

# Alexandra Gade

## List of Publications by Year in descending order

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Version: 2024-02-01

310  
papers

8,155  
citations

44069

48  
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85541

71  
g-index

314  
all docs

314  
docs citations

314  
times ranked

2045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of shape and collectivity along the Ge isotopic chain: The case of $^{80}\text{Ge}$ . Physical Review C, 2022, 105, .	2.9	2
2	A Decade of GRETINA Science. Nuclear Physics News, 2022, 32, 20-23.	0.4	0
3	Evolution of shape and collectivity along the Ge isotopic chain: The case of $^{80}\text{Ge}$ . Physical Review C, 2022, 105, .	2.9	2
4	In-beam $\hat{I}^3$ -ray spectroscopy of $^{32}\text{Mg}$ via direct reactions. Physical Review C, 2022, 105, .	2.9	2
5	Mirror nucleon removal reactions in $p$ -shell nuclei. Physical Review C, 2022, 105, .	2.9	1
6	Single-particle and dipole excitations in $^{62}\text{Co}$ . Physical Review C, 2022, 105, .	2.9	5
7	$S$ and $Cl$ in $^{28}\text{S}$ and $^{28}\text{Cl}$ . Physical Review C, 2022, 105, .	2.9	2
8	Single-particle and collective excitations in $^{66}\text{Zn}$ . Physical Review C, 2022, 105, .	2.9	1
9	Exploiting Isospin Symmetry to Study the Role of Isomers in Stellar Environments. Physical Review Letters, 2021, 126, 042701.	7.8	4
10	New $^{59}\text{Fe}$ Stellar Decay Rate with Implications for the $^{60}\text{Fe}$ Radioactivity in Massive Stars. Physical Review Letters, 2021, 126, 152701.	7.8	4
11	Cross-shell excitations in $^{46}\text{Ca}$ studied with fusion reactions induced by a reaccelerated rare isotope beam. Physical Review C, 2021, 103, .	2.9	3
12	Quenching of single-particle strength from direct reactions with stable and rare-isotope beams. Progress in Particle and Nuclear Physics, 2021, 118, 103847.	14.4	64
13	Updated systematics of intermediate-energy single-nucleon removal cross sections. Physical Review C, 2021, 103, .	2.9	37
14	Exploring the role of high- $j$ configurations in collective observables through the Coulomb excitation of $^{100}\text{Cd}$ . Physical Review C, 2021, 103, .	2.9	10
15	Quadrupole collectivity in the Ge neutron-rich nuclei. Physical Review C, 2021, 103, .	2.9	10
16	In-beam $\hat{I}^3$ -ray spectroscopy of $^{40}\text{Ca}$ . Physical Review C, 2021, 103, .	2.9	1
17	UCGretina giant4 simulation of the GRETINA Gamma-Ray Energy Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1003, 165305.	1.6	10
18	In-beam $\hat{I}^3$ -ray spectroscopy of $^{68}\text{Fe}$ from charge exchange on $^{68}\text{Co}$ projectiles. Physical Review C, 2021, 104, .	2.9	2

