

Mouna Bouhelal

List of Publications by Year in descending order

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22
papers

209
citations

1307594

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1058476

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docs citations

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times ranked

279
citing authors

#	ARTICLE	IF	CITATIONS
1	β -ray spectroscopy of the $A=23, T=1/2$ nuclei ^{23}Na and ^{23}Mg : High-spin states, mirror symmetry, and applications to nuclear astrophysical reaction rates. <i>Physical Review C</i> , 2013, 87, .	2.9	38
2	A PSDPF interaction to describe the $1\hbar_{\omega}$ intruder states in sd shell nuclei. <i>Nuclear Physics A</i> , 2011, 864, 113-127.	1.5	34
3	Structure of chlorine isotopes populated by heavy ion transfer reactions. <i>Physical Review C</i> , 2013, 87, .	2.9	29
4	Intruder negative-parity states of neutron-rich ^{33}Si . <i>Physical Review C</i> , 2010, 81, .	2.9	15
5	Spectroscopy of neutron-rich ^{34}P in binary grazing reactions. <i>Physical Review C</i> , 2015, 92, .	2.9	15
6	High-spin structure and intruder excitations in ^{36}Cl . <i>Physical Review C</i> , 2012, 86, .	2.9	14
7	High-spin level structure of ^{35}S . <i>Physical Review C</i> , 2014, 89, .	2.9	14
8	Negative-parity intruder states of the neutron-rich $N = 20, Z = 14-16$ isotones: a $1\hbar_{\omega}$ shell model description. <i>European Physical Journal A</i> , 2009, 42, 529.	2.5	7
9	High-resolution spectroscopy of decay pathways in the $^{12}\text{C}(^{12}\text{C}, \beta)$ reaction. <i>Physical Review C</i> , 2011, 84, .	2.9	7
10	Shell Model Description of Negative Parity Intruder States in ^{36}S . , 2009, , .		5
11	Shell-model study of ^{31}S at excitations relevant to the thermonuclear $^{30}\text{P}(p, \gamma)^{31}\text{S}$ reaction rate. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	5
12	β -ray spectroscopy of ^{33}P and ^{33}S and ^{33}P transition strengths from the first $1\hbar_{\omega}$ states in ^{33}P .	2.9	5
13	0 and $1\hbar_{\omega}$ shell model description of phosphorus isotopes with $A = 30$ to 35 . , 2012, , .		4
14	High-spin states and lifetimes in ^{33}S and shell-model interpretation in the $sd\hbar_{\omega}fp$ space. <i>Physical Review C</i> , 2017, 96, .	2.9	4
15	Intruder configurations of excited states in the neutron-rich isotopes ^{33}P and ^{34}P . <i>Physical Review C</i> , 2018, 97, .	2.9	3
16	Shell model description of 0 and $1\hbar_{\omega}$ states in neutron-rich $N = 18$ and 19 nuclei with $Z = 14$ to 19 . <i>Journal of Physics: Conference Series</i> , 2015, 580, 012025.	0.4	2
17	Shell model description of ^{33}P transition strengths from the first $1\hbar_{\omega}$ states in ^{33}P .	2.9	2
18	Shell Model Description of the $^{32,34,36}\text{S}$ $32, 34, 36$ S Isotopes. <i>Few-Body Systems</i> , 2017, 58, 1.	1.5	2

#	ARTICLE	IF	CITATIONS
19	Lifetime measurements of ^{20}P phosphorus isotopes using the AGATA $\hat{3}$ -ray tracking spectrometer. Physical Review C, 2019, 100, .	2.9	2
20	0 and 1 \hbar shell model description of the ^{22}Na and ^{23}Na isotopes. , 2012, , .		1
21	Shell model description of the 0^+ and 0^{\sim} excited states in sd shell nuclei. Canadian Journal of Physics, 2018, 96, 774-778.	1.1	1
22	Lifetime measurements and the high-spin structure of ^{36}Cl . Journal of Physics: Conference Series, 2015, 590, 012036.	0.4	0