

# M Mocko

## List of Publications by Year in descending order

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55  
papers

1,612  
citations

331670

21  
h-index

289244

40  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1493  
citing authors



#	ARTICLE	IF	CITATIONS
19	State Proton Decay of $^{69}\text{Br}$ and Implications for the $^{69}\text{Se}$ Particle decay of $^{69}\text{Br}$ and Implications for the $^{69}\text{Se}$ Particle Capture Physical Review C, 2007, 76, .	7.8	32
20	Hybrid coded aperture and Compton imaging using an active mask. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, 267-274.	2.9	26
21	Hybrid coded aperture and Compton imaging using an active mask. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, 267-274.	1.6	25
22	$N/Z$ DEPENDENCE OF PROJECTILE FRAGMENTATION. International Journal of Modern Physics E, 2008, 17, 1838-1849.	1.0	21
23	Projectile fragmentation of $^{86}\text{Kr}$ at 64 MeV/nucleon. Physical Review C, 2007, 76, .	2.9	19
24	Projectile fragmentation of radioactive beams of $^{68}\text{Ni}$ , $^{69}\text{Cu}$ , and $^{72}\text{Zn}$ . Physical Review C, 2009, 80, .	2.9	17
25	Advantages and limitations of nuclear physics experiments at an ISIS-class spallation neutron source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 589, 455-464.	1.6	16
26	Mass and Isospin Effects in Multifragmentation. Nuclear Physics A, 2005, 749, 83-92.	1.5	15
27	Extrapolation of neutron-rich isotope cross-sections from projectile fragmentation. Europhysics Letters, 2007, 79, 12001.	2.0	14
28	Isoscaling, symmetry energy and thermodynamic models. Nuclear Physics A, 2008, 813, 293-312.	1.5	14
29	Double isobaric analog of $^{11}\text{Li}$ in $^{11}\text{B}$ . Physical Review C, 2012, 86, .	2.9	14
30	Cross sections of neutron-rich nuclei from projectile fragmentation: Canonical thermodynamic model estimates. Physical Review C, 2007, 76, .	2.9	12
31	Experimental measurement of the neutron time-emission spectra at the Manuel Lujan Jr. Neutron Scattering Center. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 632, 101-108.	1.6	12
32	Investigations and corrections of the light output uniformity of CsI(Tl) crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 526, 455-476.	1.6	10
33	Monte Carlo study of the neutron time emission spectra at the Manuel Lujan Jr. Neutron Scattering Center. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 373-381.	1.6	10
34	Energy resolved neutron radiography at LANSCE pulsed neutron facility. Neutron News, 2013, 24, 28-32.	0.2	10
35	Discovery of $^{60}\text{Ge}$ and $^{64}\text{Se}$ . European Physical Journal A, 2005, 25, 335-338.	2.5	8
36	Discriminant analysis and secondary-beam charge recognition. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 587, 413-419.	1.6	8

#	ARTICLE	IF	CITATIONS
37	Neutron recognition in the LAND detector for large neutron multiplicity. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 47-54.	1.6	8
38	One-neutron knockout of $^{23}\text{O}$ . European Physical Journal A, 2005, 25, 343-346.	2.5	7
39	Gross Properties and Isotopic Phenomena in Spectator Fragmentation. Nuclear Physics A, 2007, 787, 627-632.	1.5	7
40	Triphenylmethane, a possible moderator material. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 738, 1-5.	1.6	7
41	High-energy breakup of $^8\text{B}$ . Nuclear Physics A, 2003, 718, 431-433.	1.5	5
42	Nuclear structure of light exotic nuclei from break-up reactions. Nuclear Physics A, 2004, 746, 479-482.	1.5	4
43	Experimental and theoretical total neutron scattering cross-section of water confined in silica microspheres. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 681, 91-93.	1.6	4
44	Demonstration of a single-crystal reflector-filter for enhancing slow neutron beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 830, 454-460.	1.6	4
45	A modular apparatus for use in high-precision measurements of parity violation in polarized eV neutron transmission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 969, 163961.	1.6	4
46	Experimental study of potential neutron moderator materials. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 624, 173-179.	1.6	3
47	Production of neutron-rich fragments with neutron number $N > N_{\text{projectile}}$ in the reaction $^{48}\text{Ca} + ^{60}\text{Ti} \rightarrow ^{108}\text{Zr} + \dots$	3.6	2
48	Structure of neutron-rich oxygen isotopes. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1629-S1632.	3.6	2
49	Simulation and modeling for the Stand-Off Radiation Detection System (SORDS) using GEANT4. , 2009, , .		2
50	Ground-state proton decay of $^{69}\text{Br}$ and implications for therp-process $^{68}\text{Se}$ waiting-point. Journal of Physics: Conference Series, 2011, 312, 042020.	0.4	1
51	Two-proton decay of the $^{6}\text{Be}$ ground state and the double isobaric analog of $^{11}\text{Li}$ . Journal of Physics: Conference Series, 2013, 420, 012073.	0.4	1
52	New Results On $^8\text{B}$ And $^{23}\text{O}$ Ground State Properties. AIP Conference Proceedings, 2003, , .	0.4	0
53	Spectroscopy of light exotic nuclei using nuclear break-up. AIP Conference Proceedings, 2004, , .	0.4	0
54	Material science and chemistry enhancing spallation source design. Neutron News, 2013, 24, 24-27.	0.2	0

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55	One-neutron knockout of $^{23}\text{O}$ . , 2005, , 343-346.		0