

Kamila Sieja

List of Publications by Year in descending order

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105
papers

2,784
citations

172386

29
h-index

197736

49
g-index

106
all docs

106
docs citations

106
times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Particle and Collective Structures in Neutron-Rich Sr Isotopes. Universe, 2022, 8, 23.	0.9	5
2	Medium-spin states of the neutron-rich nucleus ^{87}Br . Physical Review C, 2021, 103, .		5
3	Shell-model based study of the direct capture in neutron-rich nuclei. European Physical Journal A, 2021, 57, 1.	1.0	13
4	First spectroscopic study of ^{63}V at the $N=40$ island of inversion. Physical Review C, 2021, 103, .	1.1	4
5	Observation of excited states in the neutron-rich nucleus ^{89}Br . Physical Review C, 2021, 104, .	1.1	2
6	Structure of even-even Sr isotopes with 50 neutrons. Physical Review C, 2021, 104, .		
7	Electric and magnetic dipole strength in ^{54}Fe . Physical Review C, 2020, 101, .		6
8	First application of the Oslo method in inverse kinematics. European Physical Journal A, 2020, 56, 1.	1.0	13
9	Excited states in ^{87}Br populated in $\hat{\Gamma}^2$ decay of ^{87}Se . Physical Review C, 2019, 100, .	1.1	5
10	Nuclear structure of ^{76}Ni from the $(\text{Tj ETQq0 0 0 rgBT / Overlack 10 Tf 5}$		
11	Excited States and Collectivity in ^{88}Se . EPJ Web of Conferences, 2018, 193, 05002.	0.1	0
12	Shell-model study of the dipole strength at low energy in the ^{100}M nuclei. Physical Review C, 2018, 98, .	1.1	18
13	Proton single particle energies next to ^{78}Ni : Spectroscopy of ^{77}Cu via single proton knock-out reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 99-103.	1.5	5
14	Gogny-HFB+QRPA dipole strength function and its application to radiative nucleon capture cross section. Physical Review C, 2018, 98, .	1.1	83
15	Signatures of triaxiality in low-spin spectra of ^{86}Ge . Journal of Physics: Conference Series, 2018, 1023, 012023.	0.3	0
16	Spectroscopy of ^{61}Fe via the neutron transfer reaction ^{61}H .	1.1	8
17	Penning-trap-assisted study of excitations in ^{88}Br populated in $\hat{\Gamma}^2$ decay of ^{88}Se . Physical Review C, 2017, 95, .	1.1	6
18	Neutron effective single-particle energies above ^{78}Ni : A hint from lifetime measurements in the ^{51}N isotones.	1.1	4

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37	<p>Existence of a $N=78$ isomer of ^{78}Ni. <i>Physical Review Letters</i>, 2013, 88, 082502.</p>	1.1	18
38	<p>From $N=2Z$ in ^{60}Ca to $N=Z$ in ^{80}Zr: Connecting the driplines. <i>Journal of Physics: Conference Series</i>, 2015, 580, 012007.</p>	0.3	0
39	<p>Evolution of single-particle strength in neutron-rich ^{71}Cu. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2015, 751, 306-310.</p>	1.5	17
40	<p>Spectroscopic properties of neutron rich nuclei beyond ^{132}Sn and seniority mixing. <i>Journal of Physics: Conference Series</i>, 2015, 580, 012030.</p>	0.3	7
41	<p>Single-neutron orbits near ^{78}Ni: Spectroscopy of the ^{79}Zn isotope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2015, 740, 012007.</p>	1.5	27
42	<p>Shell evolution beyond ^{78}Ni. <i>Physical Review C</i>, 2015, 91, 014301.</p>	1.1	26
43	<p>Recent Advances in the Shell Model Calculations of the Spectroscopic Properties of $^{134,136,138}\text{Sn}$. <i>Acta Physica Polonica B</i>, 2015, 46, 669.</p>	0.3	14
44	<p>Study of the deformation-driving $1/2d5/2$ orbital in $^{67,68}\text{Ni}$ using one-neutron transfer reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2014, 736, 533-538.</p>	1.5	16
45	<p>Yrast excitations in the neutron-rich ^{68}Ni. <i>Physical Review C</i>, 2013, 88, 014301.</p>		35
46	<p>Seniority Isomers of ^{136}Sn. <i>Physical Review C</i>, 2013, 88, 014301.</p>	2.9	75
47	<p>Probed via a Direct Measurement of the Isomer Shift. <i>Physical Review Letters</i>, 2014, 113, 052502.</p>	2.9	25
48	<p>Transition from collectivity to single-particle degrees of freedom from magnetic moment measurements on ^{388}Sr and ^{389}Sr. <i>Physical Review C</i>, 2014, 89, 014301.</p>	1.1	20
49	<p>Yrast excitations in the neutron-rich ^{52}Ni. <i>Physical Review C</i>, 2013, 88, 014301.</p>	1.1	29
50	<p>First observation of excited states in ^{87}Sr. <i>Physical Review C</i>, 2013, 88, 014301.</p>	1.1	30
51	<p>Collectivity and the ^{104}Sn and the Strength of the ^{104}Sn. <i>Physical Review C</i>, 2013, 88, 014301.</p>	2.9	60
52	<p>Experimental study of the ^{12}Ni shell closure. <i>Physical Review Letters</i>, 2013, 111, 082502.</p>	1.1	17
53	<p>Odd-parity ^{100}Sn Core Excitations. <i>Acta Physica Polonica B</i>, 2013, 44, 491.</p>	0.3	3
54	<p>Probing nuclear structures in the vicinity of ^{78}Ni and ^{78}Ni with ^{78}Ni and ^{78}Ni-decay. <i>Physical Review C</i>, 2013, 88, 014301.</p>	1.1	18

