$ -decay of $^{100}\text{Sn}$ . Physical Review C, 2019, 99, .	2.9	33
38	New and comprehensive $\beta$ -decay spectroscopy results in the vicinity of $^{100}\text{Sn}$ . Physical Review C, 2019, 99, .	1.1	19
39	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
40	Insight into excitation energy and structure effects in fission from isotopic information in fission yields. Physical Review C, 2019, 99, .	1.1	18
41	Toward the limit of nuclear binding on the N=Z line: Spectroscopy of Cd96. Physical Review C, 2019, 99, .	1.1	9
42	Preliminary results of lifetime measurements in neutron-rich $^{53}\text{Ti}$ . EPJ Web of Conferences, 2019, 223, 01022.	0.1	1
43	Lifetime measurements in $^{52}\text{Ti}$ to study shell evolution toward N=32. Physical Review C, 2019, 100, .	1.1	14
44	Neutron detection and $\beta$ -ray suppression using artificial neural networks with the liquid scintillators BC-501A and BC-537. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 916, 238-245.	0.7	15
45	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
46	The boundary of the N=90 shape phase transition: $^{148}\text{Ce}$ . Journal of Physics: Conference Series, 2018, 1023, 012022.	0.3	0
47	EXOAM at the ILL: the EXILL campaign. Journal of Physics: Conference Series, 2018, 966, 012012.	0.3	0
48	The $\beta$ - $\beta$ fast-timing technique and the EXILL&FATIMA campaign. EPJ Web of Conferences, 2018, 193, 04008.	0.1	0
49	Excited States and Collectivity in $^{88}\text{Se}$ . EPJ Web of Conferences, 2018, 193, 05002.	0.1	0
50	The $\beta$ -ray spectroscopy studies of low-spin structures in $^{210}\text{Bi}$ and $^{206}\text{Tl}$ using cold neutron capture reactions. EPJ Web of Conferences, 2018, 193, 05007.	0.1	0
51	Evidence for Coexisting Shapes from Lifetime Measurements in $^{90}\text{Zr}$ . Physical Review Letters, 2018, 121, 192502.	2.9	34
52	Pseudospin Symmetry and Microscopic Origin of Shape Coexistence in the $^{90}\text{Zr}$ Region: A Hint from Lifetime Measurements. Physical Review Letters, 2018, 121, 192502.	2.9	20
53	Lifetime measurement in neutron-rich A~100 nuclei. EPJ Web of Conferences, 2018, 193, 05003.	0.1	0
54	Low-spin excitations in $^{97}\text{Zr}$ . Physical Review C, 2018, 98, .	0.7	7

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55	Experimental determination of reference pulses for highly segmented HPGe detectors and application to Pulse Shape Analysis used in $^{13}\text{B}$ -ray tracking arrays. <i>European Physical Journal A</i> , 2018, 54, 1.	1.0	4
56	EXO GAM at the ILL: the EXILL campaign. <i>EPJ Web of Conferences</i> , 2018, 178, 01004.	0.1	0
57	Deformed band structures in neutron-rich $\text{Pm}^{152}$ $^{158}$ isotopes. <i>Physical Review C</i> , 2018, 98, .	1.1	9
58	Shape coexistence and isospin symmetry in $\text{A} \approx 70$ nuclei: Spectroscopy of the $\text{Tm}^{70}$ nucleus 70Kr. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 785, 441-446.	1.5	15
59	Shape coexistence and isospin symmetry in $\text{A} \approx 136$ nuclei: Spectroscopy of the $\text{Mn}^{136}$ nucleus and medium-spin structure of $\text{Mn}^{136}$ . <i>European Physical Journal A</i> , 2018, 54, 1.	1.1	9
60	M1 and E2 transition rates from core-excited states in semi-magic $^{94}\text{Ru}$ . <i>European Physical Journal A</i> , 2018, 54, 1.	1.0	5
