

Gregory J Lane

List of Publications by Year in descending order

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238
papers

4,939
citations

94269

37
h-index

149479

56
g-index

242
all docs

242
docs citations

242
times ranked

1776
citing authors

#	ARTICLE	IF	CITATIONS
1	<p>Ground-state and decay properties of neutron-rich $\text{Nb}106$. Physical Review C, 2021, 103, .</p> <p>Various collective states in the $\text{I} < \text{Ta} >$ nucleus. Physical Review C, 2021, 103, .</p>	1.1	4
2	<p>Electric Monopole Transition from the Superdeformed Band in $\text{Ca} < \text{Ca} >$. Physical Review Letters, 2022, 128, .</p> <p>Ground-state and decay properties of neutron-rich $\text{Nb}106$. Physical Review C, 2021, 103, .</p>	2.9	2
3	<p>Ground-state and decay properties of neutron-rich $\text{Nb}106$. Physical Review C, 2021, 103, .</p>	1.1	1
4	<p>Various collective states in the $\text{I} < \text{Ta} >$ nucleus. Physical Review C, 2021, 103, .</p>	1.1	0
5	<p>Beta decay of the axially asymmetric ground state of ^{192}Re. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136088.</p>	1.5	4
6	<p>A scalable and reconfigurable industrial-grade Slow Control System for SABRE-South Dark matter experiment. Journal of Instrumentation, 2021, 16, P03002.</p>	0.5	3
7	<p>Characterization of SABRE crystal NaI-33 with direct underground counting. European Physical Journal C, 2021, 81, 1.</p>	1.4	14
8	<p>Reply to: Possible overestimation of isomer depletion due to contamination. Nature, 2021, 594, E3-E4.</p>	13.7	9
9	<p>Quenching factor measurements of sodium nuclear recoils in NaI:Tl determined by spectrum fitting. Journal of Instrumentation, 2021, 16, P07034.</p>	0.5	11
10	<p>First direct observation of isomeric decay in neutron-rich odd-odd $\text{Ta} < \text{Ta} >$. Physical Review C, 2021, 104, .</p>	1.1	5
11	<p>Emerging collectivity in neutron-hole transitions near doubly magic ^{208}Pb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136738.</p>	1.5	5
12	<p>Solenogam: A new detector array for I^3-ray and conversion-electron spectroscopy of long-lived states in fusion-evaporation products. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 953, 163136.</p>	0.7	3
13	<p>Investigation of Viton O-Ring Performance for the SABRE Dark Matter Experiment. Journal of Materials Engineering and Performance, 2020, 29, 8359-8369.</p>	1.2	4
14	<p>Isomeric and I^2 -decay spectroscopy of $\text{Ho}173,174$. Physical Review C, 2020, 102, .</p>	1.1	2
15	<p>SABRE and the Stawell Underground Physics Laboratory Dark Matter Research at the Australian National University. EPJ Web of Conferences, 2020, 232, 01002.</p>	0.1	9
16	<p>Evidence for shape coexistence in ^{52}Cr through conversion-electron and pair-conversion spectroscopy. EPJ Web of Conferences, 2020, 232, 04004.</p>	0.1	6
17	<p>Improved precision on the experimental $\text{E} < \text{E} >$ decay branching ratio of the Hoyle state. Physical Review C, 2020, 102, .</p>	1.2	12
18	<p>Determination of luminosity for in-ring reactions: A new approach for the low-energy domain. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 982, 164367.</p>	0.7	2

