

Th Faestermann

List of Publications by Year in descending order

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383
papers

7,930
citations

53794

45
h-index

82547

72
g-index

386
all docs

386
docs citations

386
times ranked

4126
citing authors

#	ARTICLE	IF	CITATIONS
1	A new value for the half-life of ^{10}Be by Heavy-Ion Elastic Recoil Detection and liquid scintillation counting. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 187-191.	1.4	734
2	^{60}Fe Anomaly in a Deep-Sea Manganese Crust and Implications for a Nearby Supernova Source. Physical Review Letters, 2004, 93, 171103.	7.8	212
3	Observation of Bound-State β^+ Decay of Fully Ionized ^{187}Re : $^{187}\text{Re}^{87+}$ ^{187}Os Cosmochronometry. Physical Review Letters, 1996, 77, 5190-5193.	7.8	183
4	New Measurement of the β^+ Half-Life. Physical Review Letters, 2009, 103, 072502.	7.8	181
5	Indication for Supernova Produced ^{60}Fe Activity on Earth. Physical Review Letters, 1999, 83, 18-21.	7.8	160
6	Superaligned Gamow-Teller decay of the doubly magic nucleus ^{100}Sn . Nature, 2012, 486, 341-345.	27.8	147
7	Abundance of live ^{244}Pu in deep-sea reservoirs on Earth points to rarity of actinide nucleosynthesis. Nature Communications, 2015, 6, 5956.	12.8	139
8	Production and identification of ^{100}Sn . Zeitschrift für Physik A, 1994, 348, 241-242.	0.9	132
9	Interstellar ^{60}Fe on the Surface of the Moon. Physical Review Letters, 2016, 116, 151104.	7.8	128
10	Observation of non-exponential orbital electron capture decays of hydrogen-like ^{140}Pr and ^{142}Pm ions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 162-168.	4.1	108
11	Measurement of the β^+ and Orbital Electron-Capture Decay Rates in Fully Ionized, Hydrogenlike, and Heliumlike ^{140}Pr . Physical Review Letters, 2007, 99, 262.	7.8	97
12	Spallation residues in the reaction $^{56}\text{Fe} + p$ at 0.3A, 0.5A, 0.75A, 1.0A, and 1.5A GeV. Physical Review C, 2007, 75, .	2.9	85
13	The structure of ^{100}Sn and neighbouring nuclei. Progress in Particle and Nuclear Physics, 2013, 69, 85-130.	14.4	85
14	Time-resolved 2-million-year-old supernova activity discovered in Earth's microfossil record. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9232-9237.	7.1	81
15	Search for Supernova-Produced ^{60}Fe in a Marine Sediment. Physical Review Letters, 2008, 101, 121101.	7.8	78
16	Experimental Evidence for Hyperdeformed States in U Isotopes. Physical Review Letters, 1998, 80, 2073-2076.	7.8	77
17	Search for cluster structure of excited states in ^{14}C . European Physical Journal A, 2004, 21, 193-215.	2.5	76
18	Core-Excited High-Spin Isomers in ^{212}Rn . Physical Review Letters, 1977, 39, 389-391.	7.8	75

