

Thomas Elias Cocolios

List of Publications by Year in descending order

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150
papers

4,169
citations

108046

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57
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155
all docs

155
docs citations

155
times ranked

1792
citing authors

#	ARTICLE	IF	CITATIONS
1	Producing gold at ISOLDE-CERN. Nuclear Instruments & Methods in Physics Research B, 2022, 513, 26-32.	0.6	0
2	Characterization of a Continuous Muon Source for the Non-Destructive and Depth-Selective Elemental Composition Analysis by Muon Induced X- and Gamma-rays. Applied Sciences (Switzerland), 2022, 12, 2541.	1.3	9
3	isomeric state in ^{183}Re . Physical Review C, 2022, 105, 014307.	1.1	1
4	Electromagnetic moments of scandium isotopes and ^{28}Ne isotones in the distinctive $0f_{7/2}$ orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137064.	1.5	10
5	Design and thermal simulations towards a high intensity radioactive ion source for ISOL@MYRRHA. Journal of Physics: Conference Series, 2022, 2244, 012065.	0.3	1
6	Nuclear moments of indium isotopes reveal abrupt change at magic number 82. Nature, 2022, 607, 260-265.	13.7	22
7	A porous hexagonal boron nitride powder compact for the production and release of radioactive ^{11}C . Journal of the European Ceramic Society, 2021, 41, 4086-4097.	2.8	4
8	Production of Sm-153 With Very High Specific Activity for Targeted Radionuclide Therapy. Frontiers in Medicine, 2021, 8, 675221.	1.2	10
9	Isotope Shifts of Radium Monofluoride Molecules. Physical Review Letters, 2021, 127, 033001.	2.9	23
10	Laser-assisted nuclear decay spectroscopy of ^{176}Au and ^{177}Au . Physical Review C, 2021, 104, 014304.	1.1	7
11	Charge radii of exotic mercury isotopes challenge nuclear theory and the magic character of ^{207}Hg . Physical Review Letters, 2021, 127, 032501.	2.9	27
12	Charge radii of exotic potassium isotopes challenge nuclear theory and the magic character of ^{32}K . Nature Physics, 2021, 17, 439-443.	6.5	79
13	Large Shape Staggering in Neutron-Deficient Bi Isotopes. Physical Review Letters, 2021, 127, 192501.	2.9	27
14	Charge radii, moments, and masses of mercury isotopes across the $N=126$ shell closure. Physical Review C, 2021, 104, 014304.	1.1	7
15	Measurement of spallation cross sections for the production of terbium radioisotopes for medical applications from tantalum targets. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 327-329.	0.6	5
16	Production of intense mass separated ^{11}C beams for PET-aided hadron therapy. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 403-407.	0.6	7
17	A new control system for high-precision In-Gas Laser Ionization and Spectroscopy experiments at KU Leuven. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 297-301.	0.6	6
18	MELISSA: Laser ion source setup at CERN-MEDICIS facility. Blueprint. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 460-463.	0.6	13

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19	Optimising the Collinear Resonance Ionisation Spectroscopy (CRIS) experiment at CERN-ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 384-389.	0.6	13
20	Resonance ionization schemes for high resolution and high efficiency studies of exotic nuclei at the CRIS experiment. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 398-402.	0.6	7
21	A compact linear Paul trap cooler buncher for CRIS. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 375-377.	0.6	6
22	Laser-assisted decay spectroscopy for the ground states of ^{180}Au . Physical Review C, 2020, 102, .	1.1	10
23	Laser spectroscopy of indium Rydberg atom bunches by electric field ionization. Scientific Reports, 2020, 10, 12306.	1.6	12
24	I^2 -delayed fission of isomers in Bi188. Physical Review C, 2020, 102, .	1.1	7
25	Laser-assisted decay spectroscopy and mass spectrometry of ^{178}Au . Physical Review C, 2020, 102, .	1.1	8
26	Tin resonance-ionization schemes for atomic- and nuclear-structure studies. Physical Review A, 2020, 102, .	1.0	12
27	Spectroscopy of short-lived radioactive molecules. Nature, 2020, 581, 396-400.	13.7	78
28	Nuclear structure of ^{181}Au studied via β^+ decay of ^{181}Hg at ISOLDE. European Physical Journal A, 2020, 56, 1.	1.0	7
29	First Glimpse of the ^{82}N Shell Closure below ^{50}Z from Masses of Neutron-Rich Cadmium Isotopes and Isomers. Physical Review Letters, 2020, 124, 092502.	2.9	41
30	Hyperfine anomaly in gold and magnetic moments of ^{199}Au and ^{201}Au gold isomers. Physical Review C, 2020, 101, .	1.1	24
31	First laser ions at the CERN-MEDICIS facility. Hyperfine Interactions, 2020, 241, 1.	0.2	7
32	Analytic response relativistic coupled-cluster theory: the first application to indium isotope shifts. New Journal of Physics, 2020, 22, 012001.	1.2	21
33	α -decay branching ratio of ^{180}Pt . Physical Review C, 2020, 101, .		2
34	On the performance of wavelength meters: Part 1—consequences for medium-to-high-resolution laser spectroscopy. Applied Physics B: Lasers and Optics, 2020, 126, 1.	1.1	20
35	Measurement and microscopic description of odd-even staggering of charge radii of exotic copper isotopes. Nature Physics, 2020, 16, 620-624.	6.5	76
36	Measurement of the quadrupole moment of ^{185}Re and ^{187}Re from the hyperfine structure of muonic X rays. Physical Review C, 2020, 101, .	1.1	21