#	ARTICLE	IF	CITATIONS
19	Lifetime measurements probing collectivity in the ground-state band of $^{32}\text{Mg}$ . Physical Review C, 2021, 104, .		3
20	Coexisting normal and intruder configurations in $^{32}\text{Mg}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136682.	4.1	6
21	$^{-1}\text{Cr}$ -ray spectroscopy of $^{62}\text{Cr}$ . Physical Review Letters, 2020, 125, 102502.	2.9	11
22	Spectroscopy of the $T\alpha^{-2}$ mirror nuclei $^{48}\text{Fe}/^{48}\text{Ti}$ using mirrored knockout reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136757.	4.1	7
23	Reaching into the $N = 40$ Island of Inversion with Nucleon Removal Reactions. Physics, 2021, 3, 1226-1236.	1.4	3
24	Shape Coexistence at Zero Spin in $^{64}\text{Ni}$ . Physical Review Letters, 2020, 125, 102502.	7.8	24
25	In-beam $^{-3}\text{ray}$ spectroscopy at the proton dripline: $^{40}\text{Sc}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135637.	4.1	5
26	Shape Changes in the $N=28$ Island of Inversion: Collective Structures Built on Configuration-Coexisting States in $^{79}\text{Zr}$ . Physical Review Letters, 2020, 125, 102502.	7.8	14
27	Spectroscopy of proton-rich $^{79}\text{Zr}$ : Mirror energy differences in the highly-deformed fp shell. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135873.	4.1	7
28	Shell structure of $^{43}\text{S}$ and collapse of the $N=28$ shell closure. Physical Review C, 2020, 102, .	2.9	10
29	Structure of $^{33}\text{Si}$ and the magicity of the $N=20$ gap at $^{70}\text{Zn}$ . Physical Review Letters, 2020, 125, 102502.	2.9	6
30	Electromagnetic properties of $^{210}\text{O}$ for benchmarking nuclear Hamiltonians. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135678.	4.1	8
31	Structure of $^{30}\text{Mg}$ explored via in-beam $^{-3}\text{ray}$ spectroscopy. Physical Review C, 2020, 102, .	2.9	4
32	Nuclear mass measurements map the structure of atomic nuclei and accreting neutron stars. Physical Review C, 2020, 101, .	2.9	25
33	Evolution of shell structure in exotic nuclei. Reviews of Modern Physics, 2020, 92, .	45.6	218
34	Gamow-Teller transitions to $^{93}\text{Zr}$ via the $^{-3}\text{ray}$ spectroscopy of $^{93}\text{Nb}$ . Physical Review Letters, 2020, 125, 102502.		

#	ARTICLE	IF	CITATIONS
37	High-energy-electron scattering probes the strong nuclear interaction at close range. Nature, 2020, 578, 524-525.	27.8	0
38	Spectroscopy and lifetime measurements near the proton drip line: $P$ Physical Review C, 2019, 99, 024307.	2.9	6
39	Intruder dominance in the $^{100}\text{Sn}$ region Physical Review C, 2019, 99, 024308.	2.9	13
40	state of $^{100}\text{Sn}$ Physical Review C, 2019, 99, 024309.	2.9	13
41	$^{86}\text{Kr}$ via the $^{86}\text{Kr}$ Physical Review C, 2019, 99, 024310.		

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55	Enhanced collectivity in $^{12}\text{Be}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 227-232.	4.1	9
56	News on the Nuclear Structure of Neutron-rich Nuclei at and beyond $N = 28$ . , 2018, , .		0
57	Lifetime measurement of the $21^+$ state in $^{74}\text{Rb}$ and isospin properties of quadrupole transition strengths at $N \approx Z$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 198-203.	4.1	7
58	Enhanced Electric Dipole Strength for the Weakly Bound States in $^{27}\text{Ne}$ . $\langle \sigma \rangle = \langle \sigma_{\text{el}} \rangle + \langle \sigma_{\text{had}} \rangle$ Physical Review Letters, 2018, 121, 262501.	7.8	6
59	Neutron knockout from $^{68,70}\text{Ni}$ ground and isomeric states.. Journal of Physics: Conference Series, 2018, 966, 012048.	0.4	0
60	Lifetime Measurements and Triple Coexisting Band Structure in $^{54}\text{Zr}$ . Physical Review Letters, 2018, 121, 012501.	7.8	8
61	Discovery of $^{60}\text{Ca}$ and Implications For the Stability of $^{60}\text{Ca}$ . $\langle \sigma \rangle = \langle \sigma_{\text{el}} \rangle + \langle \sigma_{\text{had}} \rangle$ Physical Review Letters, 2018, 121, 082502.	7.8	73
62	One- and two-neutron removal cross sections of $^{24}\text{O}$ . Physical Review C, 2018, 98, .	2.9	5
63	Localizing the Shape Transition in Neutron-Deficient Selenium. Physical Review Letters, 2018, 121, 082502.	7.8	13
64	Measurement of the $^{20}\text{F}$ half-life. Physical Review C, 2018, 97, .	2.9	5
65	The performance of the $\text{I}^3$ -ray tracking array GRETINA for $\text{I}^3$ -ray spectroscopy with fast beams of rare isotopes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 847, 187-198.	1.6	62
66	White paper on nuclear astrophysics and low-energy nuclear physics, Part 2: Low-energy nuclear physics. Progress in Particle and Nuclear Physics, 2017, 94, 68-124.	14.4	20
67	Facility for Rare Isotope Beams Update for <i>Nuclear Physics News</i> . Nuclear Physics News, 2017, 27, 28-33.	0.4	24
68	Measurement of key resonance states for the $^{30}\text{P}$ . $\langle \sigma \rangle = \langle \sigma_{\text{el}} \rangle + \langle \sigma_{\text{had}} \rangle$		

