

Wojciech Krã³las

List of Publications by Year in descending order

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153
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155
all docs

155
docs citations

155
times ranked

1476
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutron availability in the Complementary Experiments Hall of the IFMIF-DONES facility. Fusion Engineering and Design, 2022, 179, 113133.	1.9	1
2	New approach to the conceptual design of STUMM: A module dedicated to the monitoring of neutron and gamma radiation fields generated in IFMIF-DONES. Fusion Engineering and Design, 2021, 172, 112866.	1.9	3
3	The IFMIF-DONES fusion oriented neutron source: evolution of the design. Nuclear Fusion, 2021, 61, 125002.	3.5	34
4	Early Signal of Emerging Nuclear Collectivity in Neutron-Rich ^{129}Sb . Physical Review Letters, 2020, 124, 032502.	7.8	14
5	Lifetime Measurements of Low-lying States in ^{73}Ga and $^{70,72,74}\text{Zn}$ Isotopes. Acta Physica Polonica B, 2020, 51, 837.	0.8	1
6	The IFMIF-DONES Project. Nuclear Physics News, 2019, 29, 28-32.	0.4	4
7	Towards the EU fusion-oriented neutron source: The preliminary engineering design of IFMIF-DONES. Fusion Engineering and Design, 2019, 146, 261-268.	1.9	23
8	The European approach to the fusion-like neutron source: the IFMIF-DONES project. Nuclear Fusion, 2019, 59, 065002.	3.5	58
9	Characterization of the Coaxial HPGe Detector for Activity Measurements of ITER Materials Irradiated in JET. Acta Physica Polonica B, 2019, 50, 719.	0.8	0
10	The IFMIF-DONES project: preliminary engineering design. Nuclear Fusion, 2018, 58, 105002.	3.5	78
11	Updated \hat{I}^2 -decay measurement of neutron-rich $\text{Cu}74$. Physical Review C, 2018, 98, .	2.9	5
12	Doubly magic ^{208}Pb : High-spin states, isomers, and collectivity in the yrast decay. Physical Review C, 2017, 95, .	2.9	21
13	\hat{I}^2 -decay study of $\text{Kr}94$. Physical Review C, 2016, 94, .	2.9	3
14	Shell-model states with seniority 5, and 7 in odd- ^{129}Sb and ^{127}Sb neutron-rich Sn isotopes. Physical Review C, 2016, 93, .	2.9	12
15	Reexamining Gamow-Teller decays near ^{78}Ni . Physical Review C, 2016, 93, .	2.9	16
16	Publisher's Note: Reexamining Gamow-Teller decays near ^{78}Ni [Phys. Rev. C93, 044325 (2016)]. Physical Review C, 2016, 93, .	2.9	0
17	Cluster-transfer reactions with radioactive beams: A spectroscopic tool for neutron-rich nuclei. Physical Review C, 2015, 92, .	2.9	19
18	E2 Transition Probabilities for Decays of Isomers Observed in Neutron-rich Odd Sn Isotopes. Acta Physica Polonica B, 2015, 46, 651.	0.8	1

