

# Paul DeYoung

## List of Publications by Year in descending order

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56  
papers

1,743  
citations

394421

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265206

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docs citations

56  
times ranked

894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining the astrophysical $p$ -process: Cross section measurement of the $^{84}\text{Kr}$ $\beta$ -decay. <i>Physical Review C</i> , 2021, 103, .	2.9	4
2	Nitrogen Beams with a National Electrostatics Corporation Alphasource Source and a 5SDH Accelerator. <i>Journal of Undergraduate Reports in Physics</i> , 2021, 31, 100004.	0.1	0
3	Total absorption spectroscopy of the $\beta^2$ decay of $\text{Zr}101,102$ and $\text{Tc}109$ . <i>Physical Review C</i> , 2021, 103, .	2.9	5
4	$\beta^2$ -decay feeding intensity distributions for $\text{Nb}103,104$ m. <i>Physical Review C</i> , 2021, 103, .	2.9	5
5	$\beta^2$ -decay feeding intensity distributions of $^{71}\text{Ni}$ and $^{73}\text{Ni}$ . <i>Physical Review C</i> , 2021, 103, .	2.9	2
6	Low-lying level structure of the neutron-unbound $N=7$ isotones. <i>Physical Review C</i> , 2020, 102, .	2.9	4
7	Observation of three-neutron sequential emission from $\text{O}^{*25}$ . <i>Physical Review C</i> , 2019, 100, .	2.9	2
8	$\beta^2$ -decay half-lives of neutron-rich nuclides in the $A < 100$ region. <i>Physical Review C</i> , 2019, 99, .	2.9	6
9	Neutron-unbound excited states of $^{23}\text{N}$ . <i>Physical Review C</i> , 2017, 95, .	2.9	4
10	Search for excited states in $^{25}\text{O}$ . <i>Physical Review C</i> , 2017, 96, .	2.9	12
11	Electrochemical Synthesis of Novel Zn-Doped $\text{TiO}_2$ Nanotube/ $\text{ZnO}$ Nanoflake Heterostructure with Enhanced DSSC Efficiency. <i>Nano-Micro Letters</i> , 2016, 8, 381-387.	27.0	23
12	Proton capture cross section of $^{72}\text{Ge}$ and astrophysical implications. <i>Physical Review C</i> , 2015, 92, .	2.9	3
13	Shell nucleus $^{24}\text{O}$ . <i>Physical Review C</i> , 2015, 92, .	2.9	11
14	$(\beta^\pm, \beta^2)$ cross section measurements in the region of light nuclei. <i>Physical Review C</i> , 2015, 92, .	2.9	18
15	Two-neutron sequential decay of $^{24}\text{O}$ . <i>Physical Review C</i> , 2015, 92, .	2.9	16
16	Population of $^{13}\text{Be}$ in a nucleon exchange reaction. <i>Physical Review C</i> , 2015, 92, .	2.9	13
17	Systematic study of $\beta^\pm$ for stable nickel isotopes. <i>Physical Review C</i> , 2015, 92, .	2.9	19
18	Further insights into the reaction $^{14}\text{Be} + ^{14}\text{N} \rightarrow ^{13}\text{C} + ^{15}\text{N}$ . <i>Physical Review C</i> , 2015, 92, .	2.9	9

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19	Search for the unbound $^{15}\text{Be}$ ground state in $^{12}\text{Be}$ . Physical Review C, 2011, 84, .	2.9	11
20	Three-body correlations in the ground-state decay of $^{26}\text{O}$ . Physical Review C, 2015, 91, .	2.9	23
21	Low-lying neutron unbound states in $^{12}\text{Be}$ . Physical Review C, 2014, 90, .	2.9	19
22	Study of Two-Neutron Radioactivity in the Decay of $^{26}\text{O}$ . Physical Review Letters, 2013, 110, 152501.	7.8	72
23	Exploiting neutron-rich radioactive ion beams to constrain the symmetry energy. Physical Review C, 2013, 88, .	2.9	11
24	First observation of the $^{13}\text{Li}$ ground state. Physical Review C, 2013, 87, .	2.9	33
25	Proton pair correlations and the neutrinoless double- $\beta$ decay of $^{76}\text{Ge}$ . Physical Review C, 2013, 87, .	2.9	13
26	First observation of $^{15}\text{Be}$ . Physical Review C, 2013, 88, .	2.9	22
27	Probing the production mechanism of the light $p$ -process nuclei. Physical Review C, 2013, 88, .	2.9	8
28	Evidence for the Ground-State Resonance of $^{26}\text{O}$ . Physical Review Letters, 2012, 108, 142503.	7.8	105
29	Spectroscopy of neutron-unbound $^{27}\text{F}$ . Physical Review C, 2012, 85, .	2.9	26
30	Reply to "Comment on 'Neutron knockout of $^{12}\text{Be}$ populating neutron-unbound states in $^{11}\text{Be}$ '". Physical Review C, 2012, 86, .	2.9	1
31	Spyrouet $\alpha$ l.Replies. Physical Review Letters, 2012, 109, .	7.8	11
32	Search for the $^{15}\text{Be}$ ground state. Physical Review C, 2011, 84, .	2.9	15
33	$^{12}\text{Be}$ populating neutron-unbound states in $^{12}\text{Be}$ . Physical Review C, 2011, 84, .	2.9	14
34	Neutron-unbound states in $^{26}\text{O}$ . Physical Review C, 2011, 84, .	2.9	16
35	Observation of a two-neutron cascade from a resonance in $^{24}\text{O}$ . Physical Review C, 2011, 83, .	2.9	42
36	First observation of excited states in $^{12}\text{Li}$ . Physical Review C, 2010, 81, .	2.9	26

