

Filip Kondev

List of Publications by Year in descending order

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147
docs citations

147
times ranked

1619
citing authors

#	ARTICLE	IF	CITATIONS
19	Spin-trap isomers in deformed, odd-odd nuclei in the light rare-earth region near $N=98$. Physical Review C, 2020, 102.	2.9	9
20	Metastable states from multinucleon excitations in ^{202}Tl and ^{203}Pb . Physical Review C, 2020, 102,	7.8	12
21	Revealed through Isomeric Decay. Physical Review Letters, 2020, 125, 192505.	2.5	9
22	The $^{136}\text{Xe} + ^{198}\text{Pt}$ reaction: a detailed re-examination. European Physical Journal A, 2020, 56, 1.	2.2	10
23	Nuclear Data Sheets for A=205. Nuclear Data Sheets, 2020, 166, 1-230.	1.6	5
24	Branching ratio and ^{135}I -ray emission probabilities in the decay of the ^{110}Te .	2.9	9
25	High-resolution ^{135}I γ -ray spectroscopy. Nuclear Instruments and Methods in Physics Research Section A, 2020, 904, 320337.	2.9	9
26	Longitudinal Wobbling Motion in ^{187}Au . Physical Review Letters, 2020, 124, 052501.	2.9	9
27	Evolution of collective and noncollective structures in ^{135}Xe . Physical Review C, 2020, 101, .	2.9	9
28	High-resolution ^{135}Xe γ -ray spectroscopy. Nuclear Instruments and Methods in Physics Research Section A, 2020, 904, 320337.	2.9	9
29	Decoupled and semi-decoupled bands in ^{197}Hg and ^{199}Hg . Physical Review C, 2019, 100, .	2.9	3
30	Structure of odd- A Pt isotopes along the line of stability. Physical Review C, 2019, 100, .	2.9	3
31	Interplay of quasiparticle and vibrational excitations: First observation of isomeric states in ^{168}Dy and ^{169}Dy . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 799, 135036.	4.1	8
32	New isomers in ^{125}Pd and ^{127}Pd : Competing proton and neutron excitations in neutron-rich palladium nuclides towards the $N=82$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 263-268.	4.1	5
33	Two-phonon wobbling in ^{135}Pr . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 170-174.	4.1	43
34	Novel ^{210}Pb β -decay: Tracing ^{210}Pb β -decay: Tracing ^{210}Pb β -decay: Tracing ^{210}Pb β -decay. Physical Review C, 2019, 100, .	2.9	13
35	Novel ^{210}Pb β -decay: Tracing ^{210}Pb β -decay: Tracing ^{210}Pb β -decay. Physical Review C, 2019, 100, .	7.8	15
36	Sequence in ^{78}Ge .		

#	ARTICLE	IF	CITATIONS
37	<p> I^2 -Decay Spectroscopy of Neutron-Rich Odd-Odd Eu </p>	7.8	29
38	<p> 94 -Decay Half-Lives of Neutron-Rich Cs </p>	2.9	68
39	<p> 208 : High-spin states, isomers, and Pb </p>	2.9	21
40	<p> F_3 r Process ($n, (\gamma)$) Rate Constraints from the (γ) Emission of Neutron Unbound States in (η)-Decay., 2017, . </p>		1
41	<p> Proton-hole and core-excited states in the semi-magic nucleus ^{131}In. European Physical Journal A, 2016, 52, 1. </p>	2.5	9
42	<p> First observation of rotational structures in Re. Physical Review C, 2016, 94, . </p>	2.9	3
43	<p> Configurations and decay hindrances of high-K states in Hf </p>	2.9	6
44	<p> Triaxial-band structures, chirality, and magnetic rotation in La </p>	2.9	25
45	<p> Impact of triaxiality on the rotational structure of neutron-rich rhenium isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 311-316. </p>	4.1	8
46	<p> Single-particle and collective excitations in Ni </p>	2.9	12
47	<p> Population and decay of a K isomer in Pu </p>	2.9	5
48	<p> In-beam β-ray spectroscopy of Mn. Physical Review C, 2016, 93, . </p>	2.9	4
49	<p> In-beam spectroscopy of medium- and high-spin states in Ce. Physical Review C, 2016, 93, . </p>	2.9	7
50	<p> Triaxiality and exotic rotations at high spins in Ce. Physical Review C, 2016, 93, . </p>	2.9	9
51	<p> Shell-model states with seniority 5, and 7 in odd-A neutron-rich Sn isotopes. Physical Review C, 2016, 93, . </p>	2.9	12
52	<p> Observation of high-spin bands with large moments of inertia in Xe. Physical Review C, 2016, 94, . </p>	2.9	4
53	<p> Review of metastable states in heavy nuclei. Reports on Progress in Physics, 2016, 79, 076301. </p>	20.1	104
54	<p> Precise absolute β-ray and β-decay branching intensities in the decay of Cu. Physical Review C, 2015, 92, . </p>	2.9	5