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37	Neutron Single Particle Structure in ^{131}Sn and Direct Neutron Capture Cross Sections. Physical Review C, 2012, 85, .	7.8	58
38	^{12}C and ^{13}C β -decay delayed neutron λ and β -branching ratios. Physical Review C, 2012, 85, .	2.9	13
39	Probing single-particle states approaching doubly magic ^{71}Zn and ^{73}Zn Co- β decay. Physical Review C, 2012, 85, .	2.9	9
40	Core-coupled protons, $f_7/2$ intruder states, and competing $g_9/2$ proton and neutron structures in $^{65,67}\text{Cu}$. Physical Review C, 2012, 85, .	2.9	26
41	Low-spin states and the non-observation of a proposed 2202-keV β -isomer in ^{68}Ni . Physical Review C, 2012, 85, .	2.9	36
42	Yrast structure of ^{206}Bi : isomeric states and one-proton-particle, three-neutron-hole excitations. Physical Review C, 2012, 86, .	2.9	15
43	^{135}Te and ^{137}Xe by particle- β coincidence spectroscopy. The structure of the two-proton and three-neutron-hole nucleus ^{135}Te . Physical Review C, 2011, 84, .	2.9	25
44	Coupling of the proton-hole and neutron-particle states in the neutron-rich ^{84}K isotope. Physical Review C, 2011, 84, .	2.9	9
45	^{203}Hg from the decay of a ^{203}Au β -isomer. Physical Review C, 2011, 84, .	2.9	19
46	High-spin states and isomers in the one-proton-hole and three-neutron-hole ^{204}Tl isotope. Physical Review C, 2011, 84, .	2.9	20
47	Seniority, collectivity, and in ^{204}Ni . Physical Review C, 2011, 84, .	2.9	22
48	β -decay studies of the transitional nucleus ^{75}Cu and the structure of ^{75}Zn . Physical Review C, 2011, 83, .	2.9	14
49	Title is missing!. Acta Physica Polonica B, 2011, 42, 689.	0.8	0
50	Evolution of the Ar isotopic chain: the N=28 shell gap south of ^{48}Ca . Nuclear Physics A, 2010, 834, 69c-71c.	1.5	6
51	Dynamical deformation of nuclei in deep-inelastic collisions: A gamma coincidence study of $^{130}\text{Te}+^{275}\text{MeV } ^{64}\text{Ni}$ and $^{208}\text{Pb}+^{345}\text{MeV } ^{58}\text{Ni}$ heavy ion reactions. Nuclear Physics A, 2010, 832, 170-197.	1.5	42
52	New subshell closure at ^{58}Ni in neutron-rich nuclei beyond ^{53}Ni . Physical Review C, 2010, 81, .	2.9	56
53	^{81}Zn and migrations influence of the ^{81}Zn β -decay. Physical Review C, 2010, 81, .	2.9	22
54	on level structures of neutron-rich ^{61}Mn . Physical Review C, 2010, 82, .	2.9	30

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55	Lifetime measurements of excited states in neutron-rich ^{44}Ar and ^{46}Ar via a multinucleon transfer reaction. Physical Review C, 2010, 82, .	2.9	48
56	Proton-hole states in the $N=30$ neutron-rich isotope ^{49}K . Physical Review C, 2010, 82, .	2.9	16
57	Structure of ^{60}Fe and ^{62}Fe the onset of β^2 decay of ^{60}Fe . Physical Review C, 2009, 80, .	2.9	28
58	Neutron Transfer Reactions on Neutron-Rich ^{50}Na and ^{82}Na Nuclei Near the r-Process Path. , 2009, , .		1
59	Neutron Transfer Reactions: Surrogates for Neutron Capture for Basic and Applied Nuclear Science. , 2009, , .		1
60	Neutron-transfer reaction studies with fission fragment radioactive ion beams near ^{132}Sn . , 2009, , .		0
61	Lifetime Measurements of the Neutron-Rich ^{30}N Isotones ^{30}Ca and ^{30}Sc . Physical Review C, 2009, 80, .	7.8	78
62	decay of the ^{5}f state of ^{9}g bands in the neutron-rich ^{71}Ni . Physical Review C, 2009, 80, .	2.9	36
63	Levels above the ^{19}Ni in ^{71}Ni . Physical Review C, 2009, 79, .	2.9	24
64	Structure of ^{18}Cu and ^{19}Cu . Physical Review C, 2009, 79, .	2.9	18
65	Isotones ^{30}Ca and ^{30}Sc . Large ^{2}Cd . Physical Review C, 2009, 79, .	7.8	0
66	Delayed Neutron Emission Probabilities in the ^{78}Ni Region. Physical Review Letters, 2009, 102, 142502.	7.8	53
67	Structure of $^{65,67}\text{Fe}$ studied through the ^{2}Fe decay of $^{65,67}\text{Fe}$ and a deep-inelastic reaction. Physical Review C, 2009, 79, .	2.9	53
68	Collective and noncollective states in ^{116}Cd studied via the ^{2}Cd decays of ^{116}Cd . Physical Review C, 2009, 79, .	2.9	30
69	Studies of nuclei close to ^{132}Sn using single-neutron transfer reactions. , 2009, , .		3
70	Heavy Ion Deep-Inelastic Collisions Studied By Discrete Gamma-Ray Spectroscopy. , 2009, , .		0
71	Yrast structure of ^{97}Zr and ^{97}Zr decay of the ^{97}Zr . Physical Review C, 2009, 79, .	2.9	13
72	Shell structure beyond the proton drip line studied via proton emission from deformed ^{141}Ho . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 52-56.	4.1	46

