

Bradley M Sherrill, Bm Sherrill, B Sherrill

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The GSI projectile fragment separator (FRS): a versatile magnetic system for relativistic heavy ions. Nuclear Instruments & Methods in Physics Research B, 1992, 70, 286-297.	1.4	800
2	Commissioning the A1900 projectile fragment separator. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 90-96.	1.4	512
3	The S800 spectrograph. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 629-633.	1.4	317
4	Direct Evidence for the Breakdown of the N=8 Shell Closure in ^{12}Be . Physical Review Letters, 2000, 85, 266-269.	7.8	259
5	The Super-FRS project at GSI. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 71-85.	1.4	257
6	One-Neutron Knockout from Individual Single-Particle States of ^{11}Be . Physical Review Letters, 2000, 84, 35-38.	7.8	204
7	Coulomb dissociation of ^{11}Li . Physical Review Letters, 1993, 70, 730-733.	7.8	195
8	Electromagnetic excitation of ^{11}Li . Physical Review C, 1993, 48, 118-135.	2.9	184
9	Single-neutron knockout reactions: Application to the spectroscopy of ^{16}O , ^{17}O , ^{19}C . Physical Review C, 2001, 63, .	2.9	166
10	Identification of 45 New Neutron-Rich Isotopes Produced by In-Flight Fission of a ^{238}U Beam at 345 MeV/nucleon. Journal of the Physical Society of Japan, 2010, 79, 073201.	1.6	160
11	Discovery of ^{40}Mg and ^{42}Al suggests neutron drip-line slant towards heavier isotopes. Nature, 2007, 449, 1022-1024.	27.8	157
12	Observation of new microsecond isomers among fission products from in-flight fission of 345 MeV/nucleon ^{238}U . Physical Review C, 2012, 86, .	2.9	149
13	Focal plane detector for the S800 high-resolution spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 422, 291-295.	1.6	143
14	Observation of a proton halo in ^8B . Zeitschrift für Physik A, 1995, 350, 283-284.	0.9	142
15	Momentum distributions of ^9Li fragments following the breakup of ^{11}Li . Physical Review Letters, 1992, 69, 2050-2053.	7.8	139
16	The A1200 projectile fragment separator. Nuclear Instruments & Methods in Physics Research B, 1991, 56-57, 1106-1110.	1.4	136
17	Two-Proton Emission from the Ground State of ^{12}O . Physical Review Letters, 1995, 74, 860-863.	7.8	135
18	One-Neutron Halo of ^{19}C . Physical Review Letters, 1995, 74, 3569-3572.	7.8	133

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19	Probing the halo structure of $^{19,17,15}\text{C}$ and ^{14}B . <i>Physical Review C</i> , 1998, 57, 2156-2164.	2.9	133
20	Spectroscopy of Radioactive Beams from Single-Nucleon Knockout Reactions: Application to the Shell Nuclei ^{25}Mg and $^{26,27,28}\text{Mg}$. <i>Physical Review Letters</i> , 1998, 81, 5089-5092.	7.8	132
21	Nuclei at the Limits of Particle Stability. <i>Annual Review of Nuclear and Particle Science</i> , 1993, 43, 529-583.	10.2	126
22	Study of the Unstable Nucleus ^{10}Li in Stripping Reactions of the Radioactive Projectiles ^{11}Li and ^{11}B . <i>Physical Review Letters</i> , 1995, 75, 1719-1722.	7.8	115
23	Identification of New Isotopes ^{125}Pd and ^{126}Pd Produced by In-Flight Fission of 345 MeV/nucleon ^{238}U : First Results from the RIKEN RI Beam Factory. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 083201.	1.6	104
24	Discovery of the elements with atomic numbers $Z=113$, 115 and 117 (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2016, 88, 139-153.	1.9	99
25	Reduced Occupancy of the Deeply Bound $^{5/2}$ Neutron State in ^{32}Ar . <i>Physical Review Letters</i> , 2004, 93, 042501.	7.8	97
26	Identification of new nuclei near the proton-drip line for ^{31}Zn and ^{38}Zn . <i>Physical Review Letters</i> , 1991, 66, 1571-1574.	7.8	96
27	Evidence for a proton halo in ^8B : Enhanced total reaction cross sections at 20 to 60 MeV/nucleon. <i>Physical Review C</i> , 1995, 52, R1166-R1170.	2.9	95
28	Absolute spectroscopic factors from nuclear knockout reactions. <i>Physical Review C</i> , 2002, 65, .	2.9	94
29	^{81}Kr in the Great Artesian Basin, Australia: a new method for dating very old groundwater. <i>Earth and Planetary Science Letters</i> , 2000, 182, 103-113.	4.4	93
30	The $(t, \text{He}3)$ and $(\text{He}3, t)$ reactions as probes of Gamow-Teller strength. <i>Physical Review C</i> , 2006, 74, .	2.9	92
31	NSCL and FRIB at Michigan State University: Nuclear science at the limits of stability. <i>Physica Scripta</i> , 2016, 91, 053003.	2.5	92
32	Excited state production and temperature measurement in a heavy ion reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 148, 423-427.	4.1	91
33	Evidence for a Change in the Nuclear Mass Surface with the Discovery of the Most Neutron-Rich Nuclei with ^{17}Zn and ^{25}Zn . <i>Physical Review Letters</i> , 2009, 102, 142501.	7.8	87
34	Location of the Neutron Dripline at Fluorine and Neon. <i>Physical Review Letters</i> , 2019, 123, 212501.	7.8	87
35	Parallel Momentum Distributions as a Probe of Halo Wave Functions. <i>Physical Review Letters</i> , 1995, 74, 30-33.	7.8	85
36	Discovery of the element with atomic number $Z=118$ completing the 7 th row of the periodic table (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2016, 88, 155-160.	1.9	85