61	Isotopic fission fragment distributions of $^{238}\text{U}$ and $^{239}\text{Pu}$ . <i>Physical Review C</i> , 2018, 97, .	1.1	38
62	$\beta^-$ decays of the heaviest $N=Z+1$ nuclei and proton instability of $^{97}\text{In}$ . <i>Physical Review C</i> , 2018, 97, .	1.1	13
63	Measurement of $^{19}\text{Ne}$ spectroscopic properties via a new method of inelastic scattering to study novae. <i>Journal of Physics: Conference Series</i> , 2018, 940, 012003.	0.3	0
64	Neutron Skin Effects in Mirror Energy Differences: The Case of $^{23}\text{Mg}$ . <i>Physical Review C</i> , 2018, 97, .	2.9	14
65	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
66	Conceptual design of the AGATA $^{66}\text{Zn}$ detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 855, 1-12.	0.7	64
67	Half-life of the $15/2^+$ state of $^{135}\text{La}$ : A test of $E2$ seniority relations. <i>Physical Review C</i> , 2017, 95, .	1.1	10
68	Evolution of nuclear shapes in odd-mass yttrium and niobium isotopes from lifetime measurements following fission reactions. <i>Physical Review C</i> , 2017, 95, .	1.1	17
69	New isomer in $^{96}\text{Y}$ marking the onset of deformation at $N = 57$ . <i>Europhysics Letters</i> , 2017, 117, 12001.	0.7	18
70	Toward lifetime and $\beta$ -decay factor measurements of short-lived states in the vicinity of $^{208}\text{Pb}$ . <i>Physica Scripta</i> , 2017, 92, 054004.	1.2	1
71	Spectroscopy of $^{61}\text{Fe}$ via the neutron transfer reaction $^{61}\text{Fe} + n \rightarrow ^{62}\text{Fe} + \gamma$ . <i>Physical Review C</i> , 2017, 95, .	1.1	8
72	Ultrafast timing lifetime measurements of $^{94}\text{Ru}$ and $^{96}\text{Pd}$ . <i>Physical Review C</i> , 2017, 95, .	1.1	26

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73	<p>Properties of <math>\hat{I}^3</math>-decaying isomers and isomeric ratios in the <math>\text{Sn}</math> region. Physical Review C, <b>73</b>, 014301 (2006).</p> <p>Measurement of lifetimes in <math>\text{Fe}</math> region. Physical Review C, <b>74</b>, 014301 (2006).</p>	1.1	20
74	<p>Prompt-delayed <math>\gamma</math>-ray spectroscopy with AGATA, EXOGAM and VAMOS++. European Physical Journal A, <b>2017</b>, 53, 1.</p>	1.1	9
75	<p>Medium and high spin structure in the <math>^{94}\text{Y}</math> isotope produced in fission induced by cold neutrons. Physica Scripta, <b>2017</b>, 92, 104001.</p>	1.0	23
76	<p>Simultaneous investigation of the <math>T = 1</math> and <math>T = 2</math> states in <math>^{94}\text{Y}</math>. Physica Scripta, <b>2017</b>, 92, 104001.</p>	1.2	2
77	<p>Simultaneous investigation of the <math>T = 1</math> and <math>T = 2</math> states in <math>^{94}\text{Y}</math>. Physica Scripta, <b>2017</b>, 92, 104001.</p>		

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91	EXILLâ€™a high-efficiency, high-resolution setup for $\hat{I}^3$ -spectroscopy at an intense cold neutron beam facility. Journal of Instrumentation, 2017, 12, P11003-P11003.	0.5	39
92	Isospin Symmetry Breaking in Mirror Nuclei $^{23}\text{Mg}$ - $^{23}\text{Na}$ . Acta Physica Polonica B, 2017, 48, 313.	0.3	6
93	Lifetime Measurements with the Doppler Shift Attenuation Method Using a Thick Homogeneous Production Target --- Verification of the Method. Acta Physica Polonica B, 2017, 48, 325.	0.3	2
94	Study of Quadrupole Correlations in $N=Z=50$ Region via Lifetime Measurements. Acta Physica Polonica B, 2017, 48, 331.	0.3	3