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37	On the excitation energy of the ground state in the third minimum of U. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 15-21.	4.1	49
38	A new series of beta-delayed proton precursors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1976, 63, 27-30.	4.1	48
39	Limits in elastic recoil detection analysis with heavy ions. Nuclear Instruments & Methods in Physics Research B, 1996, 118, 291-300.	1.4	48
40	Excited superdeformed $K\pi=0+$ rotational bands in \hat{I}^2 -vibrational fission resonances of ^{240}Pu . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 505, 27-35.	4.1	48
41	First Measurement of Several \hat{I}^2 -Delayed Neutron Emitting Isotopes Beyond Interstellar ^{126}N . Fe in Antarctica. Physical Review Letters, 2019, 123, 072701.	7.8	47
42	proton precursors. Nuclear Physics A, 1977, 288, 1-22.	7.8	47
43	Orbital electron capture decay of hydrogen- and helium-like ^{142}Pm ions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 36-40.	1.5	46
44	Projectile fragmentation of ^{112}Sn at $1\text{A}\hat{c}$, GeV. Physical Review C, 2002, 65, .	4.1	46
45	Decay studies of $N\hat{\%}^Z$ nuclei from ^{75}Sr to ^{102}Sn . European Physical Journal A, 2002, 15, 185-188.	2.9	45
46	High-resolution study of $0+$ and $2+$ excitations in ^{168}Er with the (p,t) reaction. Physical Review C, 2006, 73, .	2.5	44
47	Nuclear Lifetimes in the Region of $10\hat{\%}^{16}\text{sec}$ Measured by a New Technique. Physical Review Letters, 1976, 37, 133-136.	2.9	44
48	Resonant tunneling through the triple-humped fission barrier of ^{236}U . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 615, 175-185.	7.8	42
49	Terrestrial manganese- $^{53}\hat{\%}$ A new monitor of Earth surface processes. Earth and Planetary Science Letters, 2006, 251, 334-345.	4.1	42
50	Proton and alpha radioactivity of very neutron deficient Te, I, Xe and Cs isotopes, studied after electrostatic separation. Zeitschrift für Physik A, 1991, 340, 225-226.	4.4	41
51	Improving the ^{13}F P ^{30}Ar Tj ETQqO OgBT Og lock 10	0.9	39
52	Toward precise Q_{EC} values for the superallowed $0+\hat{\%}^0+\hat{I}^2$ decays of $T=2$ nuclides: The masses of ^{20}Na , ^{24}Al , ^{28}P , and ^{32}Cl . Physical Review C, 2010, 81, .	2.9	36
53	^{13}F -Ray Emission from Novae Affected by Interference Effects in the ^{18}O F mo		
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#	ARTICLE	IF	CITATIONS
55	Magnetic moments of N=48?50 nuclei and proton core polarization. Hyperfine Interactions, 1978, 4, 196-200.	0.5	35
56	Static quadrupole moments in Cd isotopes. Hyperfine Interactions, 1978, 4, 229-233.	0.5	35
57	Beta decay of ^{101}Sn . European Physical Journal A, 2007, 31, 319-325. High-resolution measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi mathvariant="normal"} \rangle \text{Sn} \langle \text{mml:mprescripts} / \rangle \langle \text{mml:none} \rangle$	2.5	35
58			

#	ARTICLE	IF	CITATIONS
73	Test of the Pauli exclusion principle for atomic electrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 240, 227-231.	4.1	27
74	Detection of nitrogen in CVD diamond. <i>Diamond and Related Materials</i> , 1996, 5, 995-997.	3.9	27
75	Half-life measurements of stored fully ionized and hydrogen-like ^{122}I ions. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	27
76	Supernova-Produced ^{53}Mn on Earth. <i>Physical Review Letters</i> , 2020, 125, 031101.	7.8	27
77	Spectroscopy of excited states in ^{212}Po , ^{210}Pb , and ^{213}At employing ^{18}O induced few-nucleon transfer reactions. <i>Zeitschrift für Physik A</i> , 1981, 302, 51-59.	1.4	26
78	The dosimetry system DS86 and the neutron discrepancy in Hiroshima - historical review, present status, and future options. <i>Radiation and Environmental Biophysics</i> , 1998, 37, 293-310.	1.4	26
79	Highly sensitive AMS measurements of ^{53}Mn . <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 756-758.	1.4	26
80	ACCELERATOR MASS SPECTROMETRY OF ^{63}Ni AT THE MUNICH TANDEM LABORATORY FOR ESTIMATING FAST NEUTRON FLUENCES FROM THE HIROSHIMA ATOMIC BOMB. <i>Health Physics</i> , 2000, 79, 358-364.	0.5	25
81	Knight shifts and absolute magnetic moments in trans-bismuth nuclei. <i>Hyperfine Interactions</i> , 1978, 4, 219-223.	0.5	24
82	Lamb-shift measurement in hydrogenlike Sulfur. <i>Zeitschrift für Physik A</i> , 1984, 318, 7-11.	1.4	24
83	New supersymmetry classification of nuclear levels in ^{195}Pt . <i>Physical Review C</i> , 1986, 34, 1958-1961.	2.9	24
84	Presolar nanodiamonds: faster, cleaner, and limits on platinum-HL. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 4949-4960.	3.9	24
85	Structure of ^{55}Ti from relativistic one-neutron knockout. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 675, 22-27.	4.1	24
86	Attempt to detect primordial ^{244}Pu on Earth. <i>Physical Review C</i> , 2012, 85, .	2.9	24
87	Possible experimental signature of octupole correlations in the 0^2_+ states of the actinides. <i>Physical Review C</i> , 2013, 88, .	2.9	24
88	The ^{41}Ca bomb pulse and atmospheric transport of radionuclides. <i>Journal of Geophysical Research</i> , 1997, 102, 19517-19527.	3.3	23
89	^{11}He and ^{11}Li neutron particle-hole multiplets in ^{208}Pb . <i>Physical Review C</i> , 2006, 74, .	2.9	23
90	High-resolution measurement of absolute β^- -decay widths in ^{16}O . <i>Physical Review C</i> , 2011, 83, .	2.9	23