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37	β^- -decay properties of ^{200}Fr . Physical Review C, 2019, 100, .	1.1	10
38	Electromagnetic properties of low-lying states in neutron-deficient Hg isotopes: Coulomb excitation of ^{182}Hg , ^{184}Hg , ^{186}Hg and ^{188}Hg . European Physical Journal A, 2019, 55, 1.	1.0	13
39	Precision measurements of the charge radii of potassium isotopes. Physical Review C, 2019, 100, .	1.1	22
40	Fine structure in the \hat{I}^\pm decay of ^{218}At . Physical Review C, 2019, 99, .	1.1	5
41	Simulation of the relative atomic populations of elements ^{89}Zr following charge exchange tested with collinear resonance ionization spectroscopy of indium. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2019, 153, 61-83.	1.5	21
42	A compact RFQ cooler buncher for CRIS experiments. Hyperfine Interactions, 2019, 240, 1.	0.2	3
43	Inverse odd-even staggering in nuclear charge radii and possible octupole collectivity in $^{217,218,219}\text{At}$ revealed by in-source laser spectroscopy. Physical Review C, 2019, 99, .	1.1	13
44	Shape staggering of midshell mercury isotopes from in-source laser spectroscopy compared with density-functional-theory and Monte Carlo shell-model calculations. Physical Review C, 2019, 99, .	1.1	43
45	Laser-spectroscopy studies of the nuclear structure of neutron-rich radium. Physical Review C, 2018, 97, .	1.1	21
46	MEDICIS-Promed: an Innovative Training Network for a new generation of professionals in nuclear medicine. IFMBE Proceedings, 2018, , 530-533.	0.2	2
47	Nuclear structure with radioactive muonic atoms. EPJ Web of Conferences, 2018, 193, 04014.	0.1	4
48	Change in structure between the $\hat{I}^\pm = \hat{I}^\pm/2$ states in ^{181}Tl and $^{177,179}\text{Au}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 355-363.	1.5	22
49	Characterization of the shape-staggering effect in mercury nuclei. Nature Physics, 2018, 14, 1163-1167.	6.5	106
50	Radium ionization scheme development: The first observed autoionizing states and optical pumping effects in the hot cavity environment. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 150, 99-104.	1.5	3
51	Charge radii and electromagnetic moments of ^{219}At . Physical Review C, 2018, 97, .	1.1	35
52	Enhancing the extraction of laser-ionized beams from an arc discharge ion source volume. Nuclear Instruments & Methods in Physics Research B, 2018, 431, 59-66.	0.6	14
53	Changes in mean-squared charge radii and magnetic moments of ^{179}Tl and ^{184}Au . Physical Review C, 2017, 95, .	1.1	23
54	Application of the Broad Energy Germanium detector: A technique for elucidating \hat{I}^2 -decay schemes which involve daughter nuclei with very low energy excited states. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 849, 112-118.	0.7	3