95	Study of $^{41}\text{Ca}$ via Cold Neutron Capture. Acta Physica Polonica B, 2017, 48, 577.	0.3	2
96	Yrast Structure Above the 9.6 s $^{8+}$ Isomer in $^{96}\text{Y}$ Isotope. Acta Physica Polonica B, 2017, 48, 581.	0.3	4
97	Interplay Between Particle and Core Excitations in $^{133}\text{Sb}$ . Acta Physica Polonica B, 2017, 48, 595.	0.3	0
98	Dependence of Fission-Fragment Properties On Excitation Energy For Neutron-Rich Actinides. EPJ Web of Conferences, 2016, 111, 10001.	0.1	5
99	Medium-spin states of the neutron-rich $^{87,89}\text{Br}$ isotopes: configurations and shapes. Journal of Physics: Conference Series, 2016, 724, 012051.	0.3	2
100	Observation of the $^{113}\text{Cd}$ isomer in $^{113}\text{Cd}$ . Physical Review C, 2016, 94, .	1.1	5
101	Conceptual design of the early implementation of the NEutron Detector Array (NEDA) with AGATA. European Physical Journal A, 2016, 52, 1.	1.0	23
102	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
103	Structural changes at large angular momentum in neutron-rich $^{121}\text{Cd}$ . Physical Review C, 2016, 93, .	1.1	9
104	Neutron-proton multiplets in the odd-odd nucleus $^{53}\text{Rb}$ . Physical Review C, 2016, 93, .	1.1	12
105	Structure of $^{80}\text{Te}$ : The two-particle and two-hole spectrum of $^{80}\text{Te}$ . Physical Review C, 2016, 93, .	1.1	19
106	Approaching complete low-spin spectroscopy of $^{210}\text{Bi}$ with a cold-neutron capture reaction. Physical Review C, 2016, 93, .	1.1	12
107	New neutron-deficient isotopes from $^{78}\text{Kr}$ fragmentation. Physical Review C, 2016, 93, .	1.1	25
108	New Isotopes and Proton Emittersâ€™ Crossing the Drip Line in the Vicinity of $^{100}\text{Sn}$ . Physical Review Letters, 2016, 116, 162501.	2.9	33

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109	Two-Proton Radioactivity of $^{67}\text{Kr}$ . Physical Review Letters, 2016, 117, 162501.	2.9	69
110	Measurement of picosecond lifetimes in neutron-rich Xe isotopes. Physical Review C, 2016, 94, .	1.1	17
111	Low-spin structure of $^{51}\text{Br}$ and $^{86}\text{Kr}$ . Physical Review Letters, 2015, 115, 172503.	1.1	13
112	Multipolarity of the $^{50}\text{Kr}$ ground-state transition in $^{210}\text{Bi}$ . Physical Review C, 2016, 94, .	1.1	10
113	PILGRIM, a Multi-Reflection Time-of-Flight Mass Spectrometer for Spiral2-S3 at GANIL. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 211-215.	0.6	38
114	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
115	Near-yrast Excitations in Nucleus $^{83}\text{As}$ : Tracing the Deformation in the $^{78}\text{Ni}$ Region. Acta Physica Polonica B, 2016, 47, 897.	0.3	0
116	Lifetime Measurements of Excited States in Neutron-rich Fission Fragments. Acta Physica Polonica B, 2016, 47, 903.	0.3	0
117	Identification of new transitions and mass assignments of levels in $^{143}\text{Pr}$ . Physical Review C, 2015, 92, .	1.1	13
118	Pathway for the Production of Neutron-Rich Isotopes around the $^{126}\text{N}$ Shell Closure. Physical Review Letters, 2015, 115, 172503.	2.9	187
119	Neutron-proton multiplets in the nucleus $^{88}\text{Br}$ . Physical Review C, 2015, 92, .	0.1	22
120	High precision $\hat{1}^3$ spectroscopy of $^{69,71}\text{Zn}$ from $(n, \hat{1}^3)$ reactions using EXILL. EPJ Web of Conferences, 2015, 93, 01042.	0.1	0
