

# Mouna Bouhelal

## List of Publications by Year in descending order

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22  
papers

209  
citations

1307594

7  
h-index

1058476

14  
g-index

22  
all docs

22  
docs citations

22  
times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lifetime measurements of $^{20}\text{P}$ phosphorus isotopes using the AGATA $\hat{\Gamma}^3$ -ray tracking spectrometer. Physical Review C, 2019, 100, .	2.9	2
2	Intruder configurations of excited states in the neutron-rich isotopes $^{33}\text{P}$ and $^{34}\text{P}$ . Physical Review C, 2018, 97, .	2.9	3
3	Shell model description of the $0^+$ and $0^{\hat{\Gamma}}$ excited states in sd shell nuclei. Canadian Journal of Physics, 2018, 96, 774-778.	1.1	1
4	Shell model description of $^{33}\text{P}$ transition strengths from the first $0^+$ states in $^{33}\text{P}$ . Physical Review C, 2017, 96, .	2.9	4
5	High-spin states and lifetimes in $^{33}\text{S}$ and shell-model interpretation in the $sd\hat{\Gamma}^3$ space. Physical Review C, 2017, 96, .	2.9	4
6	Shell Model Description of the $^{32,34,36}\text{S}$ Isotopes. Few-Body Systems, 2017, 58, 1.	1.5	2
7	Shell-model study of $^{31}\text{S}$ at excitations relevant to the thermonuclear $^{30}\text{P}(p, \gamma)^{31}\text{S}$ reaction rate. European Physical Journal Plus, 2016, 131, 1.	2.6	5
8	$\hat{\Gamma}^3$ -ray spectroscopy of $^{33}\text{P}$ . Physical Review C, 2015, 92, .	2.9	5
9	$\hat{\Gamma}^3$ -ray spectroscopy of neutron-rich $^{34,35,36}\text{P}$ in binary grazing reactions. Physical Review C, 2015, 92, .	2.9	15
10	Shell model description of $0^+$ and $1^{\hat{\Gamma}}$ states in neutron-rich $N = 18$ and $19$ nuclei with $Z = 14$ to $19$ . Journal of Physics: Conference Series, 2015, 580, 012025.	0.4	2
11	Lifetime measurements and the high-spin structure of $^{36}\text{Cl}$ . Journal of Physics: Conference Series, 2015, 590, 012036.	0.4	0
12	High-spin level structure of $^{35}\text{S}$ . Physical Review C, 2014, 89, .	2.9	14
13	Structure of chlorine isotopes populated by heavy ion transfer reactions. Physical Review C, 2013, 87, .	2.9	29
14	$\hat{\Gamma}^3$ -ray spectroscopy of the $A=23, T=1/2$ nuclei $^{23}\text{Na}$ and $^{23}\text{Mg}$ : High-spin states, mirror symmetry, and applications to nuclear astrophysical reaction rates. Physical Review C, 2013, 87, .	2.9	38
15	$0^+$ and $1^{\hat{\Gamma}}$ shell model description of the $^{22}\text{Na}$ and $^{23}\text{Na}$ isotopes. , 2012, , .		1
16	$0^+$ and $1^{\hat{\Gamma}}$ shell model description of phosphorus isotopes with $A = 30$ to $35$ . , 2012, , .		4
17	High-spin structure and intruder excitations in $^{36}\text{Cl}$ . Physical Review C, 2012, 86, .	2.9	14
18	A PSDPF interaction to describe the $1^{\hat{\Gamma}}$ intruder states in sd shell nuclei. Nuclear Physics A, 2011, 864, 113-127.	1.5	34

#	ARTICLE	IF	CITATIONS
19	High-resolution spectroscopy of decay pathways in the $^{12}\text{C}(^{12}\text{C},\hat{\rho}^3)$ reaction. <i>Physical Review C</i> , 2011, 84, .	2.9	7
20	Intruder negative-parity states of neutron-rich $^{33}\text{Si}$ . <i>Physical Review C</i> , 2010, 81, .	2.9	15
21	Negative-parity intruder states of the neutron-rich $N = 20$ , $Z = 14-16$ isotones: a $1\hat{\rho},\omega$ shell model description. <i>European Physical Journal A</i> , 2009, 42, 529.	2.5	7
22	Shell Model Description of Negative Parity Intruder States in $^{36}\text{S}$ . , 2009, , .		5