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37	New Direct Reaction: Two-Proton Knockout from Neutron-Rich Nuclei. Physical Review Letters, 2003, 91, 012501.	7.8	84
38	Ions penetrating through ion-optical systems and matter "non-liouvilian phase-space modelling. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 282, 247-260.	1.6	83
39	Low-lying structure of ^{10}Li in the reaction $^{11}\text{Li}(7\text{Li},8\text{B})^{10}\text{Li}$. Physical Review C, 1994, 49, 279-283.	2.9	82
40	Electromagnetic dissociation of ^8B and the rate of the $^7\text{Be}(p,\hat{1}^3)^8\text{B}$ reaction in the Sun. Physical Review C, 2001, 63, .	2.9	82
41	Single-neutron knockout from intermediate energy beams of ^{24}Mg . Mapping the transition into the "island of inversion". Physical Review C, 2008, 77, .	2.9	82
42	Reconstructive correction of aberrations in nuclear particle spectrographs. Physical Review C, 1993, 47, 537-544.	2.9	79
43	Total reaction and 2n-removal cross sections of ^{20}Ne , ^{60}MeV ^4He , ^6Li , ^8Li , ^9Li , ^{11}Li , and ^{10}Be on Si. Physical Review C, 1996, 54, 1700-1709.	2.9	79
44	New search for ^{26}O . Physical Review C, 1996, 53, 647-651.	2.9	79
45	Quasielastic scattering of ^{11}Li and ^{11}C from ^{12}C at 60 MeV/nucleon. Physical Review Letters, 1992, 69, 2631-2634.	7.8	76
46	$S_{17}(0)$ determined from the Coulomb breakup of ^8B . Physical Review Letters, 2001, 86, 2750-2753.	7.8	75
47	Spectroscopy of ^{23}Al and ^{27}P using the $(^7\text{Li},^8\text{He})$ reaction and the implications for ^{22}Na and ^{26}Al nucleosynthesis in explosive hydrogen burning. Physical Review C, 2001, 64, .	2.9	74
48	Discovery of ^{44}Ca and Implications For the Stability of ^{60}Ca . The use of radioactive nuclear beams to study the equilibration of the degree of freedom in intermediate-energy heavy-ion reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 321, 15-19.	7.8	73
49	The use of radioactive nuclear beams to study the equilibration of the degree of freedom in intermediate-energy heavy-ion reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 321, 15-19.	4.1	72
50	Reactions and single-particle structure of nuclei near the drip lines. Nuclear Physics A, 2001, 693, 133-168.	1.5	72
51	Single-neutron removal reactions from ^{15}C and ^{11}Be : Deviations from the eikonal approximation. Physical Review C, 2002, 66, .	2.9	72
52	Single-neutron knockout from ^{34}Si , ^{35}Si and ^{37}S . Physical Review C, 2002, 65, .	2.9	70
53	Direct evidence for the onset of intruder configurations in neutron-rich Ne isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 640, 86-90.	4.1	68
54	Study of the Breakup Reaction $^8\text{B} + p$: Absorption Effects and E_2 Strength. Physical Review Letters, 1996, 77, 5020-5023.	7.8	65

