

# Stanley Paulauskas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5496639/publications.pdf>

Version: 2024-02-01

53  
papers

466  
citations

687363

13  
h-index

713466

21  
g-index

56  
all docs

56  
docs citations

56  
times ranked

532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discontinuation of $\beta$ -decay feeding patterns of $^{88}\text{Rb}$ and $^{88}\text{Zn}$ levels in $^{88}\text{Sr}$ and $^{88}\text{Zn}$ $\beta$ -decay. Physical Review C, 2020, 102, .	2.9	6
2	Populated by the $\beta$ -decay of $^{125}\text{Cd}$ and $^{125}\text{Ag}$ nuclei from $^{125}\text{In}$ and $^{125}\text{Sb}$ $\beta$ -decay. Physical Review C, 2020, 102, .	2.9	0
3	Mapping of fragmented $\beta$ -decays in the $^{73}\text{Ni}$ decay. Physical Review C, 2020, 102, .	2.9	3
4	First identification of $\beta$ -delayed proton emission. Physical Review C, 2020, 101, .	2.9	3
5	Proton spectroscopic strengths of $^{18}\text{Ne}$ . AIP Conference Proceedings, 2019, .	0.4	1
6	Updated $\beta$ -decay measurement of neutron-rich $^{74}\text{Cu}$ . Physical Review C, 2018, 98, .	2.9	5
7	$\beta$ -delayed neutron emission from $^{85}\text{Ga}$ . Physical Review C, 2018, 97, .	2.9	5
8	Measurement of the $\beta$ -decay pattern for the high-priority decay-heat isotopes $^{137}\text{Cs}$ and $^{137}\text{Ba}$ . Physical Review C, 2018, 97, .	2.9	5
9	Complete $\beta$ -decay pattern for the high-priority decay-heat isotopes $^{137}\text{Cs}$ and $^{137}\text{Ba}$ . Physical Review C, 2018, 97, .	2.9	23
10	$\beta$ -decay of fission products on the decay heat and reactor $\beta$ -flux calculation. Physical Review C, 2017, 95, .	7.8	30
11	Experimental study of the $\beta$ -decay of the very neutron-rich nucleus $^{85}\text{Ge}$ . Physical Review C, 2017, 95, .	2.9	3
12	Toward Measuring Prompt Fission Products in Coincidence. , 2017, .		0
13	Beta-Delayed Neutron Measurements near $^{132}\text{Sn}$ with CARIBU. , 2017, .		0
14	Decays of the Three Top Contributors to the Reactor $\beta$ -High-Energy Spectrum, $^{92}\text{Rb}$ , $^{96}\text{Y}$ , and $^{142}\text{Cs}$ , Studied with Total Absorption Spectroscopy. , 2017, .		0
15	Beta-Delayed Neutron Studies of Fission Fragments Using VANDLE. , 2017, .		0
16	Evidence for Gamow-Teller Decay of $^{78}\text{Ni}$ Core from Beta-Delayed Neutron Emission Studies. Physical Review Letters, 2016, 117, 092502.	7.8	26
17	$\beta$ -decay study of $^{94}\text{Kr}$ . Physical Review C, 2016, 94, .	2.9	3

