

Martin Venhart

List of Publications by Year in descending order

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38
papers

819
citations

471509

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501196

28
g-index

38
all docs

38
docs citations

38
times ranked

737
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the first ionization potential of astatine by laser ionization spectroscopy. Nature Communications, 2013, 4, 1835.	12.8	89
2	Charge radii of odd-A ^{191}Po isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 362-366.	4.1	64
3	Shape coexistence in ^{180}Hg studied through the ^{180}Hg decay of ^{180}Tl . Physical Review C, 2011, 84, .	7.8	59
4	Excitation energy dependence of fragment-mass distributions from fission of $^{180,190}\text{Hg}$ formed in fusion reactions of $^{36}\text{Ar} + ^{144,154}\text{Sm}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 89-94.	2.9	51
5	Shape coexistence in ^{180}Hg studied through the ^{180}Hg decay of ^{180}Tl . Physical Review C, 2011, 84, .	4.1	47
6	Delayed fission of ^{180}Tl . Physical Review C, 2013, 88, .	2.9	46
7	In-gas-cell laser ionization spectroscopy in the vicinity of ^{100}Sn : Magnetic moments and mean-square charge radii of ^{180}Tl . Physical Review C, 2014, 728, 191-197.	2.9	42
8	Decay studies of the francium isotopes ^{198}Fr and ^{199}Fr . Physical Review C, 2013, 87, .	2.9	41
9	Investigation of high-K states in ^{252}No . Physical Review C, 2012, 86, .	2.9	41
10	Decay studies of the francium isotopes ^{198}Fr and ^{199}Fr . Physical Review C, 2013, 87, .	4.1	39
11	Decay studies of the francium isotopes ^{198}Fr and ^{199}Fr . Physical Review C, 2013, 87, .	2.9	29
12	Alpha-gamma decay studies of ^{253}No and its daughter products ^{253}Md , ^{249}Fm . European Physical Journal A, 2012, 48, 1.	2.9	28
13	Changes in mean-squared charge radii and magnetic moments of ^{179}Tl and ^{184}Tl . Physical Review C, 2013, 88, .	2.9	24
14	Alpha-gamma decay studies of ^{253}No and its daughter products ^{253}Md , ^{249}Fm . European Physical Journal A, 2012, 48, 1.	2.5	23
15	Decay studies of the francium isotopes ^{198}Fr and ^{199}Fr . Physical Review C, 2013, 87, .	2.9	23
16	Change in structure between the $^{\pm 1/2}$ states in ^{181}Tl and $^{177,179}\text{Au}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 355-363.	2.9	22
17	Fission-barrier heights of neutron-deficient mercury nuclei. Physical Review C, 2012, 86, .	4.1	22
18	Decay spectroscopy of the chain ^{179}Tl and ^{179}Pb . Physical Review C, 2014, 89, .	2.9	18
19	Decay spectroscopy of the chain ^{179}Tl and ^{179}Pb . Physical Review C, 2014, 89, .	2.9	13

#	ARTICLE	IF	CITATIONS
19	\hat{I}^2 decay of Mn to levels in ^{61}Mn via the \hat{I}^2 decay of $^{182,184}Tl$. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 074001.	2.9	13
20	Shape coexistence studied in $^{182,184}Hg$ via the \hat{I}^2 decay of $^{182,184}Tl$. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 074001.	3.6	13
21	\hat{I}^2 decay study of the Mn	2.9	11
22	\hat{I}^2 -decay study of $^{182,184}Tl$. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 025102.	3.6	10
23	New systematic features in the neutron-deficient Au isotopes. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 074003.	3.6	10
24	Lifetime measurements probing triple shape coexistence in ^{175}Au . Physical Review C, 2011, 84, .	2.9	9
25	De-excitation of the strongly coupled band in Au^{177} and implications for core intruder configurations in the light Hg isotopes. Physical Review C, 2017, 95, .	2.9	9
26	\hat{I}^2 decay of Au^{176} . Physical Review C, 2014, 90, .	2.9	8
27	Collective $2^+ 1$ excitations in ^{206}Po and $^{208,210}Rn$. European Physical Journal A, 2016, 52, 1.	2.5	8
28	Gamow-Teller decay population of ^{64}Ni levels in the decay of ^{10}Co . Physical Review C, 2012, 86, .	2.9	7
29	Internal decay of the ^{184}Tl state in ^{184}Tl . Journal of Physics G: Nuclear and Particle Physics, 2015, 42, .	2.9	7
30	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.	4.1	7
31	Low-lying excited states in the neutron-deficient isotopes ^{163}Os and ^{165}Os . Physical Review C, 2013, 87, .	2.9	6
32	Determination of \hat{I}^2 -decay branching ratios for $^{178, 179}Hg$. European Physical Journal A, 2012, 48, 1.	2.5	5
33	TATRA: a versatile high-vacuum tape transportation system for decay studies at radioactive-ion beam facilities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 812, 118-121.	1.6	5
34	\hat{I}^2 -decay study of ^{180}Tl . Physical Review C, 2017, 96, .	2.9	4
35	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. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 849, 112-118.	1.6	3
36	Identification of a $6.6\hat{I}^2/4s$ isomeric state in Ir^{175} . Physical Review C, 2019, 99, .	2.9	2

#	ARTICLE	IF	CITATIONS
37	Level structure above the 17^+ isomeric state in $Tm8369152$. Physical Review C, 2018, 98, .	2.9	1
38	Decay modes of the 9^+ isomeric state in $Tl183$. Physical Review C, 2022, 105, .	2.9	1