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91	High spin isomers in ^{96}Zr . Excitations across the $Z=38$ and $Z=39$ shell gaps. Physical Review C, 2010, 82, .	2.9	23
92	Search for superheavy elements with $Z=114$ nature with accelerator mass spectrometry. Physical Review C, 2012, 85, .	2.9	18
93	High resolution depth profile analysis by elastic recoil detection with heavy ions. Fresenius' Journal of Analytical Chemistry, 1995, 353, 311-315.	1.5	22
94	Investigation of 0^+ states in ^{192}Pt and ^{194}Pt isotopes. Physical Review C, 2010, 82, .	2.9	22
95	\hat{I}^2 -decay half-lives and \hat{I}^2 -delayed neutron emission probabilities for several isotopes of Au, Hg, Tl, Pb, and Bi, beyond $N=126$. Physical Review C, 2017, 95, .	2.9	22
96	The g-factor difference for the 61^+ and 88^+ states in ^{210}Po . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1973, 43, 483-486.	4.1	21
97	\hat{I}^2 -delayed proton precursors. Nuclear Physics A, 1981, 371, 349-363.	1.5	21
98	Plutonium Isotopes (^{239}Pu) Dissolved in Pacific Ocean Waters Detected by Accelerator Mass Spectrometry: No Effects of the Fukushima Accident Observed. Environmental Science & Technology, 2017, 51, 2031-2037.	10.0	21
99	orbits during double- \hat{I}^2 decay in ^{100}Sn . Physical Review C, 2017, 96, .	2.9	21
100	Beta decay of ^{103}Sn . European Physical Journal A, 2005, 25, 211-222.	2.5	20
101	Search for long-lived isomeric states in neutron-deficient thorium isotopes. Physical Review C, 2008, 78, .	2.9	20
102	^{118}Sn levels studied by the ^{118}Sb proton decay of the isobaric analog intruder resonance. Physical Review C, 2017, 96, .	2.9	20
103	^{208}Os excited by the proton decay of the isobaric analog intruder resonance. Physical Review C, 2010, 82, .	2.9	20
104	Structure of the $K^\pi=4^+$ bands in ^{186}Os and ^{188}Os . Physical Review C, 2010, 82, .	2.9	20
105	One-neutron knockout from light neutron-rich nuclei at relativistic energies. Physical Review C, 2010, 82, .	2.9	20
106	Properties of \hat{I}^3 -decaying isomers and isomeric ratios in the ^{100}Sn region. Physical Review C, 2017, 96, .	2.9	20
107	Particle-vibration coupling in ^{107}Cd . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1974, 52, 329-331.	4.1	19
108	Accelerator mass spectrometry for tests of the Pauli exclusion principle and for detection of beta beta decay products. Journal of Physics G: Nuclear and Particle Physics, 1991, 17, S355-S362.	3.6	19

