

# Tibor Kibedi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6800486/publications.pdf>

Version: 2024-02-01

204  
papers

4,876  
citations

136950

32  
h-index

123424

61  
g-index

207  
all docs

207  
docs citations

207  
times ranked

1940  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of 125I Auger emission spectrum with new atomic parameters from MCDHF calculations. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 277, 107964.	2.3	2
2	Electric monopole transitions in nuclei. Progress in Particle and Nuclear Physics, 2022, 123, 103930.	14.4	19
3	Electric Monopole Transition from the Superdeformed Band in $^{40}\text{Ca}$ . Various collective states in the $^{124}\text{Ca}$ nucleus. Physical Review C, 2021, 103, .	7.8	2
4	Targeted Radionuclide Therapy Using Auger Electron Emitters: The Quest for the Right Vector and the Right Radionuclide. Pharmaceutics, 2021, 13, 980.	4.5	14
5	High-precision proton angular distribution measurements of $^{12}\text{C}$ for the determination of the $^{12}\text{C}$ nucleus. Physical Review C, 2021, 104, .	2.9	0
6	A benchmarking study of Geant4 for Auger electrons emitted by medical radioisotopes. Applied Radiation and Isotopes, 2021, 174, 109777.	1.5	2
7	Emerging collectivity in neutron-hole transitions near doubly magic 208Pb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136738.	4.1	5
8	Table of electronic factors for E0 electron and electron-positron pair conversion transitions. Atomic Data and Nuclear Data Tables, 2020, 131, 101283.	2.4	14
9	Solenogam: A new detector array for $\hat{\gamma}$ -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.	1.6	3
10	Radiative Width of the Hoyle State from $^{12}\text{C}$ -Ray Spectroscopy. Physical Review Letters, 2020, 125, 182701.	7.8	26
11	Evidence for shape coexistence in $^{52}\text{Cr}$ through conversion-electron and pair-conversion spectroscopy. EPJ Web of Conferences, 2020, 232, 04004.	0.3	6
12	Improved precision on the experimental $E_{0\gamma}$ decay branching ratio of the Hoyle state. Physical Review C, 2020, 102, .	2.9	0
13	Evidence for shape coexistence and superdeformation in $^{24}\text{Mg}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135855.	4.1	11
14	$^{13}\text{C}$ -ray and conversion-electron spectroscopy of the high-spin isomer in $^{69}\text{Zn}$ . Hyperfine fields at $^{69}\text{Zn}$ .	2.9	2
15	$^{69}\text{Zn}$ spectroscopy of a four-quasiparticle isomer band in $^{69}\text{Zn}$ .	2.9	1
16	Electron spectrometer for electric monopole (E0) transition studies in nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 964, 163809.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Development of a new database for Auger electron and X-ray spectra. EPJ Web of Conferences, 2020, 232, 01006.	0.3	4
20	Emerging nuclear collectivity in $^{124}\text{Te}$ – $^{130}\text{Te}$ . EPJ Web of Conferences, 2020, 232, 04003.	0.3	5
21	International network of nuclear structure and decay data evaluators. EPJ Web of Conferences, 2020, 239, 15004.	0.3	6
22	First-excited state $g$ factors in the stable, even Ge and Se isotopes. Physical Review C, 2019, 100, .	2.9	4
23	Proton-neutron multiplet states and isomers in the odd-odd nucleus $^{122}\text{I}$ . Physical Review C, 2019, 100, .	2.9	3
24	Recommended Nuclear Data for the Production of Selected Therapeutic Radionuclides. Nuclear Data Sheets, 2019, 155, 56-74.	2.2	27
25	High-resolution conversion electron spectroscopy of the $^{125}\text{I}$ electron-capture decay. Physical Review C, Spectroscopy and excited-state $g$ factors in	2.9	10
26	weakly collective $^{111}\text{Cd}$ : Confronting collective and microscopic models. Physical Review C, 2019, 100, .	2.9	14
27	Recommended nuclear data for medical radioisotope production: diagnostic positron emitters. Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 533-666.	1.5	49
28	Quantitative electron spectroscopy of $^{125}\text{I}$ over an extended energy range. Journal of Electron Spectroscopy and Related Phenomena, 2019, 232, 73-82.	1.7	6
29	$^{135}\text{La}$ transition strength in stable Ni isotopes. Physical Review C, 2019, 99, .	1.9	4
30	Recommended nuclear data for medical radioisotope production: diagnostic gamma emitters. Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 487-531.	1.5	39
31	High-spin spectroscopy and shell-model interpretation of the $N=126$ radium isotopes $^{212}\text{Ra}$ and $^{213}\text{Ra}$ . Physical Review C, 2018, 97, .	2.9	6
32	$^{135}\text{La}$ as an Auger-electron emitter for targeted internal radiotherapy. Physics in Medicine and Biology, 2018, 63, 015026.	3.0	19
33	Reference Cross Sections for Charged-particle Monitor Reactions. Nuclear Data Sheets, 2018, 148, 338-382.	2.2	165
34	Probing the $N=14$ subshell closure: $g$ factor of the $^{26}\text{Mg}$		

