

# Alexandra Gade

## List of Publications by Year in descending order

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310  
papers

8,155  
citations

44069

48  
h-index

85541

71  
g-index

314  
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314  
docs citations

314  
times ranked

2045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of spectroscopic strength: Weakly-bound and strongly-bound single-particle states studied using one-nucleon knockout reactions. <i>Physical Review C</i> , 2008, 77, .	2.9	243
2	Evolution of shell structure in exotic nuclei. <i>Reviews of Modern Physics</i> , 2020, 92, .	45.6	218
3	Discovery of $^{40}\text{Mg}$ and $^{42}\text{Al}$ suggests neutron drip-line slant towards heavier isotopes. <i>Nature</i> , 2007, 449, 1022-1024.	27.8	157
4	Reduced transition probabilities to the first $2^+$ state in $^{52,54,56}\text{Ti}$ and development of shell closures at $N=32,34$ . <i>Physical Review C</i> , 2005, 71, .	2.9	130
5	In-beam nuclear spectroscopy of bound states with fast exotic ion beams. <i>Progress in Particle and Nuclear Physics</i> , 2008, 60, 161-224.	14.4	122
6	Systematics of intermediate-energy single-nucleon removal cross sections. <i>Physical Review C</i> , 2014, 90, .	2.9	116
7	Comprehensive studies of low-spin collective excitations in $^{94}\text{Mo}$ . <i>Physical Review C</i> , 2003, 67, . <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mi>Z</mi><mo>=</mo><mi>50</mi></math> Shell Gap near	2.9	114
8	neutron-rich $^{100}\text{Sn}$ from Intermediate-Energy Coulomb Excitations in Even-Mass $^{100}\text{Zn}$ . <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mi>N</mi><mo>=</mo><mi>40</mi></math> in	7.8	112
9	neutron-rich $^{64}\text{Cr}$ . <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mi>N</mi><mo>=</mo><mi>40</mi></math> in <i>Physical Review C</i> , 2010, 81, .	2.9	107
10	â€™Magicâ€™ nucleus $^{42}\text{Si}$ . <i>Nature</i> , 2005, 435, 922-924.	27.8	104
11	Cross-shell excitation in two-proton knockout: Structure of $^{52}\text{Ca}$ . <i>Physical Review C</i> , 2006, 74, .	2.9	104
12	Enhanced Quadrupole Collectivity at $^{40}\text{N}$ : The Case of Neutron-Rich Fe Isotopes. <i>Physical Review Letters</i> , 2011, 106, 022502.	7.8	102
13	Reduced Occupancy of the Deeply Bound $^{5/2}$ Neutron State in $^{32}\text{Ar}$ . <i>Physical Review Letters</i> , 2004, 93, 042501.	7.8	97
14	Protonâ€™neutron structure of the $N=52$ nucleus $^{92}\text{Zr}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 550, 140-146.	4.1	93
15	NSCL and FRIB at Michigan State University: Nuclear science at the limits of stability. <i>Physica Scripta</i> , 2016, 91, 053003.	2.5	92
16	Evidence for a Change in the Nuclear Mass Surface with the Discovery of the Most Neutron-Rich Nuclei with $Z=25$ . <i>Physical Review Letters</i> , 2009, 102, 142501.	7.8	87
17	New Direct Reaction: Two-Proton Knockout from Neutron-Rich Nuclei. <i>Physical Review Letters</i> , 2003, 91, 012501.	7.8	84
18	Measurement of $E2$ transition strengths in $^{32,34}\text{Mg}$ . <i>Physical Review C</i> , 2005, 72, .	2.9	84