#	ARTICLE	IF	CITATIONS
19	Evidence for shape coexistence and superdeformation in ^{24}Mg . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135855.	1.5	11
20	γ -ray and conversion-electron spectroscopy of the high-spin isomer in ^{145}Sm . Physical Review C, 2020, 102, 014305.	1.1	0
21	Properties of ^{187}Ta . Physical Review C, 2020, 102, 014305.	2.9	12
22	Electron capture of ^{136}Xe in collisions with ^{198}Au . Physical Review C, 2020, 101, 014305.	1.0	7
23	^{66}Ge and ^{69}Ge . Physical Review C, 2020, 101, 014305.	1.1	2
24	The $^{136}\text{Xe} + ^{198}\text{Pt}$ reaction: a detailed re-examination. European Physical Journal A, 2020, 56, 1.	1.0	9
25	γ -ray spectroscopy of a four-quasiparticle isomer band in ^{174}Re . Physical Review C, 2020, 101, 014305.	1.1	1
26	Emerging nuclear collectivity in ^{124}Te – ^{130}Te . EPJ Web of Conferences, 2020, 232, 04003.	0.1	5
27	CYGNUS. Journal of Physics: Conference Series, 2020, 1468, 012044.	0.3	5
28	Determination of beta-delayed neutron emission probability limits of rhodium isotopes by gamma-ray spectroscopy. Journal of Physics: Conference Series, 2020, 1643, 012208.	0.3	0
29	Liquid Scintillator Development for the SABRE Detector Experiment. , 2020, , .		0
30	Interplay of quasiparticle and vibrational excitations: First observation of isomeric states in ^{168}Dy and ^{169}Dy . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 799, 135036.	1.5	8
31	First-excited state g factors in the stable, even Ge and Se isotopes. Physical Review C, 2019, 100, .	1.1	4
32	Fast-timing measurements in the ground-state band of ^{114}Pd . Physical Review C, 2019, 100, .	1.1	10
33	Proton-neutron multiplet states and isomers in the odd-odd nucleus ^{132}Sn . Physical Review C, 2019, 100, .	1.1	3
34	Proton Shell Evolution below ^{132}Sn . Physical Review C, 2019, 100, .	2.9	17
35	First Measurement of Low-Lying γ -Emitting Isomers in New Isomers ^{125}Pd and ^{127}Pd : Competing proton and neutron excitations in neutron-rich palladium nuclides towards the $N=82$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 263-268.	1.5	5
36	The SABRE project and the SABRE Proof-of-Principle. European Physical Journal C, 2019, 79, 1.	1.4	73

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37	$^{136}\text{Xe} + \text{Pt} \rightarrow \text{Xe}^{136} + \text{Pt}$ <p>reaction: A test of models</p>	1.1	35
38	Approaching the Gamow Window with Stored Ions: Direct Measurement of $\text{Xe}^{124}(\text{p}, \text{f}^3)$ in the ESR Storage Ring. Physical Review Letters, 2019, 122, 092701.	2.9	38
39	$E > 0$ <p>transition strength in stable Ni isotopes. Physical Review C, 2019, 99, .</p>		
40	Monte Carlo simulation of the SABRE PoP background. Astroparticle Physics, 2019, 106, 1-9.	1.9	26
41	High-spin spectroscopy and shell-model interpretation of the $N \hat{=} 126$ radium isotopes Ra212 and Ra213. Physical Review C, 2018, 97, .	1.1	6
42	Isomer depletion as experimental evidence of nuclear excitation by electron capture. Nature, 2018, 554, 216-218.	13.7	52
43	Mg^{26} <p>Probing the $N = 14$ subshell closure: g factor of the</p>		