#	ARTICLE	IF	CITATIONS
37	Identification of significant E0 strength in the $^{62}\text{Ni}$ nucleus. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 779, 396-401.	4.1	12
38	Absorbed dose evaluation of Auger electron-emitting radionuclides: impact of input decay spectra on dose point kernels and $S$ -values. <i>Physics in Medicine and Biology</i> , 2017, 62, 2239-2253.	3.0	24
39	Microscopic method for $E_0$ transition matrix elements. <i>Physical Review C</i> , 2017, 95, .	2.9	4
40	In-beam spectroscopy studies of medium-spin states in the odd-odd nucleus $^{186}\text{Re}$ . <i>Physical Review C</i> , 2017, 96, .	2.9	4
41	Perturbed angular distributions with LaBr <sub>3</sub> detectors: The $g$ factor of the first 10+ state in $^{110}\text{Cd}$ reexamined. <i>Physical Review C</i> , 2017, 96, .	2.9	6
42	Three-quasiparticle isomer in $^{173}\text{Ta}$ and the excitation energy dependence of $K$ -forbidden transition rates. <i>Physical Review C</i> , 2017, 95, .	2.9	3
43	IAEA coordinated research project on nuclear data for charged-particle monitor reactions and medical isotope production. <i>EPJ Web of Conferences</i> , 2017, 146, 08007.	0.3	4
44	Systematic Studies Of E0 Transitions In $^{54,56,58}\text{Fe}$ . , 2017, , .		1
45	Towards an Experimental Determination of the Transition Strength Between the Ground States of $^{20}\text{F}$ and $^{20}\text{Ne}$ . , 2017, , .		0
46	Decay spectroscopy with Solenogam at the ANU Heavy Ion Accelerator Facility. <i>EPJ Web of Conferences</i> , 2016, 123, 04007.	0.3	1
47	Electric Monopole Transition Strengths in $^{62}\text{Ni}$ . <i>EPJ Web of Conferences</i> , 2016, 123, 02004.	0.3	1
48	A stochastic cascade model for Auger-electron emitting radionuclides. <i>International Journal of Radiation Biology</i> , 2016, 92, 641-653.	1.8	18
49	Particle-rotor versus particle-vibration features in $^{111}\text{Cd}$ and $^{111}\text{In}$ . <i>Physical Review C</i> , 2016, 93, 044307.	2.9	15
50	Strand breakage by decay of DNA-bound $^{124}\text{I}$ provides a basis for combined PET imaging and Auger endoradiotherapy. <i>International Journal of Radiation Biology</i> , 2016, 92, 686-697.	1.8	6
51	Auger yield calculations for medical radioisotopes. <i>EPJ Web of Conferences</i> , 2015, 91, 00007.	0.3	7
52	Search for environmental effects on the KLL Auger spectrum of rubidium generated in radioactive decay. <i>Physica Scripta</i> , 2015, 90, 025402.	2.5	8
53	Configurations and hindered decays of $K$ isomers in deformed nuclei with $^{192}\text{Os}$ . <i>Physical Review C</i> , 2015, 91, .	2.4	94
54	Increased isomeric lifetime of hydrogen-like $^{192}\text{Os}$ . <i>Physical Review C</i> , 2015, 91, .	2.9	12