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55	Collectivity in ^{196,198} Pb isotopes probed in Coulomb-excitation experiments at REX-ISOLDE. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 064009.	1.4	3
56	Shape coexistence studied in ^{182,184} Hg via the \hat{I}^2 decay of ^{182,184} Tl. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 074001.	1.4	13
57	Spectroscopy of the long-lived excited state in the neutron-deficient nuclides ^{195}Po and ^{197}Po . Physical Review C, 2017, 96, .	1.1	15
58	Quadrupole moment of ^{203}Ga ground-state properties in the region near $Z=28$ with high-resolution laser spectroscopy. Physical Review C, 2017, 96, .	1.1	15
59	Dipole and quadrupole moments of ^{203}Fr . Physical Review C, 2017, 96, .	1.1	10
60	Penning-trap mass spectrometry and mean-field study of nuclear shape coexistence in the neutron-deficient lead region. Physical Review C, 2017, 95, .	1.1	41
61	The ISOLDE LEGO robot: building interest in frontier research. Physics Education, 2017, 52, 044004.	0.3	1
62	New systematic features in the neutron-deficient Au isotopes. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 074003.	1.4	10
63	Precision electron-capture energy in ²⁰² Pb and its relevance for neutrino mass determination. European Physical Journal A, 2017, 53, 1.	1.0	6
64	Detailed \hat{I}^2 -decay study of ^{186}Tl . Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 025102.	1.1	4
65	Binding Energy of ^{79}Cu . Physical Review C, 2017, 96, .	2.9	70
66	Probing the Structure of the Doubly Magic ^{126}N . Physical Review C, 2016, 94, .	1.1	15
67	A new perspective on charge radii around $Z = 82$. Hyperfine Interactions, 2017, 238, 1.	0.2	1
68	Laser resonance ionization spectroscopy on lutetium for the MEDICIS project. Hyperfine Interactions, 2017, 238, 1.	0.2	14
69	A simple decay-spectroscopy station at CRIS-ISOLDE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 844, 14-18.	0.7	3
70	The Institute for Nuclear and Radiation Physics at the University of Leuven. Nuclear Physics News, 2017, 27, 18-22.	0.1	1
71	\hat{I}^2 -decay study of ^{182,184} Tl. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 025102.	1.4	10
72	Laser and decay spectroscopy of the short-lived isotope ^{214}Fr in the vicinity of the shell closure. Physical Review C, 2016, 94, .	1.1	15

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73	High-resolution laser spectroscopy with the Collinear Resonance Ionisation Spectroscopy (CRIS) experiment at CERN-ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 284-287.	0.6	16
74	Delayed fission and β -decay of ^{216}Po and ^{216}At . Physical Review C, 2016, 93, .	1.1	10
75	Combined high-resolution laser spectroscopy and nuclear decay spectroscopy for the study of the low-lying states in ^{206}Fr , ^{202}At , and ^{198}Bi . Physical Review C, 2016, 93, .	1.1	14
76	Publisher's Note: Laser and decay spectroscopy of the short-lived isotope ^{216}Po . Physical Review C, 2016, 94, .	1.1	1
77	Rearrangement of valence neutrons in the neutronless double-shell closure ^{126}Xe . Physical Review C, 2016, 94, .	1.1	23
78	Blurring the boundaries between ion sources: The application of the RILIS inside a FEBIAD type ion source at ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 39-45.	0.6	22
79	Precision Mass Measurements of ^{129}Cd and ^{131}Cd . Their Impact on Stellar Nucleosynthesis via the Rapid Neutron Capture Process. Physical Review Letters, 2015, 115, 232501.	2.9	66
80	Collectivity in the light radon nuclei measured directly via Coulomb excitation. Physical Review C, 2015, 91, .	1.1	8
81	Internal decay of the ^{184}Tl state in ^{184}Tl . Physical Review C, 2015, 92, .	1.1	7
82	Deformation and mixing of coexisting shapes in neutron-deficient polonium isotopes. Physical Review C, 2015, 92, .	1.1	25
83	Use of a Continuous Wave Laser and Pockels Cell for Sensitive High-Resolution Collinear Resonance Ionization Spectroscopy. Physical Review Letters, 2015, 115, 132501.	2.9	54
84	In-Source Laser Spectroscopy with the Laser Ion Source and Trap: First Direct Study of the Ground-State Properties of ^{217}Po . Physical Review X, 2015, 5, .	2.8	18
85	Shapes and Collectivity in Neutron Deficient Even-Mass ^{188}Po and ^{198}Po Isotopes. , 2015, .		2
86	Do nuclei go pear-shaped? Coulomb excitation of ^{220}Rn and ^{224}Ra at REX-ISOLDE (CERN). EPJ Web of Conferences, 2015, 93, 01038.	0.1	0
87	Single-neutron orbits near ^{78}Ni : Spectroscopy of the ^{79}Zn isotope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 298-302.	1.5	27
88	Laser spectroscopy of francium isotopes at the borders of the region of reflection asymmetry. Physical Review C, 2014, 90, .	1.1	39
89	Competition between pairing correlations and deformation from the odd-even mass staggering of francium and radium isotopes. Physical Review C, 2014, 90, .	1.1	14
90	Decay-Assisted Laser Spectroscopy of Neutron-Deficient Francium. Physical Review X, 2014, 4, .	2.8	34

