

Andrej Herzig

List of Publications by Year in descending order

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84
papers

944
citations

623734

14
h-index

526287

27
g-index

86
all docs

86
docs citations

86
times ranked

762
citing authors

#	ARTICLE	IF	CITATIONS
1	article states and parity doublets in odd- Z and odd- A nuclei. Physical Review C, 2019, 100, 044307. ^{221}Pa and ^{221}Ac isomeric states. Physical Review C, 2019, 100, 044307.	2.9	5
2	Nanosecond-Scale Proton Emission from Strongly Oblate-Deformed ^{149}Lu . Physical Review Letters, 2019, 123, 082501.	7.8	13
3	Isomeric ^{178}Au and ^{178}Pt nuclei. Physical Review C, 2021, 103, 044307.	2.9	3
4	Automated method for offline correction of spectrometry data affected by time instability. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1004, 165368.	2.9	1
5	Single-particle and collective excitations in the transitional nucleus ^{166}Os . Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 125101.	1.6	0
6	First observation of high-K isomeric states in ^{249}Md and ^{251}Md . European Physical Journal A, 2021, 57, 1.	3.6	0
7	Stability of the heaviest elements: K isomer in No250. Physical Review C, 2020, 101, .	2.5	3
8	In-beam $\hat{\gamma}$ -ray and electron spectroscopy of ^{249}Md and ^{251}Md . Physical Review C, 2020, 102, .	2.9	14
9	Exploring the boundaries of the nuclear landscape: ^{211}Pa and ^{211}Ac -decay properties. Physical Review C, 2020, 102, .	2.9	6
10	^{217}Ra populated in the ^{213}Fr decay of ^{213}Fr . Physical Review C, 2020, 102, .	2.9	12
11	Study of excited states and observation of collective level structures in the odd-odd nucleus ^{194}Bi . European Physical Journal A, 2020, 56, 1.	2.9	2
12	Population of a low-spin positive-parity band from high-spin intruder states in ^{177}Au : The two-state mixing effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135488.	2.5	2
13	Isomeric $^{13/2+}$ state in ^{201}Fr . Physical Review C, 2020, 101, .	4.1	7
14	High-spin states of ^{218}Th . Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 095103.	2.9	3
15	Identification of a $6.6\hat{1}/4s$ isomeric state in ^{175}Ir . Physical Review C, 2019, 99, .	3.6	2
16	^{165}Pt and ^{165}Au -spectroscopy studies of the new nuclides ^{165}Pt and ^{165}Au . Physical Review C, 2019, 100, 044307.	2.9	2
17	Lifetime measurements of excited states in ^{163}W and the implications for the anomalous B(E2) ratios in transitional nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134998.	2.9	16
18		4.1	4