#	ARTICLE	IF	CITATIONS
55	The Peculiar Binary System AE Aquarii from its Characteristic Multi-wavelength Emission. EPJ Web of Conferences, 2014, 64, 07003.	0.3	1
56	Influence of host matrices on krypton electron binding energies and KLL Auger transition energies. Journal of Electron Spectroscopy and Related Phenomena, 2014, 197, 64-71.	1.7	7
57	A Model to Realize the Potential of Auger Electrons for Radiotherapy. EPJ Web of Conferences, 2013, 63, 01002.	0.3	4
58	Measurement of the radiative branching ratio for the Hoyle state using cascade gamma decays. EPJ Web of Conferences, 2013, 63, 01022.	0.3	3
59	INTERNAL CONVERSION ELECTRON STUDY OF EXCITED STATES IN $^{76}\text{As}$ . , 2013, , .		0
60	A NEW APPROACH TO THE MEASUREMENT OF THE RADIATIVE WIDTH OF THE HOYLE STATE. , 2013, , .		0
61	Atomic Radiations in the Decay of Medical Radioisotopes: A Physics Perspective. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-14.	1.3	14
62	Towards the pair spectroscopy of the Hoyle state in $^{12}\text{C}$ . EPJ Web of Conferences, 2012, 35, 06001.	0.3	8
63	Development of a new Si(Li)-detector array for the pair spectroscopy of the Hoyle-state. , 2012, , .		0
64	Discovery of isomers in dysprosium, holmium, and erbium isotopes with $N=94$ to 97. Physical Review C, 2012, 85, .	2.9	7
65	Hindered decays from a non-yrast four-quasiparticle isomer in $^{164}\text{Er}$ . Physical Review C, 2012, 86, .	2.9	10
66	Applications of a 6.5T Superconducting Solenoidal Separator. EPJ Web of Conferences, 2012, 35, 05006.	0.3	0
67	Atomic Radiation in Nuclear Decay. EPJ Web of Conferences, 2012, 35, 04003.	0.3	0
68	Conversion coefficients for superheavy elements. Atomic Data and Nuclear Data Tables, 2012, 98, 313-355.	2.4	10
69	Measured $g$ factors and the tidal-wave description of transitional nuclei near $A=100$ . Physical Review C, 2011, 83, .	2.9	56
70	Publisher's Note: Discovery of a nonyrast $K^{\pi}=8^{+}$ isomer in $^{162}\text{Dy}$ , and the influence of competing $K$ -mixing mechanisms on its highly forbidden decay [Phys. Rev. C 83, 034322 (2011)]. Physical Review C, 2011, 83, .	2.9	0
71	Discovery of a nonyrast $K^{\pi}=8^{+}$ isomer in $^{162}\text{Dy}$ , and the influence of competing $K$ -mixing mechanisms on its highly forbidden decay [Phys. Rev. C 83, 034322 (2011)]. Physical Review C, 2011, 83, .	2.9	8
72	Various Isomers in Doubly Odd $I$ Isotopes. Journal of the Korean Physical Society, 2011, 59, 1525-1528.	0.7	12