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109	Production, identification, and half-life measurement of ^{100}Sn . Nuclear Physics A, 1995, 588, c191-c196.	1.5	19
110	Magnesium suppression for ^{26}Al measurements using AlO^+ ions. Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 259-262.	1.4	19
111	Beta decay of the proton-rich nuclei ^{102}Sn and ^{104}Sn . European Physical Journal A, 2006, 27, 129-136.	2.5	19
112	A multi-radionuclide approach for in situ produced terrestrial cosmogenic nuclides: ^{10}Be , ^{26}Al , ^{36}Cl and ^{41}Ca from carbonate rocks. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1179-1184.	1.4	19
113	Transmission resonance spectroscopy in the third minimum of ^{232}Pa . Physical Review C, 2012, 85, .	2.9	19
114	New and comprehensive ^{12}C - and ^{13}C -decay spectroscopy results in the vicinity of ^{100}Sn . Physical Review C, 2019, 99, .	2.9	19
115	Quadrupole moments of $81+$ states in. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1974, 48, 218-220.	4.1	18
116	Present and Future Experiments with Stored Exotic Nuclei at Relativistic Energies. AIP Conference Proceedings, 2006, .	0.4	18
117	Development of isobar separation for ^{182}Hf AMS measurements of astrophysical interest. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 250-255.	1.4	18
118	Radiochemical analysis of a copper beam dump irradiated with high-energetic protons. Radiochimica Acta, 2009, 97, .	1.2	18
119	Observation of a new high-spin isomer in ^{94}Pd . Physical Review C, 2010, 82, .	2.9	18
120	Neutron pair correlations in ^{100}Sn nuclei involved in neutrinoless double- ^{12}C decay. Physical Review C, 2012, 86, .	2.9	18
121	Production of Long-lived Radionuclides ^{10}Be , ^{14}C , ^{53}Mn , ^{55}Fe , ^{59}Ni and ^{202}gPb in a Fusion Environment. Journal of the Korean Physical Society, 2011, 59, 1378-1381.	0.7	18
122	The chalk river helium jet and skimmer system. Nuclear Instruments & Methods, 1976, 139, 335-342.	1.2	17
123	Search for parity mixing in the isomer: Measurements of partial \hat{I}^3 -decay widths. Nuclear Physics A, 1978, 306, 242-258.	1.5	17
124	Kinematic Shifts in the ^{12}C -Delayed Particle Decay of ^{20}Na , and the ^{12}C Angular Correlation. Physical Review Letters, 1983, 50, 23-26.	7.8	17
125	Angular momentum dependence of the quadrupole deformation in ^{182}W , ^{184}W , ^{186}W . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 218, 421-426.	4.1	17
126	Accelerator mass spectrometry with a gas-filled magnetic spectrograph. Nuclear Instruments & Methods in Physics Research B, 1992, 68, 313-318.	1.4	17

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127	AMS for M > 36 with a gas-filled magnetic spectrograph. Nuclear Instruments & Methods in Physics Research B, 1994, 92, 146-152.	1.4	17
128	Accelerator mass spectrometry measurements and model calculations of iron ⁶⁰ production rates in meteorites. Meteoritics and Planetary Science, 1999, 34, 729-734.	1.6	17
129	Accelerator mass spectrometry of Ni using a gas-filled magnet at the Munich Tandem Laboratory. Nuclear Instruments & Methods in Physics Research B, 2000, 172, 934-938.	1.4	17
130	Properties of ^{20}Ne α -decay. Nuclear Instruments & Methods in Physics Research B, 2000, 172, 934-938.	2.9	17
131	Evidence for the existence of the astrophysically important 6.40-MeV state of ^{31}S . Physical Review C, 2013, 88, .	2.9	17
132	Isotopic $^{32}\text{S}/^{33}\text{S}$ ratio as a diagnostic of presolar grains from novae. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 314-319.	4.1	17
133	Physics at the Munich Tandem Accelerator Laboratory. Nuclear Physics News, 2018, 28, 5-12.	0.4	17
134	High-resolution study of levels in the astrophysically important nucleus ^{26}Mg and resulting updated level assignments. Physical Review C, 2018, 97, .	2.9	17
135	High-resolution α -decay study of low-spin states in ^{240}Pu . Physical Review C, 2018, 97, .	2.9	17
136	Charge state dependence of the stopping power of 1 MeV/A ^{58}Ni -ions in thin carbon foils. Nuclear Instruments & Methods in Physics Research B, 1995, 99, 205-209.	1.4	16
137	Between atomic and nuclear physics: radioactive decays of highly-charged ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144024.	1.5	16
138	Isomeric yrast states in ^{206}Tl . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1976, 64, 273-275.	4.1	15
139	Magnetic moments of mirror states in ^{43}Ti and ^{43}Sc . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 73, 127-130.	4.1	15
140	Identification and decay spectroscopy of ^{100}Sn at the GSI projectile fragment separator FRS. Nuclear Physics A, 1997, 616, 341-345.	1.5	15
141	Thin- and thick-target cross sections for the production of ^{53}Mn and ^{60}Fe . Nuclear Instruments & Methods in Physics Research B, 2000, 172, 806-811.	1.4	15
142	Beta-decay studies near ^{100}Sn . European Physical Journal A, 2005, 25, 135-138.	2.5	15
143	Could the GSI decay rate oscillations be observed in a standard electron capture decay experiment?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 227-229.	4.1	15
144	High-energy excited states in ^{98}Cd . Journal of Physics: Conference Series, 2010, 205, 012035.	0.4	15

