

# Adina Olacel

## List of Publications by Year in descending order

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41  
papers

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g-index

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42  
docs citations

42  
times ranked

436  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collective properties of neutron-deficient Nd isotopes: Lifetime measurements of the yrast states in $^{136}\text{Nd}$ . Physical Review C, 2021, 103, .	2.9	1
2	New evidence for alpha clustering structure in the ground state band of $^{212}\text{Po}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136624.	4.1	5
3	MEASUREMENT OF $^{182,184,186}\text{W}$ ( $n, n\alpha$ ) CROSS SECTIONS AND WHAT WE CAN LEARN FROM IT. EPJ Web of Conferences, 2021, 247, 09003.	0.3	4
4	Measurement of $^{127}\text{U}$ $\alpha$ decay. Physical Review C, 2021, 104, .	2.9	17
5	Lifetime measurements and evidence for triaxial nuclear shapes in $^{127}\text{Cs}$ . Physical Review C, 2021, 104, .	2.9	1
6	Shape Coexistence at Zero Spin in $^{64}\text{Ni}$ . Physical Review Letters, 2020, 125, 102502.	7.8	24
7	Band structures, lifetimes, and shape coexistence in $^{130}\text{La}$ . Physical Review C, 2020, 102, .	2.9	4
8	Neutron inelastic cross section measurements on $^{54}\text{Fe}$ . EPJ Web of Conferences, 2020, 239, 01010.	0.3	0
9	What can we learn from $(n, xn)^3$ cross sections about reaction mechanism and nuclear structure?. EPJ Web of Conferences, 2020, 239, 01023.	0.3	4
10	Nucleon inelastic scattering cross sections on $^{16}\text{O}$ and $^{28}\text{Si}$ . Physical Review C, 2020, 101, .	2.9	6
11	New equipment for neutron scattering cross-section measurements at GELINA. EPJ Web of Conferences, 2020, 239, 17003.	0.3	2
12	Preliminary results of proton inelastic scattering on $^{57}\text{Fe}$ . AIP Conference Proceedings, 2019, , .	0.4	0
13	Reaction studies with an almost total absorption gamma spectrometer. AIP Conference Proceedings, 2019, , .	0.4	0
14	Shape transitions between and within Zr isotopes. EPJ Web of Conferences, 2019, 223, 01070.	0.3	1
15	Nuclear Data Sheets for A=218. Nuclear Data Sheets, 2019, 160, 405-471.	2.2	9
16	Signatures for a nuclear quantum phase transition from E 0 and E 2 observables in Gd isotopes. Journal of Physics: Conference Series, 2018, 1023, 012024.	0.4	0
17	How to produce accurate inelastic cross sections from an indirect measurement method?. EPJ Nuclear Sciences & Technologies, 2018, 4, 23.	0.7	7
18	Lifetime measurements in the chiral-candidate doublet bands of $^{130}\text{La}$ . Physical Review C, 2018, 98, .	2.9	8

#	ARTICLE	IF	CITATIONS
19	Neutron inelastic scattering on $^{54}\text{Fe}$ . European Physical Journal A, 2018, 54, 1.	2.5	7
20	Lifetime measurements in $\text{Nd}^{138}$ . Physical Review C, 2018, 97, .	2.9	4
21	Nanosecond lifetime measurements of $\pi^-$ -intrinsic excited states and low-lying B(E1) strengths in $^{183}\text{Re}$ using combined HPGe-LaBr $^3$ coincidence spectroscopy. Radiation Physics and Chemistry, 2017, 137, 7-11.	2.8	1
22	$\gamma$ -ray spectroscopy of low-lying excited states and shape competition in $^{194}\text{Os}$ . Physical Review C, 2017, 95, .	2.9	8
23	Dead time corrections for inbeam $\gamma$ -spectroscopy measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 863, 15-19.	1.6	5
24	Cross-section measurements for the $^{57}\text{Fe}(n, n^{\prime})^{57}\text{Fe}$ and $^{57}\text{Fe}(n, 2n^{\prime})^{56}\text{Fe}$ reactions. Physical Review C, 2017, 96, .	2.9	10
25	Absolute cross sections of the $^{86}\text{Sr}(\gamma, n)^{89}\text{Zr}$ reaction at energies of astrophysical interest. EPJ Web of Conferences, 2017, 146, 01016.	0.3	3
26	Neutron inelastic scattering measurements on the stable isotopes of titanium. Physical Review C, 2017, 96, .	2.9	12
27	Multifaceted Quadruplet of Low-Lying Spin-Zero States in $^{66}\text{Ni}$ : Emergence of Shape Isomerism in Light Nuclei. Physical Review Letters, 2017, 118, 162502.	7.8	53
28	High precision neutron inelastic cross section measurements. AIP Conference Proceedings, 2017, , .	0.4	1
29	$(n, xn)$ cross sections on $^{56,57}\text{Fe}$ . EPJ Web of Conferences, 2017, 146, 11009.	0.3	0
30	Neutron inelastic cross section measurements for $\text{Ti}$ . EPJ Web of Conferences, 2017, 146, 11014.	0.3	1
31	Measurement of $(n, xn^{\prime})$ reaction cross sections in $W$ isotopes. EPJ Web of Conferences, 2017, 146, 11016.	0.3	3
32	Inelastic neutron scattering with GAINS at GELINA: An overview of the last decade. EPJ Web of Conferences, 2017, 146, 11004.	0.3	1
33	Proton inelastic scattering cross section measurements on $^{16}\text{O}$ and $^{28}\text{Si}$ . EPJ Web of Conferences, 2017, 146, 11015.	0.3	2
34	The ROSPHERE $\gamma$ -ray spectroscopy array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 837, 1-10.	1.6	48
35	Fast-timing lifetime measurement of $^{152}\text{Gd}$ . Physical Review C, 2016, 94, .	2.5	7
36	Cross section measurements for neutron inelastic scattering and the $^{206}\text{Pb}$ on $^{206}\text{Pb}$ . Physical Review C, 2015, 91, .	2.9	7

#	ARTICLE	IF	CITATIONS
37	GRAPhEME: A setup to measure $(n, xn)^3$ reaction cross sections. , 2015, , .		5
38	From $\gamma$ emissions to $(n,xn)$ cross sections of interest: The role of GAINS and GRAPhEME in nuclear reaction modeling. European Physical Journal A, 2015, 51, 1. <a href="#">Cross-section measurements for the <math>^{56}\text{Fe}</math> target</a>	2.5	19
39	Neutron inelastic cross-section measurements for $^{56}\text{Fe}$ target. <a href="#">Tj ETQq1 10.7843141gBT /O</a>	2.9	36
40	Neutron inelastic cross-section measurements for $^{24}\text{Mg}$ . Physical Review C, 2014, 90, .	2.9	16
41	Prompt Response Function (PRF) of Lifetime Measurement in the $2^+$ State of $^{192}\text{Os}$ Nuclei Energy Levels from Triple-Gamma Coincidence Techniques. Journal of the Nigerian Society of Physical Sciences, 0, , 257-261.	0.0	1