#	ARTICLE	IF	CITATIONS
73	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.	0.7	5
74	Conversion Coefficients for Superheavy Elements. Journal of the Korean Physical Society, 2011, 59, 1483-1486.	0.7	0
75	SOLITAIRE: A new generation solenoidal fusion product separator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 614, 119-129.	1.6	22
76	Resonance behavior of internal conversion coefficients at low $\beta$ -ray energy. Physical Review C, 2010, 81, .	2.9	4
77	Decay properties of high-spin isomers and other structures in $^{121}\text{Sb}$ and $^{123}\text{Sb}$ . Physical Review C, 2009, 79, .	2.9	14
78	Publisher's Note: Relative $g$ -factor measurements in $^{54}\text{Fe}$ and implications for transient-field calibration in the Fe region [Phys. Rev. C 79, 024303 (2009)]. Physical Review C, 2009, 80, .	2.9	0
79	Fast decay of a three-quasiparticle isomer in $^{171}\text{Tm}$ and implications for spectroscopy and high-spin structure of $^{171}\text{Tm}$ . Physical Review C, 2009, 79, .	2.9	11
80	Structure of the $^{126}\text{Rn}$ nucleus. Physical Review C, 2009, 79, .	2.9	15
81	Characterization of the $^{132}\text{Pb}$ nucleus: Valence and isomer in $^{132}\text{Pb}$ as a shears-mode bandhead. Physical Review C, 2009, 79, .	2.9	12
82	Relative $g$ -factor measurements in $^{54}\text{Fe}$ , $^{56}\text{Fe}$ , and $^{58}\text{Fe}$ . Physical Review C, 2009, 79, .	2.9	11
83	Multi-quasiparticle isomers in $^{174}\text{Lu}$ . Physical Review C, 2009, 80, .	2.9	6
84	Structure of the $^{126}\text{Rn}$ nucleus. Physical Review C, 2009, 79, .	2.9	18
85	Characterization of the $^{132}\text{Pb}$ nucleus: Valence and isomer in $^{132}\text{Pb}$ as a shears-mode bandhead. Physical Review C, 2009, 79, .	2.9	12
86	Nuclear Data Sheets for $A = 84$ . Nuclear Data Sheets, 2009, 110, 2815-2944.	2.2	51
87	Assignment of levels in $^{208}\text{Fr}$ and $10^-$ isomers in the odd-odd isotones $^{206}\text{At}$ and $^{208}\text{Fr}$ . European Physical Journal A, 2009, 40, 127-130.	2.5	12
89	New approach to determine the radiative width of the Hoyle state. , 2009, , .		3
90	Evaluation of theoretical conversion coefficients using Brllcc. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 589, 202-229.	1.6	771

#	ARTICLE	IF	CITATIONS
91	High-spin isomers in $^{212}\text{Rn}$ in the region of triple neutron core-excitations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 19-25.	4.1	9
92	g factors in $^{116,118,120}\text{Sn}$ : Sensitivity to configurations near the Fermi surface. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 665, 147-151.	4.1	23
93	Neutron core excitations in the $^{126}\text{Po}$ nucleus. $^{126}\text{Po}$ Physical Review C, 2008, 77, .	2.9	12
94	Two-quasiparticle isomer, hindrances and residual interactions in $^{172}\text{Tm}$ . Physical Review C, 2008, 77, .	2.9	11
95	Structure of the isomeric states in $^{123}\text{Sb}$ and $^{125}\text{Sb}$ . Physical Review C, 2007, 76, .	2.9	15
96	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 $^{208}\text{Bi}$ . Physical Review C, 2007, 76, .	2.9	11
97	Internal conversion coefficients - How good are they now?. , 2007, , .		3
98	Studies of multi-quasiparticle K-isomers in rare-earth and trans-fermium nuclei. , 2007, , .		2
99	Novel Recoil Spectrometer for Characterising Nuclei Far From Stability. AIP Conference Proceedings, 2006, , .	0.4	2
100	Shape-driving effects in the triaxial nucleus, $^{128}\text{Xe}$ . Physical Review C, 2006, 74, .	2.9	23
101	Anomalous Isomeric Decays in $^{174}\text{Lu}$ as a Probe of K-Mixing and Interactions in Deformed Nuclei. Physical Review Letters, 2006, 97, 122501.	7.8	39
102	Spherical And Deformed Structures In $^{189}\text{Pb}$ . AIP Conference Proceedings, 2005, , .	0.4	0
103	High spin states in $^{210}\text{Rn}$ approaching the region of 3-particle hole neutron excitations. Nuclear Physics A, 2005, 756, 83-117.	1.5	15
104	Electric monopole transitions between $0^+$ states for nuclei throughout the periodic table. Atomic Data and Nuclear Data Tables, 2005, 89, 77-100.	2.4	139
105	Structure Of Multi-Quasiparticle Isomers In The Region Of $^{177}\text{Lu}$ . AIP Conference Proceedings, 2005, , .	0.4	0
106	A New Tool to Interpolate Conversion Coefficients and $E0$ Electronic Factors. AIP Conference Proceedings, 2005, , .	0.4	13
107	Electric Monopole Transitions between $0^+$ States for Nuclei throughout the Periodic Table. AIP Conference Proceedings, 2005, , .	0.4	1
108	Structure of two-, four-, and six-quasiparticle isomers in $^{174}\text{Yb}$ and K-forbidden decays. Physical Review C, 2005, 71, .	2.9	41