#	ARTICLE	IF	CITATIONS
19	Nuclear astrophysics with radioactive beams. <i>Physics Reports</i> , 2010, 485, 195-259.	25.6	83
20	In-beam $\hat{I}^3$ -ray spectroscopy and inclusive two-proton knockout cross section measurements at $N \approx 40$ . <i>Physical Review C</i> , 2008, 77, .	2.9	82
21	Single-neutron knockout from intermediate energy beams of $^{30}\text{Mg}$ . <i>Physical Review C</i> , 2008, 77, .	2.9	82
22	Quadrupole Deformation of the Self-Conjugate Nucleus $^{72}\text{Kr}$ . <i>Physical Review Letters</i> , 2005, 95, 022502.	7.8	80
23	Spectroscopy of $^{36}\text{Mg}$ : Interplay of Normal and Intruder Configurations at the Neutron-Rich Boundary of the $\beta$ -island of Inversion. <i>Physical Review Letters</i> , 2007, 99, 072502.	7.8	78
24	Quadrupole Collectivity in Neutron-Rich Fe and Cr Isotopes. <i>Physical Review Letters</i> , 2013, 110, 242701.	7.8	77
25	A proton density bubble in the doubly magic $^{34}\text{Si}$ nucleus. <i>Nature Physics</i> , 2017, 13, 152-156.	16.7	76
26	Discovery of $^{60}\text{Ca}$ and Implications For the Stability of $^{60}\text{Ca}$ . <i>Physical Review Letters</i> , 2007, 99, 112501.	7.8	73
27	Direct evidence for the onset of intruder configurations in neutron-rich Ne isotopes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 640, 86-90.	4.1	68
28	Selective Population and Neutron Decay of an Excited State of $^{23}\text{O}$ . <i>Physical Review Letters</i> , 2007, 99, 112501.	7.8	67
29	MOMDIS: a Glauber model computer code for knockout reactions. <i>Computer Physics Communications</i> , 2006, 175, 372-380.	7.5	66
30	Triple configuration coexistence in $^{44}\text{S}$ . <i>Physical Review C</i> , 2011, 83, .	2.9	64
31	Quenching of single-particle strength from direct reactions with stable and rare-isotope beams. <i>Progress in Particle and Nuclear Physics</i> , 2021, 118, 103847.	14.4	64
32	Knockout from $^{46}\text{Ar}$ , $^{47}\text{Ar}$ , $^{48}\text{Ar}$ : $3n$ removal and deviations from eikonal theory. <i>Physical Review C</i> , 2005, 71, .	2.9	63
33	Quenching of Spectroscopic Factors for Proton Removal in Oxygen Isotopes. <i>Physical Review Letters</i> , 2011, 107, 032501.	7.8	62
34	The performance of the $\hat{I}^3$ -ray tracking array GRETINA for $\hat{I}^3$ -ray spectroscopy with fast beams of rare isotopes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 847, 187-198.	1.6	62
35	Evolution of Collectivity in $^{72}\text{Kr}$ . <i>Physical Review Letters</i> , 2014, 112, 142502.	7.8	61
36	First observation of a mixed-symmetry two-Q-phonon $22_{ms+}$ state in $^{94}\text{Mo}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 508, 219-224.	4.1	60