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73	Strongly coupled rotational band in $^{33}\text{Mg}$ . Physical Review C, 2017, 96, .	1.9	2
74	Quadrupole collectivity beyond $N=20$ in neutron-rich Se and Kr isotopes. Physical Review C, 2017, 96, .	2.0	150
75	Recent Accomplishments in Nuclear Structure Research with Rare Isotopes and Future Challenges. , 2017, , .		0
76	A proton density bubble in the doubly magic $^{34}\text{Si}$ nucleus. Nature Physics, 2017, 13, 152-156.	16.7	76
77	Spectroscopy of $^{54}\text{Ti}$ and the systematic behavior of low-energy octupole states in Ca and Ti isotopes. Physical Review C, 2017, 96, .	2.9	3
78	Nucleon correlations and the structure of $^{41}\text{Zn}$ . Physical Review C, 2017, 96, .	4.1	1
79	Constraining the rp-process by measuring $^{23}\text{Al}(d,n)^{24}\text{Si}$ with GREINA and LENDA at NSCL. EPJ Web of Conferences, 2017, 165, 01055.	0.3	2
80	Neutron single-particle strengths at $N=40$ , $^{42}\text{Ni}$ : Neutron knockout from $^{42}\text{Ni}$ . Physical Review C, 2017, 96, .	2.9	8
81	spectroscopy of $^{38}\text{S}$ . Physical Review C, 2017, 96, .	2.9	13
82	NSCL and FRIB at Michigan State University: Nuclear science at the limits of stability. Physica Scripta, 2016, 91, 053003.	2.5	92
83	GREINA and Its Early Science. Annual Review of Nuclear and Particle Science, 2016, 66, 321-339.	10.2	22
84	Lifetime measurement of the $^{58}\text{Ni}$ with the recoil distance method. Physical Review C, 2016, 94, .	2.9	8
85	Single-particle and collective excitations in $^{62}\text{Ni}$ . Physical Review C, 2016, 94, .	2.9	12
86	Isospin Symmetry at High Spin Studied via Nucleon Knockout from Isomeric States. Physical Review Letters, 2016, 117, 082502.	7.8	14
87	In-beam $\beta$ -ray spectroscopy of $^{63}\text{Mn}$ . Physical Review C, 2016, 93, .	2.9	4
88	Structure of $^{107}\text{Sn}$ studied through single-neutron knockout reactions. Physical Review C, 2016, 93, .	2.9	9
89	Mirrored one-nucleon knockout reactions to the $^{22}\text{Ne}$ nuclei. Physical Review C, 2016, 93, .	2.9	12
90	Rotational band structure in $^{32}\text{Mg}$ . Physical Review C, 2016, 93, .	1.9	22

