

# M A Riley

## List of Publications by Year in descending order

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109  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	structures in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mi} \text{I} \text{2} \text{/mml:mi} \langle \text{mml:msub} \langle \text{mml:mi} \text{I} \text{/mml:mi} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{Sm} \text{/mml:mi} \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mn} \text{155} \text{/mml:mn} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{ and } \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{Gd} \text{/mml:mi} \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mn} \text{155} \text{/mml:mn} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{/mml:mrow} \rangle \text{/mml:math} \rangle$		0
2	Fifty Years of Backbending. Nuclear Physics News, 2022, 32, 16-20.	0.4	1
3	First candidates for $\hat{1}^3$ vibrational bands built on the $[505]11/2^+$ neutron orbital in odd- A Dy isotopes. Physical Review C, 2020, 101, .	2.9	4
4	Backbending, seniority, and Pauli blocking of pairing correlations at high rotational frequencies in rapidly rotating nuclei. Physical Review C, 2019, 100, .	2.9	5
5	$\hat{1}^2$ and $\hat{1}^3$ bands in N=88 , 90, and 92 isotones investigated with a five-dimensional collective Hamiltonian based on covariant density functional theory: Vibrations, shape coexistence, and superdeformation. Physical Review C, 2019, 100, .	2.9	10
6	White paper on nuclear astrophysics and low-energy nuclear physics, Part 2: Low-energy nuclear physics. Progress in Particle and Nuclear Physics, 2017, 94, 68-124.	14.4	20
7	Electromagnetic Moments of Radioactive $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi} \text{Te} \text{/mml:mi} \rangle \text{/mml:mrow} \rangle \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \text{136} \text{/mml:mn} \rangle \text{/mml:mrow} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{/mml:math} \rangle$	7.8	26
8	Investigation of negative-parity states in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{Dy} \text{/mml:mi} \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mn} \text{156} \text{/mml:mn} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{: Search for evidence of tetrahedral symmetry. Physical Review C, 2017, 95, .}$	2.9	9
9	State in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \langle \text{mml:msup} \langle \text{mml:mrow} \langle \text{mml:mn} \text{4} \text{/mml:mn} \rangle \text{/mml:mrow} \rangle \langle \text{mml:mrow} \langle \text{mml:mo} \text{+} \text{/mml:mo} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{Te} \text{/mml:mi} \rangle \text{/mml:mrow} \rangle \text{/mml:mrow} \rangle \text{/mml:math} \rangle$	7.8	16
10	High spin spectroscopy in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{Ra} \text{/mml:mi} \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mn} \text{219} \text{/mml:mn} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{: Search for the lower mass boundary of the region of statically octupole-deformed nuclei. Physical Review C, 2017, 96, .}$	2.9	8
11	High resolution gamma-ray spectroscopy and the fascinating angular momentum realm of the atomic nucleus. Physica Scripta, 2016, 91, 123002.	2.5	15
12	First observation of rotational structures in Re168. Physical Review C, 2016, 94, .	2.9	3
13	Direct Evidence of Octupole Deformation in Neutron-Rich $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi} \text{Ba} \text{/mml:mi} \rangle \text{/mml:mrow} \rangle \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \text{144} \text{/mml:mn} \rangle \text{/mml:mrow} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{/mml:math} \rangle$ . Physical Review Letters, 2016, 116, 112503.	7.8	118
14	Persistence of collective behavior at high spin in the N=88 nucleus Tb153. Physical Review C, 2015, 91, .	2.9	3
15	High-spin terminating states in the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mi} \text{N} \text{/mml:mi} \langle \text{mml:mo} \text{=} \text{/mml:mo} \rangle \langle \text{mml:mn} \text{88} \text{/mml:mn} \rangle \text{/mml:mrow} \rangle \text{/mml:math} \rangle$ $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{Ho} \text{/mml:mi} \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \text{155} \text{/mml:mn} \rangle \text{/mml:mrow} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{/mml:math} \rangle$ and $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{Dy} \text{/mml:mi} \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mn} \text{156} \text{/mml:mn} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{/mml:math} \rangle$ .	2.9	5
16	Observation of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{Dy} \text{/mml:mi} \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mn} \text{156} \text{/mml:mn} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{/mml:math} \rangle$ vibrations and alignments built on non-ground-state configurations in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{Dy} \text{/mml:mi} \langle \text{mml:mprescripts} \text{/} \rangle \langle \text{mml:none} \text{/} \rangle \langle \text{mml:mn} \text{156} \text{/mml:mn} \rangle \text{/mml:mmultiscripts} \text{/mml:mrow} \rangle \text{/mml:math} \rangle$ . Physical Review C, 2015, 91, .	2.9	23
17	Recent Results at Ultrahigh Spin: Terminating States and Beyond in Mass 160 Rare-earth Nuclei. Acta Physica Polonica B, 2015, 46, 487.	0.8	4
18	Spectroscopy of Hf161 from low to high spin. Physical Review C, 2014, 90, .	2.9	2