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55	Neutron decay of ^{10}Li produced by fragmentation. <i>Physical Review C</i> , 1993, 47, R2439-R2442.	2.9	63
56	Knockout from ^{46}Ar : ^{-3}n neutron removal and deviations from eikonal theory. <i>Physical Review C</i> , 2005, 71, .	2.9	63
57	Spectroscopy of $^{13,14}\text{B}$ via the one-neutron knockout reaction. <i>Physical Review C</i> , 2000, 61, .	2.9	61
58	Fragmentation of ^{78}Kr projectiles. <i>Physical Review C</i> , 1996, 53, 1753-1758.	2.9	60
59	Design of the Advanced Rare Isotope Separator ARIS at FRIB. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 317, 349-353.	1.4	58
60	Nuclear theory and science of the facility for rare isotope beams. <i>Modern Physics Letters A</i> , 2014, 29, 1430010.	1.2	57
61	Absolute spectroscopic factors from neutron knockout on the halo nucleus ^{15}C . <i>Physical Review C</i> , 2004, 69, .	2.9	56
62	Detailed experimental study on intermediate-energy Coulomb excitation of ^{46}Ar . <i>Physical Review C</i> , 2003, 68, .	2.9	55
63	Initial operating experience with the A1200 fragment separator. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1992, 70, 298-303.	1.4	54
64	INTENSITY: a computer program for the estimation of secondary beam intensities from a projectile fragment separator. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1992, 70, 380-392.	1.4	54
65	One-neutron knockout reactions on proton-rich nuclei with $N=16$. <i>Physical Review C</i> , 2004, 69, .	2.9	53
66	Low-temperature measurement of the giant dipole resonance width. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 555, 43-48.	4.1	51
67	Spectroscopic factors measured in inclusive proton-knockout reactions on ^8B and ^9C at intermediate energies. <i>Physical Review C</i> , 2003, 67, .	2.9	51
68	New isotope ^{44}Si and systematics of the production cross sections of the most neutron-rich nuclei. <i>Physical Review C</i> , 2007, 75, .	2.9	51
69	Gamow-Teller strengths from $(t, ^3\text{He})$ charge-exchange reactions on light nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 418, 27-33.	4.1	50
70	Physics of a Rare Isotope Accelerator. <i>Annual Review of Nuclear and Particle Science</i> , 2006, 56, 53-92.	10.2	50
71	Production cross sections from $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \langle \text{mml:mrow} / \rangle \langle \text{mml:mn} \rangle 82 \langle / \text{mml:mn} \rangle \langle / \text{mml:msup} \rangle \langle / \text{mml:math} \rangle \text{Se}$ fragmentation as indications of shell effects in neutron-rich isotopes close to the drip-line. <i>Physical Review C</i> , 2013, 87, .	2.9	50
72	Momentum distributions for $^{12,14}\text{Be}$ fragmentation. <i>Physical Review C</i> , 1993, 48, R1484-R1487.	2.9	49