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55	Rotation-aligned isomer and oblate collectivity in Pt . Physical Review C, 2015, 92, .	2.9	11
56	Shape coexistence in ^{67}Co , $^{66,68,70,72}Ni$, and ^{71}Cu . AIP Conference Proceedings, 2015, , .	0.4	3
57	Shape Evolution in Neutron-Rich Ru Nuclei. , 2015, , .		0
58	Configurations and hindered decays of K isomers in deformed nuclei with \hat{I}^2/k . Physical Review C, 2014, 89, .	2.4	94
59	The case of A in the development of collectivity in the ^{60}Co . Physical Review C, 2014, 89, .	2.9	10
60	Transverse Wobbling in Pr . Physical Review Letters, 2015, 114, 082501.	7.8	79
61	Isomers and oblate rotation in Pt isotopes: Delineating the limit for collectivity at high spins. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 225-229.	4.1	17
62	First \hat{I}^3 -Decay Studies with CARIBU Low-Energy Exotic Beams. , 2015, , .		0
63	Coexisting structures in Ru . Physical Review C, 2014, 89, .	2.9	5
64	High-spin structure of odd-odd ^{172}Re . Physical Review C, 2014, 90, .	2.9	5
65	Revised level structure of ^{120}Te . Physical Review C, 2014, 90, .	2.9	10
66	Higher-seniority excitations in even neutron-rich Sn isotopes. Physical Review C, 2014, 89, .	2.9	31
67	The X-Ray and SATURN: A new decay-spectroscopy station for CARIBU. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated	1.6	18
68	Multiple band structures in ^{169}Re . Search for the wobbling mode in ^{169}Re , and residual interaction analysis of structures in ^{169}Re . Physical Review C, 2014, 89, .	2.9	12
69	Evidence for rigid triaxial deformation at low energy in ^{76}Ge . Physical Review C, 2013, 87, .	2.9	82
70	The Total Absorption Spectroscopy technique for reactor technology and basic nuclear physics. , 2013, , .		0
71	Multiquasiparticle states in the neutron-rich nucleus ^{174}Tm . Physical Review C, 2013, 88, .	2.9	2
72	Single-particle and collective excitations in ^{63}Ni . Physical Review C, 2013, 88, .	2.9	16

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73	Three-quasiparticle isomers and possible deformation in the transitional nuclide, ^{95}Au Physical Review C, 2013, 87, .	2.9	7
74	Quadrupole moments of coexisting collective shapes at high spin in ^{154}Er Physical Review C, 2013, 88, .	2.9	5
75	Possible deformation evolution in the ^{13}I of ^{171}Re Physical Review C, 2013, 88, .	2.9	3
76	Identification of triaxial strongly deformed bands in ^{164}Hf Physical Review C, 2013, 88, .	2.9	7
77	High-spin proton alignments and evidence for a second band with enhanced deformation in ^{171}Hf Physical Review C, 2012, 85, .	2.9	4
78	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
79	Spectroscopic study of the ^{64}Mo , ^{66}Mo , ^{68}Mo isotopes populated in $^{64}\text{Ni}^{60}\text{Ni}$ Physical Review C, 2012, 85, .	2.9	52
80	Core excitations beyond maximally aligned configurations in ^{123}I . Physical Review C, 2012, 85, .	2.9	18
81	Low-spin states and the non-observation of a proposed ^{202}Bi isomer in ^{68}Ni . Physical Review C, 2012, 86, .	2.9	36
82	High-spin structure, K-isomers, and state mixing in the neutron-rich isotopes ^{173}Tm and ^{175}Tm . Physical Review C, 2012, 86, .	2.9	10
83	Yrast structure of ^{206}Bi : Isomeric states and one-proton-particle, three-neutron-hole excitations. Physical Review C, 2012, 86, .	2.9	15
84	Quadrupole moment measurements for strongly deformed bands in $^{171,172}\text{Hf}$. Physical Review C, 2011, 83, .	2.9	8
85	Structure changes in ^{160}Er from low to ultrahigh spin. Physical Review C, 2011, 83, .	2.9	22
86	High-spin yrast structure of ^{159}Ho . Physical Review C, 2011, 84, .	2.9	5
87	Isomeric states observed in heavy neutron-rich nuclei populated in the fragmentation of a ^{208}Pb beam. Physical Review C, 2011, 84, .	2.9	108
88	Non-yrast positive-parity structures in the ^{153}Er -soft nucleus ^{72}Ni . Physical Review C, 2011, 84, .	2.9	16
89	Seniority, collectivity, and deformation in ^{72}Ni . Physical Review C, 2011, 84, .	2.9	22
90	Nuclear Data Sheets for $A = 204$. Nuclear Data Sheets, 2010, 111, 141-274.	2.2	56

