

Daryl Hartley

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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37
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	structures in ^{155}Gd and ^{160}Gd . Physical Review C, 2020, 102, .	2.9	0
2	deformed shell gap: Rotational structures in ^{160}Gd . Physical Review C, 2020, 101, .	2.9	2
3	Reply to: Possible overestimation of isomer depletion due to contamination. Nature, 2021, 594, E3-E4.	27.8	9
4	Spin-trap isomers in deformed, odd-odd nuclei in the light rare-earth region near ^{187}Au . Physical Review C, 2020, 102, .	2.9	0
5	Longitudinal Wobbling Motion in ^{187}Au . Physical Review C, 2020, 102, .	7.8	37
6	two-quasiparticle states in ^{160}Gd . Physical Review C, 2020, 101, .	2.9	9
7	High-spin structure of ^{160}Gd . Physical Review C, 2020, 101, .	7.8	34
8	Isomer depletion as experimental evidence of nuclear excitation by electron capture. Nature, 2018, 554, 216-218.	27.8	52
9	Masses and ^{160}Eu -Decay Spectroscopy of Neutron-Rich Odd-Odd ^{160}Eu . Physical Review Letters, 2019, 123, 102501.	7.8	29
10	First observation of rotational structures in ^{168}Re . Physical Review C, 2016, 94, .	2.9	3
11	^{168}Re -ray spectroscopy of ^{168}Re . Physical Review C, 2016, 93, .	2.9	13
12	Single-particle structure at $N=29$: The structure of ^{47}Ar and first spectroscopy of ^{45}S . Physical Review C, 2016, 93, .	2.9	12
13	Bound neutron strength at ^{164}Ca . Physical Review C, 2014, 89, .	2.9	0
14	Transverse Wobbling in ^{135}Pr . Physical Review Letters, 2015, 114, 082501.	7.8	79
15	High-spin structure of odd-odd ^{172}Re . Physical Review C, 2014, 90, .	2.9	5
16	Characterization of octupole-type structures in ^{221}Th . Physical Review C, 2014, 90, .	2.9	14
17	Search for the wobbling mode in ^{169}Re and ^{169}Re . Physical Review C, 2014, 89, .	2.9	12
18	Possible deformation evolution in the ^{171}Re . Physical Review C, 2013, 88, .	2.9	3

#	ARTICLE	IF	CITATIONS
19	Identification of triaxial strongly deformed bands in ^{164}Hf . Physical Review C, 2013, 88, .	2.9	7
20	EXOTIC BEHAVIOR AT ULTRAHIGH SPIN VALUES IN LIGHT RARE-EARTH N~90 NUCLEI. , 2013, , .		0
21	High-spin proton alignments and evidence for a second band with enhanced deformation in ^{171}Hf . Physical Review C, 2012, 85, .	2.9	4
22	Quadrupole moment measurements for strongly deformed bands in $^{171,172}\text{Hf}$. Physical Review C, 2011, 83, .	2.9	8
23	High-spin yrast structure of ^{159}Ho . Physical Review C, 2011, 84, .	2.9	5
24	Non-yrast positive-parity structures in the ^{156}Er -soft nucleus ^{170}Er . Physical Review C, 2010, 82, .	2.9	16
25	Band crossings in ^{166}Ta . Physical Review C, 2010, 82, .	2.9	6
26	Alignments, additivity, and signature inversion in odd-odd ^{170}Ta . Physical Review C, 2010, 81, .	2.9	9
27	Rotational bands in odd-odd ^{44}Ac and ^{44}Cf isotopes: Exploring the highest neutron orbitals. Physical Review C, 2010, 82, .	2.9	5
28	Rotational bands in odd-ACm and Cf isotopes: Exploring the highest neutron orbitals. Physical Review C, 2010, 82, .	2.9	30
29	Accelerator-Based Laboratory Activities at USNA. , 2009, , .		1
30	High-spin proton alignments and coexisting coupling schemes in ^{168}Hf . Physical Review C, 2009, 80, .	2.9	20
31	Triaxial strongly deformed bands in $^{160,161}\text{Tm}$. Physical Review C, 2008, 78, .	2.9	18
32	New shape minimum in ^{160}Yb : Evidence for a triaxial, strongly deformed band. Physical Review C, 2008, 77, .	2.9	21
33	Rotational structures and their evolution with spin in ^{152}Gd . Physical Review C, 2007, 75, .	2.9	9
34	Nuclear shapes of highly deformed bands in $^{171,172}\text{Hf}$ and neighboring Hf isotopes. Physical Review C, 2007, 76, .	2.9	26
35	Search For Wobbling Excitations In Hf Nuclei: Are The SD Bands Triaxial?. AIP Conference Proceedings, 2005, , .	0.4	0
36	Structural behavior of $^{157,158,159}\text{Dy}$ in the $30 \leq \text{spin} \leq 50$ regime. Physical Review C, 2005, 72, .	2.9	23

#	ARTICLE	IF	CITATIONS
37	Rotational structures in ^{155}Eu and ^{157}Tb . Physical Review C, 1998, 57, 2944-2961.	2.9	19