

Martin Venhart

List of Publications by Year in descending order

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38
papers

819
citations

471509

17
h-index

501196

28
g-index

38
all docs

38
docs citations

38
times ranked

737
citing authors

#	ARTICLE	IF	CITATIONS
1	Decay modes of the 9^+ isomeric state in ^{183}Mn . <i>Physical Review C</i> , 2022, 105, 014305.	2.9	1
2	Population of a low-spin positive-parity band from high-spin intruder states in ^{177}Au : The two-state mixing effect. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 806, 135488.	4.1	7
3	Identification of a $6.6\frac{1}{4}s$ isomeric state in ^{175}Ir . <i>Physical Review C</i> , 2019, 99, 014305.	2.9	2
4	decay study of the 66^+ state in ^{181}Tl . <i>Physical Review C</i> , 2017, 95, 014305.	2.9	11
5	Change in structure between the $\lambda = 1/2$ states in ^{181}Tl and $^{177,179}\text{Au}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 355-363.	4.1	22
6	Level structure above the 17^+ isomeric state in ^{152}Tm . <i>Physical Review C</i> , 2018, 98, 014305.	2.9	1
7	Changes in mean-squared charge radii and magnetic moments of ^{179}Mn and ^{184}Mn . <i>Physical Review C</i> , 2017, 95, 014305.	2.9	23
8	Application of the Broad Energy Germanium detector: A technique for elucidating \hat{I}^2 -decay schemes which involve daughter nuclei with very low energy excited states. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 849, 112-118.	1.6	3
9	Shape coexistence studied in $^{182,184}\text{Hg}$ via the \hat{I}^2 -decay of $^{182,184}\text{Tl}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 074001.	3.6	13
10	New systematic features in the neutron-deficient Au isotopes. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 074003.	3.6	10
11	De-excitation of the strongly coupled band in ^{177}Au and implications for core intruder configurations in the light Hg isotopes. <i>Physical Review C</i> , 2017, 95, 014305.	2.9	9
12	Detailed \hat{I}^2 -decay study of ^{180}Tl . <i>Physical Review C</i> , 2017, 96, 014305.	2.9	4
13	\hat{I}^2 -decay study of $^{182,184}\text{Tl}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 025102.	3.6	10
14	Collective $2^+ + 1$ excitations in ^{206}Po and $^{208,210}\text{Rn}$. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	8
15	TATRA: a versatile high-vacuum tape transportation system for decay studies at radioactive-ion beam facilities. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 812, 118-121.	1.6	5
16	Internal decay of the 10^+ state in ^{184}Tl . <i>Physical Review C</i> , 2015, 92, 014305.	2.9	7
17	Excitation energy dependence of fragment-mass distributions from fission of $^{180,190}\text{Hg}$ formed in fusion reactions of $^{36}\text{Ar} + ^{144,154}\text{Sm}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 347, 297-300.	4.1	47
18	Characterization of the low-lying 2^+ states in ^{180}Hg . <i>Physical Review C</i> , 2015, 92, 014305.	2.9	42

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19	In-gas-cell laser ionization spectroscopy in the vicinity of ^{100}Sn : Magnetic moments and mean-square charge radii of N and ^{50}Ni . <i>Physical Review C</i> , 2014, 728, 191-197.	4.1	39
20	Electromagnetic moments of odd- A nuclei. <i>Physical Review C</i> , 2014, 89, .	2.9	51
21	Decay of ^{201}Po . <i>Physical Review C</i> , 2014, 89, .	2.9	22
22	$\hat{I}\pm$ decay of ^{176}Au . <i>Physical Review C</i> , 2014, 90, .	2.9	8
23	Measurement of the first ionization potential of astatine by laser ionization spectroscopy. <i>Nature Communications</i> , 2013, 4, 1835.	12.8	89
24	Charge radii of odd- A ^{211}Po isotopes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 362-366.	4.1	64
25	Low-lying excited states in the neutron-deficient isotopes ^{163}Os and ^{163}Ir . <i>Physical Review C</i> , 2013, 88, .	2.9	6
26	Decay spectroscopy of the chain ^{179}Tl . <i>Physical Review C</i> , 2013, 88, .	2.9	13
27	Delayed fission and $\hat{I}\pm$ decay of ^{180}Tl . <i>Physical Review C</i> , 2013, 88, .	2.9	24
28	Delayed fission of ^{180}Tl . <i>Physical Review C</i> , 2013, 88, .	2.9	41
29	Decay of ^{61}Mn to levels in ^{61}Ni . <i>Physical Review C</i> , 2013, 88, .	2.9	13
30	Decay studies of the francium isotopes ^{198}Fr and ^{199}Fr . <i>Physical Review C</i> , 2012, 86, .	2.9	29
31	Nucleus ^{102}Zr . <i>Physical Review C</i> , 2012, 86, .	7.8	59
32	Low-Teller decay population of ^{64}Ni levels in ^{64}Ni . <i>Physical Review C</i> , 2012, 86, .	2.9	7
33	Investigation of high-K states in ^{252}No . <i>Physical Review C</i> , 2012, 86, .	2.9	28
34	Fission-barrier heights of neutron-deficient mercury nuclei. <i>Physical Review C</i> , 2012, 86, .	2.9	18
35	Alpha-gamma decay studies of ^{253}No and its daughter products ^{253}Md , ^{249}Fm . <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	23
36	Determination of $\hat{I}\pm$ -decay branching ratios for ^{178}Hg , ^{179}Hg . <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	5

#	ARTICLE	IF	CITATIONS
37	Lifetime measurements probing triple shape coexistence in ^{175}Au . Physical Review C, 2011, 84, . Shape coexistence in ^{180}Hg studied through the I^2 decay of ^{180}Tl . Physical Review C, 2011, 84, .	2.9	9
38	Shape coexistence in ^{180}Hg studied through the I^2 decay of ^{180}Tl . Physical Review C, 2011, 84, .	2.9	46