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19	\hat{I}_{\pm} -decay spectroscopy of the N=130 isotones Ra218 and Th220 : Mitigation of \hat{I}_{\pm} -particle energy summing with implanted nuclei. Physical Review C, 2019, 100, .	2.9	5
20	Shape coexistence in Hg178. Physical Review C, 2019, 99, .	2.9	9
21	Fine structure in the \hat{I}_{\pm} decay of Lu156 and Ta158. Physical Review C, 2019, 99, .	2.9	0
22	Confirming band assignments in 167ytterbium with gamma-gamma-electron triple-coincidence spectroscopy. European Physical Journal A, 2019, 55, 1.	2.5	18
23	A time-of-flight correction procedure for fast-timing data of recoils with varying implantation positions at a spectrometer focal plane. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 933, 18-29.	1.6	2
24	Production cross section and decay study of Es243 and Md249. Physical Review C, 2019, 99, .	2.9	8
25	Prompt and delayed spectroscopy of \hat{I}_{\pm} : Observation of a shears band and a \hat{I}_{\pm} band. Physical Review C, 2019, 99, .	2.9	7
26	In-beam spectroscopic study of \hat{I}_{\pm} in Cf249. Physical Review C, 2018, 97, .	2.9	1
27	Fine structure in the \hat{I}_{\pm} decay of Nd155 as a prerequisite of triaxiality in \hat{I}_{\pm} -soft to stable \hat{I}_{\pm} decay of high-spin isomers in Lu156. Physical Review C, 2018, 98, .	2.9	16
28	Decay of a $19\hat{I}_{\pm}$ isomeric state in Lu156. Physical Review C, 2018, 98, .	2.9	5
29	Decay of a $19\hat{I}_{\pm}$ isomeric state in Lu156. Physical Review C, 2018, 98, .	2.9	2
30	Towards saturation of the electron-capture delayed fission probability: The new isotopes 240 Es and 236 Bk. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 265-270.	4.1	19
31	Backbending in the pear-shaped Th90223 nucleus: Evidence of a high-spin octupole to quadrupole shape transition in the actinides. Physical Review C, 2017, 95, .	2.9	8
32	Collectivity in $^{196,198}\text{Pb}$ isotopes probed in Coulomb-excitation experiments at REX-ISOLDE. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 064009.	3.6	3
33	Spectroscopy at the two-proton drip line: Excited states in 158W. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 703-707.	4.1	6
34	De-excitation of the strongly coupled band in Au177 and implications for core intruder configurations in the light Hg isotopes. Physical Review C, 2017, 95, .	2.9	9
35	Reduced transition probabilities along the yrast line in ^{166}W . Physical Review C, 2017, 96, .	2.9	18
36	Spin-dependent evolution of collectivity in ^{112}Te . Physical Review C, 2017, 96, .	2.9	8

#	ARTICLE	IF	CITATIONS
37	Experimental study of isomeric intruder 12^+ states in ^{203}At . Physical Review C, 2017, 95, . Lifetime measurements of excited states in ^{162}W	2.9	7
38	Detailed spectroscopy of ^{162}W and ^{162}Yb	2.9	5
39	Detailed spectroscopy of ^{195}Bi	2.9	8
40	Decay spectroscopy of ^{219}Pb and evidence for a $9/2^+$ intruder state in ^{219}Tl . Physical Review C, 2017, 96, .	2.9	3
41	Collective $2^+ 1$ excitations in ^{206}Po and ^{210}Rn . European Physical Journal A, 2016, 52, 1.	2.5	8
42	Excited states in the proton-unbound nuclide ^{158}Ta	2.9	4
43	Lifetime measurements in ^{166}Re : Collective versus magnetic rotation. Physical Review C, 2016, 93, .	2.9	2
44	Confirmation of the new isotope ^{178}Pb . Physical Review C, 2016, 94, .	2.9	12
45	Identification of the 1^+ state in ^{218}Ra populated via α -decay of ^{222}Th . Physical Review C, 2016, 94, .	2.9	5
46	Study of Intermediate-spin States of ^{98}Y . Acta Physica Polonica B, 2016, 47, 911.	0.8	2
47	First identification of rotational band structures in ^{166}Re . Physical Review C, 2015, 92, .	2.9	3
48	Recoil-decay tagging spectroscopy of ^{162}W . Physical Review C, 2015, 92, .	2.9	6
49	Identification of a dipole band above the $31/2^+$ isomeric state in ^{189}Pb . Physical Review C, 2015, 92, .	2.9	4
50	Lifetime measurement of the first excited 2^+ state in ^{112}Te	2.9	20
51	Detailed spectroscopy of ^{193}Bi	2.9	15
52	Spectroscopy of low-lying states in neutron-deficient astatine and francium nuclei. AIP Conference Proceedings, 2015, , .	0.4	0
53	Shapes and Collectivity in Neutron Deficient Even-Mass $^{188-198}\text{Pb}$ Isotopes. , 2015, , .		2
54	Do nuclei go pear-shaped? Coulomb excitation of ^{220}Rn and ^{224}Ra at REX-ISOLDE (CERN). EPJ Web of Conferences, 2015, 93, 01038.	0.3	0