#	ARTICLE	IF	CITATIONS
109	High-K states in the odd-odd nuclide $^{180}\text{Re}$ . <i>Physical Review C</i> , 2005, 72, .	2.9	7
110	E3 strength of the $11\hbar^2$ isomeric decays in $^{194}\text{Pb}$ and $^{196}\text{Pb}$ and oblate deformation. <i>Physical Review C</i> , 2005, 72, .	2.9	26
111	Spherical and deformed structures in $^{189}\text{Pb}$ . <i>Physical Review C</i> , 2005, 71, .	2.9	14
112	Conversion-electron study of $0^+$ excitations in $^{208}\text{Pb}$ . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1705-S1708.	3.6	6
113	Microsecond isomers in $^{125}\text{Sb}$ . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1899-S1902.	3.6	3
114	Spectroscopy of $^{218}\text{Po}$ : Evidence for shape coexistence. <i>Physical Review C</i> , 2004, 69, .	2.9	48
115	g factors of the $9\hbar^2$ and $11\hbar^2$ isomers in $^{194}\text{Pb}$ and $^{196}\text{Pb}$ : Configuration mixing and deformation. <i>Physical Review C</i> , 2004, 69, .	2.9	14
116	K-Mixing and fast decay of a seven-quasiparticle isomer in $^{179}\text{Ta}$ . <i>European Physical Journal A</i> , 2004, 22, 23-27.	2.5	17
117	Identification of yrast high-K isomers in $^{177}\text{Lu}$ and characterisation of $^{177m}\text{Lu}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 584, 22-30.	4.1	28
118	Isomer bands, $E0$ transitions, and mixing due to shape coexistence in $^{218}\text{Po}$ . <i>Physical Review C</i> , 2003, 67, .	2.9	44
119	Isomers And $E0$ Transitions As A Probe Of Triple Shape Co-existence In $^{188}\text{Pb}$ . <i>AIP Conference Proceedings</i> , 2003, , .	0.4	0
120	Persistence of K-isomerism in the $N=104$ isotones: Observation of a high-seniority isomer in $^{179}\text{Re}$ . <i>Physical Review C</i> , 2002, 66, .	2.9	7
121	Study of the $K^{\pi}=8^-$ isomeric decay in the $N=74$ isotone $^{128}\text{Xe}$ . <i>Progress of Theoretical Physics Supplement</i> , 2002, 146, 611-612.	0.1	1
122	REDUCED ELECTRIC-OCTUPOLE TRANSITION PROBABILITIES, $B(E3; 0^+ \rightarrow 3^+)$ AN UPDATE. <i>Atomic Data and Nuclear Data Tables</i> , 2002, 80, 35-82.	2.4	361
123	Competing phenomena: high-seniority excitations and $\hbar^3$ -softness in $^{184}\text{Os}$ . <i>Nuclear Physics A</i> , 2002, 699, 415-449.	1.5	30
124	Low-spin non-yrast states in light tungsten isotopes and the evolution of shape coexistence. <i>Nuclear Physics A</i> , 2001, 688, 669-715.	1.5	37
125	Candidate chiral band in $^{138}\text{La}$ . <i>Nuclear Physics A</i> , 2001, 691, 577-598.	1.5	98
126	Core-excited states and core-polarization effects in $^{210}\text{At}$ and $^{211}\text{At}$ . <i>Nuclear Physics A</i> , 2001, 694, 3-62.	1.5	32