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91	Spectroscopy of $P^{35}$ using the one-proton knockout reaction. <i>Physical Review C</i> , 2016, 93, .	2.9	16
92	Time-of-flight mass measurements of neutron-rich chromium isotopes up to $N=40$ and implications for the accreted neutron star crust. <i>Physical Review C</i> , 2016, 93, .	2.9	6
93	Octupole strength in the neutron-rich calcium isotopes. <i>Physical Review C</i> , 2016, 93, .	2.9	12
94	Single-particle structure at $N=29$ : The structure of $Ar^{47}$ and first spectroscopy of $S^{45}$ . <i>Physical Review C</i> , 2016, 93, .	2.9	15
95	Direct Lifetime Measurements of the Excited States in $Ni^{72}$ . <i>Physical Review Letters</i> , 2016, 116, 122502.	7.8	15
96	One-neutron pickup into $Ca^{49}$ : Bound neutron strength at $N=29$ . <i>Physical Review Letters</i> , 2016, 116, 122502.	2.9	17
97	Angle-integrated measurements of the $^{26}Al(d,n)^{27}Si$ reaction cross section: a probe of spectroscopic factors and astrophysical resonance strengths. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	12
98	Toward a measurement of weak magnetism in $^6He$ decay. <i>Hyperfine Interactions</i> , 2016, 237, 1.	0.5	36
99	Nuclear structure of $^{96,98}Mo$ : Shape coexistence and mixed-symmetry states. <i>Nuclear Physics A</i> , 2016, 947, 203-233.	1.5	36
100	Shape coexistence in neutron-rich nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 024001.	3.6	11
101	Competing particle-hole excitations in $^{30}Na$ : 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	13
102	Gamow-Teller transitions to $Ca^{45}$ via the $^{68}Zn(p,n)^{68}Ga$ reaction. <i>Physical Review C</i> , 2015, 92, .	2.9	6
103	Implications of the low-lying structure of $^{62}Ga$ for the $^{62}Zn(p,n)^{62}Ga$ reaction. <i>Physical Review C</i> , 2015, 92, .	2.9	17
104	Reduced transition strengths of low-lying yrast states in chromium isotopes in the vicinity of $N=40$ . <i>Physical Review C</i> , 2015, 92, .	2.9	8
105	Spectroscopy of $Na^{28}$ : Shell evolution toward the drip line. <i>Physical Review C</i> , 2015, 92, .	2.9	10
106	Lifetime measurements of $C^{17}$ excited states and three-body and continuum effects. <i>Physical Review C</i> , 2015, 92, .	2.9	27
107	Mass Measurement of $Sc^{56}$ Reveals a Small $A < 56$ Odd-Even Mass Defect. <i>Physical Review Letters</i> , 2015, 115, 122502.	7.8	0
108	Direct reaction experimental studies with beams of radioactive tin ions. <i>AIP Conference Proceedings</i> , 2015, .	0.4	

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109	Shape coexistence in $^{67}\text{Co}$ , $^{66,68,70,72}\text{Ni}$ , and $^{71}\text{Cu}$ . AIP Conference Proceedings, 2015, , .	0.4	3
110	Nuclear structure studies far east and out west on the nuclear chart. Journal of Physics: Conference Series, 2015, 580, 012008.	0.4	0
111	Mass Measurements Demonstrate a Strong $N=28$ Shell Gap in Argon. Physical Review Letters, 2015, 114, 022501.	7.8	34
112	Recent Direct Reaction Experimental Studies with Radioactive Tin Beams. Acta Physica Polonica B, 2015, 46, 537.	0.8	3
113	Neutron single-particle strength in silicon isotopes: Constraining the driving forces of shell evolution. Physical Review C, 2015, 91, .	2.9	12
114	Role of the $A^{1/2}$ in the development of collectivity in the $A^{1/2}$ case of $A=60$ . Physical Review C, 2015, 91, .	2.9	10
115	Spectroscopy and lifetime measurements in $^{66}\text{Ge}$ , $^{69}\text{Se}$ , and $^{65}\text{Ga}$ using fragmentation reactions. Physical Review C, 2015, 91, .	2.9	3
116	Identification of deformed intruder states in semi-magic $Ni$ . Physical Review C, 2015, 91, .	2.9	40
117	Magnetic response of the halo nucleus $^{19}\text{C}$ studied via lifetime measurement. Physical Review C, 2015, 91, .	2.9	9
118	Excitation energies in neutron-rich rare isotopes as indicators of changing shell structure. European Physical Journal A, 2015, 51, 1.	2.5	16
119	Sometimes $\hat{I}^3$ -rays come in twos. Nature, 2015, 526, 330-331.	27.8	1
120	Measurement of astrophysically important excitation energies of $^{58}\text{Zn}$ with GREINA. EPJ Web of Conferences, 2014, 66, 07013.	0.3	0
121	Evolution of collectivity in the $^{78}\text{Ni}$ region: Coulomb excitation of $^{74}\text{Ni}$ at intermediate energies.. EPJ Web of Conferences, 2014, 66, 02066.	0.3	2
122	Elastic breakup cross sections of well-bound nucleons. Physical Review C, 2014, 90, .	2.9	9
123	Lifetime measurements of the $^{89}\text{Zr}$ in $^{89}\text{Zr}$ . Physical Review C, 2014, 90, .	2.9	5
124	Inverse-kinematics proton scattering on $^{50}\text{Ca}$ : Determining effective charges using neutrony probes. Physical Review C, 2014, 90, .	2.9	17
125	Systematics of intermediate-energy single-nucleon removal cross sections. Physical Review C, 2014, 90, .	2.9	35
126	Systematics of intermediate-energy single-nucleon removal cross sections. Physical Review C, 2014, 90, .	2.9	116