121	The $(n, \hat{1}^3)$ campaigns at EXILL. EPJ Web of Conferences, 2015, 93, 01014.	0.1	4
122	The EXILL campaign. Pramana - Journal of Physics, 2015, 85, 467-472.	0.9	2
123	The Generalized Centroid Difference method for lifetime measurements via $\hat{1}^3$ - $\hat{1}^3$ coincidences using large fast-timing arrays. EPJ Web of Conferences, 2015, 93, 01013.	0.1	2
124	Fission studies by prompt gamma-ray spectrometry. EPJ Web of Conferences, 2015, 93, 02020.	0.1	2
125	From EXILL (EXogam at the ILL) to FIPPS (Fission Product Prompt $\hat{1}^3$ -ray Spectrometer). EPJ Web of Conferences, 2015, 93, 01015.	0.1	8
126	Neutron-capture experiment on $^{77}\text{Se}$ with EXILL at ILL Grenoble. EPJ Web of Conferences, 2015, 93, 01050.	0.1	0



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127	Excitations of one-valence-proton, one-valence-neutron nucleus $^{210}\text{Bi}$ from cold-neutron capture. AIP Conference Proceedings, 2015, , .	0.3	0
128	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
129	Digital Front-End Electronics for the Neutron Detector NEDA. IEEE Transactions on Nuclear Science, 2015, 62, 1063-1069.	1.2	6
130	Fission Yields of Minor Actinides at Low Energy Through Multi-nucleon Transfer Reactions of $^{238}\text{U}$ on $^{12}\text{C}$ . Acta Physica Polonica B, 2015, 46, 443.	0.3	3
131	Particle-core Couplings Close to Neutron-rich Doubly-magic Nuclei. Acta Physica Polonica B, 2015, 46, 637.	0.3	4
132	Shell evolution beyond $^{40}\text{Ca}$ in $^{69}\text{Cu}$ and $^{71}\text{Cu}$ . Physical Review C, 2015, 91, .	1.1	26
133	Probing collectivity in Zn isotopes with one particle or hole outside the $N=40$ subshell closure. Physical Review C, 2015, 91, .	1.1	4
134	Near-yrast excitations in nucleus $^{83}\text{As}$ . Physical Review C, 2015, 91, .	1.1	10
135	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
136	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
137	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
138	Onset of collectivity in $^{96,98}\text{Sr}$ studied via Coulomb excitation. EPJ Web of Conferences, 2014, 66, 02021.	0.1	1
139	First results of the $(n, \hat{p}^3)$ EXILL campaigns at the Institut Laue Langevin using EXOGAM and FATIMA. Journal of Physics: Conference Series, 2014, 533, 012026.	0.3	0
140	Character of particle-hole excitations in $^{94}\text{Kr}$ . Physical Review C, 2014, 90, .	1.1	20
141	A digital front-end electronics for the neutron detector NEDA. , 2014, , .		0
142	High resolution gamma-ray spectroscopy at GANIL. AIP Conference Proceedings, 2014, , .	0.3	2
143	Character of particle-hole excitations in $^{94}\text{Ru}$ deduced from $^{94}\text{Ru}$ -ray angular correlation and linear polarization measurements. Physical Review C, 2014, 89, .	1.1	18
144	Spectroscopy of the neutron-deficient $N=50$ nucleus $^{95}\text{Rh}$ . Physical Review C, 2014, 89, .	1.1	6

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145	Towards the high spin 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
146	$\hat{I}^2$ Decay in the Region of Neutron-deficient 69,70,71Kr. Nuclear Data Sheets, 2014, 120, 41-43.	0.7	12
147	Beta Decay Study of the $T_z = \hat{a}^2$ 56Zn Nucleus and the Determination of the Half-Lives of a Few fp-shell Nuclei. Nuclear Data Sheets, 2014, 120, 37-40.	0.7	6
148	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