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73	Lifetime measurements using the CLARA-PRISMA setup around the [sup 48]Ca doubly-magic nucleus.. , 2008, , .		0
74	Studies of excitation functions for the reaction between Sn^{100} and Ni^{31} isotopes. Physical Review C, 2008, 77, .	2.9	10
75	Rotation-aligned coupling in Fe^{61} . Physical Review C, 2008, 77, .	2.9	28
76	Physical Review C, 2008, 77, .	2.9	26
77	SHELL MODEL STATES IN NEUTRON-RICH Ca AND Ar NUCLEI. , 2008, , .		0
78	WEAKENING OF THE Ni^{78} CORE FOR $Z > 28$, $N > 50$?. , 2008, , .		0
79	NEUTRON SINGLE PARTICLE STATES AND ISOMERS IN ODD MASS NICKEL ISOTOPES NEAR Ni^{78} . , 2008, , .		0
80	SINGLE-NEUTRON STRUCTURE OF NEUTRON-RICH NUCLEI NEAR $N=50$ AND $N=82$. , 2008, , .		0
81	\hat{I}^2 AND \hat{I}^2 -DELAYED NEUTRON DECAY STUDIES OF ^{76}Ni AND ^{79}Cu AT THE HRIBF. , 2008, , .		0
82	Discovery of the ^{109}Xe and ^{105}Te alpha decay chain. AIP Conference Proceedings, 2007, , .	0.4	0
83	Studies of the excitation functions near ^{100}Sn . AIP Conference Proceedings, 2007, , .	0.4	0
84	Fine structure in proton emission from the deformed $^{141}\text{g.s}]\text{Ho}$ and $^{141}\text{m}]\text{Ho}$. AIP Conference Proceedings, 2007, , .	0.4	1
85	Decay Properties of $Z=77$ odd-Z Isotones. AIP Conference Proceedings, 2007, , .	0.4	0
86	On the alpha decay of ^{109}I and its implications for the proton decay of ^{105}Sb . AIP Conference Proceedings, 2007, , .	0.4	0
87	\hat{I}^{\pm} Decay of ^{109}Xe and Its Implications for the Proton Decay of ^{105}Sb and the Astrophysical Rapid Proton-Capture Process. Physical Review Letters, 2007, 98, 212501.	7.8	52
88	One-particle excitations outside the ^{54}Ti semi-magic core: The ^{55}V and ^{55}Ti yrast structures. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 135-140.	4.1	17
89	Identification of the ^{109}Xe and ^{105}Te \hat{I}^{\pm} -decay chain. European Physical Journal: Special Topics, 2007, 150, 131-134.	2.6	4
90	Discovery of ^{109}Xe and ^{105}Te : Superallowed \hat{I}^{\pm} Decay near Doubly Magic ^{100}Sn . Physical Review Letters, 2006, 97, 082501.	7.8	103