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127	Single-particle structure of silicon isotopes approaching Si42. Physical Review C, 2014, 90, .	2.9	49
128	Quadrupole Transition Strength in the Ni74 Nucleus and Core Polarization Effects in the Neutron-Rich Ni Isotopes. Physical Review Letters, 2014, 113, 182501.	7.8	15
129	Evolution of Collectivity in $^{72}\text{Kr}$ and $^{74}\text{Kr}$ . Physical Review Letters, 2014, 113, 182501.	7.8	61
130	Determining the $^{72}\text{Kr}$ and $^{74}\text{Kr}$ Process Flow through $^{72}\text{Ni}$ and $^{74}\text{Ni}$ . Physical Review Letters, 2014, 113, 182501.	7.8	32
131	Transition Strengths from $^{56}\text{Ti}$ and $^{58}\text{Ti}$ to $^{56}\text{Ca}$ and $^{58}\text{Ca}$ . Physical Review Letters, 2014, 113, 182501.	7.8	25
132	Collectivity in $A \approx 70$ nuclei studied via lifetime measurements in $^{70}\text{Br}$ and $^{70}\text{Se}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 52-57.	4.1	29
133	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
134	Configuration mixing and relative transition rates between low-spin states in $^{68}\text{Ni}$ . Physical Review C, 2013, 88, .	2.9	60
135	Determining the $^{7}\text{Li}(n, \hat{p})^3\text{He}$ cross section via Coulomb dissociation of $^8\text{Li}$ . Physical Review C, 2013, 88, .	2.9	12
136	Heavy calcium nuclei weigh in. Nature, 2013, 498, 307-308.	27.8	0
137	Nuclear spectroscopy with fast exotic beams. Physica Scripta, 2013, T152, 014004.	2.5	5
138	Excitation Energies in Rare Isotopes as Indicators of Shell Evolution. Nuclear Physics News, 2013, 23, 10-16.	0.4	7
139	Mirror Energy Differences at Large Isospin Studied through Direct Two-Nucleon Knockout. Physical Review Letters, 2013, 111, 072501.	7.8	24
140	First observation of the $^{13}\text{Li}$ ground state. Physical Review C, 2013, 87, .	2.9	33
141	Single-particle and collective excitations in $^{63}\text{Ni}$ . Physical Review C, 2013, 88, .	2.9	16
142	Collectivity of light Ge and As isotopes. Physical Review C, 2013, 88, .	2.9	15
143	Quadrupole Collectivity in Neutron-Rich Fe and Cr Isotopes. Physical Review Letters, 2013, 110, 242701.	7.8	77
144	Quadrupole collectivity in neutron-deficient Sn nuclei: $^{104}\text{Sn}$ and the role of proton excitations. Physical Review C, 2013, 88, .	2.9	59