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73	Mass of ^{11}Li from the $^{14}\text{B}(^{11}\text{Li},^{11}\text{O})^{14}\text{O}$ Reaction. <i>Physical Review Letters</i> , 1993, 71, 4124-4126.	7.8	49
74	Single neutron emission following ^{11}Li β^- -decay. <i>Nuclear Physics A</i> , 1997, 627, 222-238.	1.5	48
75	Half-Life of ^{44}Ti as a Probe for Supernova Models. <i>Physical Review Letters</i> , 1998, 80, 2554-2557.	7.8	48
76	CAPA – An integrated computer-assisted personalized assignment system. <i>American Journal of Physics</i> , 1993, 61, 1124-1130.	0.7	47
77	Measurement of ^{81}Kr in the atmosphere. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1997, 123, 122-127.	1.4	46
78	Measurement of the Gamow-Teller strength distribution in ^{58}Co via the $^{58}\text{Ni}(t,^3\text{He})$ reaction at 115 MeV/nucleon. <i>Physical Review C</i> , 2006, 74, .	2.9	46
79	Production cross section measurements of radioactive isotopes by BigRIPS separator at RIKEN RI Beam Factory. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 317, 756-768.	1.4	45
80	Half-life measurements of the rp-process nuclei ^{61}Ga , ^{63}Ge , and ^{65}As . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 299, 214-218.	4.1	44
81	Momentum distributions of ^{19}F fragments from the breakup of ^{11}Li and the neutron halo. <i>Physical Review C</i> , 1995, 51, 3116-3126.	2.9	44
82	New neutron-rich microsecond isomers observed among fission products of ^{238}U at 80 MeV/nucleon. <i>Physical Review C</i> , 2009, 79, .	2.9	44
83	From isotopes to the stars. <i>Nature</i> , 2011, 473, 25-26.	27.8	44
84	Production of very neutron-rich nuclei with a ^{76}Ge beam. <i>Physical Review C</i> , 2009, 80, .	2.9	40
85	Nuclear temperatures in the reaction of ^{14}N with ^{107}Ag at 35 MeV/nucleon. <i>Physical Review C</i> , 1985, 32, 877-886.	2.9	39
86	Lifetime measurements of neutron-rich light isotopes ^{14}Be and ^{17}C . <i>Physical Review Letters</i> , 1986, 56, 34-37.	7.8	39
87	Half-life measurements for ^{61}Ga , ^{63}Ge , and ^{65}As and their importance in the rp-process. <i>Physical Review C</i> , 1993, 48, 3097-3105.	2.9	38
88	Longitudinal and transverse momentum distributions of ^9Li fragments from break-up of ^{11}Li . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 347, 198-204.	4.1	38
89	An ion source with storage capability for bunched beam release and controlled chemical separation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1986, 247, 265-280.	1.6	37
90	Overview of the Rare Isotope Accelerator project. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 204, 765-770.	1.4	37

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91	Radioactive nuclear beam facilities based on projectile fragmentation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1998, 356, 1985-2006.	3.4	36
92	Direct mass measurements of proton-rich isotopes of Ge, As, Se, and Br. Physical Review C, 2002, 65, .	2.9	36
93	Structure of the ^{10}Li nucleus investigated via the $^9\text{Li}(d,p)^{10}\text{Li}$ reaction. Physical Review C, 2003, 67, .	2.9	36
94	Branching ratios of ^9C to low lying states in ^9B . Physical Review C, 1988, 37, 766-780.	2.9	35
95	Spectroscopy of the ^{10}Li nucleus. Physical Review C, 1999, 60, .	2.9	34
96	The first excited state in ^{23}Al and its influence on $^{22}\text{Mg}(p,^3\text{He})^{23}\text{Al}$. Nuclear Physics A, 1988, 484, 90-97.	1.5	33
97	Quasielastic scattering of ^{12}C on ^{12}C . Physical Review C, 1994, 49, 1540-1544.	2.9	33
98	Structure of the weakly-bound nucleus ^6He studied via the $^6\text{Li}(t, ^3\text{He})^6\text{He}$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 493, 209-215.	4.1	33
99	New Approach for Measuring Properties of rp-Process Nuclei. Physical Review Letters, 2004, 92, 172502.	7.8	33
100	New nuclei near the proton drip line around $Z=40$. Physical Review C, 1992, 46, 2620-2623.	2.9	32
101	Identification of new nuclei near the proton drip line. Physical Review C, 1994, 50, 2219-2221.	2.9	32
102	Long-lived noble gas radionuclides. Nuclear Instruments & Methods in Physics Research B, 1994, 92, 241-248.	1.4	32
103	The beta decay of ^{48}Mn : Gamow-Teller quenching in fp-shell nuclei. Nuclear Physics A, 1987, 467, 93-114.	1.5	31
104	Is there a bound dineutron in ^11Li . Physical Review C, 1996, 54, 1589-1591.	2.9	30
105	Charge-exchange reactions with a secondary triton beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 432, 299-304.	1.6	30
106	^2He -delayed proton decay of ^{20}Mg and its astrophysical implications. Physical Review C, 1992, 46, R833-R837.	2.9	29
107	A method for the uniform charged particle irradiation of large targets. Nuclear Instruments & Methods in Physics Research B, 1987, 26, 610-613.	1.4	28
108	Search for double Gamow-Teller strength by heavy-ion double charge exchange. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 362, 34-38.	4.1	28