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91	Systematics of isomeric configurations in $N=77$ odd-Z isotones near the proton drip line. <i>Physical Review C</i> , 2006, 73, .	2.9	29
92	Level structure of the neutron-rich $Cr^{56,58,60}$ isotopes: Single-particle and collective aspects. <i>Physical Review C</i> , 2006, 74, .	2.9	75
93	Yrast structure of Fe^{64} . <i>Physical Review C</i> , 2006, 74, .	2.9	34
94	Low energy structure of even-even Ni isotopes close to ^{78}Ni . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 622, 45-54.	4.1	74
95	Nuclear structure studies at the proton drip line via proton radioactivity studies. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 241, 185-189.	1.4	28
96	Coulomb excitation and transfer reactions with rare neutron-rich isotopes. <i>Nuclear Physics A</i> , 2005, 752, 264-272.	1.5	50
97	Study of fine structure in the proton radioactivity of ^{146}Tm . <i>European Physical Journal A</i> , 2005, 25, 149-150.	2.5	7
98	A novel way of doing decay spectroscopy at a radioactive ion beam facility. <i>European Physical Journal A</i> , 2005, 25, 115-116.	2.5	55
99	Coulomb excitation of odd- A neutron-rich radioactive beams. <i>European Physical Journal A</i> , 2005, 25, 395-396.	2.5	3
100	Study of the $N = 77$ odd- Z isotones near the proton-drip line. <i>European Physical Journal A</i> , 2005, 25, 151-153.	2.5	2
101	Coulomb excitation and transfer reactions with neutron-rich radioactive beams. <i>European Physical Journal A</i> , 2005, 25, 383-387.	2.5	19
102	Discovery of the new proton emitter ^{144}Tm . <i>European Physical Journal A</i> , 2005, 25, 145-147.	2.5	23
103	Beta-delayed \hat{I}^3 and neutron emission near the double shell closure at ^{78}Ni . <i>European Physical Journal A</i> , 2005, 25, 93-94.	2.5	11
104	Isomer And Beta-Decay Studies Of Nuclei Near ^{78}Ni . <i>AIP Conference Proceedings</i> , 2005, , .	0.4	2
105	Structure Of Rare-Earth Nuclei Around The Proton Drip Line. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	13
106	Neutron-Rich Ti Isotopes And Possible $N = 32$ And $N = 34$ Shell Gaps. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	0
107	New isomeric state in Ag^{116} . <i>Physical Review C</i> , 2005, 72, .	2.9	14
108	Yrast structure of neutron-rich Ti^{53} . <i>Physical Review C</i> , 2005, 72, .	2.9	31

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109	Identification of excited states and shell model description of the $N=Z+1$ nucleus $Rh91$. Physical Review C, 2005, 72, .	2.9	7
110	YRAST STRUCTURE OF NEUTRON-RICH $N=31,32$ TITANIUM NUCLEI " SUBSHELL CLOSURE AT $N=32$. , 2005, , .		0
111	NEW YRAST STATES IN NUCLEI FROM THE $48Ca$ REGION STUDIED WITH DEEP-INELASTIC HEAVY ION REACTIONS. , 2005, , .		0
112	Study of the $N = 77$ odd- Z isotones near the proton-drip line. , 2005, , 151-153.		0
113	High-spin states in $Ru90$ and the projected shell model description. Physical Review C, 2004, 69, .	2.9	9
114	First identification of excited states in the $N=Z+1$ nucleus $Ru89$. Physical Review C, 2004, 70, .	2.9	6
115	High-spin behavior of multiple bands in the $N=Z+1$ nucleus $Zr81$: A possible probe of enhanced neutron-proton correlations. Physical Review C, 2004, 69, .	2.9	17
116	First identification of yrast decay and shell model description of the $N=Z+1$ nucleus $Pd93$. Physical Review C, 2004, 69, .	2.9	16
117	Probing nuclear shapes close to the fission limit with the giant dipole resonance in $Rn216$. Physical Review C, 2004, 70, .	2.9	23
118	Development of shell closures at $N=32,34$. II. Lowest yrast excitations in even-even Ti isotopes from deep-inelastic heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	79
119	The $\pi h_{11/2}^{-1} \nu i_{13/2}^{-2}$ three-hole isomeric state and octupole core excitation in the $205Tl$ nucleus. European Physical Journal A, 2003, 20, 57-58.	2.5	19
120	Hard-to-reach nuclei studied with deep-inelastic heavy-ion reactions. European Physical Journal A, 2003, 20, 145-150.	2.5	55
121	The CARDS array for neutron-rich decay spectroscopy at HRIBF. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 625-628.	1.4	11
122	Gamma coincidence study of $208Pb+350\text{MeV } 64Ni$ collisions. Nuclear Physics A, 2003, 724, 289-312.	1.5	51
123	Yrast isomers in $95Ag, 95Pd,$ and $94Pd$. Physical Review C, 2003, 67, .	2.9	32
124	β^3 -ray spectroscopy of proton neutron-hole nucleus $208Bi$ from deep inelastic heavy ion reactions. Physical Review C, 2003, 67, .	2.9	19
125	Fine structure in one-proton emission studied at Oak Ridge. AIP Conference Proceedings, 2003, , .	0.4	2
126	Recent Results Of Proton Drip-Line Studies At The HRIBF Recoil Mass Spectrometer. AIP Conference Proceedings, 2003, , .	0.4	0