#	ARTICLE	IF	CITATIONS
37	Configuration mixing and relative transition rates between low-spin states in $^{68}\text{Ni}$ . Physical Review C, 2013, 88, .	2.9	60
38	Quadrupole collectivity in neutron-deficient Sn nuclei: $^{104}\text{Sn}$ and the role of proton excitations. Physical Review C, 2013, 88, .	2.9	59
39	Two-neutron knockout from neutron-deficient $^{34}\text{Ar}$ , $^{30}\text{S}$ , and $^{26}\text{Si}$ . Physical Review C, 2006, 74, .	2.9	58
40	Detailed experimental study on intermediate-energy Coulomb excitation of $^{46}\text{Ar}$ . Physical Review C, 2003, 68, .	2.9	55
41	One-neutron knockout reactions on proton-rich nuclei with $N=16$ . Physical Review C, 2004, 69, .	2.9	53
42	Shell structure at $N=28$ near the dripline: Spectroscopy of $^{42}\text{Si}$ , $^{43}\text{P}$ , and $^{44}\text{S}$ . Physical Review C, 2006, 74, .	2.9	52
43	Shape and Structure of $^{42}\text{Si}$ , $^{43}\text{P}$ , and $^{44}\text{S}$ . Physical Review C, 2006, 74, . Production and Decay of $^{42}\text{Si}$ and $^{43}\text{P}$ . Physical Review Letters, 2007, .	7.8	52
44	Transition Rates from $^{42}\text{Si}$ to $^{43}\text{P}$ and $^{44}\text{S}$ . Physical Review Letters, 2007, .	7.8	52
45	$r$ -Process Nuclei $^{112}\text{Cd}$ and Systematics of the Production Cross Sections of the Most Neutron-Rich Nuclei. Physical Review C, 2007, 75, .	2.9	51
46	Intermediate-energy Coulomb excitation of $^{58}\text{Cr}$ , $^{60}\text{Cr}$ , and $^{62}\text{Cr}$ : The onset of collectivity toward $N=40$ . Physical Review C, 2012, 86, .	2.9	51
47	Production cross sections from $^{82}\text{Se}$ fragmentation as indications of shell effects in neutron-rich isotopes close to the drip-line. Physical Review C, 2013, 87, .	2.9	50
48	Proton-neutron mixed-symmetry $2^+_{\text{ms}}$ and $3^+_{\text{ms}}$ states in $^{96}\text{Ru}$ . Physical Review C, 2002, 65, .	2.9	49
49	Measurement of Excited States in $^{40}\text{Si}$ and Evidence for Weakening of the $N=28$ Shell Gap. Physical Review Letters, 2006, 97, 112501.	7.8	49
50	Single-particle structure of silicon isotopes approaching $^{42}\text{Si}$ . Physical Review C, 2014, 90, .	2.9	49
51	Proton-neutron structure of low lying collective quadrupole excitations in $^{126}\text{Xe}$ . Nuclear Physics A, 2000, 665, 268-284.	1.5	47
52	Investigation of particle-unbound excited states in light nuclei with resonance-decay spectroscopy using a $^{12}\text{Be}$ beam. Physical Review Letters, 2012, 108, 122501.	2.9	47
53	Probing Configuration Mixing in $^{12}\text{Be}$ with Gamow-Teller Transition Strengths. Physical Review Letters, 2012, 108, 122501.	7.8	47
54	Evolution of the $E(1/2^+_{\text{g.s.}}) - E(3/2^+_{\text{g.s.}})$ energy spacing in odd-mass K, Cl, and P isotopes for $N=20$ to $28$ . Physical Review C, 2006, 74, .	2.9	46