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91	Evolution of nuclear ground-state properties of neutron-deficient isotopes around $Z=82$ from precision mass measurements. <i>Physical Review C</i> , 2014, 90, .	1.1	16
92	In-gas-cell laser ionization spectroscopy in the vicinity of ^{100}Sn : Magnetic moments and mean-square charge radii of $N < 50$. <i>Ag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 191-197.	1.5	39
93	Shape Coexistence in the Neutron-Deficient Even-Even $Z=82$ Region. <i>Physical Review Letters</i> , 2014, 112, 162701.	1.1	51
94	Evolution of fission-fragment mass distributions in the neutron-deficient lead region. <i>Physical Review C</i> , 2014, 90, .	2.9	96
95	Evolution of fission-fragment mass distributions in the neutron-deficient lead region. <i>Physical Review C</i> , 2014, 90, .	1.1	39
96	\hat{I}^\pm decay of $\text{Au}176$. <i>Physical Review C</i> , 2014, 90, .	1.1	8
97	Determination of the $B(\langle i \rangle B \langle /i \rangle (\langle i \rangle E \langle /i \rangle 3, 0 \langle \sup \rangle + \langle /sup \rangle \hat{\pi}^3 \langle \sup \rangle \hat{\pi}^{\langle /sup \rangle})$ -excitation strength in octupole-correlated nuclei near $A \approx 224$ by the means of Coulomb excitation at REX-ISOLDE. <i>Journal of Physics: Conference Series</i> , 2014, 533, 012007.	0.3	2
98	Recent exploits of the ISOLTRAP mass spectrometer. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 317, 492-500.	0.6	41
99	Measurement of the first ionization potential of astatine by laser ionization spectroscopy. <i>Nature Communications</i> , 2013, 4, 1835.	5.8	89
100	Charge radii of odd- A ^{191}Po isotopes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 362-366.	1.5	64
101	The Collinear Resonance Ionization Spectroscopy (CRIS) experimental setup at CERN-ISOLDE. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 317, 565-569.	0.6	36
102	Mass spectrometry and decay spectroscopy of isomers across the $Z=82$ shell closure. <i>Physical Review C</i> , 2013, 88, .	1.1	21
103	First results from the CRIS experiment. <i>Hyperfine Interactions</i> , 2013, 227, 131.	0.2	2
104	A dedicated decay-spectroscopy station for the collinear resonance ionization experiment at ISOLDE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 707, 35-39.	0.7	19
105	First application of the Laser Ion Source and Trap (LIST) for on-line experiments at ISOLDE. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 317, 417-421.	0.6	22
106	New developments of the in-source spectroscopy method at RILIS/ISOLDE. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 317, 550-556.	0.6	47
107	Studies of pear-shaped nuclei using accelerated radioactive beams. <i>Nature</i> , 2013, 497, 199-204.	13.7	268
108	\hat{I}^\pm -decay spectroscopy of the chain $Tl \rightarrow ^{209}\text{Pb} \rightarrow ^{209}\text{Bi}$. <i>Physical Review Letters</i> , 2013, 111, 162701.	1.1	13

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109	The Miniball spectrometer. European Physical Journal A, 2013, 49, 1.	1.0	126
110	Laser assisted decay spectroscopy at the CRIS beam line at ISOLDE. Hyperfine Interactions, 2013, 216, 95-101.	0.2	7
111	\hat{I}^2 -delayed fission and \hat{I}^{\pm} decay of ^{178}Tl . Physical Review C, 2013, 88, .	1.1	24
112	Collinear Resonance Ionization Spectroscopy of Neutron-Deficient Francium Isotopes. Physical Review Letters, 2013, 111, 212501.	2.9	63
113	\hat{I}^2 -delayed fission of ^{180}Tl . Physical Review C, 2013, 88, .	1.1	41
114	CRIS: A new method in isomeric beam production. EPJ Web of Conferences, 2013, 63, 01007.	0.1	3
115	Laser assisted decay spectroscopy at the CRIS beam line at ISOLDE. , 2013, , 95-101.		0
116	Laser spectroscopy of radioactive isotopes: Role and limitations of accurate isotope-shift calculations. Physical Review A, 2012, 86, .	1.0	65
117	Precise Determination of the Unperturbed B_8 Neutrino Spectrum. Physical Review Letters, 2012, 108, 162502.	2.9	17
118	Development of the CRIS (Collinear Resonant Ionisation Spectroscopy) beam line. Journal of Physics: Conference Series, 2012, 381, 012070.	0.3	19
119	Early onset of deformation in the neutron-deficient polonium isotopes. Journal of Physics: Conference Series, 2012, 381, 012072.	0.3	3
120	Laser assisted decay spectroscopy at the CRIS beam line at ISOLDE. Journal of Physics: Conference Series, 2012, 381, 012128.	0.3	12
121	Early Onset of Ground State Deformation in Neutron Deficient Polonium Isotopes. Physical Review Letters, 2011, 106, 052503.	2.9	94
122	Shape coexistence in ^{180}Hg studied through the \hat{I}^2 decay of ^{180}Tl . Physical Review C, 2011, 84, .	1.1	46
123	The new isotope ^{179}Pb and \hat{I}^{\pm} -decay properties of ^{179}Tl . Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 035102.	1.4	25
124	Coulomb excitation of ^{73}Ga . Physical Review C, 2010, 82, .	1.1	17
125	Magnetic dipole moments of ^{57}Cu and ^{58}Cu . Physical Review C, 2010, 81, .	1.1	43
126	Structure of ^{191}Pb from \hat{I}^{\pm} - and \hat{I}^2 -decay spectroscopy. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 125103.	1.4	20

