

# Scott Marley

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

945  
citations

430874

18  
h-index

434195

31  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence against the Efimov effect in C12 from spectroscopy and astrophysics. Physical Review C, 2021, 103, .	2.9	6
2	Almost medium-free measurement of the Hoyle state direct-decay component with a TPC. Physical Review C, 2020, 102, .	2.9	13
3	-delayed neutron emission studies of $^{13}\text{C}$ and $^{13}\text{C}^*$ . Physical Review C, 2018, 97, .	2.9	4
4	Delayed-neutron studies of $^{13}\text{C}$ and $^{13}\text{C}^*$ . Physical Review C, 2018, 97, .	2.9	4
5	Reaction rate for carbon burning in massive stars. Physical Review C, 2018, 97, .	2.9	69
6	Recoil ions from the $^{13}\text{C}$ decay of $^{13}\text{C}^*$ . Physical Review C, 2018, 97, .	2.9	8
7	Ground-state properties of $^{13}\text{C}$ and $^{13}\text{C}^*$ . Physical Review C, 2018, 97, .	2.9	7
8	Measurements of conversion electrons in the s-process branching point nucleus $^{176}\text{Lu}$ . European Physical Journal A, 2016, 52, 1.	2.9	13
9	Structure of $^{14}\text{C}$ and $^{14}\text{C}^*$ . Physical Review C, 2015, 91, .	2.5	7
10	Measurements of $^{14}\text{C}$ and $^{14}\text{C}^*$ . Physical Review C, 2015, 91, .	2.9	15
11	Feeding from $^{14}\text{C}$ to $^{14}\text{C}^*$ . Physical Review C, 2016, 93, .	2.9	6
12	C+C Fusion Cross Sections Measurements for Nuclear Astrophysics. EPJ Web of Conferences, 2015, 96, 01001.	0.3	4
13	Spin alignment of excited projectiles due to target spin-flip interactions. Physical Review C, 2015, 91, .	2.9	8
14	Status Update on the $^{12}\text{C}$ - $^{12}\text{C}$ Correlation Measurement in the $^{12}\text{C}$ Decay of $^{12}\text{C}$ . , 2015, , .		0
15	$^{12}\text{C}$ -decay measurements of $^{12}\text{B}$ with Gammasphere. EPJ Web of Conferences, 2014, 66, 07001.	0.3	1
16	Stretched states in $^{12}\text{C}$ with the $(d, ^{12}\text{C})$ reaction. Physical Review C, 2014, 90, .	2.9	6
17	Direct Measurement of the $^{12}\text{C}$ and $^{12}\text{C}^*$ . Physical Review C, 2014, 90, .	7.8	39
18	Stretching of $^{12}\text{C}$ and $^{12}\text{C}^*$ . Physical Review C, 2014, 90, .	7.8	19

#	ARTICLE	IF	CITATIONS
19	Evolution of Single-Particle Energies for N=9 Nuclei at Large N/Z. EPJ Web of Conferences, 2014, 66, 03098.	0.3	0
20	Fusion of $^{60}\text{Ni} + ^{100}\text{Mo}$ near and below the Coulomb barrier. European Physical Journal A, 2013, 49, 1.	2.5	42
21	Structure of $^{14}\text{B}$ and the evolution of N=9 single-neutron isotones. Physical Review C, 2013, 88, .	2.9	19
22	Publisher's Note: Fusion Reactions with the One-Neutron Halo Nucleus $^{15}\text{C}$ [Phys. Rev. Lett. 106, 172701 (2011)]. Physical Review Letters, 2013, 111, .	7.8	0
23	Neutron single-particle strength outside the $^{15}\text{C}$ core. Physical Review C, 2013, 87, .	2.9	32
24	Study of the fusion reaction $^{12}\text{C} + ^{12}\text{C}$ at low beam energy. Journal of Physics: Conference Series, 2013, 420, 012120.	0.4	5
25	Two-proton decay of the $^{6}\text{Be}$ ground state and the double isobaric analog of $^{11}\text{Li}$ . Journal of Physics: Conference Series, 2013, 420, 012073.	0.4	1
26	Democratic Decay of $^{6}\text{Be}$ Exposed by Correlations. Physical Review Letters, 2012, 109, 202502.	7.8	59
27	$^{19}\text{O}$ ( $T_{1/2} = 0.784314$ s). Journal of Physics: Conference Series, 2012, 427, 012073.	2.9	19
28	HELIOS - progress and possibilities. Journal of Physics: Conference Series, 2012, 381, 012095.	0.4	1
29	Trends in the $g_{7/2}$ and $h_{11/2}$ neutron single-particle energies in $N = 51$ isotones. Journal of Physics: Conference Series, 2012, 381, 012100.	0.4	0
30	Studying X-ray Burst Nucleosynthesis in the Laboratory. Journal of Physics: Conference Series, 2012, 403, 012033.	0.4	2
31	Isobaric multiplet mass equation for $A=7$ and 8. Physical Review C, 2011, 84, .	2.9	20
32	Study of valence neutrons in $^{136}\text{Xe}$ with HELIOS. Journal of Physics: Conference Series, 2011, 312, 092034.	0.4	0
33	Fusion reactions with the one-neutron halo nucleus $^{15}\text{C}$ . EPJ Web of Conferences, 2011, 17, 13003.	0.3	0
34	First measurement of the $^{33}\text{Cl}$ ( $T_{1/2} = 0.000$ s). Physical Review Letters, 2011, 106, 172701.	2.9	19
35	Investigation of three-body $^{15}\text{C}$ nuclei in light nuclei created using a $^{15}\text{C}$ beam. Physical Review Letters, 2011, 106, 172701.	2.9	56
36	Fusion Reactions with the One-Neutron Halo Nucleus $^{15}\text{C}$ . Physical Review Letters, 2011, 106, 172701.	7.8	33

#	ARTICLE	IF	CITATIONS
37	Single-neutron energies outside $^{136}\text{Xe}$ . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> display="inline"><math>^{136}\text{Xe}</math>. Physical Review Letters, 2011, <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	28
38	of $^{22}\text{p}$ decay $^{22}\text{p}$ decay	2.9	29
39	$^{85}\text{C}$ $^{85}\text{C}$ stretch="false"><math>^{85}\text{C}</math> Tj ETQq1s1 0.784814 rgB		
40	First Experiment with HELIOS: The Structure of $^{13}\text{B}$ . Physical Review Letters, 2010, 104, 132501.	7.8	36
41	Fusion hindrance for $^{27}\text{Al}+^{45}\text{Sc}$ and other systems with a positive Q value. Physical Review C, 2010, 81, .	2.9	28
42	Study of the $^{30}\text{P}(\hat{\pm},\text{p})$ [ <sup>33</sup> S] reaction using a gas-filled magnetic spectrograph. , 2010, , .		1
43	Experimental study of the $^{11}\text{B}$ $^{11}\text{B}$ $^{12}\text{B}$	2.9	27
44	Experiments to Further the Understanding of the Triple-Alpha Process in Hot Astrophysical Scenarios. , 2009, , .		2
45	$^{12}\text{B}(n,\hat{3})\hat{\epsilon}$ the influence on r-process nucleosynthesis of light elements. , 2009, , .		0
46	The Structure of $^{7}\text{He}$ . AIP Conference Proceedings, 2008, , .	0.4	0
47	Structure of $^{7}\text{He}$ by proton removal from $^{8}\text{Li}$	2.9	40
48	Nucleon transfer reactions with exotic beams at ATLAS. European Physical Journal: Special Topics, 2007, 150, 79-82.	2.6	1