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145	Observation of five high-spin members of the $g_{9/2f_{7/2}}$ multiplet in ^{208}Pb . <i>European Physical Journal A</i> , 2010, 44, 233-238.	2.5	15
146	Observation of the 2- state in ^{208}Pb with a major $s_{1/2}p_{3/2}$ structure and structure of ten more 2- states. <i>European Physical Journal A</i> , 2010, 46, 17-26.	2.5	15
147	Cosmic-ray exposure history of the Norton County enstatite achondrite. <i>Meteoritics and Planetary Science</i> , 2011, 46, 284-310.	1.6	15
148	Analytical method for the determination of Np and Pu in sea water by AMS with respect to the Fukushima accident. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 505-509.	1.4	15
149	The role of core excitations in the structure and decay of the $16+$ spin-gap isomer in ^{96}Cd . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 474-479.	4.1	15
150	Accessing the Single-Particle Structure of the Pygmy Dipole Resonance in Pb^{208} . <i>Physical Review Letters</i> , 2020, 125, 102503.	7.8	15
151	Depth microscopy at interfaces. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1994, 85, 786-789.	1.4	14
152	Identification and half-life measurement of ^{100}Sn and neighbouring nuclei. <i>Physica Scripta</i> , 1995, T56, 67-70.	2.5	14
153	The Munich accelerator for fission fragments MAFF. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 204, 739-745.	1.4	14
154	First excited state of the s -process branching nucleus Zr^{95} . <i>Physical Review C</i> , 2003, 68, .	2.9	14
155	Study of the ^{130}Ba nucleus with the (p, t) reaction. <i>European Physical Journal A</i> , 2008, 36, 243-250.	2.5	14
156	New $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mmultiscripts}>\langle \text{mml:mi mathvariant="normal">Cl}</\text{mml:mi}>\langle \text{mml:mprescripts}></\text{mml:mprescripts}></\text{mml:math}>\langle \text{mml:mrow}>\langle \text{mml:mn}>34</\text{mml:mn}></\text{mml:mrow}></\text{mml:mmultiscripts}></\text{mml:math}>$ proton-threshold states and the thermonuclear $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mmultiscripts}>\langle \text{mml:mi mathvariant="normal">S}</\text{mml:mi}>\langle \text{mml:mprescripts}></\text{mml:mprescripts}></\text{mml:math}>$	2.9	14
157	Q-value for the Fermi beta-decay of ^{46}V . <i>European Physical Journal A</i> , 2009, 42, 339.	2.5	14
158	New data for the geochemical determination of the solar pp-neutrino flux by means of lorandite mineral. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 621, 278-285.	1.6	14
159	Recent developments for AMS at the Munich tandem accelerator. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 438, 180-183.	1.4	14
160	Shell model isomers near $Z = 64, N = 82$: g-factors of Yrast states in ^{146}Gd and ^{147}Gd . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1979, 80, 190-193.	4.1	13
161	Elemental composition of thin c-BN layers. <i>Diamond and Related Materials</i> , 1995, 4, 478-481.	3.9	13
162	^{41}Ca in Tooth Enamel. Part II: A Means for Retrospective Biological Neutron Dosimetry in Atomic Bomb Survivors. <i>Radiation Research</i> , 2010, 174, 146-154.	1.5	13