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55	Forbidden transition rates. Physical Review C, 2017, 95, . Fast Timing Measurement Using an LaBr ₃ (Ce) Scintillator Detector Array Coupled with Gammasphere. Acta Physica Polonica B, 2017, 48, 351.	1.1	3
56	Isomer Spectroscopy of Neutron-rich $^{165,167}\text{Tb}$. Acta Physica Polonica B, 2017, 48, 601.	0.3	12
57	Decay spectroscopy with Solenogam at the ANU Heavy Ion Accelerator Facility. EPJ Web of Conferences, 2016, 123, 04007.	0.3	3
58	Nuclear lifetime measurements from data with independently varying observation times. EPJ Web of Conferences, 2016, 123, 04004.	0.1	1
59	Recent advances in \hat{I}^2 -decay spectroscopy at CARIBU. EPJ Web of Conferences, 2016, 123, 04006.	0.1	1
60	Electric Monopole Transition Strengths in ^{62}Ni . EPJ Web of Conferences, 2016, 123, 02004.	0.1	1
61	Proton-hole and core-excited states in the semi-magic nucleus ^{131}In . European Physical Journal A, 2016, 52, 1.	1.0	9
62	Search for bound-state electron+positron pair decay. EPJ Web of Conferences, 2016, 123, 04003.	0.1	4
63	Impact of triaxiality on the rotational structure of neutron-rich rhenium isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 311-316.	1.5	8
64	K-mixing in the doubly mid-shell nuclide ^{170}Dy and the role of vibrational degeneracy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 404-408.	1.5	20
65	Physics book: CRYRING@ESR. European Physical Journal: Special Topics, 2016, 225, 797-882.	1.2	101
66	Long-lived K isomer and enhanced \hat{I}^3 vibration in the neutron-rich nucleus ^{172}Dy : Collectivity beyond double midshell. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 641-646.	1.5	24
67	\hat{I}^2 decay of ^{130}Cd : Revision and extension of the level scheme of ^{130}Cd . Physical Review C, 2016, 93, .	1.1	17
68	\hat{I}^2 decay of ^{162}W and ^{162}In . Physical Review C, 2016, 93, .	1.1	8
69	Spectroscopy and high-spin structure of ^{210}Fr : Isomerism and potential evidence for configuration mixing. Physical Review C, 2016, 93, .	1.1	4
70	\hat{I}^2 decay of ^{129}Cd and excited states in ^{129}In . Physical Review C, 2015, 91, .	1.1	20
71	High-spin yrast structure of ^{204}Hg from the decay of a four-hole, ^{222}Mo .	1.1	11
72			

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73	Octupole transitions in the ^{208}Pb region. Journal of Physics: Conference Series, 2015, 580, 012010.	0.3	9
74	Core excitations across the neutron shell gap in ^{207}Tl . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 88-92.	1.5	15
75	Shape Evolution in Neutron-Rich Ru Nuclei. , 2015, , .		0
76	Structure of ^{207}Pb Populated in $^{208}\text{Pb} + ^{208}\text{Pb}$ Deep-inelastic Collisions. Acta Physica Polonica B, 2015, 46, 619.	0.3	3
77	^{12}N Decay Half-Lives of ^{110}N Neutron-Rich Nuclei across the Shell Gap: Implications for the Mechanism and Universality of the Astrophysical Increased Isomeric Lifetime of hydrogen-like ^{192}Os	2.9	167
78	^{192}Os Physical Review C, 2015, 91, .	1.1	12
79	Study of $^{207}\text{Tl}^{126}\text{P}$ Produced in Deep-Inelastic Reactions. EPJ Web of Conferences, 2014, 66, 02110.	0.1	1
80	Angular Distributions of γ Rays from ^{210}Bi Produced in $^{208}\text{Pb} + ^{208}\text{Pb}$ Deep-inelastic Reactions. Acta Physica Polonica B, 2014, 45, 205.	0.3	4
81	^{81}Cd	1.5	22
82	Proton-Hole State in ^{132}Sn	2.9	51
83	^{132}Sn . Physical Review Letters, 2014, 112, .	2.9	24
84	Explored with the Long-Lived Isomer in deformed region. EPJ Web of Conferences, 2014, 66, 02033.	0.1	1
85	^{128}Pd	2.9	67
86	Isomers and excitation modes in the gamma-soft nucleus ^{192}Os . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 330-335.	1.5	20
87	Core Excitations Across the Neutron Shell Gap in ^{207}Tl . Acta Physica Polonica B, 2013, 44, 381.	0.3	4
88	Multiquasiparticle states in the neutron-rich nucleus ^{174}Tm . Physical Review C, 2013, 88, .	1.1	2
89	Shape evolution in $^{116,118}\text{Ru}$: Triaxiality and transition between the $O(6)$ and $U(5)$ dynamical symmetries. Physical Review C, 2013, 88, .	1.1	21
90	Three-quasiparticle isomers and possible deformation in the transitional nuclide, ^{95}Au .	1.1	7