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19	High-spin structure of odd-odd $^{172}\text{Re}$ . <i>Physical Review C</i> , 2014, 90, . Multiple band structures in $^{169}\text{Re}$ and $^{170}\text{Re}$ . <i>Physical Review C</i> , 2013, 88, .	2.9	5
20	Search for the wobbling mode in $^{169}\text{Re}$ and $^{170}\text{Re}$ . <i>Physical Review C</i> , 2013, 88, . residual-interaction analysis of structures in $^{169}\text{Re}$ and $^{170}\text{Re}$ . <i>Physical Review C</i> , 2013, 88, .	2.9	12
21	Quadrupole moments of coexisting collective shapes at high spin in $^{154}\text{Er}$ . <i>Physical Review C</i> , 2013, 88, . Possible deformation evolution in the $^{154}\text{Er}$ . <i>Physical Review C</i> , 2013, 88, .	2.9	5
22	of $^{171}\text{Re}$ . <i>Physical Review C</i> , 2013, 88, .	2.9	3
23	EXOTIC BEHAVIOR AT ULTRAHIGH SPIN VALUES IN LIGHT RARE-EARTH $N \sim 90$ NUCLEI. , 2013, , .		0
24	Relative quadrupole moments of exotic shapes at ultrahigh spin in $^{154}\text{Er}$ : calibrating the TSD/SD puzzle. <i>Journal of Physics: Conference Series</i> , 2012, 381, 012066.	0.4	2
25	Modern $\hat{I}^3$ -ray spectroscopy and exotic behavior in rare-earth $N \sim 90$ nuclei at the limits of excitation energy and angular momentum. , 2012, , .		0
26	Collective structures up to spin $\sim 65$ in the $N = 90$ isotones $^{158}\text{Er}$ and $^{157}\text{Ho}$ . <i>Journal of Physics: Conference Series</i> , 2012, 381, 012065.	0.4	5
27	Band structures and shape coexistence in $^{187}\text{Pt}$ . <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	2
28	Diverse collective excitations in $^{159}\text{Er}$ up to high spin. <i>Physical Review C</i> , 2011, 84, .	2.9	14
29	Quadrupole moments of collective structures up to spin $\sim 65$ in $^{157}\text{Er}$ and $^{158}\text{Er}$ : A challenge for understanding triaxiality in nuclei. <i>Physics Letters, Section B: Rotational structures and the wobbling mode in <math>^{157}\text{Er}</math> and <math>^{158}\text{Er}</math></i> . <i>Physics Letters, Section B</i> , 2012, 702, 127-130.	4.1	31
30	Rotational structures and the wobbling mode in $^{167}\text{Ta}$ . <i>Physical Review C</i> , 2010, 82, .	2.9	14
31	Structure of $^{160}\text{Er}$ from low to ultrahigh spin. <i>Physical Review C</i> , 2011, 83, .	2.9	22
32	High-spin yrast structure of $^{159}\text{Ho}$ . <i>Physical Review C</i> , 2011, 84, . Non-yrast positive-parity structures in the $^{156}\text{Dy}$ nucleus. <i>Physical Review C</i> , 2010, 82, .	2.9	5
33	$^{156}\text{Dy}$ -soft nucleus. <i>Physical Review C</i> , 2010, 82, .	2.9	16
34	Band crossings in $^{166}\text{Ta}$ . <i>Physical Review C</i> , 2010, 82, .	2.9	6
35	$^{176}\text{Hf}$ -hindered decay of a six-quasiparticle isomer in $^{176}\text{Hf}$ . <i>Physical Review C</i> , 2010, 82, .	2.9	9
36	Alignments, additivity, and signature inversion in odd-odd $^{170}\text{Ta}$ : A comprehensive high-spin study. <i>Physical Review C</i> , 2010, 81, .	2.9	9

