

Katarzyna Hadyńska-KlÄk

List of Publications by Year in descending order

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93
papers

1,122
citations

430874

18
h-index

477307

29
g-index

96
all docs

96
docs citations

96
times ranked

1124
citing authors

#	ARTICLE	IF	CITATIONS
1	78Ni revealed as a doubly magic stronghold against nuclear deformation. Nature, 2019, 569, 53-58.	27.8	120
2	Extension of the Island of Inversion towards Spectroscopy of Shell Gap Around	7.8	77
3	Electromagnetic properties of Experimental results and theoretical description of quadrupole degrees of freedom. Physical Review C, 2012, 86,	2.9	60
4	Superdeformed and Triaxial States	7.8	39
5	NEDA Neutron Detector Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 81-86.	1.6	34
6	Anomalies in the Charge Fields of Fission Fragments from	7.8	30
7	Shell evolution beyond Z = 28 and N = 50: Spectroscopy of 81,82,83,84 Zn. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 492-497.	4.1	29
8	Shell evolution towards Low-Lying States in	7.8	29
9	The highly-efficient light-charged-particle detector EUCLIDES, installed at the GALILEO array for in-beam γ -ray spectroscopy. European Physical Journal A, 2019, 55, 1.	2.5	23
10	Gamma Decay of Unbound Neutron-Hole States in Sn133. Physical Review Letters, 2017, 118, 202502.	7.8	22
11	Quadrupole collectivity in Ca from low-energy Coulomb excitation with AGATA. Physical Review C, 2018, 97,	2.9	22
12	Quadrupole deformation of Xe measured in a	2.9	22
13	Statistical properties of Pu, and Pu	2.9	21
14	The GALILEO γ -ray array at the Legnaro National Laboratories. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1015, 165753.	1.6	21
15	Inelastic scattering of neutron-rich Ni and Zn isotopes off a proton target. Physical Review C, 2018, 97,	2.9	20
16	Onset of triaxial deformation in Zn and properties of its first excited γ -band	2.9	19
17	The Cornerstone of the Region of Deformation around	7.8	18

#	ARTICLE	IF	CITATIONS
19	Statistical $\hat{\rho}^3$-decay properties of N_i xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi> $\hat{\rho}^3$ </mml:mi></mml:math> -decay properties of N_i xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi> N_i </mml:mi><mml:mprescripts>		

#	ARTICLE	IF	CITATIONS
37	Shell structure of the neutron-rich isotopes ^{69}Co , ^{71}Co , and ^{73}Co . Physical Review C, 2010, 81, .	2.9	10
38	Measurement of lifetimes in ^{62}Fe , ^{64}Fe , and ^{66}Fe . Physical Review C, 2010, 81, .	2.9	9
39	Range correction in the Oslo method: the example of nuclear level density and strength function from ^{239}Pu . Physical Review C, 2010, 81, .	2.9	9
40	Nuclear spectroscopy above isomers in $^{67148}\text{Ho}$ and $^{67149}\text{Ho}$ nuclei: Search for core-excited states in ^{149}Ho . Physical Review C, 2010, 81, .	2.9	8
41	SHAPE EVOLUTION IN HEAVIEST STABLE EVEN-EVEN MOLYBDENUM ISOTOPES STUDIED VIA COULOMB EXCITATION. International Journal of Modern Physics E, 2011, 20, 443-450.	1.0	8
42	Electromagnetic Properties of Chiral Bands in ^{124}Cs . Acta Physica Polonica B, 2015, 46, 689.	0.8	8
43	Nuclear level densities and \hat{I}^3 -ray strength functions of ^{180}Ta , ^{181}Ta , and ^{182}Ta . Physical Review C, 2019, 99, .	2.9	8
44	Half-life measurements in ^{164}Dy and ^{166}Dy using \hat{I}^3 . Physical Review C, 2019, 99, .	2.9	8
45	Title is missing!. Acta Physica Polonica B, 2011, 42, 817.	0.8	7
46	Prominence of Pairing in Inclusive p and $2p$ Transitions. Tj ET		

#	ARTICLE	IF	CITATIONS
55	Benchmarking the extraction of statistical neutron capture cross sections on short-lived nuclei for applications using the \hat{I}^2 -Oslo method. Physical Review C, 2019, 100, .	2.9	5
56	Identification of high-spin proton configurations in Ba136 and Ba137. Physical Review C, 2019, 99, .	2.9	5
57	Lifetime measurements using a plunger device and the EUCLIDES Si array at the GALILEO \hat{I}^3 -ray spectrometer. Nuclear Instruments and Search for Nova Pre-Solar Grains section. Physical Review C, 2019, 99, .	1.6	5
58	Search for Nova Pre-Solar Grains section. Physical Review C, 2019, 99, .		5
59	Ray Spectroscopy of ^{134}Ar and its relevance for nucleosynthesis in ONe novae. Physical Review C, 2021, 103, .	2.9	5
60	Octupole correlations near ^{110}Te . Physical Review C, 2021, 103, .	2.9	5
61	Testing of the PARIS LaBr ₃ -NaI Phoswich Detector with High Energy Gamma-rays. Acta Physica Polonica B, 2013, 44, 651.	0.8	5
62	University of Lodz an electron spectrometer – A new conversion-electron spectrometer for β -beam measurements. Review of Scientific Instruments, 2014, 85, 043303.	1.3	4
63	Isomers in the ^{23}N isotones. Physical Review C, 2019, 99, .	2.9	4
64	Lifetime measurements in Nd138. Physical Review C, 2018, 97, .	2.9	4
65	Inclusive cross sections for one- and multi-nucleon removal from Sn, Sb, and Te projectiles beyond the $N=82$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 775, 3316. Physical Review C, 2018, 97, .	4.1	4
66	^{75}Ni and the systematics of the low-lying level structure of neutron-rich odd- Z Cu isotopes. Physical Review C, 2015, 92, .	2.9	4
67	Revised spin values of the 991 keV and 1599 keV levels in Sm140. Physical Review C, 2015, 92, .	2.9	3
68	Spectroscopy of Low-lying States in ^{140}Sm . Acta Physica Polonica B, 2015, 46, 607.	0.8	3
69	Collectivity in $^{196,198}\text{Pb}$ isotopes probed in Coulomb-excitation experiments at REX-ISOLDE. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 064009.	3.6	3
70	Nuclear shapes studied with low-energy Coulomb excitation. EPJ Web of Conferences, 2018, 178, 02014.	0.3	3
71	Coulomb excitation studies at LNL with the SPIDER-GALILEO set-up. Physica Scripta, 2020, 95, 024005.	2.5	3
72	The New Neutron Multiplicity Filter NEDA and Its First Physics Campaign with AGATA. Acta Physica Polonica B, 2019, 50, 585.	0.8	3