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55	Oblately deformed isomeric proton-emitting state in ^{151}Lu . Physical Spectroscopy of Very Heavy Elements at and Beyond the Limits. , 2015, , .	2.9	14
56	At ^{201}Bi including the observation of a shears band and the	2.9	15
57	First observation of superdeformed states in ^{191}Bi . European Physical Journal A, 2015, 51, 1.	2.5	7
58	Spectroscopy of Very Heavy Elements at and Beyond the Limits. , 2015, , .		0
59	Investigation into the Effects of Deformation on Proton Emission Rates via Lifetime Measurements. , 2015, , .		0
60	Spectroscopy of ^{161}Hf from low to high spin. Physical Review C, 2014, 90, .	2.9	2
61	Experimental study of ^{161}Hf in ^{161}Hf	2.9	2
62	Spectroscopy on the proton drip-line: Probing the structure dependence of isospin nonconserving interactions. Physical Review C, 2014, 90, .	2.9	17
63	Experimental investigation of the ^{161}Hf band in ^{161}Hf	2.9	14
64	band in ^{161}Hf	4.1	13
65	Spectroscopy of ^{193}Bi . EPJ Web of Conferences, 2014, 66, 02047.	0.3	2
66	Determination of the $B(E3, 0^+ \rightarrow 3^+)$ -excitation strength in octupole-correlated nuclei near ^{224}Ac by the means of Coulomb excitation at REX-ISOLDE. Journal of Physics: Conference Series, 2014, 533, 012007.	0.4	2
67	Proton emission from an oblate nucleus ^{151}Lu . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 79-84.	4.1	25
68	Isomer-tagged differential-plunger measurements in ^{54}Xe . Physical Review C, 2013, 87, .	2.9	9
69	Studies of pear-shaped nuclei using accelerated radioactive beams. Nature, 2013, 497, 199-204.	27.8	268
70	Spectroscopy of proton-rich ^{66}Se to ^{66}Se	2.9	13
71	Isospin-breaking effect in the ^{113}Xe . Physical Review C, 2013, 88, .	2.9	3
72	Enhancing the sensitivity of recoil-beta tagging. Journal of Instrumentation, 2013, 8, P04025-P04025.	1.2	10

#	ARTICLE	IF	CITATIONS
73	First prompt in-beam \hat{I}^3 -ray spectroscopy of a superheavy element: the 256Rf. Journal of Physics: Conference Series, 2013, 420, 012010.	0.4	0
74	Prompt gamma ray-spectroscopy of N= 50 fission fragments. EPJ Web of Conferences, 2013, 62, 01005.	0.3	6
75	Coulomb excitation of re-accelerated 208Rn and 206Po beams. EPJ Web of Conferences, 2013, 63, 01009.	0.3	5
76	Prompt \hat{I}^3 -ray spectroscopy of the neutron-rich ^{124}Cd . EPJ Web of Conferences, 2013, 62, 01004.	0.3	4
77	Shell Structure and Pairing Interaction in Superheavy Nuclei: Rotational Properties of the $Z=104$ Nucleus. Physical Review Letters, 2013, 109, 012501.	7.8	59
78	First observation of excited states of ^{173}Rf . Physical Review C, 2012, 85, .	2.9	5
79	In-beam spectroscopy with intense ion beams: Evidence for a rotational structure in ^{125}Xe . Characterizing the atomic mass surface beyond the proton drip line via \hat{I}^3 -ray spectroscopy. Physical Review C, 2012, 85, .	2.9	17
80	\hat{I}^\pm -decay measurements of the ^{173}Rf isomer. Physical Review C, 2012, 85, .	2.9	9
81	Identification of isomeric states in the N=73 neutron-deficient nuclei ^{132}Pr and ^{130}La . Physical Review C, 2012, 86, .	2.9	5
82	Combined in-beam electron and \hat{I}^3 -ray spectroscopy of ^{186}Yb . Measurement of the first excited ^{186}Yb state. Physical Review C, 2011, 84, .	2.9	29
83	Investigation of ^{186}Yb : in-beam spectroscopy at the limits. , 2011, , .	2.9	29
84	Investigation of ^{246}Fm : in-beam spectroscopy at the limits. , 2011, , .		0