#	ARTICLE	IF	CITATIONS
37	Asiparticle structures up to spin $44$ . Physical Review C, 2009, 79, .	2.9	5
38	Loss of collectivity in the transitional nucleus at high spin. Physical Review C, 2009, 79, .	2.9	21
39	Wobbling mode in $^{167}\text{Ta}$ . Physical Review C, 2009, 80, .	2.9	77
40	Publisher's Note: Wobbling mode in $^{167}\text{Ta}$ . Physical Review C, 2009, 80, .	2.9	5
41	Observation of triaxial strongly deformed structures. Physical Review C, 2009, 80, .	2.9	22
42	Triaxial strongly deformed bands in $^{160,161}\text{Tm}$ . Physical Review C, 2008, 78, .	2.9	18
43	New shape minimum in $^{160}\text{Yb}$ : Evidence for a triaxial, strongly deformed band. Physical Review C, 2008, 77, .	2.9	21
44	High-spin states and deformation properties in $^{187}\text{Pt}$ . AIP Conference Proceedings, 2007, , .	0.4	1
45	Rotational structures and their evolution with spin in $^{152}\text{Gd}$ . Physical Review C, 2007, 75, .	2.9	9
46	Return of Collective Rotation in $^{157}\text{Er}$ and $^{158}\text{Er}$ at Ultrahigh Spin. Physical Review Letters, 2007, 98, 012501.	7.8	62
47	Observation of states beyond band termination in $^{156, 157, 158}\text{Er}$ and strongly deformed structures in $^{173, 174, 175}\text{Hf}$ . Physica Scripta, 2006, T125, 123-126.	2.5	7
48	Yrast states and band crossings in the neutron-deficient platinum isotopes $^{169}\text{Pt}$ to $^{173}\text{Pt}$ . Physical Review C, 2006, 74, .	2.9	30
49	High-spin structure in $^{157}\text{Er}$ up to and above band termination. Physical Review C, 2006, 73, .	2.9	16
50	Multiple band structures in $^{169}\text{Ta}$ . Physical Review C, 2006, 74, .	2.9	18
51	Structure of $^{26}\text{Na}$ from the $^{14}\text{C}(^{14}\text{C},d)$ reaction. Physical Review C, 2006, 73, .	2.9	10
52	Search For Wobbling Excitations In Hf Nuclei: Are The SD Bands Triaxial?. AIP Conference Proceedings, 2005, , .	0.4	0
53	Beyond band termination in $^{157}\text{Er}$ and the search for wobbling excitations in strongly deformed $^{174}\text{Hf}$ . Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1735-S1740.	3.6	3
54	Detailed high-spin spectroscopy and the search for the wobbling mode in $^{171}\text{Ta}$ . Physical Review C, 2005, 72, .	2.9	22