#	ARTICLE	IF	CITATIONS
37	Efficiency of the Modular Neutron Array (MoNA). , 2009, , .		1
38	Disappearance of the $N_{14}$ shell. Physical Review C, 2009, 80, .		1
39	Ground state energy and width of ${}^8\text{Be}$ . Physical Review C, 1998, 58, .	2.9	169
40	${}^7\text{Li}$ from ${}^7\text{Li}$ . Physical Review C, 1998, 58, .	2.9	23
41	Determination of the $N_{16}$ Shell Closure at the Oxygen Drip Line. Physical Review Letters, 2008, 100, 152502.	7.8	137
42	POPULATION OF NEUTRON UNBOUND STATES VIA TWO-PROTON KNOCKOUT REACTIONS. , 2008, , .		0
43	Exploring Neutron-Rich Oxygen Isotopes with MoNA. AIP Conference Proceedings, 2007, , .	0.4	2
44	Spectroscopy of ${}^9\text{C}$ via resonance scattering of protons on ${}^8\text{B}$ . Physical Review C, 2007, 75, .	2.9	18
45	Selective Population and Neutron Decay of an Excited State of ${}^{23}\text{O}$ . Physical Review Letters, 2007, 99, 112501.	7.8	67
46	Doppler shift as a tool for studies of resonant (p,n) reactions with RIBs: Spectroscopy of ${}^7\text{He}$ . AIP Conference Proceedings, 2006, , .	0.4	0
47	Isobaric analog states of neutron-rich nuclei. Doppler shift as a measurement tool for resonance excitation functions. European Physical Journal A, 2005, 25, 259-260.	2.5	0
48	Elastic scattering of ${}^{10}\text{Be}$ on ${}^{208}\text{Pb}$ near the Coulomb barrier. Physical Review C, 2004, 69, .	2.9	24
49	Final state interaction or ${}^3\text{He}$ excited state?. Physical Review C, 2003, 68, .	2.9	5
50	Elastic scattering and transfer in the ${}^6\text{He}+{}^{209}\text{Bi}$ system below the Coulomb barrier. Physical Review C, 2001, 63, .	2.9	162
51	Proton elastic scattering from ${}^7\text{Be}$ at low energies. Physical Review C, 2001, 64, .	2.9	32
52	Transfer and/or Breakup Modes in the ${}^6\text{He}+{}^{209}\text{Bi}$ Reaction near the Coulomb Barrier. Physical Review Letters, 2000, 84, 5058-5061.	7.8	185
53	Light charged particle emission in the matched reactions ${}^{280}\text{MeV}{}^{40}\text{Ar}+{}^{27}\text{Al}$ and ${}^{670}\text{MeV}{}^{55}\text{Mn}+{}^{12}\text{C}$ : Inclusive studies. Physical Review C, 1999, 60, .	2.9	8
54	Sub-barrier Fusion of ${}^6\text{He}$ with ${}^{209}\text{Bi}$ . Physical Review Letters, 1998, 81, 4580-4583.	7.8	253

#	ARTICLE	IF	CITATIONS
55	Nonlinear coupled oscillators and Fourier transforms: An advanced undergraduate laboratory. American Journal of Physics, 1996, 64, 898-902.	0.7	5
56	Experimental verification of the Heisenberg uncertainty principle—An advanced undergraduate laboratory. American Journal of Physics, 1993, 61, 560-563.	0.7	5