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109	The masses of $^{70,71}\text{Se}$. Nuclear Physics A, 1998, 637, 3-14.	1.5	28
110	Thick-target inverse-kinematics proton scattering from ^{46}Ar and the $N=28$ shell below ^{48}Ca . Physical Review C, 2005, 72, .	2.9	28
111	Projectilelike fragment momentum distributions from $^{86}\text{Kr}+\text{Al}$ at 70 MeV/nucleon. Physical Review C, 1995, 51, 1348-1355.	2.9	27
112	\hat{I}^2 -decay branching ratios of the neutron-rich nucleus ^{15}B . Physical Review C, 1991, 44, 2365-2371.	2.9	26
113	Neutron Momentum Distributions from α -Core Break-Up Reactions of Halo Nuclei. Europhysics Letters, 1995, 30, 19-24.	2.0	26
114	\hat{O}° measurements of momentum distributions of projectile-like fragments. Physical Review C, 1992, 46, 1383-1392.	2.9	25
115	One-neutron knockout from ^{57}Ni . Physical Review C, 2006, 74, .	2.9	25
116	Search for the exotic nucleus ^{10}He . Physical Review C, 1988, 37, 2220-2223.	2.9	24
117	Study of the \hat{I}^2 -delayed neutron decay of ^{18}N . Physical Review C, 1994, 49, 46-50.	2.9	24
118	Revised result for the $^{32}\text{Cl}(p, \hat{I}^3)^{33}\text{Ar}$ reaction rate for astrophysical r -process calculations. Physical Review C, 2005, 72, .	2.9	24
119	Reaction cross section and matter radius measurements of proton-rich Ga, Ge, As, Se and Br nuclides. Nuclear Physics A, 2004, 735, 303-328.	1.5	23
120	^{11}Be continuum studied through proton scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 596, 54-60.	4.1	23
121	Development of a secondary triton beam from primary $^{16,18}\text{O}$ beams for $(t, ^3\text{He})$ experiments at intermediate energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 566, 264-269.	1.6	23
122	Use of multipole magnetic fields for making uniform irradiations. Nuclear Instruments & Methods in Physics Research B, 1989, 40-41, 1004-1007.	1.4	22
123	^6He and neutron momentum distributions from ^8He in nuclear break-up reactions at 240 MeV/u. Nuclear Physics A, 1996, 598, 418-434.	1.5	21
124	First Study of Heavy-Ion Mirror Charge Exchange. Physical Review Letters, 1996, 76, 26-29.	7.8	20
125	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
126	Magnetic Elements for the A1900 Fragment Separator at the NSCL. , 1998, , 245-252.		20