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55	$\pi$ -sd Shell Gap Reduction in Neutron-Rich Systems and Cross-Shell Excitations in $^{20}\text{O}$ . Physical Review Letters, 2005, 94, 132501.	7.8	20
56	Observation of the second proton alignment in $^{160}\text{Tm}$ . Physical Review C, 2005, 72, .	2.9	9
57	High-Spin Structure beyond Band Termination in $^{157}\text{Er}$ . Physical Review Letters, 2004, 92, 252502.	7.8	22
58	Highly deformed Bands in $^{175}\text{Hf}$ . Physical Review C, 2004, 70, .	2.9	30
59	Structure of $^{224}\text{Ne}$ from $^{14}\text{C}$ on $^{14}\text{C}$ . Physical Review C, 2003, 68, .	2.9	9
60	$^{52}\text{Ne}$ , $^{27}\text{Na}$ from $^{14}\text{C} + ^{14}\text{C}$ , and the $N=16$ shell gap. Physical Review C, 2002, 65, .	2.9	18
61	Competition between terminating and collective structures above spin $40\hbar$ in $^{154}\text{Dy}$ . Physical Review C, 2002, 65, .	2.9	22
62	Rotational band structures in $^{89}\text{Gd}$ . Physical Review C, 2002, 66, .	2.9	19
63	Possible triaxial superdeformation in $^{174}\text{Hf}$ . AIP Conference Proceedings, 2002, , .	0.4	0
64	High precision quadrupole moment measurements of states up to $I=20\hbar$ in the yrast band of $^{158}\text{Er}$ . Physical Review C, 2002, 65, .	2.9	13
65	Quadrupole Moments of Highly Deformed Structures in the $A \approx 135$ Region: Probing the Single-Particle Motion in a Rotating Potential. Physical Review Letters, 2002, 88, 152501.	7.8	26
66	Structure of neutron-rich s-d shell nuclei. Physics of Atomic Nuclei, 2002, 65, 713-719.	0.4	3
67	Highly deformed rotational structures in $^{136}\text{Pm}$ . Physical Review C, 2000, 62, .	2.9	8
68	Discrete line $\beta$ -ray spectroscopy in the $(50 \leq I \leq 60)\hbar$ spin domain of $^{161,162}\text{Er}$ . Physical Review C, 2000, 62, .	2.9	21
69	Highly deformed structures in the $mass \approx 130$ region and their relative quadrupole moments. , 1999, , .		0
70	Exploring the $I=50-60\hbar$ domain: collective and terminating structures in $^{156}\text{Dy}$ , $^{159}\text{Er}$ and $^{160}\text{Er}$ . Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 897-899.	3.6	14
71	Relative quadrupole deformations for structures in odd proton Pr nuclei near mass. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 893-895.	3.6	3
72	Signature inversion and the first observation of a magnetic dipole band in odd-odd rubidium isotopes: $^{82}\text{Rb}$ . Physical Review C, 1999, 59, 71-81.	2.9	32

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73	Band crossings in the positive-parity high-spin states of $^{83}\text{Rb}$ and $^{85}\text{Y}$ . <i>Physical Review C</i> , 1999, 60, .	2.9	14
74	Intrinsic proton states around the superdeformed shell closure $Z=80$ . <i>Physical Review C</i> , 1998, 58, 3260-3265.	2.9	10
75	Observation of three-quasiparticle structures in the $N=88$ nucleus $^{153}\text{Tb}$ . <i>Physical Review C</i> , 1998, 58, 1321-1324.	2.9	6
76	Band structures and alignment properties in $^{74}\text{Se}$ . <i>Physical Review C</i> , 1998, 57, 2912-2923.	2.9	23
77	Highly deformed structures in $^{135,136}\text{Sm}$ . <i>Physical Review C</i> , 1998, 58, 3212-3218.	2.9	8
78	Rotational structures in $^{155}\text{Eu}$ and $^{157}\text{Tb}$ . <i>Physical Review C</i> , 1998, 57, 2944-2961.	2.9	19
79	High-spin structures in $^{155}\text{Tb}$ and signature splitting systematics of the $\pi h_{11/2}$ bands in odd $A$ $^{160}$ nuclei. <i>Physical Review C</i> , 1998, 58, 2720-2735.	2.9	12
80	$\pi g_{9/2}$ structures in odd-odd $^{130}\text{Pr}$ and alignment processes in superdeformed praseodymium nuclei. <i>Physical Review C</i> , 1997, 56, R1210-R1214.	2.9	17
81	Collective structure in $^{70}\text{As}$ . <i>Physical Review C</i> , 1997, 56, 2869-2872.	2.9	7
82	Proton orbital effects in the second minimum of doubly odd $^{132}\text{Pr}$ . <i>Physical Review C</i> , 1997, 55, R985-R989.	2.9	12
83	High spin structures in $^{194}\text{Hg}$ . <i>Zeitschrift für Physik A</i> , 1996, 354, 169-175.	0.9	4
84	The $^{132}\text{p}$ intruder orbital in the superdeformed $^{193}\text{Tl}$ nucleus: Effective magnetic moment and blocking of proton pairing. <i>Physical Review C</i> , 1996, 53, R9-R13.	2.9	36
85	Multiple superdeformed bands in $^{132}\text{Nd}$ . <i>Physical Review C</i> , 1996, 54, R969-R972.	2.9	11
86	Alignments, shape changes, and band terminations in $^{157}\text{Tm}$ . <i>Physical Review C</i> , 1995, 51, 1234-1246.	2.9	15
87	Yrast band spectroscopy of $^{155}\text{Gd}$ and $^{157}\text{Dy}$ . <i>Zeitschrift für Physik A</i> , 1993, 345, 121-122.	0.9	20
88	The identical bands in $^{177}\text{Ta}$ . <i>Zeitschrift für Physik A</i> , 1993, 346, 319-320.	0.9	8
89	Highly deformed band in $^{136}\text{Pm}$ and the anomalous dynamical moment of inertia behavior in the $A \approx 135$ superdeformed region. <i>Physical Review C</i> , 1993, 47, R441-R443.	2.9	14
90	First measurement of magnetic properties in a superdeformed nucleus: $^{193}\text{Hg}$ . <i>Physical Review Letters</i> , 1993, 71, 2176-2179.	7.8	53