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145	Nuclear spectroscopy with fast exotic beams: News on $N = 28$ from recent NSCL measurements. Journal of Physics: Conference Series, 2013, 445, 012006.	0.4	0
146	Production cross sections of neutron rich isotopes from a $^{82}\text{Se}$ beam. Journal of Physics: Conference Series, 2013, 420, 012070.	0.4	0
147	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
148	Probing core polarization around $^{78}\text{Ni}$ : intermediate energy Coulomb excitation of $^{74}\text{Ni}$ . EPJ Web of Conferences, 2013, 63, 01021.	0.3	1
149	PRODUCTION OF NEUTRON-RICH ISOTOPES IN THE CALCIUM REGION. , 2013, , .		0
150	Proton and neutron knockout from $^{36}\text{Ca}$ . Physical Review C, 2012, 85, .	2.9	13
151	Intermediate-energy inverse-kinematics one-proton pickup reactions on neutron-deficient $^{-}\text{shell}$ nuclei. Physical Review C, 2012, 85, .	2.9	5
152	$^{\text{ray}}$ spectroscopy of one-proton knockout from $^{45}\text{Cl}$ . Physical Review C, 2012, 86, .	2.9	7
153	Spectroscopy of neutron-unbound $^{27}\text{F}$ . Physical Review C, 2012, 85, .	2.9	26
154	Correlations in Intermediate Energy Two-Proton Removal Reactions. Physical Review Letters, 2012, 109, 202505.	7.8	5
155	Excited-state transition-rate measurements in $^{18}\text{C}$ . Physical Review C, 2012, 86, .	2.9	27
156	$^{26}\text{Si}$ excited states via one-neutron removal from a $^{27}\text{Si}$ radioactive ion beam. Physical Review C, 2012, 85, .	2.9	7
157	Probing elastic and inelastic breakup contributions to intermediate-energy two-proton removal reactions. Physical Review C, 2012, 85, .	2.9	11
158	Intermediate-energy Coulomb excitation of $^{58,60,62}\text{Cr}$ : The onset of collectivity toward $N=40$ . Physical Review C, 2012, 86, .	2.9	51
159	Systematic study of p-shell nuclei via single-nucleon knockout reactions. Physical Review C, 2012, 86, .	2.9	21
160	Exploring the Low-Z Shore of the Island of Inversion at $N=19$ . Physical Review Letters, 2012, 108, 032501.	7.8	28
161	In-beam $^{\text{ray}}$ spectroscopy of $^{43}\text{C}$ . Physical Review C, 2012, 86, .	2.9	18
162	Electron capture in core-collapse supernovae investigated through configuration mixing in neutron-rich nuclei. Journal of Physics: Conference Series, 2012, 381, 012119.	0.4	0