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91	High-spin structure, Isomers, and state mixing in the neutron-rich isotopes ^{173}Tm and ^{175}Tm . Physical Review C, 2012, 86, .	1.1	10
92	Isomers and alignments in ^{191}Ir and ^{192}Os . Journal of Physics: Conference Series, 2012, 381, 012060.	0.3	1
93	Band structure of ^{235}U . Physical Review C, 2012, 86, .	1.1	4
94	Discovery of isomers in dysprosium, holmium, and erbium isotopes with $N=94$. Physical Review C, 2012, 85, .	1.1	7
95	Hindered decays from a non-yrast four-quasiparticle isomer in ^{164}Er . Physical Review C, 2012, 86, .	1.1	10
96	Applications of a 6.5T Superconducting Solenoidal Separator. EPJ Web of Conferences, 2012, 35, 05006.	0.1	0
97	Observation of new $h_{9/2}$ and $h_{11/2}$ bands in ^{187}Tl . EPJ Web of Conferences, 2012, 35, 06002.	0.1	0
98	Levels in ^{210}Fr and the decay of a high-spin, multi-particle isomer. EPJ Web of Conferences, 2012, 35, 06003.	0.1	1
99	Decay of a three-quasiparticle isomer in the neutron-rich nucleus ^{183}Ta . EPJ Web of Conferences, 2012, 35, 06004.	0.1	1
100	Long-lived three-quasiparticle isomers in ^{191}Ir and ^{193}Ir with triaxial deformation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 59-64.	1.5	17
101	Neutron-particle and proton-hole excitations in the $N=128$ isotones ^{208}Hg and ^{209}Tl from spectroscopy following $^{208}\text{Pb}+^{238}\text{U}$ deep-inelastic reactions. Journal of Physics: Conference Series, 2011, 267, 012035.	0.3	3
102	Publisher's Note: Discovery of a nonyrast $K^\pi=8^+$ isomer in ^{162}Dy , and the influence of competing K -mixing mechanisms on its highly forbidden decay [Phys. Rev. C83, 034322 (2011)]. Physical Review C, 2011, 83, .	1.1	0
103	Discovery of a nonyrast $K^\pi=8^+$ isomer in ^{162}Dy , and the influence of competing K -mixing mechanisms on its highly forbidden decay [Phys. Rev. C83, 034322 (2011)]. Physical Review C, 2011, 83, .	1.1	8
104	Various Isomers in Doubly Odd I Isotopes. Journal of the Korean Physical Society, 2011, 59, 1525-1528.	0.3	12
105	Decay Schemes of Three-Quasiparticle Isomers in $^{119,121}\text{Sb}$ and $^{121,123}\text{I}$. Journal of the Korean Physical Society, 2011, 59, 1539-1542.	0.3	5
106	On the character of three 8^+ states in ^{192}Pb . European Physical Journal A, 2010, 43, 145-151.	1.0	7
107	Structure of neutron-rich Wangler-1998 nuclei and evidence for a 10^+ isomer in ^{198}Pt . Physical Review C, 2011, 83, .	1.1	13
108	Structure of neutron-rich Wangler-1998 nuclei and evidence for a 10^+ isomer in ^{198}Pt . Physical Review C, 2011, 83, .	1.1	35