#	ARTICLE	IF	CITATIONS
55	Variation with mass of $B(E3; 0_1^+ \rightarrow 3_1^+)$ transition rates in $A=124-134$ even-mass xenon nuclei. Physical Review C, 2006, 73, .	2.9	46
56	Time-of-Flight Mass Measurements for Nuclear Processes in Neutron Star Crusts. Physical Review Letters, 2011, 107, 172503.	7.8	45
57	CAESAR <sup>e</sup> A high-efficiency CsI(Na) scintillator array for in-beam $\gamma$ spectroscopy with fast rare-isotope beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 624, 615-623.	1.6	44
58	Two-Nucleon Knockout Spectroscopy at the Limits of Nuclear Stability. Physical Review Letters, 2009, 102, 132502.	7.8	43
59	Shape evolution in self-conjugate nuclei, and the transitional nucleus $^{68}\text{Se}$ . Physical Review C, 2009, 80, .	2.9	42
60	Nuclear structure in the vicinity of $N=Z=28$ $^{56}\text{Ni}$ . Physical Review C, 2004, 70, .	2.9	41
61	Collectivity of neutron-rich palladium isotopes and the valence proton symmetry. Physical Review C, 2008, 78, .	2.9	41
62	Mechanisms in Knockout Reactions. Physical Review Letters, 2009, 102, 232501.	7.8	41
63	Two-proton knockout from $^{32}\text{Mg}$ : Intruder amplitudes in $^{30}\text{Ne}$ and implications for the binding of $^{29,31}\text{F}$ . Physical Review C, 2010, 81, .	2.9	41
64	Probing Shell Structure and Shape Changes in Neutron-Rich Sulfur Isotopes through Transient-Field-g-Factor Measurements on Fast Radioactive Beams of $^{38}\text{S}$ and $^{40}\text{S}$ . Physical Review Letters, 2006, 96, 112503.	7.8	40
65	Production of very neutron-rich nuclei with a $^{68}\text{Ge}$ beam. Physical Review C, 2009, 80, .	2.9	40
66	Identification of deformed intruder states in semi-magic $^{100}\text{Sn}$ region. Physical Review C, 2012, 86, .	2.9	40
67	Identification of deformed intruder states in semi-magic $^{70}\text{Ni}$ . Physical Review C, 2015, 91, .	2.9	40
68	Low-lying dipole excitations in vibrational nuclei: The Cd isotopic chain studied in photon scattering experiments. Physical Review C, 2005, 72, .	2.9	39
69	Observation of mutually enhanced collectivity in self-conjugate $^{76}\text{Sr}$ . Physical Review C, 2012, 85, .	2.9	39
70	Updated systematics of intermediate-energy single-nucleon removal cross sections. Physical Review C, 2021, 103, .	2.9	37
71	Nuclear structure of $^{96,98}\text{Mo}$ : Shape coexistence and mixed-symmetry states. Nuclear Physics A, 2016, 947, 203-233.	1.5	36
72	Shape coexistence in neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 024001.	3.6	36

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#	ARTICLE	IF	CITATIONS
91	Collective bands in the triaxial nucleus Xe. Nuclear Physics A, 2001, 692, 451-475.	1.5	30
92	Non-yrast states of Ce populated in $\beta$ -decay. Nuclear Physics A, 2000, 673, 45-63.	1.5	29
93	Quadrupole Collectivity beyond $N=28$ : Intermediate-Energy Coulomb Excitation of $^{47,48}\text{Ar}$ . Physical Review Letters, 2012, 108, 182501.	7.8	29
94	Collectivity in $A \approx 70$ nuclei studied via lifetime measurements in $^{70}\text{Br}$ and $^{68,70}\text{Se}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 52-57.	4.1	29
95	Thick-target inverse-kinematics proton scattering from $^{46}\text{Ar}$ and the $N=28$ shell below $^{48}\text{Ca}$ . Physical Review C, 2005, 72, .	2.9	28
96	Collectivity at $N=50$ : $^{82}\text{Ge}$ and $^{84}\text{Se}$ . Physical Review C, 2010, 81, .	2.9	28
97	Exploring the Low-Z Shore of the Island of Inversion at $N=19$ . Physical Review Letters, 2012, 108, 032501.	7.8	28
98	Proton-neutron structure of the effective quadrupole-octupole coupled $E1$ transition operator. Physical Review C, 2003, 68, .	2.9	27
99	Excited-state transition-rate measurements in $^{18}\text{C}$ . Physical Review C, 2012, 86, .	2.9	27
100	Mass Measurement of $^{18}\text{C}$ . Physical Review C, 2012, 86, .	7.8	27
101	Odd-Even Dipole strength distributions in the stable Ba isotopes $^{134}\text{Ba}$ – $^{138}\text{Ba}$ : A study in the mass region of a nuclear shape transition. Physical Review C, 2004, 70, .	2.9	26
102	Particle decay of $^{12}\text{C}$ excited states. Physical Review C, 2007, 76, .	2.9	26
103	$^{64}\text{Zn}$ measured with the $^{64}\text{Zn}$ . Physical Review C, 2007, 76, .	2.9	26
104	First observation of excited states in $^{12}\text{Li}$ . Physical Review C, 2010, 81, .	2.9	26
105	Spectroscopy of neutron-unbound $^{27}\text{F}$ and $^{28}\text{F}$ . Physical Review C, 2012, 85, .	2.9	26
106	Time-of-flight mass measurements of neutron-rich chromium isotopes up to $^{240}\text{Cr}$ : implications for the accreted neutron star crust. Physical Review C, 2016, 93, .	2.9	26
107	One-neutron knockout from $^{57}\text{Ni}$ . Physical Review C, 2006, 74, .	2.9	25
108	Shell structure and hole strength in neutron-rich $^{43}\text{P}$ . Physical Review C, 2008, 78, .	2.9	25