#	ARTICLE	IF	CITATIONS
127	Effect of oblate deformation on E3 strengths in light lead and polonium isotopes. <i>Physical Review C</i> , 2001, 63, .	2.9	27
128	Multi-quasiparticle isomers and rotational bands in Re. <i>Nuclear Physics A</i> , 2000, 674, 301-329.	1.5	15
129	Core-excitations in Po. <i>Nuclear Physics A</i> , 2000, 665, 318-331.	1.5	12
130	Rotational and multi-quasiparticle excitations in Re. <i>Nuclear Physics A</i> , 2000, 672, 54-88.	1.5	20
131	Microsecond isomers in <sup>187</sup> Tl and <sup>188</sup> Pb. <i>European Physical Journal A</i> , 2000, 7, 41-44.	2.5	24
132	Normal and anomalous K-hindered decays from four-quasiparticle isomers in <sup>176</sup> Lu. <i>Physical Review C</i> , 2000, 62, .	2.9	29
133	Conversion coefficients and band assignments in <sup>180</sup> Ta. <i>Physical Review C</i> , 2000, 62, .	2.9	19
134	Competition between high-K states and rotational structures in <sup>177</sup> Ta. <i>Physical Review C</i> , 2000, 61, .	2.9	21
135	Spherical and deformed isomers in <sup>188</sup> Pb. <i>Physical Review C</i> , 1999, 60, .	2.9	35
136	High-spin states, yrast isomers and residual interactions in the odd-odd nucleus <sup>212</sup> At. <i>Nuclear Physics A</i> , 1999, 650, 3-36.	1.5	19
137	Non-yrast states and shape co-existence in light Pt isotopes. <i>Nuclear Physics A</i> , 1999, 657, 219-250.	1.5	60
138	Multi-quasiparticle isomers and rotational bands in <sup>178</sup> W. <i>Nuclear Physics A</i> , 1998, 632, 229-274.	1.5	54
139	Intrinsic states and rotational bands in <sup>176</sup> Ta and <sup>178</sup> Ta. <i>Nuclear Physics A</i> , 1998, 632, 473-539.	1.5	36
140	Spectroscopy of <sup>215</sup> Ra: the shell model and enhanced E3 transitions. <i>Nuclear Physics A</i> , 1998, 641, 401-429.	1.5	15
141	Single and multi-quasiparticle states in <sup>181</sup> Ta from incomplete fusion. <i>Physical Review C</i> , 1998, 58, 1837-1840.	2.9	14
142	Intrinsic states and collective structures in <sup>180</sup> Ta. <i>Physical Review C</i> , 1998, 58, 1444-1466.	2.9	47
143	Blocking of Octupole Correlations Deduced from the Decay of a Multiparticle Isomer in <sup>212</sup> At. <i>Physical Review Letters</i> , 1998, 80, 2077-2080.	7.8	19
144	New features in the systematics of low-spin states in <sup>170</sup> – <sup>178</sup> W. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 1998, 7, 87-96.	0.4	8

#	ARTICLE	IF	CITATIONS
145	Incomplete fusion as a spectroscopic tool. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1997, 23, 1191-1202.	3.6	58
146	Systematics of $K^{\pi}=8^{\pi}$ isomers in $N=74$ nuclei. <i>Physical Review C</i> , 1997, 55, 620-624.	2.9	25
147	Tilted Rotation and Backbending in an Odd-Proton Nucleus. <i>Physical Review Letters</i> , 1997, 79, 605-608.	7.8	30
148	K-forbidden transitions from multi-quasiparticle states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 408, 42-46.	4.1	82
149	Core-excited states and the yrast line in $^{208}\text{Po}$ . <i>Nuclear Physics A</i> , 1997, 615, 95-116.	1.5	18
150	Multi-quasiparticle states in $^{179}\text{Ta}$ and structural changes in the yrast line of the odd tantalum isotopes. <i>Nuclear Physics A</i> , 1997, 617, 91-130.	1.5	58
151	$\beta^{\pi}$ Decay and Cosmic $\gamma$ Ray Half-Life of $^{54}\text{Mn}$ . <i>Astrophysical Journal</i> , 1997, 489, 951-959.	4.5	9
152	Intrinsic states and rotational bands in $^{175}\text{Ta}$ . <i>Nuclear Physics A</i> , 1996, 601, 195-233.	1.5	22
153	The ANU linac cryogenic system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 382, 167-171.	1.6	4
154	Structure and decay of a four-quasiparticle $15^{\pi}$ isomer in $^{180}\text{Ta}$ . <i>Physical Review C</i> , 1996, 53, 1205-1209.	2.9	29
155	Configuration changes and hindered decays in four- and six-quasiparticle isomers in $^{178}\text{Ta}$ . <i>Physical Review C</i> , 1996, 54, R459-R463.	2.9	14
156	High-spin proton and neutron intruder configurations in $^{106}\text{Cd}$ . <i>Nuclear Physics A</i> , 1995, 586, 351-376.	1.5	39
157	High-spin states in $^{183}\text{Hg}$ and shape coexistence in the odd-mass mercury isotopes. <i>Nuclear Physics A</i> , 1995, 589, 129-159.	1.5	24
158	High-K structures in $^{136}\text{Sm}$ . <i>Physical Review C</i> , 1995, 51, 1745-1753.	2.9	17
159	Rotation of an Eight-Quasiparticle Isomer. <i>Physical Review Letters</i> , 1995, 75, 406-409.	7.8	27
160	$K^{\pi}=6^{\pi}$ and $8^{\pi}$ isomer decays in $^{172}\text{Hf}$ and $^{172}\text{K}$ $E1$ transition rates. <i>Physical Review C</i> , 1994, 49, 1718-1721.	2.9	30
161	$K^{\pi}=8^{\pi}$ isomer in $^{136}\text{Sm}$ . <i>Physical Review C</i> , 1994, 50, 480-482.	2.9	14
162	Non-yrast states and shape co-existence in $^{172}\text{Os}$ . <i>Nuclear Physics A</i> , 1994, 568, 90-106.	1.5	35