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91	Band crossings between high- K and low- K states in the neutron-rich nucleus ^{170}Ta . Physical Review C, 2010, 81.	2.9	13
92	Collectivity at $N=40$ in neutron-rich ^{166}Cr . Physical Review C, 2010, 81.	2.9	107
93	Physical Review C, 2010, 81. Isomer in ^{166}Cr .	2.9	35
94	Band crossings in ^{166}Ta . Physical Review C, 2010, 82.	2.9	6
95	Alignments, additivity, and signature inversion in odd-odd ^{170}Ta . Physical Review C, 2010, 82.	2.9	9
96	Rotational alignments in ^{170}Ta and the possible role of ^{170}Ta . Physical Review C, 2010, 82.	2.9	7
97	Two-quasiparticle structures and isomers in ^{170}Ta . Physical Review C, 2010, 82.	2.9	5
98	Structure of three-quasiparticle isomers in ^{170}Ta . Physical Review C, 2010, 82.	2.9	24
99	MULTI-QUASIPARTICLE ISOMERS INVOLVING PROTON-PARTICLE AND NEUTRON-HOLE CONFIGURATIONS IN ^{131}I AND ^{133}I . Modern Physics Letters A, 2010, 25, 1800-1803.	1.2	4
100	Structure of three-quasiparticle isomers in ^{169}Ho and ^{169}Er . Physical Review C, 2009, 79, .	2.9	9
101	Excited states in the neutron-rich ^{171}Ga . Physical Review C, 2009, 79, .	2.9	24
102	Decay properties of high-spin isomers and other structures in ^{121}Sb and ^{123}Sb . Physical Review C, 2009, 79, .	2.9	14
103	Multi-quasiparticle isomers involving proton-particle and neutron-hole configurations in ^{131}I and ^{133}I . Physical Review C, 2009, 79, .	2.9	14
104	Decay of ^{171}Ga , 17-ms isomer in ^{185}Ta . Physical Review C, 2009, 80, .	2.9	12
105	Lifetime of the ^{171}Ga in the neutron-rich nucleus ^{171}Ga . Physical Review C, 2009, 79, .	2.9	25
106	Properties of excited states in ^{177}Ge . Physical Review C, 2009, 80, .	2.9	4
107	ISOMERIC DECAY STUDIES IN NEUTRON-RICH ^{126}N NUCLEI. International Journal of Modern Physics E, 2009, 18, 1002-1007.	1.0	24
108	Structure of neutron-rich nuclei around the $N = 126$ closed shell; the yrast structure of ^{205}Au up to spin-parity $19/2^+$. European Physical Journal A, 2009, 42, 489.	2.5	14