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109	$\frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \mathbf{F} \cdot \mathbf{v}$ Gamow-Teller Transition Strengths from $\frac{d}{dt} \left( \frac{1}{2} m v^2 \right) = \mathbf{F} \cdot \mathbf{v}$	7.8	25
110	Nuclear mass measurements map the structure of atomic nuclei and accreting neutron stars. <i>Physical Review C</i> , 2020, 101, .	2.9	25
111	Time-of-flight mass measurements of exotic nuclei. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 696, 171-179.	1.6	24
112	Mirror Energy Differences at Large Isospin Studied through Direct Two-Nucleon Knockout. <i>Physical Review Letters</i> , 2013, 111, 072501.	7.8	24
113	Facility for Rare Isotope Beams Update for <i>Nuclear Physics News</i> . <i>Nuclear Physics News</i> , 2017, 27, 28-33.	0.4	24
114	Shape Coexistence at Zero Spin in $^{64}\text{Ni}$ Driven by the Monopole Tensor Interaction. <i>Physical Review Letters</i> , 2020, 125, 102502.	7.8	24
115	First observation of the intruder band in $^{108}\text{Cd}$ . <i>Physical Review C</i> , 2002, 65, .	2.9	23
116	Development of a secondary triton beam from primary $^{16,18}\text{O}$ beams for $(t,^3\text{He})$ experiments at intermediate energies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 566, 264-269.	1.6	23
117	Accuracy of $B(E2; 0_1^+ \rightarrow 2_1^+)$ transition rates from intermediate-energy Coulomb excitation experiments. <i>Physical Review C</i> , 2006, 73, 044301.	2.9	23
118	Ground state energy and width of $^7\text{He}$ from $^7\text{Li}$ $\beta$ -decay. <i>Physical Review Letters</i> , 2002, 88, 082501.	2.9	23
119	Non-yrast states of $^{132}\text{Ce}$ populated in $\beta$ -decay. <i>Nuclear Physics A</i> , 1998, 643, 225-242.	1.5	22
120	Isovector dipole and quadrupole excitations in $^{66}\text{Zn}$ . <i>Physical Review C</i> , 2002, 65, .	2.9	22
121	Nonyrast states of $^{108}\text{Cd}$ : Investigation with complementary $\beta$ -spectroscopic methods. <i>Physical Review C</i> , 2002, 66, .	2.9	22
122	Photon scattering experiments off $^{176}\text{Hf}$ and the systematics of low-lying dipole modes in the stable even-even Hf isotopes $^{176,178,180}\text{Hf}$ . <i>Physical Review C</i> , 2003, 67, .	2.9	22
123	Spectroscopy of $^{20}\text{Mg}$ . The isobaric mass multiplet equation for the $^{20}\text{Mg}$ multiplet. <i>Physical Review Letters</i> , 2002, 88, 082501.	2.9	22
124	GRETINA and Its Early Science. <i>Annual Review of Nuclear and Particle Science</i> , 2016, 66, 321-339.	10.2	22
125	Rotational band structure in $^{32}\text{Mg}$ . <i>Physical Review C</i> , 2016, 93, .	2.9	22
126	In-beam $\beta$ -ray spectroscopy at the proton dripline: $^{23}\text{Al}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 666, 218-221.	4.1	21