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127	PRODUCTION OF NEUTRON-RICH NUCLIDES AT HRIBF. , 2003, , .		0
128	DECAY OF THE NEUTRON RICH NUCLEUS ^{116}Ag . , 2003, , .		0
129	Delayed alignments in the $N=Z$ nuclei ^{84}Mo and ^{88}Ru . Physical Review C, 2002, 65, .	2.9	29
130	First observation of the drip line nucleus ^{140}Dy : Identification of a $7/2^+$ isomer populating the ground state band. Physical Review C, 2002, 65, .	2.9	44
131	Fine structure in proton emission. AIP Conference Proceedings, 2002, , .	0.4	3
132	Structure of $^{52,54}\text{Ti}$ and shell closures in neutron-rich nuclei above ^{48}Ca . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 546, 55-62.	4.1	176
133	NEW CHALLENGES IN REGIONS OF DOUBLY-MAGIC ^{48}Ca AND ^{208}Pb . , 2002, , .		1
134	High-spin states in ^{208}Pb . European Physical Journal A, 2001, 10, 259-265.	2.5	21
135	Search for exotic shapes of hot nuclei at critical angular momenta. Nuclear Physics A, 2001, 687, 192-197.	1.5	12
136	Observation of a double giant dipole resonance in fusion-evaporation reactions. Physical Review C, 2001, 63, .	2.9	2
137	New states in $^{44,46}\text{Ar}$ isotopes from deep-inelastic heavy ion reaction studies. European Physical Journal A, 2000, 7, 147-148.	2.5	4
138	Search for hyperdeformed structures populated in the $^{37}\text{Cl}+^{120}\text{Sn}$ reaction by using EUROBALL III. European Physical Journal A, 2000, 7, 299-301.	2.5	8
139	New states in. European Physical Journal A, 2000, 7, 147.	2.5	14
140	High spin states above the $1/2^-$ -decaying isomer in ^{211}Po . European Physical Journal A, 1998, 1, 355-357.	2.5	8
141	Yrast excitations in $A = 126$ ^{131}Te nuclei from deep inelastic $^{130}\text{Te}+^{64}\text{Ni}$ reactions. Nuclear Physics A, 1998, 628, 386-402.	1.5	38
142	Gamma spectroscopy of neutron-rich nuclei from the vicinity of the ν -island of inversion at $N=20$. Acta Physica Hungarica A Heavy Ion Physics, 1998, 7, 83-86.	0.4	15
143	Dynamical deformation of nuclei participating in deep-inelastic collisions. Acta Physica Hungarica A Heavy Ion Physics, 1998, 7, 71-82.	0.4	4
144	β -ray studies of neutron-rich $N=18,19$ nuclei produced in deep-inelastic collisions. Physical Review C, 1997, 55, 762-765.	2.9	32

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145	Collective motion in hot superheavy nuclei. Nuclear Physics A, 1996, 599, 123-128.	1.5	2
146	Collective Dipole Motion in Highly Excited ^{272}Hs ($Z=108$) Nuclei. Physical Review Letters, 1996, 76, 1035-1038.	7.8	11
147	Shell model yrast states in the many-particle nucleus $^{72}\text{157}\text{Hf}$. Zeitschrift für Physik A, 1995, 351, 247-248.	0.9	8
148	Yrast excitations in ^{129}Te . Zeitschrift für Physik A, 1995, 353, 11-12.	0.9	9
149	$N=40$ Neutron Subshell Closure in the ^{68}Ni Nucleus. Physical Review Letters, 1995, 74, 868-871.	7.8	190
150	Spectroscopy of neutron-rich Ni isotopes produced in $^{208}\text{Pb} + ^{64}\text{Ni}$ collisions. Nuclear Physics A, 1994, 574, 623-641.	1.5	58
151	β -decay of the particle-hole states with the highest spins in ^{208}Pb . Zeitschrift für Physik A, 1993, 344, 363-367.	0.9	16
152	On the origin of the 2485 keV β -ray observed in near-barrier collisions of various heavy ions with ^{208}Pb . Zeitschrift für Physik A, 1992, 344, 121-122.	0.9	26
153	Giant dipole resonance in $^{55}\text{Mn}^*$ studied with the BGO detector. Zeitschrift für Physik A, 1992, 344, 145-147.	0.9	7