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109	Structure of the ^{168}Er isomer. <i>Physical Review C</i> , 2009, 79, .	1.1	24
110	MULTI-QUASIPARTICLE ISOMERS INVOLVING PROTON-PARTICLE AND NEUTRON-HOLE CONFIGURATIONS IN ^{131}I AND ^{133}I . <i>Modern Physics Letters A</i> , 2010, 25, 1800-1803.	0.5	4
111	Structure of the ^{169}Ho isomer. <i>Physical Review C</i> , 2009, 79, .	1.1	9
112	Decay properties of high-spin isomers and other structures in ^{121}Sb and ^{123}Sb . <i>Physical Review C</i> , 2009, 79, .	1.1	14
113	Multi-quasiparticle isomers involving proton-particle and neutron-hole configurations in ^{131}I and ^{133}I . <i>Physical Review C</i> , 2009, 79, .	1.1	14
114	Fast decay of a three-quasiparticle isomer in ^{171}Tm . <i>Physical Review C</i> , 2009, 79, .	1.1	15
115	Structure of the ^{209}Fr isomer. <i>Physical Review C</i> , 2009, 79, .	1.1	12
116	Decay of the ^{212}Fr isomer. <i>Physical Review C</i> , 2009, 80, .	1.1	12
117	Multi-quasiparticle isomers in ^{174}Lu . <i>Physical Review C</i> , 2009, 80, .	1.1	6
118	Structure of the ^{126}N nucleus. <i>Physical Review C</i> , 2009, 79, .	1.1	18
119	Structure of the ^{132}Po isomer. <i>Physical Review C</i> , 2009, 79, .	1.1	12
120	Lifetime of the ^{189}K isomer in the neutron-rich nucleus ^{189}K . <i>Physical Review C</i> , 2009, 79, .	1.1	25
121	Assignment of levels in ^{208}Fr and 10- isomers in the odd-odd isotones ^{206}At and ^{208}Fr . <i>European Physical Journal A</i> , 2009, 40, 127-130.	1.0	12
122	Identification of ^{192}Sb and ^{232}Sb isomeric states in ^{127}Sb . <i>European Physical Journal A</i> , 2009, 42, 163.	1.0	5
123	High-spin isomers in ^{212}Rn in the region of triple neutron core-excitations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 662, 19-25.	1.5	9
124	Neutron core excitations in the ^{126}N nucleus. <i>Physical Review C</i> , 2008, 77, .	1.1	12
125	Two-quasiparticle isomer, $E1$ hindrances and residual interactions in ^{172}Tm . <i>Physical Review C</i> , 2008, 77, .	1.1	11
126	High-spin, multiparticle isomers in ^{121}Sb , ^{123}Sb . <i>Physical Review C</i> , 2008, 77, .	1.1	13