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127	LaBr <sub>3</sub> :Ce scintillators for in-beam gamma-ray spectroscopy with fast beams of rare isotopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Front-End Electronics, 2013, 566-570. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	1.6	21
128	First-principles calculation of the $\beta$ -decay of $^{60}\text{Fe}$ and $^{60}\text{Ni}$ using the $\text{AV18}$ and $\text{AV18}+\text{UIX}$ nucleon-nucleon interactions. <i>Physical Review C</i> , 2019, 100, 014307. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	21
129	Measurement of the $\beta$ -decay of $^{60}\text{Fe}$ using a $\text{LaBr}_3$ scintillator. <i>Physical Review C</i> , 2019, 100, 014307. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	2.9	21
130	Systematic study of off-shell nuclei via single-nucleon knockout reactions. <i>Physical Review C</i> , 2012, 86, .	2.9	21
131	White paper on nuclear astrophysics and low-energy nuclear physics, Part 2: Low-energy nuclear physics. <i>Progress in Particle and Nuclear Physics</i> , 2017, 94, 68-124.	14.4	20
132	Establishing the Maximum Collectivity in Highly Deformed Nuclei. <i>Physical Review Letters</i> , 2020, 124, 152501. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	7.8	20
133	Decay properties of low-lying collective states in $^{132}\text{Ba}$ . <i>Nuclear Physics A</i> , 2002, 697, 75-91.	1.5	19
134	Measurement of key resonance states for the $^{132}\text{Ba}$ nucleus. <i>Physical Review C</i> , 2002, 66, 014307. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>		

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145	Angle-integrated measurements of the $^{26}\text{Al}(d, n)^{27}\text{Si}$ reaction cross section: a probe of spectroscopic factors and astrophysical resonance strengths. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	17
146	Neutron-unbound states in $^{25}\text{F}$ and $^{26}\text{F}$ . <i>Physical Review C</i> , 2011, 84, .	2.9	16
147	Single-particle and collective excitations in $^{63}\text{Ni}$ . <i>Physical Review C</i> , 2013, 88, .	2.9	16
148	Excitation energies in neutron-rich rare isotopes as indicators of changing shell structure. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	16
149	Spectroscopy of $^{15}\text{C}$ . <i>Physical Review Letters</i> , 2002, 89, 172501.	2.9	16
150	Isomeric Character of the Lowest Observed $^{15}\text{C}$ State in $^{15}\text{C}$ . <i>Physical Review Letters</i> , 2002, 89, 172502.	7.8	16
151	Low-energy electromagnetic excitation strengths in $^{121}\text{Sb}$ and $^{123}\text{Sb}$ . <i>Physical Review C</i> , 2002, 65, .	2.9	15
152	Inverse-kinematics one-proton pickup with intermediate-energy beams: The $^{10}\text{Be}$ . <i>Physical Review C</i> , 2002, 65, .		

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163	<p>Stability of the one-neutron knockout reaction on <math>^{45}\text{Ca}</math> and the collapse of the <math>^{28}\text{N}</math> shell</p> <p>Physical Review C, 2012, 86, .</p>	2.9	14
164	<p>Double isobaric analog of <math>^{11}\text{Li}</math> in <math>^{11}\text{B}</math>. Physical Review C, 2012, 86, .</p>	2.9	14
165	<p>Isospin Symmetry at High Spin Studied via Nucleon Knockout from Isomeric States. Physical Review Letters, 2016, 117, 082502</p> <p>One-neutron pickup into <math>^{49}\text{Ca}</math>: Bound neutron strength at <math>^{49}\text{Ca}</math></p>	7.8	14
166	<p>Bound neutron strength at <math>^{49}\text{Ca}</math>: Bound neutron strength at <math>^{49}\text{Ca}</math></p> <p>Physical Review C, 2012, 86, .</p>	2.9	14
167	<p>Extraction of the <math>^{23}\text{Al}</math> shell</p> <p>Physical Review C, 2012, 86, .</p>	2.9	14