#	ARTICLE	IF	CITATIONS
19	Identity of the Three Top Contributors to the Reactor $\beta$ -decay of $^{87}\text{Rb}$ near $^{87}\text{Sr}$ $\beta$ -decay. Physical Review C, 2016, 93, . $\langle \text{mml:msub} \langle \text{mml:mover} \text{accent="true"} \rangle \langle \text{mml:mi} \rangle^{\frac{1}{2}} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \hat{\Lambda} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{High-Energy Spectrum.} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	7.8	46
20	Reexamining Gamow-Teller decays near $^{78}\text{Ni}$ . Physical Review C, 2016, 93, . $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Rb} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Ni} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \rangle$	2.9	16
21	Publisher's Note: Reexamining Gamow-Teller decays near $^{78}\text{Ni}$ [Phys. Rev. C93, 044325 (2016)]. Physical Review C, 2016, 93, .	2.9	0
22	$\beta$ and $\beta$ -delayed $\alpha$ decay of the neutron-rich $^{84}\text{Ge}$ nucleus. Physical Review C, 2016, 93, . $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{In} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \rangle$	2.9	3
23	Levels populated in the $^{124}\text{Sn}$ $\beta$ -decay. Physical Review C, 2016, 93, . $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\Lambda} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{decay of} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Cd} \langle \text{mml:math} \rangle$	2.9	3
24	First measurement of $^{60}\text{Ge}$ $\beta$ -decay. European Physical Journal A, 2016, 52, 1.	2.5	4
25	Toward a measurement of weak magnetism in $^6\text{He}$ decay. Hyperfine Interactions, 2016, 237, 1.	0.5	12
26	First observation of $^{59}\text{Ge}$ . Physical Review C, 2015, 92, .	2.9	11
27	Analogous intruder behavior near Ni, Sn, and Pb isotopes. Physical Review C, 2015, 92, . $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\Lambda} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{-decay properties of the very neutron-rich isotopes} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle$	2.9	14
28	$^{86}\text{Ge}$ $\beta$ -decay and $^{86}\text{Ge}$ $\beta$ -delayed $\alpha$ decay. Physical Review C, 2015, 92, . $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\Lambda} \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{\alpha} \langle \text{mml:mi} \rangle \text{ and} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Sn} \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{\alpha} \langle \text{mml:mi} \rangle \text{ and} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 54 \langle \text{mml:math} \rangle$	2.9	7
29	Excited states in $^{86}\text{Ge}$ $\beta$ -decay. Physical Review C, 2015, 92, .	2.9	1
30	Multiple $\beta$ Emission of the $^{137}\text{Xe}$ 2849-2850 keV Levels Studied with the Modular Total Absorption Spectrometer (MTAS). , 2015, , . $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{As} \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Ga} \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Large} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\Lambda} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{-Delayed One and Two Neutron Emission Rates in the Decay of} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Ga} \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Ga} \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \rangle$	7.8	39
31	Large $^{82}\text{Ge}$ $\beta$ -decay study of neutron-rich bromine and krypton isotopes. Physical Review C, 2013, 88, .	2.9	13
32	Low-energy level schemes of $^{66}\text{Ge}$ and $^{68}\text{Ge}$ . Physical Review C, 2013, 88, . $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Fe} \langle \text{mml:math} \rangle \text{ and inferred proton and neutron excitations across} \langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Z} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle$	2.9	19
33	New half-life measurements of the most neutron-rich arsenic and germanium isotopes. Physical Review C, 2013, 87, .	2.9	20
34	BETA-DELAYED NEUTRON SPECTROSCOPY FOR r-PROCESS NUCLEOSYNTHESIS. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
37	FIRST MEASUREMENT OF HALF-LIVES OF r-PROCESS Zn AND Ga ISOTOPES. , 2013, , .		0
38	DEVELOPMENT OF A HIGH RESOLUTION TIMING ALGORITHM FOR VANDLE. , 2013, , .		0
39	BETA DECAY OF MOST NEUTRON-RICH Ge AND As ISOTOPES DISCOVERED AT LeRIBSS. , 2013, , .		0
40	PERFORMANCE OF VANDLE MEASURING BETA-DELAYED NEUTRON SPECTRA OF FISSION FRAGMENTS. , 2013, , .		0
41	FIRST RESULTS OF DECAY HEAT MEASUREMENTS WITH MTAS AT THE HRIBF. , 2013, , .		0
42	LOW ENERGY COLLECTIVE STATES IN NEUTRON-RICH CD ISOTOPES. , 2013, , .		0
43	THE $\hat{I}^2$ DECAY OF $81\text{Zn}$ AND NUCLEAR STRUCTURE AROUND THE $N=50$ SHELL CLOSURE. , 2013, , .		0
44	New Half-lives of $r$ $r$ and Ga Isotopes Measured with Electromagnetic Separation. Physical Review Letters, 2012, 109, 112501. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	7.8	47
45	populated by $\hat{I}^2$ decay of $^{120}\text{Cd}$ <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> Breakdown of the anharmonic vibrator model	2.9	17
46	Systematics of Low Energy Collective States in neutron-rich Cd Isotopes. Journal of Physics: Conference Series, 2012, 387, 012005.	0.4	1
47	Digital signal processing for radioactive decay studies. , 2011, , .		1
48	Shape coexistence along $N=40$ <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> Physical Review C, 2011, 84, <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	22
49	decay of $^{81}\text{Zn}$ and migrations of states observed near the $N=50$ <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	22
50	Neutron Transfer Reactions on Neutron-Rich $N=50$ and $N=82$ Nuclei Near the r-Process Path. , 2009, , .		1
51	Neutron Transfer Reactions: Surrogates for Neutron Capture for Basic and Applied Nuclear Science. , 2009, , .		1
52	Neutron-transfer reaction studies with fission fragment radioactive ion beams near $^{132}\text{Sn}$ . , 2009, , .		0
53	Studies of nuclei close to $^{132}\text{Sn}$ using single-neutron transfer reactions. , 2009, , .		3