#	ARTICLE	IF	CITATIONS
163	Low-spin non-yrast states and collective excitations in 174Os, 176Os, 178Os, 180Os, 182Os and 184Os. Nuclear Physics A, 1994, 567, 183-236.	1.5	64
164	Structure of low-lying high-spin states in 204Hg and 205Hg. Nuclear Physics A, 1994, 580, 64-80.	1.5	7
165	Yrast isomers, multi-quasiparticle states and blocking in 176Ta and 177Ta. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 328, 16-21.	4.1	30
166	Yrast four-quasi-particle states in 182W. Nuclear Physics A, 1994, 567, 414-430.	1.5	13
167	Octupole coupling and proton-neutron interactions in 214Fr. Nuclear Physics A, 1994, 567, 445-476.	1.5	23
168	Multi-quasiparticle and rotational structures in 179W: Fermi alignment, the $\pi K$ -selection rule and blocking. Nuclear Physics A, 1994, 568, 397-444.	1.5	92
169	Structure of high-spin yrast states in 205Pb and 206Pb. Nuclear Physics A, 1994, 580, 43-63.	1.5	13
170	Systematic measurements of transient fields for W, Os and Pt ions traversing Fe. Hyperfine Interactions, 1994, 88, 97-119.	0.5	13
171	Intrinsic states and collective structures in 181Ir. Nuclear Physics A, 1993, 554, 439-484.	1.5	26
172	Multiparticle-octupole coupling and magnetic moments of isomers in N = 126 isotones. Nuclear Physics A, 1993, 555, 355-368.	1.5	15
173	Proton-neutron interactions in the odd-odd nucleus 214Fr. Nuclear Physics A, 1993, 553, 519-522.	1.5	4
174	Transient fields for high-velocity 24Mg in Fe. No evidence for heavy beam induced attenuations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 312, 40-45.	4.1	3
175	Spectroscopy of 211Rn approaching the valence limit. Nuclear Physics A, 1993, 560, 822-844.	1.5	15
176	Anomalous band-crossings in the N=57 isotones 103Pd and 105Cd. Journal of Physics G: Nuclear and Particle Physics, 1993, 19, L157-L162.	3.6	28
177	High-spin bandcrossings in 129Ba. Nuclear Physics A, 1992, 550, 564.	1.5	0
178	High-spin bandcrossing in 129Ba. Nuclear Physics A, 1992, 548, 131-158.	1.5	29
179	Spectroscopy and shell model interpretation of high-spin states in the N = 126 nucleus 214Ra. Nuclear Physics A, 1992, 548, 159-188.	1.5	24
180	Intrinsic states and alignments in 175Re. Nuclear Physics A, 1992, 539, 137-162.	1.5	21