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127	\hat{I}^3 -ray spectroscopy of neutron-deficient ^{110}Te . I. Low- and intermediate-spin structures. Physical Review C, 2007, 76, .	1.1	9
128	Smooth terminating bands in ^{112}Te : Particle-hole induced collectivity. Physical Review C, 2007, 75, .	1.1	12
129	Structure of the isomeric states in ^{123}Sb . Physical Review C, 2007, 76, .	1.1	15
130	Identification of a high-spin isomer in ^{99}Mo . Physical Review C, 2007, 76, .	1.1	4
131	Rotational damping, ridges, and the quasicontinuum of \hat{I}^3 rays in ^{152}Dy . Physical Review C, 2007, 75, .	1.1	23
132	\hat{I}^3 -ray spectroscopy of neutron-deficient ^{110}Te . II. High-spin smooth-terminating structures. Physical Review C, 2007, 76, .	1.1	13
133	Measurement of conversion electrons with the $^{208}\text{Pb}(p,n)^{208}\text{Bi}$ reaction and derivation of the shell model proton neutron hole interaction from the properties of ^{208}Bi . Physical Review C, 2007, 76, .	1.1	11
134	Magnetic properties of deformed dipole bands in $^{110,112}\text{Te}$. Physica Scripta, 2006, T125, 192-193.	1.2	0
135	Two-quasiparticle K-isomers and pairing strengths in the neutron-rich isotopes ^{174}Er and ^{172}Er . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 635, 200-206.	1.5	39
136	Magnetic properties of smooth terminating dipole bands in $^{110,112}\text{Te}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 636, 25-30.	1.5	12
137	Excitation energies of superdeformed states in the Pb isotopes. AIP Conference Proceedings, 2006, , .	0.3	2
138	Microsecond and nanosecond isomers populated in fission reactions. AIP Conference Proceedings, 2006, , .	0.3	1
139	Novel Recoil Spectrometer for Characterising Nuclei Far From Stability. AIP Conference Proceedings, 2006, , .	0.3	2
140	Anomalous Isomeric Decays in ^{174}Lu as a Probe of K-Mixing and Interactions in Deformed Nuclei. Physical Review Letters, 2006, 97, 122501.	2.9	39
141	High-spin isomers and three-neutron valence configurations in ^{211}Pb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 606, 34-42.	1.5	22
142	Strength of octupole correlations in the actinides: contrasting behavior in the isotones ^{237}U and ^{239}Pu . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 618, 51-59.	1.5	24
143	Quadrupole moment of the yrast superdeformed band in ^{192}Pb . Nuclear Physics A, 2005, 748, 12-26.	0.6	6
144	Observation of a superdeformed band in ^{190}Pb . European Physical Journal A, 2005, 24, 179-183.	1.0	8

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145	Structure Of Multi-Quasiparticle Isomers In The Region Of 177Lu. AIP Conference Proceedings, 2005, , .	0.3	0
146	Structure of two-, four-, and six-quasiparticle isomers in Yb174 and K-forbidden decays. Physical Review C, 2005, 71, .	1.1	41
147	Investigation of antimagnetic rotation in light Cadmium nuclei: Cd106,108. Physical Review C, 2005, 72, .	1.1	49
148	Excitation Energies of Superdeformed States in Pb196: Towards a Systematic Study of the Second Well in Pb Isotopes. Physical Review Letters, 2005, 95, 182501.	2.9	18
149	E3 strength of the $11\hbar^2$ to $8\hbar^2$ isomeric decays in Pb194 and Pb196 and oblate deformation. Physical Review C, 2005, 72, .	1.1	26
150	Spectroscopy of ^{212}Po and ^{213}At using a ^8He radioactive beam and EXOGAM. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1851-S1854.	1.4	12
151	High-angular-momentum structures in Zn64. Physical Review C, 2004, 69, .	1.1	21
152	Spectroscopy of Pb10682188: Evidence for shape coexistence. Physical Review C, 2004, 69, .	1.1	48
153	High-spin study of rotational structures in Br72. Physical Review C, 2004, 69, .	1.1	6
154	g factors of the $9\hbar^2$ and $11\hbar^2$ isomers in Pb194 and Pb196: Configuration mixing and deformation. Physical Review C, 2004, 69, .	1.1	14
155	Electromagnetic properties of pseudo-Nilsson bands in 185Os. European Physical Journal A, 2004, 19, 319-325.	1.0	6
156	K-Mixing and fast decay of a seven-quasiparticle isomer in ^{179}Ta . European Physical Journal A, 2004, 22, 23-27.	1.0	17
157	Identification of yrast high-K isomers in ^{177}Lu and characterisation of ^{177m}Lu . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 584, 22-30.	1.5	28
158	High-spin states, lifetime measurements and isomers in 181Os. Nuclear Physics A, 2003, 728, 287-338.	0.6	11
159	$\hat{\gamma}^3$ -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
160	Direct Decays from Superdeformed States in Pb192 Observed Using Time-Correlated $\hat{\gamma}^3$ -Ray Spectroscopy. Physical Review Letters, 2003, 90, 142501.	2.9	35
161	Evidence for a New Type of Shears Mechanism in Cd106. Physical Review Letters, 2003, 91, 162501.	2.9	68
162	Isomer bands, E0 transitions, and mixing due to shape coexistence in ^{82}Pb and ^{106}Pb . Physical Review C, 2003, 67, .	1.1	44