149	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
150	Germanium-gated $\hat{I}^3$ 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
151	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
152	A new front-end high-resolution sampling board for the new-generation electronics of EXOGAM2 and NEDA detectors. , 2014, , .		0
153	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
154	Study of collisions of $^{136}\text{Xe} + ^{198}\text{Pt}$ for the KEK isotope separator. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 752-755.	0.6	20
155	A trigger-less acquisition system for the EXILL large germanium detectors array. , 2013, , .		3
156	Search for Superscreening Effects in a Superconductor. Physical Review Letters, 2013, 110, 032501.	2.9	15
157	Lifetime Measurements of Zn Isotopes Around $\hat{I}^3$ N. Acta Physica Polonica B, 2013, 44, 375.	0.3	6
158	Collective nature of low-lying excitations in $^{70}\text{Zn}$ from lifetime measurements using the AGATA spectrometer demonstrator. Physical Review C, 2013, 87, .	1.1	50
159	$\hat{I}^3$ -ray linear polarization measurements and alignment in $^{74}\text{Zn}$ . Physical Review C, 2013, 87, .	1.1	18
160	Lifetime measurements in neutron-rich $^{63,65}\text{Co}$ isotopes using the AGATA demonstrator. Physical Review C, 2013, 88, .	1.1	15
161	Onset of collectivity in neutron-rich Sr and Kr isotopes: Prompt spectroscopy after Coulomb excitation at REX-ISOLDE, CERN. EPJ Web of Conferences, 2013, 62, 01003.	0.1	4
162	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

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163	Lifetime measurements on fission fragments in the A $\hat{\approx}$ 100 region. EPJ Web of Conferences, 2013, 62, 01002.	0.1	3
164	Low-lying neutron intruder states in $^{27}\text{Ne}$ . Physical Review C, 2012, 85, .	1.1	45
165	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
166	Astrophysical $(\hat{1}\pm, \hat{1}\beta)$ reaction in inverse kinematics; Electron screening effect in the beta-decay. Journal of Physics: Conference Series, 2012, 337, 012015.	0.3	0
167	Design and test of a high-speed flash ADC mezzanine card for high-resolution and timing performance in nuclear structure experiments. 2012		3
168	First direct lifetime measurement of the $2^+$ state in $^{72}\text{Zn}$ . Nuclear Physics A, 2012, 893, 1-12.	1.1	17
169	New evidence for a shape transition between $^{74}\text{Zn}$ and $^{74}\text{Zn}$ . Nuclear Physics A, 2012, 893, 1-12.	0.6	22
170	Superaligned Gamow-Teller decay of the doubly magic nucleus $^{100}\text{Sn}$ . Nature, 2012, 486, 341-345.	13.7	147
171	AGATA 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
172	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
173	EXPERIMENTAL MEASUREMENT OF THE DEFORMATION THROUGH THE ELECTROMAGNETIC PROBE: SHAPE COEXISTENCE IN EXOTIC KR AND SR ISOTOPES. International Journal of Modern Physics E, 2011, 20, 415-421.	0.4	4
174	Evidence for a spin-aligned neutron-proton paired phase from the level structure of $^{92}\text{Pd}$ . Nature, 2011, 469, 68-71.	13.7	140
175	Pair and single neutron transfer with Borromean $^8\text{He}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 454-458.	1.5	34
176	Lifetime measurements in $^{63}\text{Co}$ and $^{65}\text{Co}$ . Physical Review C, 2011, 83, .	1.1	16
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