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163	Double isobaric analog of $^{11}\text{Li}$ in $^{11}\text{B}$ . <i>Physical Review C</i> , 2012, 86, .	2.9	14
164	Probing Configuration Mixing in $^{12}\text{Be}$ with Gamow-Teller Transition Strengths. <i>Physical Review Letters</i> , 2012, 108, 122501. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	7.8	47
165	$^{76}\text{Sr}$ 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.	2.9	39
166	Structure of $^{16}\text{C}$ : Testing shell model and <i>ab initio</i> approaches. <i>Physical Review C</i> , 2012, 86, .	1.6	24
167	$^{100}\text{Sn}$ region. <i>Physical Review C</i> , 2012, 86, .	2.9	32
168	Quadrupole Collectivity beyond $N=28$ : Intermediate-Energy Coulomb Excitation of $^{47,48}\text{Ar}$ . <i>Physical Review Letters</i> , 2012, 108, 182501.	2.9	40
169	In-beam $\hat{\nu}$ -ray spectroscopy towards the nucleon driplines. <i>Journal of Physics: Conference Series</i> , 2011, 312, 092003.	7.8	29
170	Collectivity of Exotic Heavy Fe Isotopes. <i>Journal of Physics: Conference Series</i> , 2011, 312, 092025.	0.4	0
171	Half-lives of ground and isomeric states in $^{97}\text{Cd}$ and the astrophysical origin of $^{96}\text{Ru}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 699, 141-144.	0.4	1
172	First spectroscopy of $^{66}\text{Se}$ and $^{65}\text{As}$ : Investigating shape coexistence beyond the $N < Z$ line. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 701, 417-421.	4.1	15
173	Time-of-Flight Mass Measurements for Nuclear Processes in Neutron Star Crusts. <i>Physical Review Letters</i> , 2011, 107, 172503.	4.1	18
174	Lifetime Measurement of the $21^+$ State in $^{20}\text{C}$ . <i>Physical Review Letters</i> , 2011, 107, 102501.	7.8	45
175	Knockout Reactions from $^{1/4}\text{s}$ isomeric states in $^{96}\text{Ag}$ . <i>Physical Review Letters</i> , 2011, 106, 162502. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	7.8	32
176	$^{96}\text{Ag}$ isomeric states in $^{96}\text{Ag}$ . <i>Physical Review Letters</i> , 2011, 106, 162502. <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a>	7.8	31
177	Quenching of Spectroscopic Factors for Proton Removal in Oxygen Isotopes. <i>Physical Review Letters</i> , 2011, 107, 032501.	2.9	8
178	Inverse-kinematics one-neutron pickup with fast rare-isotope beams. <i>Physical Review C</i> , 2011, 83, .	7.8	62
179	Enhanced Quadrupole Collectivity at $N < 40$ : The Case of Neutron-Rich Fe Isotopes. <i>Physical Review Letters</i> , 2011, 106, 022502.	2.9	11
180		7.8	102

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181	$P$ ray spectroscopy of $Mg$	2.9	21
182	Triple configuration coexistence in $S$	2.9	64

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199	Knockout Reactions. Nuclear Physics News, 2010, 20, 11-16.	0.4	4
200	ISOBARIC ANALOGUE STATES STUDIED IN MIRRORED FRAGMENTATION AND KNOCKOUT REACTIONS. Modern Physics Letters A, 2010, 25, 1891-1894.	1.2	5
201	The NSCL laboratory and the FRIB facility. Scholarpedia Journal, 2010, 5, 9651.	0.3	10
202	Rotational and neutron-hole states in $S_{43}$ via the neutron knockout and fragmentation reactions. Physical Review C, 2009, 80, .	2.9	15
203	Shape evolution in self-conjugate nuclei, and the transitional nucleus $Se_{168}$ . Physical Review Letters, 2009, 102, 132502.	2.9	42
204	Gamma-ray transitions in $Cu_{64}$ measured with the $Zn_{64}$ detector. Physical Review Letters, 2009, 102, 132502.	2.9	26
205	Two-Nucleon Knockout Spectroscopy at the Limits of Nuclear Stability. Physical Review Letters, 2009, 102, 132502.	7.8	43
206	Longitudinal momentum distributions of the reaction residues following fast two-nucleon knockout reactions. Physical Review C, 2009, 79, .	2.9	34
207	Evidence for a Change in the Nuclear Mass Surface with the Discovery of the Most Neutron-Rich Nuclei with $Z \geq 25$ . Physical Review Letters, 2009, 102, 142501.	7.8	87
208	Production of very neutron-rich nuclei with a $Ge_{76}$ beam. Physical Review C, 2009, 80, .	2.9	40
209	$Cl_{45}$ and the collapse of the $N_{28}$ shell. Physical Review Letters, 2009, 102, 182502.	2.9	14
210	In-Beam $\gamma$ -Ray Spectroscopy of Very Neutron-Rich Nuclei: Excited States in $S_{46}$ and $Ar_{48}$ . Physical Review Letters, 2009, 102, 182502.	7.8	33
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