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163	Multiphonon Vibrations at High Angular Momentum in ^{182}Os . Physical Review Letters, 2003, 91, 182501.	2.9	14
164	High-Spin Isomers, Residual Interactions And Octupole Correlations In The N=128 Isotones: ^{211}Bi , ^{212}Po and ^{213}At . AIP Conference Proceedings, 2003, , .	0.3	4
165	Isomers And E0 Transitions As A Probe Of Triple Shape Co-existence In ^{188}Pb . AIP Conference Proceedings, 2003, , .	0.3	0
166	Octupole Vibration in Superdeformed $^{152}\text{y86}$. Physical Review Letters, 2002, 89, 282501.	2.9	36
167	Direct Decay from the Superdeformed Band to the Yrast Line in $^{152}\text{y86}$. Physical Review Letters, 2002, 88, 042501.	2.9	61
168	Excited structure with a very extended shape in ^{108}Cd . Physical Review C, 2002, 65, .	1.1	9
169	Search for the Jacobi shape transition in rapidly rotating nuclei. Physical Review C, 2002, 66, .	1.1	16
170	Comparative quadrupole moments of triaxial superdeformed states in 163 , 164 , ^{165}Lu . European Physical Journal A, 2002, 15, 435-437.	1.0	33
171	Lifetimes of superdeformed rotational states in ^{36}Ar . Physical Review C, 2001, 63, .	1.1	71
172	Excited states and deformation of ^{112}Xe . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 523, 13-21.	1.5	25
173	Blue: a database for high-fold $\hat{\Gamma}^3$ -ray coincidence data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 462, 519-529.	0.7	58
174	Effective Charge of the $\hat{\Gamma}^{11/2}$ Orbital and the Electric Field Gradient of Hg from the Yrast Structure of ^{206}g . Physical Review Letters, 2001, 87, 212501.	2.9	47
175	Smooth band termination at high spin in ^{113}I . Physical Review C, 2001, 64, .	1.1	20
176	Spectroscopy in the Z=49 $^{108,110}\text{In}$ isotopes: Lifetime measurements in shears bands. Physical Review C, 2001, 64, .	1.1	64
177	Empirical Investigation of Extreme Single-Particle Behavior of Nuclear Quadrupole Moments in Highly Collective $^{150}\text{Superdeformed Bands}$. Physical Review Letters, 2001, 87, 172503.	2.9	10
178	Identification of excited states in ^{117}Cs : Systematics of the $\hat{\Gamma}^{1/2}$ ($h^{11/2}$) alignment. Physical Review C, 2001, 63, .	1.1	15
179	Very Extended Shapes in the $^{110}\text{Region}$. Physical Review Letters, 2001, 87, 202502.	2.9	19
180	Three-dimensional position sensitivity in two-dimensionally segmented HP-Ge detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 452, 223-238.	0.7	106

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181	Performance of the GRETA prototype detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 452, 105-114.	0.7	76
182	Collective T=0 pairing in N=Z nuclei? Pairing vibrations around ^{56}Ni revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 480, 1-6.	1.5	45
183	Multiple shape-driving $\frac{1}{2}(h_{11/2})^2$ and $\frac{1}{2}(h_{11/2})^2$ alignments in ^{120}Ba . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 483, 7-14.	1.5	10
184	Search for magnetic rotation in ^{202}Pb and ^{203}Pb . European Physical Journal A, 2000, 9, 161-164.	1.0	9
185	$\hat{\Gamma}^3$ -ray spectroscopy in ^{111}Te . Physical Review C, 2000, 61, .	1.1	18
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