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91	High-spin gamma -ray spectroscopy of $^{165}\text{W}$ and $^{166}\text{W}$ . Journal of Physics G: Nuclear and Particle Physics, 1992, 18, 1207-1225.	3.6	27
92	The influence of pairing on the properties of the $A=190$ superdeformed bands. AIP Conference Proceedings, 1992, , .	0.4	0
93	Yrast band spectroscopy of $^{164}\text{W}$ and the systematics of the first $i_{13/2}$ neutron backband in the neutron deficient rare-earth nuclei. Journal of Physics G: Nuclear and Particle Physics, 1991, 17, 511-523.	3.6	25
94	Tests of microscopic calculations of multiple band structures and large deformations in $^{68}\text{Ge}$ and $^{72}\text{Se}$ . Physical Review C, 1991, 43, 2541-2545.	2.9	25
95	Cullen et al. reply. Physical Review Letters, 1991, 67, 1175-1175.	7.8	6
96	The spectroscopy of $^{161,162}\text{Er}$ at spins up to $50\hbar$ , in the unpaired regime. Journal of Physics G: Nuclear and Particle Physics, 1990, 16, L67-L73.	3.6	17
97	Landau-Zener crossing in superdeformed $^{193}\text{Hg}$ : Evidence for octupole correlations in superdeformed nuclei. Physical Review Letters, 1990, 65, 1547-1550.	7.8	71
98	Irregularities at high spin in the odd-odd nucleus $^{158}\text{Tm}$ . Physical Review C, 1989, 39, 291-294.	2.9	14
99	The structure of states at very high spin in $^{157}\text{Er}$ . Journal of Physics G: Nuclear and Particle Physics, 1989, 15, 643-659.	3.6	11
100	Rotational band structures in $^{154}\text{Gd}$ . Journal of Physics G: Nuclear and Particle Physics, 1989, 15, 1871-1892.	3.6	27
101	Unpaired band crossings. Physical Review Letters, 1988, 60, 553-556.	7.8	19
102	Unpaired Collective Band Crossings in $^{156}\text{Dy}$ between Spins 35 and 53. Europhysics Letters, 1988, 6, 493-498.	2.0	16
103	Three band crossings in the yrast structure of $^{162}\text{Hf}$ . Journal of Physics G: Nuclear Physics, 1988, 14, L77-L84.	0.8	13
104	Spin $50\hbar$ , in $^{160}\text{Er}$ and the boundary between collective and non-collective rotation in the light Er isotopes. Journal of Physics G: Nuclear Physics, 1987, 13, L235-L240.	0.8	27
105	Near-yrast discrete line $\hat{\Lambda}$ -ray spectroscopy of $^{159}\text{Er}$ and $^{160}\text{Er}$ to $I\hat{\Lambda}$ or $\hat{\Lambda}40\hat{\Lambda}$ . Journal of Physics G: Nuclear Physics, 1987, 13, 847-881.	0.8	50
106	The strong interaction strength of the first proton alignment in $^{157}\text{Ho}$ . Journal of Physics G: Nuclear Physics, 1986, 12, L67-L74.	0.8	22
107	Signature-Dependent Proton Alignments at High Rotational Frequency and the Persistence of Proton Pairing Correlations. Physical Review Letters, 1985, 54, 1132-1135.	7.8	41
108	Observation of Superdeformation in $^{152}\text{Dy}$ . Physical Review Letters, 1984, 52, 507-510.	7.8	98

#	ARTICLE	IF	CITATIONS
109	Observation of a Prolate-to-Oblate Shape Change Near Spin40â„,inEr158. Physical Review Letters, 1984, 53, 648-651.	7.8	73