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163	Structure of $N=22$ and the $N=14$ subshell. <i>Physical Review C</i> , 2011, 83, .	2.9	13
164	Structures in ^{200}O from the $^{14}\text{C}(^7\text{Li}, p)$ reaction at 44 MeV. <i>European Physical Journal A</i> , 2011, 47, 1.	2.5	13
165	Absolute partial decay-branch measurements in ^{13}C . <i>Physical Review C</i> , 2012, 86, .	2.9	13
166	Gamma-ray measurements in the one-neutron knockout of ^{17}C , ^{19}N , ^{21}O and ^{25}F . <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	13
167	\hat{I}^2 decays of the heaviest $N=Z+1$ nuclei and proton instability of ^{97}In . <i>Physical Review C</i> , 2018, 97, .	2.9	13
168	New test of modulated electron capture decay of hydrogen-like ^{142}Pm ions: Precision measurement of purely exponential decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134800.	4.1	13
169	Benchmarking ^{136}Xe neutrinoless \hat{I}^2 decay matrix element calculations with the $^{138}\text{Ba}(p,t)$ reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 809, 135702.	4.1	13
170	Indications for a bound tetra-neutron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 824, 136799.	4.1	13
171	Electromagnetic properties of ^{230}Th studied by Coulomb excitation. <i>Physical Review C</i> , 1984, 29, 1684-1692.	2.9	12
172	An experiment for the measurement of the bound- \hat{I}^2 -decay of the free neutron. <i>European Physical Journal A</i> , 2006, 30, 603-611.	2.5	12
173	Nuclear structure study of semi-magic ^{125}Sn via (n, \hat{I}^3) and (d,p) reactions. <i>Physical Review C</i> , 2011, 83, .	2.9	12
174	Determining the strength of undetectable particle-hole configurations by complete spectroscopy of negative parity states in ^{208}Pb . <i>Physical Review C</i> , 2014, 89, .	2.9	12
175	Cosmic ray exposure and pre-atmospheric size of the Gebel Kamil iron meteorite. <i>Meteoritics and Planetary Science</i> , 2014, 49, 1365-1374.	1.6	12
176	Spectroscopy of ^{19}O for the thermonuclear ^{19}O .		

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181	Shell model and band structures in 19O. European Physical Journal A, 2010, 46, 345-358.	2.5	11
182	⁴¹ Ca in Tooth Enamel. Part I: A Biological Signature of Neutron Exposure in Atomic Bomb Survivors. Radiation Research, 2010, 174, 137-145.	1.5	11
183	Excited states of the ¹⁵⁰ Pm odd-odd nucleus. Physical Review C, 2012, 85, . High resolution spectroscopy of ^{112}Sn through the ^{112}Sn	2.9	11
184			

#	ARTICLE	IF	CITATIONS
199	Depth microscopy for thin film analysis. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 334, 187-190.	1.6	9
200	^{41}Ca a possible neutron specific biomarker in tooth enamel. Nuclear Instruments & Methods in Physics Research B, 2004, 223-224, 759-764.	1.4	9
201	Studies of \hat{I}^2 -delayed proton decays of $N\%fZ$ nuclei around ^{100}Sn at the GSI-ISOL facility. Nuclear Physics A, 2004, 746, 66-70.	1.5	9
202	Cslâ€“Silicon Particle detector for Heavy ions Orbiting in Storage rings (CslSiPHOS). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 836, 1-6.	1.6	9
203	First measurement of the $S_{34}(p,\hat{I}^3)\text{Cl}^{35}$ reaction rate through indirect methods for presolar nova grains. Physical Review C, 2017, 96, .	2.9	9
204	Properties of \hat{I}^3 -decaying isomers in the ^{100}Sn region populated in fragmentation of a ^{100}Zr .	2.9	9
205	Toward the limit of nuclear binding on the $N=Z$ line: Spectroscopy of ^{96}Cd . Physical Review C, 2019, 99, .	2.9	9
206	High-resolution study of excited states in ^{158}Gd with the $^{158}\text{Gd}(p,\hat{I}^3)\text{p}$ reaction. Physical Review C, 2020, 102, .	2.9	9
207	Measurements of g -factor in ^{94}Mo . Zeitschrift für Physik A, 1975, 273, 157-161.	1.4	8
208	Spectroscopy of excited states in ^{102}Mo and ^{106}Ru . Physical Review C, 1981, 24, 2076-2083.	2.9	8
209	Quantitative elastic recoil detection (ERD). Fresenius' Journal of Analytical Chemistry, 1995, 353, 582-584.	1.5	8
210	Search for $A=60$ fragments from neutron-induced fission with accelerator mass spectrometry. Nuclear Physics A, 2003, 723, 343-353.	1.5	8
211	Beta-decay spectroscopy of ^{103}Sn and ^{105}Sn . European Physical Journal A, 2005, 25, 139-141.	2.5	8
212	Gamow-Teller beta decay of ^{105}Sn . European Physical Journal A, 2006, 29, 183-188.	2.5	8
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