

Neil Curtis

List of Publications by Year in descending order

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38
papers

787
citations

471509

17
h-index

501196

28
g-index

38
all docs

38
docs citations

38
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision branching-ratio measurements in ^{18}O . European Physical Journal A, 2021, 57, 1.	2.5	3
2	Search for evidence of rotational cluster bands in O18. Physical Review C, 2020, 102, .	2.9	4
3	Measurement of the structure of potential cluster bands and absolute branching ratios of high-energy states in $^{18}\text{O}^*$. Journal of Physics: Conference Series, 2020, 1643, 012155.	0.4	1
4	Clustering in ^{18}O - absolute determination of branching ratios via high-resolution particle spectroscopy. SciPost Physics Proceedings, 2020, , .	0.4	3
5	Extracting the spectral signature of ^{18}O clustering in ^{18}O . Physical Review C, 2016, 94, .	2.9	12
6	A method to determine ^{13}C branching ratios using charged particle detectors for states in ^{18}O . AIP Conference Proceedings, 2018, , .	0.4	1
7	New Measurement of the Direct ^{13}C Decay from the ^{18}O . Physical Review C, 2016, 94, .	7.8	55
8	^{18}O breakup states in ^{16}O populated via the $^{13}\text{C}(\text{He}4, ^{18}\text{O})$ reaction. Physical Review C, 2016, 94, .	2.9	20
9	Evidence for a 3.8 MeV state in ^{18}O . Physical Review C, 2016, 94, .	2.9	2
10	Experimental study of high-lying states in ^{28}Mg using the resonant elastic scattering of ^{18}O particles. Physical Review C, 2016, 94, .	2.9	2
11	Breakup branches of Borromean beryllium-9. AIP Conference Proceedings, 2015, , .	0.4	4
12	Spectroscopy of ^{18}O via ^{13}C breakup. Physical Review C, 2015, 91, .	2.9	5
13	^{18}O breakup states in ^{16}O populated via the $^{13}\text{C}(\text{He}4, ^{18}\text{O})$ reaction. Physical Review C, 2016, 94, .	2.9	57
14	Investigation of the 4- ^{18}O linear chain state in ^{18}O . Physical Review C, 2013, 88, .	2.9	31
15	$^{13}\text{C} + ^4\text{He}$ resonant elastic scattering on a thick gas target. , 2012, , .		0
16	Resonances in ^{13}C observed in the ^{18}O . Physical Review C, 2016, 94, .		

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19	Analysis of states in ^{13}C populated in $^9\text{Be}+^4\text{He}$ resonant scattering. <i>Physical Review C</i> , 2011, 84, .	2.9	28
20	CLUSTER STATES IN ^{12}C AND ^{14}C . <i>Modern Physics Letters A</i> , 2010, 25, 1833-1837.	1.2	2
21	Cluster Structure of ^{12}C and ^{11}Be . , 2009, , .		1
22	Measurement of $\hat{\Gamma}_{\pm}$ and neutron decay widths of excited states of ^{14}C . <i>Physical Review C</i> , 2008, 78, .	2.9	33
23	Breakup reaction study of the Brunnian nucleus ^{10}C . <i>Physical Review C</i> , 2008, 77, .	2.9	29
24	$\hat{\Gamma}_{\pm}$ decay of excited states in ^{14}C . <i>Physical Review C</i> , 2007, 75, .	2.9	33
25	Search For Three Centre Cluster Structures in $^{10,11,12}\text{B}$. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
26	Studies of Single-Particle Structure in the $N=16$ Region Using Transfer Reactions. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
27	Studies of the Single Particle Structure of Exotic Nuclei using Transfer Reactions. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
28	$\hat{\Gamma}_{\pm}$ -decaying states in $^{10,12}\text{Be}$ populated in the $^{10}\text{Be}(^{14}\text{C}, ^{10,12}\text{Be})$ reaction. <i>Physical Review C</i> , 2006, 73, .	2.9	17
29	$\hat{\Gamma}_{\pm}$ -decaying states $^{18}\text{O}, ^{20}\text{Ne}$ and ^{22}Ne in ^{18}O beam induced reactions. <i>Physical Review C</i> , 2006, 73, .	2.9	19
30	Experimental evidence of a $\frac{1}{2}^+$ component to the ^{12}Be ground state. <i>European Physical Journal A</i> , 2005, 25, 349-351.	2.5	10
31	$\hat{\Gamma}_{\pm} + \text{Li}$ and $\text{H} + \text{Be}$ decay of $^{10,11,12}\text{B}$. <i>Physical Review C</i> , 2005, 72, .	2.9	16
32	High-energy two-neutron removal from ^{10}Be . <i>Physical Review C</i> , 2005, 72, .	2.9	17
33	SEARCH FOR TETRANEUTRONS IN THE BREAKUP OF ^8He . , 2005, , .		0
34	Breakup reaction studies of ^{10}Be and $^{10,11}\text{B}$ using a ^{10}Be beam. <i>Physical Review C</i> , 2004, 69, .	2.9	36
35	Neutron removal and cluster breakup of ^{14}B and ^{14}Be . <i>Physical Review C</i> , 2004, 70, .	2.9	7
36	One-neutron removal reactions on light neutron-rich nuclei. <i>Physical Review C</i> , 2004, 69, .	2.9	118

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37	Measurements of the breakup and neutron removal cross sections for ^{16}C . Physical Review C, 2004, 70, .	2.9	15
38	Evidence for a molecular rotational band in the $^{14}\text{C} + \alpha$ decay of ^{18}O and the α decay of ^{22}Ne . Physical Review C, 2002, 66, .	2.9	45