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109	Identification of $J^{\pi} = 19/2^{+}$ and $23/2^{+}$ isomeric states in ^{127}Sb . European Physical Journal A, 2009, 42, 163.	2.5	5
110	High-spin proton alignments and coexisting coupling schemes in ^{168}Hf . Physical Review C, 2009, 80, .	2.9	20
111	Nuclear Data Sheets for $A = 202$. Nuclear Data Sheets, 2008, 109, 699-786.	2.2	50
112	Triaxial strongly deformed bands in $^{160,161}\text{Tm}$. Physical Review C, 2008, 78, .	2.9	18
113	Electromagnetic transition rates in high-spin bands in ^{136}Nd . Physical Review C, 2008, 78, .	2.9	23
114	New shape minimum in ^{160}Yb : Evidence for a triaxial, strongly deformed band. Physical Review C, 2008, 77, .	2.9	21
115	Single particle behavior at ^{126}N . Isomeric decays in neutron-rich ^{204}Pt . Physical Review C, 2008, 78, .	2.9	73
116	High-spin, multiparticle isomers in $^{121,123}\text{Sb}$. Physical Review C, 2008, 77, .	2.9	13
117	First Results from the Stopped RISING Campaign at GSI: The Mapping of Isomeric Decays in Highly Exotic Nuclei. AIP Conference Proceedings, 2007, , .	0.4	4
118	Identification of a high-spin isomer in ^{99}Mo . Physical Review C, 2007, 76, .	2.9	4
119	Rotational structures and their evolution with spin in ^{152}Gd . Physical Review C, 2007, 75, .	2.9	9
120	Mass Chain Evaluations for the Evaluated Nuclear Structure Data File (ENSDF) – An Urgent Appeal for European Participation. Nuclear Physics News, 2007, 17, 19-23.	0.4	2
121	Nuclear Data Sheets for $A = 201$. Nuclear Data Sheets, 2007, 108, 365-454.	2.2	60
122	Nuclear shapes of highly deformed bands in $^{171,172}\text{Hf}$ and neighboring Hf isotopes. Physical Review C, 2007, 76, .	2.9	26
123	Nuclear Data Sheets for $A = 200$. Nuclear Data Sheets, 2007, 108, 1471-1582.	2.2	53
124	Isomeric decay studies around ^{204}Pt and ^{148}Tb . European Physical Journal: Special Topics, 2007, 150, 165-168.	2.6	11
125	Exciting isomers from the first stopped-beam RISING campaign. European Physical Journal: Special Topics, 2007, 150, 173-176.	2.6	6
126	Gamma-ray spectroscopy of the doubly magic nucleus ^{56}Ni . European Physical Journal A, 2006, 27, 157-165.	2.5	9

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127	Microsecond and nanosecond isomers populated in fission reactions. AIP Conference Proceedings, 2006, , .	0.4	1
128	Single-particle and collective degrees of freedom in Zr101 and Mo103,105. Physical Review C, 2006, 73, .	2.9	30
129	Level structure of the neutron-rich Cr56,58,60 isotopes: Single-particle and collective aspects. Physical Review C, 2006, 74, .	2.9	75
130	Search For Wobbling Excitations In Hf Nuclei: Are The SD Bands Triaxial?. AIP Conference Proceedings, 2005, , .	0.4	0
131	Structure Of Multi-Quasiparticle Isomers In The Region Of 177Lu. AIP Conference Proceedings, 2005, , .	0.4	0
132	K-Isomers as a Probe of Nuclear Structure and Advanced Applications. AIP Conference Proceedings, 2005, , .	0.4	1
133	Data Dissemination and International Collaborations. AIP Conference Proceedings, 2005, , .	0.4	1
134	Structure of two-, four-, and six-quasiparticle isomers in Yb174 and K-forbidden decays. Physical Review C, 2005, 71, .	2.9	41
135	Reduced transition probabilities to the first 2+ state in Ti52,54,56 and development of shell closures at N=32,34. Physical Review C, 2005, 71, .	2.9	130
136	YRST STRUCTURE OF NEUTRON-RICH N=31,32 TITANIUM NUCLEI â€“ SUBSHELL CLOSURE AT N=32. , 2005, , .		0
137	Shape coexistence and band crossings in Pt174. Physical Review C, 2004, 70, .	2.9	11
138	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
139	K-Mixing and fast decay of a seven-quasiparticle isomer in 179Ta. European Physical Journal A, 2004, 22, 23-27.	2.5	17
140	Structure of 52,54Ti and shell closures in neutron-rich nuclei above 48Ca. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 546, 55-62.	4.1	176
141	Evolution of shapes in 59Cu. European Physical Journal A, 2002, 14, 317-348.	2.5	46
142	The Argonne Fragment Mass Analyzer and measurements of entry distributions. AIP Conference Proceedings, 2001, , .	0.4	0
143	Migration from the normal to the highly deformed minimum in 131Nd. Physical Review C, 1999, 60, .	2.9	9
144	Rotational structures in 155Eu and 157Tb. Physical Review C, 1998, 57, 2944-2961.	2.9	19

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145	Multi-quasiparticle states in ^{179}Ta and structural changes in the yrast line of the odd tantalum isotopes. Nuclear Physics A, 1997, 617, 91-130.	1.5	58