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127	Study of the \hat{I}^2 -delayed neutron decay of ^{17}C and ^{18}C . Nuclear Physics A, 1995, 582, 109-123. New K isomers in the neutron-rich isotones $N=100$	1.5	19
128	isotones $N=100$ ^{162}Sm	2.9	19
129	Quasielastic scattering of ^{9}Li on ^{12}C . Physical Review C, 1996, 54, 1262-1266.	2.9	18
130	Elastic scattering of ^9Li and ^{11}Li from ^{12}C at 50 MeV per nucleon. Physical Review C, 2003, 67, .	2.9	18
131	Production of rare isotope beams with the NSCL fragment separator. Nuclear Instruments & Methods in Physics Research B, 2005, 241, 858-861.	1.4	18
132	Importance of nuclear effects in the dissociation of ^6He and ^6Li at $E/A=65$ MeV. Physical Review Letters, 1994, 72, 2355-2358.	7.8	17
133	Measurement of the $^1\text{H}(^6\text{He}, ^6\text{Li})n$ reaction in inverse kinematics. Physical Review C, 1996, 54, R2105-R2108.	2.9	17
134	Upper limit of the lifetime of ^{16}B . Physical Review C, 1996, 53, 1971-1973.	2.9	17
135	The masses of ^{51}Ca and ^{47}Ar . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 162, 87-91.	4.1	16
136	The beta decay of ^{48}Mn . Nuclear Physics A, 1991, 528, 203-214.	1.5	16
137	Transport integral: A method to calculate the time evolution of phase-space distributions. Physical Review E, 1994, 50, 4017-4021.	2.1	16
138	Mass of ^{57}Cu . Physical Review C, 1985, 31, 875-878.	2.9	15
139	Discovery of new isotopes $^{81,82}\text{Mo}$ and $^{85,86}\text{Ru}$ and a determination of the particle instability of ^{103}Sb . Physical Review C, 2017, 96, .	2.9	15
140	Strong isomer production in fragmentation reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 22-26.	4.1	14
141	One-nucleon knockout reactions: The test case ^{15}C and the single-particle structure of $^{16,17,19}\text{C}$. Nuclear Physics A, 2001, 682, 332-338.	1.5	14
142	Heavy residues from very mass-asymmetric heavy-ion reactions. Physical Review C, 1995, 52, 1462-1483.	2.9	13
143	Mass of ^{59}Zn . Physical Review C, 1983, 28, 1712-1717.	2.9	12
144	High-energy gamma-ray production in the heavy-ion reaction $^{136}\text{Xe} + ^{124}\text{Sn}$ at $E/A=89$ and 124 MeV. Physical Review C, 1989, 40, 1207-1212.	2.9	12

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145	Half-life of ^{32}Si . <i>Physical Review C</i> , 1993, 47, 1462-1465.	2.9	12
146	Elastic and quasielastic scattering of ^8He from ^{12}C . <i>Physical Review C</i> , 1997, 56, R2929-R2933.	2.9	12
147	induced ^{12}C single particle transfer reactions at $E/A=50\text{MeV}$. <i>Physical Review C</i> , 1989, 39, 1395-1401.	2.9	11
148	Mass measurements near $N=Z$. <i>Nuclear Physics A</i> , 1997, 616, 329-340.	1.5	11
149	Breakup of ^{11}Be : Prompt or Delayed?. <i>Physical Review Letters</i> , 1998, 81, 61-64.	7.8	11
150	Spectroscopic factors in exotic nuclei from nucleon-knockout reactions. <i>European Physical Journal A</i> , 2005, 25, 251-253.	2.5	11
151	Mass of ^{39}Sc via the $^{40}\text{Ca}(^7\text{Li},^8\text{He})$ reaction. <i>Physical Review C</i> , 1988, 38, 737-740.	2.9	10
152	\hat{I}^2 -delayed neutron decay of ^{14}Be . <i>Physical Review C</i> , 1995, 51, 2372-2380.	2.9	10
153	($t,^3\text{He}$) Reaction; New tool for studying spin-isospin excitations in neutron rich nuclei. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997, 397, 465-471.	1.6	10
154	Dipole strength function in ^{200}O . <i>Nuclear Physics A</i> , 2001, 687, 231-236.	1.5	10
155	Fragment separator momentum compression schemes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 645, 182-186.	1.6	10
156	Opportunities for isotope discoveries at FRIB. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2016, 376, 33-34.	1.4	10
157	Future Opportunities at the Facility for Rare Isotope Beams. <i>EPJ Web of Conferences</i> , 2018, 178, 01001.	0.3	10
158	Measurement of the beta decay half-life of ^{17}B . <i>Physical Review C</i> , 1988, 37, 1314-1317.	2.9	9
159	Nuclear astrophysics with radioactive ions at FAIR. <i>Journal of Physics: Conference Series</i> , 2016, 665, 012044.	0.4	9
160	Tribology studies: ^7Be implantation in a ceramic sample by means of a fragmented high-energy ^{14}N beam. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1989, 40-41, 579-583.	1.4	8
161	Scientific Opportunities with the NSCL Coupled Cyclotron Facility. <i>Progress of Theoretical Physics Supplement</i> , 2002, 146, 60-69.	0.1	8
162	First search for ^{16}Be . <i>Physical Review C</i> , 2003, 67, .	2.9	8

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