Adina Olacel

List of Publications by Year
in descending order

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41 papers	356 citations	933447 10 h-index	839539 18 g-index
42 all docs	42 docs citations	42 times ranked	436 citing authors

#	Article	IF	Citations
1	Identification of Quadruplet of Low-Lying Spin-Zero States in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ni</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>66</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> :	7.8	53
2	The ROSPHERE Î³-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
3	Cross-section measurements for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Fe</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>56</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rgBT /O	2.9	36
4	Shape Coexistence at Zero Spin in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ni</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>64</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Driven by the Monopole Tensor Interaction. Physical Review Letters, 2020, 125, 102502.	7.8	24
5	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.	2.5	19
6	Measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">U</mml:mi><mml:mprescripts /><mml:none /><mml:mn>238</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:msup><mml:mn	2.9	17
7	Neutron inelastic cross-section measurements for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>24</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2014, 90, .	2.9	16
8	Neutron inelastic scattering measurements on the stable isotopes of titanium. Physical Review C, 2017, 96, .	2.9	12
9	Cross-section measurements for theFe57(n,nÎ³)Fe57andFe57(n,2nÎ³)Fe56reactions. Physical Review C, 2017, 96, .	2.9	10
10	Nuclear Data Sheets for A=218. Nuclear Data Sheets, 2019, 160, 405-471.	2.2	9
11	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math>-ray spectroscopy of low-lying excited states and shape competition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Os</mml:mi><mml:mprescripts /><mml:none /><mml:mn>194</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2017, 95, .	2.9	8
12	Lifetime measurements in the chiral-candidate doublet bands of La130. Physical Review C, 2018, 98, .	2.9	8
13	Cross-section measurements for neutron inelastic scattering and the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mo>Â on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>206</mml:mn></mml:mrow></mml:mmultiscripts></mm. Physical Review C, 2015, 91, .	2.9	7
14	Fast-timing lifetime measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Gd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>152</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2016, 94, .	2.9	7
15	How to produce accurate inelastic cross sections from an indirect measurement method?. EPJ Nuclear Sciences & Technologies, 2018, 4, 23.	0.7	7
16	Neutron inelastic scattering on 54Fe. European Physical Journal A, 2018, 54, 1.	2.5	7
17	Nucleon inelastic scattering cross sections on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>16</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Si</mml:mi><mml:mprescripts /><mml:none /><mml:mn>28</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2020, 101, .	2.9	6
18	GRAPhEME: A setup to measure (n, xnÎ³) reaction cross sections. , 2015, , .		5

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19	Dead time corrections for inbeam Î³ -spectroscopy measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 863, 15-19.	1.6	5
20	New evidence for alpha clustering structure in the ground state band of 212Po. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136624.	4.1	5
21	Lifetime measurements in Nd138. Physical Review C, 2018, 97, .	2.9	4
22	Band structures, lifetimes, and shape coexistence in La130. Physical Review C, 2020, 102, .	2.9	4
23	What can we learn from (n,xnÎ³) cross sections about reaction mechanism and nuclear structure?. EPJ Web of Conferences, 2020, 239, 01023.	0.3	4
24	MEASUREMENT OF 182,184,186W (N, Nâ€™ Î³) CROSS SECTIONS AND WHAT WE CAN LEARN FROM IT. EPJ Web of Conferences, 2021, 247, 09003.	0.3	4
25	Absolute cross sections of the⁸⁶Sr(Î±,n)⁸⁹Zr reaction at energies of astrophysical interest. EPJ Web of Conferences, 2017, 146, 01016.	0.3	3
26	Measurement of (n,xnÎ³) reaction cross sections in W isotopes. EPJ Web of Conferences, 2017, 146, 11016.	0.3	3
27	Proton inelastic scattering cross section measurements on16O and28Si. EPJ Web of Conferences, 2017, 146, 11015.	0.3	2
28	New equipment for neutron scattering cross-section measurements at GELINA. EPJ Web of Conferences, 2020, 239, 17003.	0.3	2
29	Nanosecond lifetime measurements of IÏ€=9/2- intrinsic excited states and low-lying B(E1) strengths in 183Re using combined HPGe-LaBr3 coincidence spectroscopy. Radiation Physics and Chemistry, 2017, 137, 7-11.	2.8	1
30	High precision neutron inelastic cross section measurements. AIP Conference Proceedings, 2017, , .	0.4	1
31	Neutron inelastic cross section measurements fornatTi. EPJ Web of Conferences, 2017, 146, 11014.	0.3	1
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	Shape transitions between and within Zr isotopes. EPJ Web of Conferences, 2019, 223, 01070.	0.3	1
34	Collective properties of neutron-deficient Nd isotopes: Lifetime measurements of the yrast states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Nd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>136</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2021, 103, .	2.9	1
35	Prompt Response Function (PRF) of Lifetime Measurement in the 2+ State of 192Os Nuclei Energy Levels from Triple-Gamma Coincidence Techniques. Journal of the Nigerian Society of Physical Sciences, 0, , 257-261.	0.0	1
36	Lifetime measurements and evidence for triaxial nuclear shapes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Cs</mml:mi><mml:mprescripts /><mml:none /><mml:mn>127</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2021, 104, .	2.9	1

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37	(n, xn) cross sections on56,57Fe. EPJ Web of Conferences, 2017, 146, 11009.	0.3	0
38	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
39	Preliminary results of proton inelastic scattering on 57Fe. AIP Conference Proceedings, 2019, , .	0.4	0
40	Reaction studies with an almost total absorption gamma spectrometer. AIP Conference Proceedings, 2019, , .	0.4	0
41	Neutron inelastic cross section measurements on 54Fe. EPJ Web of Conferences, 2020, 239, 01010.	0.3	0