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73	Decay properties of long-lived isomers in the odd-odd $N=81$ nucleus ^{146}Tb compared to the ^{148}Ho and ^{150}Tm nuclei. <i>Physical Review C</i> , 2011, 83, .	2.9	2
74	Title is missing!. <i>Acta Physica Polonica B</i> , 2011, 42, 803.	0.8	2
75	Shapes and Collectivity in Neutron Deficient Even-Mass ^{188}Pb Isotopes. , 2015, , .		2
76	Shape coexistence in ^{94}Zr studied via Coulomb excitation. <i>EPJ Web of Conferences</i> , 2019, 223, 01038.	0.3	2
77	Spontaneous time-reversal symmetry breaking in ^{124}Cs . , 2012, , .		1
78	Collectivity of neutron-rich Cr and Fe toward $N=50$. <i>EPJ Web of Conferences</i> , 2016, 107, 03007.	0.3	1
79	Nuclear level densities and $\hat{\Gamma}^3$ -ray strength functions of $^{180,181}\text{Ta}$ and neutron capture cross sections. <i>EPJ Web of Conferences</i> , 2017, 146, 01010.	0.3	1
80	Decay of the $\hat{\Gamma}^3$ isomeric state in ^{134}Nd and ^{184}Pt studied by electron and $\hat{\Gamma}^3$ spectroscopy. <i>Physical Review C</i> , 2017, 95, .	2.9	1
81	Studies of fission fragment yields via high-resolution $\hat{\Gamma}^3$ -ray spectroscopy. <i>EPJ Web of Conferences</i> , 2018, 169, 00030.	0.3	1
82	Study of Octupole Collectivity in ^{146}Nd and ^{148}Sm Using the New Coulomb Excitation Set-up at ALTO. <i>Acta Physica Polonica B</i> , 2016, 47, 923.	0.8	1
83	Production and Study of Neutron-rich Nuclei Using the LICORNE Directional Neutron Source. <i>Acta Physica Polonica B</i> , 2017, 48, 395.	0.8	1
84	Reaction Channel selection techniques and $\hat{\Gamma}^3$ fast-timing spectroscopy using the $\hat{\Gamma}^3$ -Ball Spectrometer. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012117.	0.4	1
85	Impact of Restricted Spin-Ranges in the Oslo Method: The Example of $(d,p)^{240}\text{Pu}$. <i>Springer Proceedings in Physics</i> , 2021, , 195-202.	0.2	1
86	DSA lifetime measurements of ^{124}Cs and the time-reversal symmetry. <i>Journal of Physics: Conference Series</i> , 2012, 381, 012067.	0.4	0
87	The statistical properties of $^{111,112,113}\text{Sn}$ studied with the Oslo method. <i>EPJ Web of Conferences</i> , 2015, 93, 04004.	0.3	0
88	Inelastic scattering of $^{72,74}\text{Ni}$ off a proton target. <i>Journal of Physics: Conference Series</i> , 2016, 724, 012008.	0.4	0
89	Resonances in odd-odd ^{182}Ta . <i>EPJ Web of Conferences</i> , 2017, 146, 05012.	0.3	0
90	Publisher's Note: Statistical properties of ^{243}Pu and ^{242}Pu . $\text{xmlns:mml}="http://www.w3.org/1998/Math/MathML"><\text{mml:math}><\text{mml:mrow}><\text{mml:mi}>n</\text{mml:mi}><\text{mml:mo}>,</\text{mml:mo}><\text{mml:mi}>\hat{\Gamma}^3</\text{mml:mi}></\text{mml:mrow}></\text{mml:math}>$	2.9	0

#	ARTICLE	IF	CITATIONS
91	Low-spin levels in Sm140 : Five 0+ states and the question of softness against nonaxial deformation. Physical Review C, 2021, 104, .	2.9	0
92	Electromagnetic Properties of ^{45}Sc Studied by Low-energy Coulomb Excitation. Acta Physica Polonica B, 2018, 49, 567.	0.8	0
93	Spectroscopic Study in Neutron-Rich Mn Isotopes Around the N = 40 ÎœIsland of Inversionâ€, 2019, , .		0