

# Calin Alexandru Ur

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

627  
citations

759233

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h-index

794594

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19  
all docs

19  
docs citations

19  
times ranked

752  
citing authors

#	ARTICLE	IF	CITATIONS
1	10 PW peak power femtosecond laser pulses at ELI-NP. High Power Laser Science and Engineering, 2022, 10, .	4.6	46
2	Low-spin particle-core and hole-core excitations in $^{41}\text{Ca}$ isotopes studied by cold-neutron-capture reactions. Physical Review C, 2021, 103, .	2.9	3
3	Medium-spin states of the neutron-rich nucleus $^{87}\text{Br}$ . Physical Review C, 2021, 103, .	2.9	5
4	Measurement of relative isotopic yield distribution of even-even fission fragments from U235 ( $n_{th}, f$ ) following $\hat{\Gamma}^3$ -ray spectroscopy. Physical Review C, 2021, 103, .	2.9	3
5	Observation of excited states in the neutron-rich nucleus $^{89}\text{Br}$ . Physical Review C, 2021, 104, .	2.9	2
6	Structure of even-even Sr isotopes with $50$ neutrons. Physical Review C, 2021, 104, .	2.9	1
7	Current status and highlights of the ELI-NP research program. Matter and Radiation at Extremes, 2020, 5, .	3.9	114
8	Shower of $\hat{\Gamma}^3$ rays in the decay of the $^{49}\text{Gd}^{2+}$ isomeric state in $^{147}\text{Gd}$ . Physical Review C, 2020, 101, .	2.9	2
9	The extreme light infrastructure nuclear physics (ELI-NP) facility: new horizons in physics with 10 PW ultra-intense lasers and 20 MeV brilliant gamma beams. Reports on Progress in Physics, 2018, 81, 094301.	20.1	164
10	New light in nuclear physics: The extreme light infrastructure. Europhysics Letters, 2017, 117, 28001.	2.0	34
11	Identification of excited states and collectivity in $^{78}\text{Se}$ . Physical Review C, 2017, 95, .	2.9	15
12	Abrupt shape transition at neutron number $60$ in $^{120}\text{Ba}$ and $^{122}\text{Ba}$ isotopes. Physical Review C, 2017, 95, .	2.9	29
13	EXILLae: a high-efficiency, high-resolution setup for $\hat{\Gamma}^3$ -spectroscopy at an intense cold neutron beam facility. Journal of Instrumentation, 2017, 12, P11003-P11003.	1.2	39
14	New frontiers in nuclear physics with high-power lasers and brilliant monochromatic gamma beams. Physica Scripta, 2016, 91, 093004.	2.5	37
15	Neutron-proton multiplets in the odd-odd nucleus $^{90}\text{Rb}$ . Physical Review C, 2016, 93, .	2.9	12
16	Approaching complete low-spin spectroscopy of $^{210}\text{Bi}$ with a cold-neutron capture reaction. Physical Review C, 2016, 93, .	2.9	12
17	Multiplicity of $2^+$ states in $^{124}\text{Sn}$ observed via the $^{124}\text{Sn}(n, \gamma)^{125}\text{Sn}$ reaction. Physical Review C, 2016, 93, .	2.9	12

#	ARTICLE	IF	CITATIONS
19	Perspectives for photonuclear research at the Extreme Light Infrastructure - Nuclear Physics (ELI-NP) facility. European Physical Journal A, 2015, 51, 1.	2.5	56