#	ARTICLE	IF	CITATIONS
181	Transient field measurements of first-excited state factors in $^{188,190,192}\text{Os}$ . Zeitschrift für Physik A, 1992, 342, 373-377.	0.9	13
182	Multi-quasi-particle states in $^{173}\text{Hf}$ . Nuclear Physics A, 1991, 523, 426-452.	1.5	27
183	Spectroscopy of $^{175}\text{Ir}$ and $^{177}\text{Ir}$ and deformation effects in odd iridium nuclei. Nuclear Physics A, 1991, 534, 173-203.	1.5	40
184	Contrasting behaviour of proton and neutron bands in $^{175,177,179,181}\text{Ir}$ interpreted in an intruder model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 21-26.	4.1	22
185	Resolution of the isomer $^{179}\text{m}$ anomaly: Exposure of a Fermi-aligned band. Physical Review Letters, 1991, 67, 433-436.	7.8	49
186	High-spin yrast isomer in $^{211}\text{Rn}$ and $^{212}\text{Rn}$ with enhanced E3 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 31-35.	4.1	23
187	Lens-mode operation of a superconducting electron spectrometer in (HI, xn) reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 294, 523-533.	1.6	55
188	Intrinsic states and rotational bands in $^{177}\text{Pt}$ . Nuclear Physics A, 1990, 510, 533-556.	1.5	29
189	Conversion coefficients and yrast state spins in $^{180}\text{Os}$ . Nuclear Physics A, 1990, 509, 605-614.	1.5	9
190	High-spin states and intrinsic structure in $^{174}\text{Os}$ and $^{175}\text{Os}$ : Alignments and strong interaction. Nuclear Physics A, 1990, 511, 345-378.	1.5	43
191	High-spin yrast isomers in $^{211}\text{Rn}$ and $^{212}\text{Rn}$ with enhanced E3 decays. Nuclear Physics A, 1990, 520, c353-c360.	1.5	7
192	$^{34}\text{m}_2$ isomer at high spin in $^{212}\text{Fr}$ : Evidence for a many-particle octupole coupled state. Physical Review C, 1990, 42, R6-R9.	2.9	14
193	Nuclear structure of $^{110}\text{In}$ . Nuclear Physics A, 1989, 503, 113-135.	1.5	11
194	Structure of $^{112}\text{In}$ nucleus. Physical Review C, 1988, 37, 2391-2407.	2.9	26
195	Level structure of $^{110}\text{In}$ from the $^{110}\text{Cd}(p, n^3)^{110}\text{In}$ reaction. Nuclear Physics A, 1987, 473, 471-493.	1.5	5
196	Proton-neutron multiplet states in $^{114}\text{In}$ . Nuclear Physics A, 1986, 455, 477-493.	1.5	11
197	A new effect in internal conversion. Zeitschrift für Physik A, Atomic Nuclei, 1986, 323, 125-126.	0.3	0
198	Excited States of $^{82}\text{Br}$ from (p, n <sup>3</sup> ) Reaction. Physica Scripta, 1984, 29, 51-56.	2.5	4

#	ARTICLE	IF	CITATIONS
199	Adaptation of a superconducting-solenoid-transporter Si(Li)-Si(Li) spectrometer for in-beam studies of internal-pair transitions. Nuclear Instruments & Methods in Physics Research, 1984, 223, 96-102.	0.9	9
200	Excited states of the $^{70}\text{Ga}$ nucleus. Nuclear Physics A, 1984, 419, 557-570.	1.5	5
201	Excited States of $^{98}\text{Tc}$ from the $^{98}\text{Mo}(p, n^{\hat{1}3})^{98}\text{Tc}$ Reaction. Physica Scripta, 1982, 26, 57-64.	2.5	6
202	Excited states of $^{100}\text{Tc}$ from $^{100}\text{Mo}(p, n^{\hat{1}3})^{100}\text{Tc}$ reaction and the parabolic rule. Zeitschrift für Physik A, 1981, 299, 139-147.	1.4	7
203	Multipolarity of some transitions in the $^{96}\text{Zr}(p, n^{\hat{1}3})^{96}\text{Nb}$ reaction. Zeitschrift für Physik A, 1980, 298, 293-295.	1.4	5
204	An on-line Si(Li) electron spectrometer with superconducting magnet transporters. Nuclear Instruments & Methods, 1980, 178, 85-93.	1.2	30