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55	Laboratory versus intrinsic description of nonaxial nuclei above doubly magic ^{78}Ni . Physical Review C, 2013, 88, .	1.1	41
56	Lifetime measurements in neutron-rich $^{63,65}\text{Co}$ isotopes using the AGATA demonstrator. Physical Review C, 2013, 88, .	1.1	15
57	Shell-model half-lives including first-forbidden contributions for r -process waiting-point nuclei. Physical Review C, 2013, 87, .	1.1	136
58	The nuclear shell model toward the drip lines. Physica Scripta, 2012, T150, 014030.	1.2	14
59	Toward the $N=40$ sub-shell closure in Co isotopes and the new island of inversion. Physica Scripta, 2012, T150, 014034.	1.2	4
60	Three-body forces and persistence of spin-orbit shell gaps in medium-mass nuclei: Toward the doubly magic ^{78}Ni . Physical Review C, 2012, 85, .	1.1	56
61	Structure of neutron-rich ^{92}Rb and the structure of neutron-rich ^{94}Rb isotopes. Physical Review C, 2012, 85, .	1.1	23
62	$N=50$ core excited states studied in the ^{69}Pd nucleus. Physical Review C, 2012, 86, .	1.1	13
63	Nuclear shell evolution and in-medium N - N interaction. Physical Review C, 2012, 86, .	1.1	37
64	I^2 and I^3 delayed neutron discovery of a new isomeric state in ^{68}Ni : Evidence for a highly deformed proton intruder state. Physical Review C, 2012, 85, .	1.1	13
65	Discovery of a new isomeric state in ^{68}Ni : Evidence for a highly deformed proton intruder state. Physical Review C, 2012, 85, .	1.1	43
66	Spectroscopy of neutron-rich Co nuclei populated in the $^{70}\text{Zn}+^{238}\text{U}$ reaction. Journal of Physics: Conference Series, 2012, 381, 012082.	0.3	0
67	Spin-gap isomer in ^{96}Cd . Journal of Physics: Conference Series, 2012, 381, 012074.	0.3	0
68	Spin-gap isomer in neutron-rich ^{72}Zn , and the high-velocity transient field technique for radioactive heavy-ion beams. Physical Review C, 2012, 85, .	1.1	18
69	Superallowed Gamow-Teller decay of the doubly magic nucleus ^{100}Sn . Nature, 2012, 486, 341-345.	13.7	147
70	M1 strength functions from large-scale shell-model calculations and their effect on astrophysical neutron capture cross-sections. European Physical Journal A, 2012, 48, 1.	1.0	31
71	Spin-Gap Isomer in ^{96}Cd . High-spin isomers in ^{96}Ag .	2.9	51
72	Excitations across the $Z=50$ shell gap in ^{50}Zn and ^{50}Zn .	1.1	23

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73	The ^{76}Se Gamow-Teller strength distribution and its importance for stellar electron capture rates. Nuclear Physics A, 2011, 859, 172-184.	0.6	30
74	Core polarization effects in effective Hamiltonians far from stability. Nuclear Physics A, 2011, 857, 9-15.	0.6	7
75	Exotic nuclear studies around and below $A \approx 100$. , 2011, , .		0
76	Coulomb excitation of the 3γ isomer in ^{70}Cu . Physical Review C, 2011, 84, .	1.1	11
77	Shell evolution and nuclear forces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 686, 109-113.	1.5	78
78	Low-lying isomeric levels in ^{75}Cu . Physical Review C, 2010, 81, .	1.1	71
79	Isomeric states of ^{91}Rb . Physical Review C, 2010, 82, .	1.1	31
80	Shell quenching in ^{78}Ni : A hint from the structure of neutron-rich copper isotopes. Physical Review C, 2010, 81, .	1.1	60
81	Collectivity in the light xenon isotopes: A shell model study. Physical Review C, 2010, 82, .	1.1	52
82	Isomer spectroscopy of ^{127}Cd . Physical Review C, 2010, 82, .	1.1	20
83	Onset of collectivity in neutron-rich Fe isotopes: Toward a new island of inversion?. Physical Review C, 2010, 81, .	1.1	109
84	Island of inversion around ^{64}Cr . Physical Review C, 2010, 82, .	1.1	218
85	Isomers in Fission Fragments. , 2009, , .		1
86	Description of proton-neutron mixed-symmetry states near ^{11}Li . Physical Review C, 2009, 79, .	1.1	37
87	Realistic large-scale shell model. Physical Review C, 2009, 80, .	1.1	46
88	Shell model description of zirconium isotopes. Physical Review C, 2009, 79, .	1.1	98
89	New isomers and medium-spin structure of the ^{95}Y nucleus. Physical Review C, 2009, 79, .	1.1	27
90	Spherical proton-neutron structure of isomeric states in ^{128}Cd . Physical Review C, 2009, 79, .	1.1	39

#	ARTICLE	IF	CITATIONS
91	<p>Prompt $\langle \text{mml:mrow} \langle \text{mml:mi} \hat{I}^3 \rangle \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$-ray spectroscopy of Studies of the double β-decay nucleus $\langle \text{mml:math} \langle \text{mml:mi} \hat{I}^3 \rangle \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$</p> <p>$\langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{mathvariant="normal"} \text{Zn} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \text{64} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$using the</p>	1.1	24
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