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181	Investigation of dipole excitations in $^{142}\text{Ce}$ using resonant photon scattering. <i>Physical Review C</i> , 2004, 69, .	2.9	12
182	Structure of excited states in $^{21}\text{Mg}$ studied in one-neutron knockout. <i>Physical Review C</i> , 2008, 77, .	2.9	12
183	Determining the $^7\text{Li}(n, \hat{1}^3)$ cross section via Coulomb dissociation of $^8\text{Li}$ . <i>Physical Review C</i> , 2013, 88, .	2.9	12
184	Neutron single-particle strength in silicon isotopes: Constraining the driving forces of shell evolution. <i>Physical Review C</i> , 2015, 91, .	2.9	12
185	Single-particle and collective excitations in $^{62}\text{Ni}$ . <i>Physical Review C</i> , 2016, 94, .	2.9	12
186	Mirrored one-nucleon knockout reactions to the $^{22}\text{T}$ nuclei. <i>Physical Review C</i> , 2016, 93, .	2.9	12
187	Single-particle structure at $N=29$ : The structure of $^{47}\text{Ar}$ and first spectroscopy of $^{45}\text{S}$ . <i>Physical Review C</i> , 2016, 93, .	2.9	12
188	Toward a measurement of weak magnetism in $^6\text{He}$ decay. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	12
189	Unexpected distribution of $\hat{1}^2_{1/2}$ strength in $^{49}\text{Ca}$ . <i>Physical Review C</i> , 2017, 95, .	2.9	12
190	Experimental constraint on stellar electron-capture rates from the $^{88}\text{Sr}(t, \text{He}^3 + \hat{1}^3)\text{Rb}^{88}$ reaction at 115 MeV/u. <i>Physical Review C</i> , 2019, 100, .	2.9	12
191	Spectroscopic factors in exotic nuclei from nucleon-knockout reactions. <i>European Physical Journal A</i> , 2005, 25, 251-253.	2.5	11
192	Spectroscopy of the odd-odd fp-shell nucleus $^{52}\text{Sc}$ from secondary fragmentation. <i>Physical Review C</i> , 2006, 73, .	2.9	11
193	Population of bound excited states in intermediate-energy fragmentation reactions. <i>Physical Review C</i> , 2006, 73, .	2.9	11
194	Production cross sections for heavy-ion fragmentation reactions on a liquid deuterium target at intermediate energies. <i>Physical Review C</i> , 2006, 74, .	2.9	11
195	Inverse-kinematics one-neutron pickup with fast rare-isotope beams. <i>Physical Review C</i> , 2011, 83, .	2.9	11
196	Probing elastic and inelastic breakup contributions to intermediate-energy two-proton removal reactions. <i>Physical Review C</i> , 2012, 85, .	2.9	11
197	Competing particle-hole excitations in $^{30}\text{Na}$ : Constraining state-of-the-art effective interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 748, 173-177.	4.1	11
198	Observation of the isovector Giant Monopole Resonance via the $^{28}\text{Si}$ .		

#	ARTICLE	IF	CITATIONS
199	Single-particle shell strengths near the doubly magic nucleus $^{56}\text{Ni}$ and the $^{56}\text{Ni}(p, \hat{1}^3)^{57}\text{Cu}$ reaction rate in explosive astrophysical burning. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134803.	4.1	11
200	One-proton and one-neutron knockout reactions from $^{56}\text{Ni}$ to the $^{55}\text{Ni}$ and $^{55}\text{Co}$ nuclei. <i>Physical Review C</i> , 2019, 100, 054605.	2.9	11
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