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127	New Type of Asymmetric Fission in Proton-Rich Nuclei. Physical Review Letters, 2010, 105, 252502.	2.9	197
128	Lifetime Measurements and Coulomb Excitation of Light Hg Nuclei. , 2009, , .		4
129	Evidence for a ^{180}Pb isomer. Physical Review Letters, 2009, 93, 122501.	1.1	24
130	Decay of the ^{181}Pb isomer. Physical Review Letters, 2009, 93, 122502.	1.1	5
131	Physical Review Letters, 2009, 93, 122503.	1.1	4
132	Decay of the ^{181}Pb isomer and mass determination of low-lying states in ^{181}Tl , ^{177}Au , and ^{173}Ir . Physical Review C, 2009, 80, .	1.1	31
133	Structure of $^{65,67}\text{Co}$ studied through the ^{62}Fe decay of $^{65,67}\text{Fe}$ and a deep-inelastic reaction. Physical Review C, 2009, 79, .	1.1	53
134	Magnetic Dipole Moment of $^{57,59}\text{Cu}$ Measured by In-Gas-Cell Laser Spectroscopy. Physical Review Letters, 2009, 103, 102501.	2.9	72
135	Low-energy Coulomb excitation of neutron-rich zinc isotopes. Physical Review C, 2009, 79, .	1.1	58
136	The Laser Ion Source Trap (LIST) coupled to a gas cell catcher. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 2918-2926.	0.6	39
137	Dual chamber laser ion source at LISOL. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 2908-2917.	0.6	59
138	Characterization of the LISOL laser ion source using spontaneous fission of ^{252}Cf . Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4368-4372.	0.6	16
139	Decay correlations in the seconds range with laser-ionized, mass-separated beams. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4600-4605.	0.6	9
140	Resonant laser ionization of polonium at rills-isolde for the study of ground- and isomer-state properties. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4403-4406.	0.6	29
141	Gamow's "Teller transitions in exotic pf-shell nuclei relevant to supernova explosion. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014041.	1.4	9
142	Coulomb Excitation of the ^{50}Zn nucleus [⁸⁰ Zn]. AIP Conference Proceedings, 2008, , .	0.3	0
143	Shape isomerism at $N=40$: Discovery of a proton intruder state in ^{67}Co . Physical Review C, 2008, 78, .	1.1	58
144	Interplay between Single-Particle and Collective Effects in the Odd- A ^{67}Co Isotopes beyond $N=40$. Physical Review Letters, 2008, 100, 112502.	2.9	80

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145	Nuclear Charge Radii of Neutron-Deficient Lead Isotopes Beyond $N=104$ Midshell Investigated by In-Source Laser Spectroscopy. <i>Physical Review Letters</i> , 2007, 98, 112502.	2.9	116
146	Coulomb Excitation of Neutron-Rich Zn Isotopes: First Observation of the 21^+ State in Zn^{80} . <i>Physical Review Letters</i> , 2007, 99, 142501.	2.9	66
147	Feasibility study of in-beam polarization of fluorine. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 580, 1571-1577.	0.7	14
148	^{26}Al beam production by a solid state laser ion source at TRIUMF. <i>Hyperfine Interactions</i> , 2007, 174, 27-32.	0.2	9
149	TRIUMF resonant ionization laser ion source. <i>Hyperfine Interactions</i> , 2006, 171, 127-134.	0.2	34
150	Development and first on-line tests of the RIA gas catcher prototype. <i>Nuclear Physics A</i> , 2004, 746, 415-418.	0.6	25