

Andrew M Rogers

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,582
citations

304743

22
h-index

302126

39
g-index

71
all docs

71
docs citations

71
times ranked

1497
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-particle and dipole excitations in ^{62}Co . Physical Review C, 2022, 105, .	2.9	5
2	Single-particle and collective excitations in ^{66}Zn . Physical Review C, 2022, 105, .	2.9	1
3	^{34}Ar and its relevance for nucleosynthesis in ONe novae. Physical Review C, 2021, 103, .	2.9	5
4	Quenching of single-particle strengths in direct reactions. Physical Review C, 2021, 104, .	2.9	6
5	Influence of ^{73}Rb on the ashes of accreting neutron stars. Physical Review C, 2020, 102, .	2.9	4
6	^{30}P and the abundance of ^{29}Si in presolar grains. Physical R	2.9	2
7	Mirror-symmetry violation in bound nuclear ground states. Nature, 2020, 580, 52-55. Search for Nova Presolar Grains: ^{13}C -Ray Spectroscopy of	27.8	23
8	^{34}Ar	2.9	5
9	^{100}Zr and ^{100}Mo an r -process nucleosynthesis: connecting rare-isotope beam facilities with the cosmos. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 083001. Superallowed ^{13}C Decay to Doubly Magic	3.6	115
10	^{100}Sn	7.8	76
11	Sequence in ^{100}Ge	7.8	15
12	Experimental study of the effective nucleon-nucleon interaction using the F21(d,p)F22 reaction. Physical Review C, 2018, 98, .	2.9	3
13	Design, construction, and characterization of a compact DD neutron generator designed for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 903, 193-203.	1.6	14
14	Competition of $^2\text{-delayed}$ protons and $^2\text{-delayed}$ $^3\text{-rays}$ in ^{56}Zn and the exotic $^2\text{-delayed}$ $^3\text{-proton}$ decay. EPJ Web of Conferences, 2016, 117, 06019.	0.3	0
15	$^{2+}$ isomer in ^{62}Co	2.9	5
16	Single-particle and collective excitations in ^{62}Ni . Physical Review C, 2016, 94, .	2.9	12
17	One-dimensionality in atomic nuclei: A candidate for linear-chain ^{13}C clustering in ^{13}C	2.9	53
18	of the exotic ^{12}C decay of the exotic ^{48}Fe	2.9	26

#	ARTICLE	IF	CITATIONS
37	Publisher's Note: Fusion Reactions with the One-Neutron Halo Nucleus ^{15}C [Phys. Rev. Lett. 106, 172701 (2011)]. Physical Review Letters, 2013, 111, .	7.8	0
38	Single-particle and collective excitations in ^{63}Ni . Physical Review C, 2013, 88, .	2.9	16
39	Single-neutron excitations in ^{18}N . Physical Review C, 2013, 88, .	2.9	8
40	Beta decay of exotic $T_{[Z]}^{\pi} = \pi^{\pm} 1$ and $T_{[Z]}^{\pi} = \pi^{\pm} 2$ nuclei. , 2012, , . Angular dependence in proton-proton correlation functions in central		1
41	Low-spin states and the non-observation of a proposed ^{40}Ca and ^{40}Ca isomer in ^{68}Ni . Physical Review C, 2012, 86, .	2.9	9
42	A digital data acquisition system for the detectors at gammasphere. , 2012, , .	2.9	36
43	Studying X-ray Burst Nucleosynthesis in the Laboratory. Journal of Physics: Conference Series, 2012, 403, 012033.	0.4	2
44	Double isobaric analog of ^{11}Li in ^{11}B . Physical Review C, 2012, 86, .	2.9	14
45	Yrast structure of ^{206}Bi : Isomeric states and one-proton-particle, three-neutron-hole excitations. Physical Review C, 2012, 86, .	2.9	15
46	Publisher's Note: Level structure of ^{30}S : Implications for the astrophysical $^{29}\text{P}(p, n)^{30}\text{S}$ reaction rate in One novae and x-ray bursts [Phys. Rev. C 86, 047801 (R) (2012)]. Physical Review C, 2012, 86, .	2.9	0
47	Implications for the astrophysical ^{30}S		
48			

#	ARTICLE	IF	CITATIONS
55	69Kr ²⁻ -delayed proton emission: A Trojan horse for studying states in proton-unbound 69Br. Physical Review C, 2011, 84.	2.9	9
56	Ground-State Proton Decay of ^{69}Br and Implications for the ^{68}Se Fusion Reactions with the One-Neutron Halo Nucleus ^{15}C . Astrophysical Rapid Proton-Capture Processes. Physical Review Letters, 2011, 106, 172701.	7.8	32
57	Seniority, collectivity, and in ^{72}Ni . Physical Review C, 2011, 84, .	7.8	33
58	Isospin effects in $^{40,48}\text{Ca}+^{40,48}\text{Ca}$ collisions. Nuclear Physics A, 2010, 834, 552c-554c.	2.9	22
59	Neutron-Proton Asymmetry Dependence of Spectroscopic Factors in Ar Isotopes. Physical Review Letters, 2010, 104, 112701.	1.5	2
60	Projectile fragmentation of radioactive beams of ^{68}Ni , ^{69}Cu , and ^{72}Zn . Physical Review C, 2009, 80, .	7.8	101
61	Mechanisms in Knockout Reactions. Physical Review Letters, 2009, 102, 232501.	2.9	17
62	TOF-B ⁺ mass measurements of very exotic nuclides for astrophysical calculations at the NSCL. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014045.	7.8	41
63	Investigation of particle-unbound excited states in light nuclei with resonance-decay spectroscopy using a ^{12}Be beam. Physical Review C, 2008, 78, .	3.6	8
64	Particle decay of ^{12}Be excited states. Physical Review C, 2007, 76, .	2.9	47
65	Projectile fragmentation of ^{86}Kr at 64 MeV/nucleon. Physical Review C, 2007, 76, .	2.9	26
66	Fragmentation cross sections and binding energies of neutron-rich nuclei. Physical Review C, 2007, 76, .	2.9	19
67	Extrapolation of neutron-rich isotope cross-sections from projectile fragmentation. Europhysics Letters, 2007, 79, 12001.	2.9	52
68	Neutron and Proton Transverse Emission Ratio Measurements and the Density Dependence of the Asymmetry Term of the Nuclear Equation of State. Physical Review Letters, 2006, 97, 052701.	2.0	14
69	Projectile fragmentation of ^{40}Ca , ^{48}Ca , ^{58}Ni , and ^{64}Ni at 140 MeV/nucleon. Physical Review C, 2006, 74, .	7.8	200
70	Projectile fragmentation of ^{40}Ca , ^{48}Ca , ^{58}Ni , and ^{64}Ni at 140 MeV/nucleon. Physical Review C, 2006, 74, .	2.9	102