

# William A Peters

## List of Publications by Year in descending order

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37  
papers

1,200  
citations

430874

18  
h-index

361022

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for a doubly magic 240. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 17-21.	4.1	169
2	Determination of the $N \leq 16$ Shell Closure at the Oxygen Drip Line. Physical Review Letters, 2008, 100, 152502.	7.8	137
3	First Observation of Ground State Dineutron Decay. ${}^{16}\text{Be}$ . Physical Review Letters, 2012, 108, 102501.	7.8	117
4	Neutron-Proton Asymmetry Dependence of Spectroscopic Factors in Ar Isotopes. Physical Review Letters, 2010, 104, 112701.	7.8	101
5	Halo Nucleus ${}^{11}\text{Be}$ : A Spectroscopic Study via Neutron Transfer. Physical Review Letters, 2012, 108, 192701.	7.8	79
6	Construction of a modular large-area neutron detector for the NSCL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 543, 517-527.	1.6	64
7	Observation of a two-neutron cascade from a resonance in ${}^{24}\text{O}$ . Physical Review C, 2011, 83,	2.9	42
8	First evidence for a virtual ${}^{18}\text{B}$ ground state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 129-133.	4.1	39
9	Search for a resonant enhancement of the ${}^{34}\text{Ar}$ $\alpha$ -decay. Physical Review Letters, 2010, 105, 122501.	2.9	39
10	${}^{7}\text{Be} + d$ reaction and primordial ${}^{9}\text{Be}$ . Physical Review Letters, 2009, 103, 122501.	2.9	39
11	First observation of ${}^{60}\text{Ge}$ and ${}^{64}\text{Se}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 627, 32-37.	4.1	35
12	The ${}^{28}\text{Si}$ $\alpha$ -decay. Physical Review Letters, 2009, 103, 122501.	2.9	29
13	First two energy levels in ${}^{15}\text{F}$ . Physical Review C, 2003, 68, .	2.9	27
14	First Direct Measurement of the ${}^{17}\text{F}(p, \alpha)^{13}\text{Ne}$ Cross Section. Physical Review Letters, 2009, 102, 152502.	7.8	26
15	First observation of excited states in ${}^{12}\text{Li}$ . Physical Review C, 2010, 81, .	2.9	26
16	Ground state energy and width of ${}^{7}\text{He}$ from ${}^{7}\text{Li}$ $\alpha$ -decay. Physical Review Letters, 2009, 103, 122501.	2.9	23
17	Disappearance of the ${}^{14}\text{N}$ $\alpha$ -decay shell. Physical Review C, 2009, 80, .	2.9	23
18	Reconstruction of nuclear charged fragment trajectories from a large-gap sweeper magnet. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 1478-1484.	1.6	21

#	ARTICLE	IF	CITATIONS
19	Spectroscopic study of low-lying $N$ levels. Physical Review C, 2008, 78, .	2.9	18
20	Neutron-unbound states in $^{25}\text{F}$ . Physical Review C, 2011, 84, .	2.9	16
21	Production of nuclei in neutron unbound states via primary fragmentation of $^{48}\text{Ca}$ . Nuclear Physics A, 2008, 801, 101-113.	1.5	15
22	Neutron decay spectroscopy of neutron-rich oxygen isotopes. Nuclear Physics A, 2008, 813, 199-211.	1.5	15
23	Search for the $^{15}\text{Be}$ ground state. Nuclear Physics A, 2008, 418, 1-10.	2.9	15
24	Neutron knockout of $^{12}\text{Be}$ populating neutron-unbound states in $^{12}\text{Be}$ .	2.9	14
25	Search for particle-bound $^{26}\text{O}$ and $^{28}\text{F}$ in stripping reactions. Physical Review C, 2005, 72, .	2.9	11
26	The $^{17}\text{F}$ ( $^{17}\text{O}$ ) $T_{1/2}$ and $^{17}\text{F}$ ( $^{17}\text{O}$ ) $\sigma_{\text{p}}$ cross-sections at astrophysical energies using radioactive beams and the Daresbury Recoil Separator. European Physical Journal A, 2009, 42, 457.	2.9	9
27	Direct measurements of $(p, \gamma)$ cross-sections at astrophysical energies using radioactive beams and the Daresbury Recoil Separator. European Physical Journal A, 2009, 42, 457.	2.5	9
28	Direct studies of low-energy resonances in $^{31}\text{P}(p, \hat{\pm})^{28}\text{Si}$ and $^{35}\text{Cl}(p, \hat{\pm})^{32}\text{S}$ . European Physical Journal A, 2011, 47, 1.	2.5	9
29	Discovery of $^{60}\text{Ge}$ and $^{64}\text{Se}$ . European Physical Journal A, 2005, 25, 335-338.	2.5	8
30	Half-life limit of $^{19}\text{Mg}$ . Physical Review C, 2003, 68, .	2.9	7
31	Inelastic $^{17}\text{F}(p, p)^{17}\text{F}$ scattering at $E_{\text{c.m.}} = 3 \text{ MeV}$ and the $^{14}\text{O}(\hat{\pm}, p)^{17}\text{F}$ reaction rate. Physical Review C, 2010, 81, .	2.9	5
32	$^{26}\text{Al} + p$ elastic and inelastic scattering reactions and galactic abundances of $^{26}\text{Al}$ . Physical Review C, 2012, 85, .	2.9	4
33	Can the neutron-capture cross sections be measured with Coulomb dissociation?. European Physical Journal A, 2006, 27, 217-220.	2.5	3
34	Comment on "Properties of $^{26}\text{Mg}$ and $^{26}\text{Si}$ in the shell model and the determination of the $^{25}\text{Al}(p, \hat{\pm})^{26}\text{Si}$ reaction rate". Physical Review C, 2011, 84, .	2.9	3
35	Analysis of $^{25}\text{Al}$ energy levels observed in the $^{28}\text{Si}(p, \hat{\pm})^{25}\text{Al}$ reaction. Physical Review C, 2009, 80, .	2.9	2
36	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

#	ARTICLE	IF	CITATIONS
37	Half-life limit of $^{19}\text{Mg}$ . Nuclear Physics A, 2004, 746, 551-554.	1.5	0